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ChemRisk/Shonka Research Associates, Inc., Document Request Form

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J K Lamb / K-25 FORC 1023

Requestor / Document Center (is requested to provide the following document)

Date of request 10/24/96 Expected receipt of document 11/24/96

Document number none Date of document ~~[illegible]~~ 1973-1977

Title and author (if document is unnumbered)

Air Sampling Results (Hi volume)

(This section to be completed by Document Center)

Date request received 10/28/96

Date submitted to ADC 10/30/96

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Date received from CICO 10-31-96

Date submitted to ChemRisk/Shonka and DOE 10-31-96

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received

Signature

02	FEBRUARY 1973		701	SOUTH HI-VOL
001	ALUMINUM	4.152	0.7864	2.342
002	CALCIUM	0.8276	0.3906	1.559
003	CHROMIUM	0.0030	0.0016	0.0075
004	COPPER	0.1242	0.1178	0.2341
005	IRON	1.242	0.1935	0.7778
006	LEAD	0.2492	0.0197	0.0781
007	MAGNESIUM	0.1238	0.0189	0.0773
008	MANGANESE	0.0120	0.0783	0.1558
009	MOLYBDENUM	0.0025	0.0008	0.0008
010	NICKEL	0.0394	0.0059	0.0137
011	SILICON	4.144	0.7789	2.335
012	SILVER		0.0008	0.0008
013	SODIUM	0.1163	0.0708	0.1484
014	TITANIUM	0.0826	0.0114	0.0386
015	VANADIUM	0.0120	0.0035	0.0152
016	ZINC	0.0249	0.0039	
017	TOTAL PART.	45.9		56.0
998				

This document has been approved for release to the public by: Preston 10/31/96
Technical Information Officer Date
Oak Ridge K-25 Site

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UCN-72

DATA SHEET (80 column)

02	11 BRUARY 1973		7	02	NORTH HI-VOL
001	ALUMINUM	3.488			2.170
002	CALCIUM	0.7725			1.445
003	CHROMIUM	0.0024			0.0069
004	COPPER	0.0771			0.2169
005	IRON	0.7721			0.7207
006	LEAD	0.1938			0.0724
007	MAGNESIUM	0.0767			0.0716
008	MANGANESE	0.0074			0.1444
009	MOLYBDENUM	0.0019			0.0014
010	NICKEL	0.0058			0.0199
011	SILICON	3.481			2.164
012	SILVER				0.0007
013	SODIUM	0.0698			0.1375
014	TITANIUM	0.0384			0.0358
015	VANADIUM	0.0074			0.0141
016	ZINC	0.0194			
017	TOTAL PART.	34.9			48.9
998					

DATA SHEET (80 column)

UCN-7239

02	FEBRUARY 1973		7	03	EAST HI-VOL
001	ALUMINUM	3.628	2.177	3.628	
002	CALCIUM	0.7231	1.449	2.90	
003	CHROMIUM	0.0026	0.0070	0.0106	
004	COPPER	0.1085	0.7255	1.451	
005	IRON	1.086	0.7228	1.448	
006	LEAD	0.2177	0.0726	0.1451	
007	MAGNESIUM	0.1081	0.0718	0.1444	
008	MANGANESE	0.0105	0.0722	0.1448	
009	MOLYBDENUM	0.0022	0.0007	0.0014	
010	NICKEL	0.0345	0.0345	0.0708	
011	SILICON	3.621	2.170	3.621	
012	SILVER		0.0022	0.0029	
013	SODIUM	0.1016	0.0653	0.1379	
014	TITANIUM	0.0722	0.0359	0.0722	
015	VANADIUM	0.0105	0.0069	0.0287	
016	ZINC	0.0218	0.0072		
017	TOTAL PART.	36.2	9.76	65.4	
998					

DATA SHEET (80 column)

UCN-723

02	FEBRUARY 1973		7	04	WEST HI-VOL
001	ALUMINUM	15.14		1.097	7.716
002	CALCIUM	3.782		0.7292	3.855
003	CHROMIUM	0.0073		0.0070	0.0113
004	COPPER	0.0753		0.1096	0.0770
005	IRON	3.782		0.3630	2.312
006	LEAD	0.2271		0.0366	0.1157
007	MAGNESIUM	0.3777		0.0358	0.2307
008	MANGANESE	0.0375		0.0728	0.2311
009	MOLYBDENUM			0.0007	
010	NICKEL	0.0208		0.0091	0.0212
011	SILICON	18.92		1.290	7.708
012	SILVER			0.0022	
013	SODIUM	0.0681		0.1024	0.2238
014	TITANIUM	0.2696		0.0216	0.1539
015	VANADIUM	0.0375		0.0070	0.0382
016	ZINC			0.0110	
017	TOTAL PART.	112.5		15.5	91.9
999					

UCN-723

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
02	FEBRUARY 1973		GASEOUS FLUORIDE			A06		
WEST		-0.16	-0.16	5.68	1.04			K-901 PUMPHOUSE
EAST		-0.16	-0.16	0.32	0.8			K-1206-D
SOUTH		-0.16	-0.16	-0.16	0.48			RADIO TOWER
NORTH		0.64	1.12	0.96	0.64			BLAIR ROAD
CREDIT UNION		-0.16	0.96	0.88	0.48			CREDIT UNION
WATTS BAR		-0.16	0.64		0.32			WATTS BAR CABIN
WIND VANE P								
WIND VANE B								
998								
		20	26	32	38	44		

DATA SHEET (80 column)

UCN-72
13

1 2	3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42
02	FEBRUARY 1973		URANIUM			406	
WEST		-0.01	0.04		-0.01		
EAST		-0.01	-0.01		0.03		
SOUTH		-0.01	0.02		-0.01		
NORTH		-0.01	0.02		-0.01		
CREDIT UNION		0.01	0.05		0.01		
WATTS BAR		-0.01	-0.01		-0.01		
WIND VANE P							
WIND VANE B							
998							

DATA SHEET (80 column)

UCN-72
13

02 FEBRUARY 1973		CHROMIUM			406
WEST	-0.4	-0.4	-0.4	-0.4	
EAST	0.4	-0.4	-0.4	-0.4	
SOUTH	-0.4	-0.4	-0.4	-0.4	
NORTH	0.4	-0.4	-0.4	-0.4	
CREDIT UNION	-0.4	-0.4	-0.4	-0.4	
WATTS BAR	-0.4	-0.4		-0.4	
WIND VANE P					
WIND VANE B					
999					

DATA SHEET (80 column)

UCN-72-
13

03 MARCH 1973 3 01 SOUTH HI-VOL

001	ALUMINUM	1.598	0.3902	3.835	1.1636
002	CALCIUM	0.7962	0.1534	1.148	0.7028
003	CHROMIUM	0.0021	0.0005	0.0074	0.0038
004	COPPER	0.1996	0.0388	0.	0.
005	IRON	0.3164	0.0359	0.3805	0.3905
006	LEAD	0.1198	0.0273	0.3069	0.1562
007	MAGNESIUM	0.0791	0.0148	0.1143	0.0769
008	MANGANESE	0.0076	0.0023	0.1147	0.0039
009	MOLYBDENUM	0.0008	0.0002	0.0012	0.0012
010	NICKEL	0.0[illegible]	0.0008	0.0288	0.0778
011	SILICON	1.590	0.7731	3.828	2.7216
012	SILVER	0.	0.	0.0002	0.
013	SODIUM	0.1117	0.0312	0.1074	0.0761
014	TITANIUM	0.0236	0.0074	0.0380	0.0389
015	VANADIUM	0.0076		0.0111	0.0078
016	ZINC			0.0192	0.0117
017	TOTAL PART.	57.0	23.0	32.1	50.1
998					

DATA SHEET (80 column)

UCN-723

03	MARCH 1973	3	02	NORTH HI-VOL	
001	ALUMINUM	1.127	0.8045	3.835	1.1774
002	CALCIUM	0.7470	[illegible]	1.148	0.3161
003	CHROMIUM	0.0019	0.0017	[illegible]	0.0037
004	COPPER	0.1872	0.0803	0.	1.1853
005	IRON	0.2768	[illegible]	0.3805	0.3951
006	LEAD	0.1124	[illegible]	[illegible]	0.1185
007	MAGNESIUM	[illegible]	[illegible]	0.1143	0.0383
008	MANGANESE	0.0071	[illegible]	0.1147	0.0037
009	MOLYBDENUM	0.0007	[illegible]	0.0019	0.0012
010	NICKEL	0.0131	0.0060	[illegible]	0.0155
011	SILICON	1.117	[illegible]	3.828	1.9636
012	SILVER	0.	0.		0.
013	SODIUM	0.1424	[illegible]	0.1074	0.0375
014	TITANIUM	0.0221	[illegible]	0.0380	0.0317
015	VANADIUM	0.0071	[illegible]	0.0111	0.0040
016	ZINC	0.0075		0.0192	0.0118
017	TOTAL PART.	50.0	30.2	28.2	46.0
998					

UCN-72[illegible]
[illegible] 5

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
03	MARCH 1973		303	EAST HI-VOL		
001	ALUMINUM	1.124		0.3702	3.705	1.4441
002	CALCIUM	0.3722		0.3679	1.109	0.6531
003	CHROMIUM	0.0016		0.0219	0.0071	0.0072
004	COPPER	0.3371		0.7408	0.7408	0.7257
005	IRON	0.2968		0.0711	0.3675	0.3628
006	LEAD	0.0750		0.0370	0.1852	0.1814
007	MAGNESIUM	0.0742		0.0215	0.1104	0.0715
008	MANGANESE	0.0071		0.0033	0.1108	0.0036
009	MOLYBDENUM	0.0007		0.0007	0.0018	0.0015
010	NICKEL	0.0169		0.0204	0.0352	0.1086
011	SILICON	1.117		0.7336	3.698	2.8919
012	SILVER	0.		0.0001		0.
013	SODIUM	0.0675		0.0667	0.1037	0.0708
014	TITANIUM	0.0184		0.0107	0.0367	0.0361
015	VANADIUM	0.0071		0.0033	0.0107	0.0073
016	ZINC				0.0111	0.0145
017	TOTAL PART.	47.8		26.7	28.3	48.4
998						

UCN-723
13 5

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
03	MARCH 1973	3 04	WEST HI-VOL		
001	ALUMINUM	1.423	0.3815	3.785	1.8322
002	CALCIUM	1.065	0.3792	1.133	1.0160
003	CHROMIUM	0.0022	0.0008	0.0073	0.0072
004	COPPER	0.0710	0.0189	0.2267	0.3628
005	IRON	0.3530	0.0733	0.3755	0.7257
006	LEAD	0.0712	0.0382	0.1136	0.2177
007	MAGNESIUM	0.0705	0.0183	0.1128	0.1078
008	MANGANESE	0.0068	0.0034	0.1132	0.0073
009	MOLYBDENUM	0.0007	0.0002	0.0011	0.0018
010	NICKEL	0.0053	0.0019	0.0208	0.0287
011	SILICON	1.416	0.7560	3.777	3.6176
012	SILVER	0.	0.		0.
013	SODIUM	0.1708	0.0687	0.1060	0.1070
014	TITANIUM	0.0246	0.0072	0.0375	0.0724
015	VANADIUM	0.0068	0.0034	0.0110	0.0109
016	ZINC			0.0114	0.0181
017	TOTAL PART.	58.1	26.8	34.2	56.5
999					

UCN-72

DATA SHEET (80 column)

03	MARCH 1973	GASEOUS FLUORIDE	A06			
WEST	0.72	0.64	0.24	0.48		K-901 PUMPHOUSE
EAST		0.96	0.16	0.56		K-1206-D
SOUTH	0.24	0.8	0.24	0.88		RADIO TOWER
NORTH	0.4	0.8	0.24	0.32		BLAIR ROAD
CREDIT UNION	0.64	0.56	0.32	0.64		CREDIT UNION
WATTS BAR	0.64	0.56	-0.16	1.04		WATTS BAR CABIN
WIND VANE P						
WIND VANE B						
998						
	20	26	32	38	44	

DATA SHEET (80 column)

UCN-72
13

03	MARCH 1973	URANIUM			M06
WEST	-0.01	-0.01	-0.01	-0.01	
EAST		-0.01	-0.01	-0.01	
SOUTH	-0.01	0.02	-0.01	0.01	
NORTH	0.02	-0.01	-0.01	0.01	
CREDIT UNION	-0.01	-0.01	-0.01	0.03	
WATTS BAR	-0.01	-0.01	-0.01	-0.01	
WIND VANE P					
WIND VANE B					

DATA SHEET (80 column)

UCN-723
13 5

1 2	3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42
03	MARCH 1973		CHROMIUM			A06	
WEST		-0.4	-0.4	-0.4	-0.4		
EAST		0.4	-0.	0.4	0.4		
SOUTH		-0.4	-0.4	0.4	-0.4		
NORTH		-0.4	-0.4	0.1	0.4		
CREDIT UNION		0.4	-0.4	-0.4	-0.4		
WATTS BAR		0.4	-0.4	-0.4	-0.4		
WIND VANE P							
WIND VANE B							

DATA SHEET (80 column)

UCN-723
13 5

04	APRIL 1973	7	01	SOUTH HI-VOL
001	ALUMINUM	1.1387	1.5267	1.538
002	CALCIUM	0.3069	0.6904	1.468
003	CHROMIUM	0.0038	0.0038	0.0030
004	COPPER	0.3836	0.3451	0.3864
005	IRON	0.3836	0.7672	0.0773
006	LEAD	0.1151	0.1534	0.0773
007	MAGNESIUM	0.0772	0.0756	0.3852
008	MANGANESE	0.0038	0.0038	0.0008
009	MOLYBDENUM	0.0012	0.0015	0.
010	NICKEL	0.0380	0.0189	0.0113
011	SILICON	1.9064	2.6736	2.307
012	SILVER	0.	0.0002	0.
013	SODIUM	0.0364	0.0765	0.2299
014	TITANIUM	0.0305	0.0382	0.0307
015	VANADIUM	0.0077	0.0077	0.0031
016	ZINC	0.0115	0.0153	0.0116
017	TOTAL PART.	18.7	78.8	45.6

UCN-77

DATA SHEET (80 column)

04	APRIL 1973	7	02	NORTH HI-VOL
001	ALUMINUM	0.3651	1.1431	1.543
002	CALCIUM	1.1490	0.6904	1.473
003	CHROMIUM	0.0022	0.0038	0.3488
004	COPPER	0.2235	0.3608	0.3101
005	IRON	0.2235	0.7672	0.0775
006	LEAD	0.0745	0.1534	0.0775
007	MAGNESIUM	0.0361	0.0372	0.3089
008	MANGANESE	0.0022	0.0038	0.0004
009	MOLYBDENUM	0.0007	0.0001	0.
010	NICKEL	0.0742	0.0150	0.0191
011	SILICON	1.1066	2.290	2.314
012	SILVER	0.	0.	0.
013	SODIUM	0.0242	0.0765	0.1531
014	TITANIUM	0.0147	0.0382	0.0231
015	VANADIUM	0.0037	0.0077	0.0004
016	ZINC	0.0037	0.0115	0.0775
017	TOTAL PART.	10.3	79.2	31.5

UCN-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27	28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
04	APRIL 1973		03	EAST HI-VOL		
001	ALUMINUM	0.7336		1.1041	1.533	
002	CALCIUM	0.		0.6669	1.464	
003	CHROMIUM	0.0021		0.0036	0.0038	
004	COPPER	0.2222		0.7410	0.7704	
005	IRON	0.2223		1.1115	0.0770	
006	LEAD	0.0741		0.1482	0.0770	
007	MAGNESIUM	0.0359		0.0730	0.3840	
008	MANGANESE	0.0021		0.0296	0.0008	
009	MOLYBDENUM	0.0007		0.0010	0.	
010	NICKEL	0.0071		0.1109	0.0766	
011	SILICON	1.1004		2.2119	3.070	
012	SILVER	0.0001		0.	0.	
013	SODIUM	0.0278		0.0739	0.1907	
014	TITANIUM	0.0185		0.0369	0.0381	
015	VANADIUM	0.0037		0.0074	0.0008	
016	ZINC	0.0071		0.0111	0.1156	
017	TOTAL PART.	10.6		77.4	48.0	

UCN-72

DATA SHEET (80 column)

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
04	APRIL 1973		7	04	WEST HI-VOL			
001	ALUMINUM	0.7719			1.4918	1.552		
002	CALCIUM	0.3119			0.6747	1.481		
003	CHROMIUM	0.0030			0.0037	0.0015		
004	COPPER	0.2338			0.2624	0.3899		
005	IRON	0.2337			0.7496	0.0780		
006	LEAD	0.1170			0.1499	0.0780		
007	MAGNESIUM	0.0378			0.0738	0.3887		
008	MANGANESE	0.0030			0.0037	0.0008		
009	MOLYBDENUM	0.0008			0.0037	0.		
010	NICKEL	0.0075			0.2246	0.0075		
011	SILICON	1.9376			3.3621	2.327		
012	SILVER	0.0001			0.	0.		
013	SODIUM	0.0388			0.0748	0.1150		
014	TITANIUM	0.0273			0.0373	0.0312		
015	VANADIUM	0.0039			0.0075	0.0008		
016	ZINC	0.0078			0.0150	0.1170		
017	TOTAL PART.	15.5			82.5	44.1		

UCN-72

DATA SHEET (80 column)

04 APRIL 1973 GASEOUS FLUORIDE 4 03

WEST	0.4	0.48	0.48	0.72
EAST	0.24	1.2	0.4	0.64
SOUTH	0.4	0.56	0.56	0.64
NORTH	-0.16	0.64	0.24	-0.16
CREDIT UNION	0.56	1.52	-0.16	0.16
WATTS BAR	-0.16	1.52	0.56	0.48
WIND VANE P				
WIND VANE B				

1 2 3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	35 36 37	38 39 40 41 42
04 APRIL 1973		URANIUM	403	
WEST	-0.01	0.02	-0.01	-0.01
EAST	-0.01	-0.01	-0.01	0.02
SOUTH	-0.01	-0.01	0.01	-0.01
NORTH	-0.01	0.02	0.02	-0.01
CREDIT UNION	0.01	-0.01	0.02	-0.01
WATTS BAR	-0.01	-0.01	0.02	-0.01
WIND VANE P				
WIND VANE B				

DATA SHEET (80 column)

UC-1-723

1 2	3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35	36 37	38 39 40 41 42
04	APRIL 1973		CHROMIUM			4	03	
WEST		-0.4	-0.4	-0.4	-0.4			
EAST		-0.4	-0.4	-0.4	-0.4			
SOUTH		-0.4	-0.4	-0.4	-0.4			
NORTH		-0.4	-0.4	-0.4	-0.4			
CREDIT UNION		-0.4	-0.4	-0.4	-0.4			
WATTS BAR		-0.4	-0.4	0.4	-0.4			
WIND VANE P								
WIND VANE B								

DATA SHEET (80 column)

UCH-72

05	MAY 1973	1 01	SOUTH HI-VOL
001	ALUMINUM	1.509	
002	CALCIUM	1.440	
003	CHROMIUM	0.0037	
004	COPPER	0.7582	
005	IRON	0.0758	
006	LEAD	0.0758	
007	MAGNESIUM	0.3779	
008	MANGANESE	0.0008	
009	MOLYBDENUM		
010	NICKEL	0.0073	
011	SILICON	2.263	
012	SILVER		
013	SODIUM	0.0739	
014	TITANIUM	0.0313	
015	VANADIUM	0.0008	
016	ZINC	0.1137	
017	TOTAL PART.	38.0	

UCN-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
05	MAY 1973	1 02	NORTH HI-VOL	
001	ALUMINUM	1.509		
002	CALCIUM	1.424		
003	CHROMIUM	0.0037		
004	COPPER	1.516		
005	IRON	0.0758		
006	LEAD	0.1516		
007	MAGNESIUM	0.3779		
008	MANGANESE	0.0008		
009	MOLYBDENUM			
010	NICKEL	0.0111		
011	SILICON	2.238		
012	SILVER			
013	SODIUM	0.0360		
014	TITANIUM	0.0303		
015	VANADIUM	0.0008		
016	ZINC	0.1137		
017	TOTAL PART.	35.5		

UCN-72
13

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
05	MAY 1973	1 0.3	EAST HI-VOL	
001	ALUMINUM	1.492		
002	CALCIUM	1.424		
003	CHROMIUM	0.0037		
004	COPPER	1.499		
005	IRON	0.0750		
006	LEAD	0.1499		
007	MAGNESIUM	0.3737		
008	MANGANESE	0.0007		
009	MOLYBDENUM			
010	NICKEL	0.0109		
011	SILICON	2.238		
012	SILVER			
013	SODIUM	0.0356		
014	TITANIUM	0.0300		
015	VANADIUM	0.0007		
016	ZINC	0.1124		
017	TOTAL PART.	43.5		

UCN-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
05	MAY 1973	1	04 WEST HI-VOL
001	ALUMINUM		3.850
002	CALCIUM		3.781
003	CHROMIUM		0.0038
004	COPPER		0.0116
005	IRON		0.3086
006	LEAD		0.1929
007	MAGNESIUM		0.7704
008	MANGANESE		0.0015
009	MOLYBDENUM		
010	NICKEL		0.0154
011	SILICON		7.704
012	SILVER		
013	SODIUM		0.1138
014	TITANIUM		0.0772
015	VANADIUM		0.0077
016	ZINC		0.3086
017	TOTAL PART.		112.5

UCN-7
12

DATA SHEET (80 column)

05 MAY 1973		GASEOUS FLUORIDES 501			
WEST	1.28	0.8	0.64	0.4	0.16
EAST	0.96	0.88	0.48	0.8	0.64
SOUTH		1.04	0.48	0.8	0.56
NORTH	1.28	0.4	-0.16	-0.16	0.4
CREDIT UNION	0.32	0.4	0.16	-0.16	0.4
WATTS BAR	0.8	0.48	0.16	-0.16	0.32
WIND VANE P					
WIND VANE B					

DATA SHEET (80 column)

UCN-727

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
05 MAY 1973	URANIUM	501

WEST	-0.01		-0.01	-0.01	0.02
EAST	-0.01	-0.01	-0.01	-0.01	0.04
SOUTH		-0.01	0.13	0.01	-0.01
NORTH	-0.01	-0.01	-0.01	-0.01	-0.01
CREDIT UNION	0.01	-0.01	-0.01	-0.01	0.02
WATTS BAR	-0.01	-0.01	-0.01	0.02	-0.01
WIND VANE P					
WIND VANE B					

DATA SHEET (80 column)

UCN-7

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
05 MAY 1973	CHROMIUM	501

WEST	-0.4		-0.4	-0.4	-0.4
EAST	-0.4	-0.4	-0.4	-0.4	-0.4
SOUTH		-0.4	-0.4	-0.4	-0.4
NORTH	-0.4	-0.4	-0.4	-0.4	-0.4
CREDIT UNION	-0.4	-0.4	-0.4	-0.4	-0.4
WATTS BAR	-0.4	-0.4	-0.4	-0.4	-0.4
WIND VANE P					
WIND VANE B					

DATA SHEET (80 column)

CN-73

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
06	JUNE 1973	8 01	SOUTH HI-VOL			
001	ALUMINUM		1.3626	4.074	2.1183	
002	CALCIUM		1.2803	2.035	1.414	
003	CHROMIUM		0.0008	0.0077	0.0011	
004	COPPER		0.4572	0.1628	0.1909	
005	IRON		0.1372	0.3223	0.4679	
006	LEAD		0.0914	0.0815	0.1051	
007	MAGNESIUM		0.3644	0.0807	0.1572	
008	MANGANESE		0.0036	0.0240	0.0103	
009	MOLYBDENUM		0.0009		0.0001	
010	NICKEL		0.0134	0.1610	0.0134	
011	SILICON		1.3580	4.067	2.520	
012	SILVER				0.0001	
013	SODIUM		0.0434	0.1548	0.0073	
014	TITANIUM		0.0089	0.1626	0.0292	
015	VANADIUM		0.0018	0.0077	0.0029	
016	ZINC		0.0091	0.0122	0.0086	
017	TOTAL PART.		43.3	60.2	49.0	

UCN-72

DATA SHEET (80 column)

1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63

06	JUNE 1973		8 02	NORTH H.I. VOL
001	ALUMINUM	0.8029	3.612	1.4404
002	CALCIUM	0.8230	0.3587	1.1675
003	CHROMIUM	0.0003	0.0069	0.0009
004	COPPER	0.2839	0.0287	0.1721
005	IRON	0.0811	0.2861	0.4263
006	LEAD	0.0406	0.0722	0.0898
007	MAGNESIUM	0.2421	0.0715	0.1663
008	MANGANESE	0.0024	0.0213	0.0118
009	MOLYBDENUM	0.0004		0.0008
010	NICKEL	0.0078	0.2872	0.0174
011	SILICON	0.7989	4.328	1.5905
012	SILVER			0.
013	SODIUM	0.0385	0.1373	0.0059
014	TITANIUM	0.0038	0.1441	0.0248
015	VANADIUM	0.0012	0.0069	0.0027
016	ZINC	0.0041	0.0108	0.0078
017	TOTAL PART.	32.6	56.6	47.3

UCN-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33 34	35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
06	JUNE 1973	8	03	EAST HI-VOL		
001	ALUMINUM		0.6887	3.623	1.4222	
002	CALCIUM		0.6261	1.809	1.2198	
003	CHROMIUM		0.0003	0.0069	0.0010	
004	COPPER		0.2435	0.1085	0.2497	
005	IRON		0.0696	0.2870	0.3893	
006	LEAD		0.0348	0.0725	0.0894	
007	MAGNESIUM		0.2076	0.0717	0.0773	
008	MANGANESE		0.0021	0.0214	0.0106	
009	MOLYBDENUM		0.0003		0.0001	
010	NICKEL		0.0067	1.810	0.0188	
011	SILICON		0.6852	3.616	1.598	
012	SILVER				0.0001	
013	SODIUM		0.0330	0.1377	0.0063	
014	TITANIUM		0.0033	0.1446	0.0284	
015	VANADIUM		0.0010	0.0069	0.0026	
016	ZINC		0.0035		0.0028	
017	TOTAL PART.		27.7	55.3	54.95	

UCN-77

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
06	JUNE 1973	8	04 WEST HI-VOL		
001	ALUMINUM		1.6951	3.482	1.825
002	CALCIUM		1.6951	1.738	1.388
003	CHROMIUM		0.0008	0.0066	0.0012
004	COPPER		0.2303	0.0244	0.2225
005	IRON		0.1382	0.2758	0.4433
006	LEAD		0.0921	0.0696	0.0812
007	MAGNESIUM		0.4132	0.0689	0.0880
008	MANGANESE		0.0046	0.0205	0.0120
009	MOLYBDENUM		0.0014		0.0001
010	NICKEL		0.0134	0.1724	0.0133
011	SILICON		1.6905	3.475	1.819
012	SILVER		0.0001		0.0002
013	SODIUM		0.0438	0.1323	0.010
014	TITANIUM		0.0090	0.1389	0.0323
015	VANADIUM		0.0018	0.0101	0.0031
016	ZINC		0.0092		0.0061
017	TOTAL PART.		47.2	61.9	90.8

DATA SHEET (80 column)

UCN-7-13

06 JUNE 1973 GASEOUS FLUORIDE 4 05

WEST	0.88		0.48	1.12
EAST	0.88	0.4	0.72	3.04
SOUTH	0.96	1.28	0.64	1.36
NORTH	0.56	0.88	0.24	0.32
CREDIT UNION	1.04	0.64	0.16	0.4
WATTS BAR	0.8	0.96	0.24	0.48
WIND VANE P				
WIND VANE B				

DATA SHEET (80 column)

UCN-72

06 JUNE 1973		URANIUM		4	05
WEST	0.03		-0.01	-0.01	
EAST	-0.01	-0.01	-0.01	0.10	
SOUTH	-0.01	-0.01	0.02	-0.01	
NORTH	-0.01	-0.01	-0.01	-0.01	
CREDIT UNION	-0.01	0.01	0.02	0.02	
WATTS BAR	-0.01	-0.01	-0.01	-0.01	
WIND VANE P					
WIND VANE B					

DATA SHEET (80 column)

06 JUNE 1973		CHROMIUM		405	
WEST	-0.4		-0.4	-0.4	
EAST	-0.4	-0.4	-0.4	-0.4	
SOUTH	-0.4	-0.4	-0.4	-0.4	
NORTH	-0.4	-0.4	-0.4	-0.4	
CREDIT UNION	-0.4	-0.4	-0.4	-0.4	
WATTS BAR	-0.4	-0.4	-0.4	-0.4	
WIND VANE P					
WIND VANE B					

UCN-723

DATA SHEET (80 column)

07	JULY 1973	301	SOUTH HI-VOL	
001	ALUMINUM		0.8354	0.5918
002	CALCIUM		1.181	0.0429
003	CHROMIUM		0.0008	0.0012
004	COPPER		0.4219	0.1286
005	IRON		0.1266	0.1715
006	LEAD		0.0253	0.0172
007	MAGNESIUM		1.264	0.0845
008	MANGANESE		0.0042	0.030
009	MOLYBDENUM			
010	NICKEL		0.0081	0.0168
011	SILICON		0.8312	0.2873
012	SILVER			0.
013	SODIUM		0.1245	0.0407
014	TITANIUM		0.0420	0.0169
015	VANADIUM		0.0042	0.0013
016	ZINC			0.0017
017	TOTAL PART.		21.4	30.7

UCN-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
07	JULY 1973	3	02	NORTH. HI-VOL		
001	ALUMINUM				1.194	2.899
002	CALCIUM				1.122	0.4983
003	CHROMIUM				0.0007	0.0082
004	COPPER				0.4006	0.5814
005	IRON				0.1202	0.8306
006	LEAD				0.0240	0.0830
007	MAGNESIUM				1.201	0.4140
008	MANGANESE				0.0040	0.1661
009	MOLYBDENUM					
010	NICKEL				0.0077	0.0826
011	SILICON				1.190	1.649
012	SILVER					0.
013	SODIUM				0.120	0.1640
014	TITANIUM				0.0799	0.0830
015	VANADIUM				0.0080	0.0042
016	ZINC					0.0083
017	TOTAL PART.				27.7	51.0

UCN-72
19 8

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
07	JULY 1973	3	03	EAST HI-VOL	
001	ALUMINUM			0.6962	2.856
002	CALCIUM			0.6329	0.6442
003	CHROMIUM			0.0006	0.0071
004	COPPER			0.3516	0.7158
005	IRON			0.1055	0.7158
006	LEAD			0.0176	0.0716
007	MAGNESIUM			1.054	0.3568
008	MANGANESE			0.0028	0.1432
009	MOLYBDENUM				
010	NICKEL			0.0103	0.0712
011	SILICON			0.6927	1.421
012	SILVER				0.
013	SODIUM			0.1037	0.1772
014	TITANIUM			0.0350	0.0716
015	VANADIUM			0.0035	0.0072
016	ZINC				0.0072
017	TOTAL PART.			20.5	46.7

UCN-77
13

DATA SHEET (80 column)

07 JULY 1973 304 WEST HI-VOL.

001	ALUMINUM	2.414	4.211
002	CALCIUM	2.342	0.7595
003	CHROMIUM	0.0033	0.0084
004	COPPER	0.8074	0.8439
005	IRON	0.4037	0.8439
006	LEAD	0.0807	0.0844
007	MAGNESIUM	0.4036	0.4207
008	MANGANESE	0.0081	0.2110
009	MOLYBDENUM		
010	NICKEL	0.0400	0.0840
011	SILICON		2.941
012	SILVER		0.
013	SODIUM	0.4017	0.2510
014	TITANIUM	0.1209	0.0844
015	VANADIUM	0.0121	0.0084
016	ZINC		0.0084
017	TOTAL PART.	63.6	59.1

UCN-72

DATA SHEET (80 column)

07 JULY 1973 GASEOUS FLUORIDE 503

WEST	0.24	0.48	1.12	1.2	1.04
EAST	1.44	0.32	0.72	0.64	0.72
SOUTH	0.32	0.8	1.2	0.56	1.04
NORTH	0.56	0.96	1.12	0.88	0.32
CREDIT UNION	0.64	0.8	0.96	0.48	0.4
WATTS BAR	0.88	0.96		0.72	0.32
WIND VANE P					
WIND VANE B					

DATA SHEET (80 column)

1 2 3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37 38 39 40	41 42 43 44 45 46	47 48 49 50 51 52	53 54 55 56 57 58	59 60 61 62 63
07 JULY 1973		URANIUM			5 0 3				
WEST	-0.01	-0.01	-0.01	-0.01	-0.01				
EAST	0.08	0.03	-0.01	-0.01	-0.01				
SOUTH	-0.01	0.03	0.01	-0.01	-0.01				
NORTH	-0.01	-0.01	-0.01	-0.01	0.01				
CREDIT UNION	0.02	0.03	0.04	-0.01	0.01				
WATTS BAR	0.02	0.02		0.01	0.02				
WIND VANE P									
WIND VANE B									

DATA SHEET (80 column)

07 JULY 1973		CHROMIUM			503
WEST	-0.4	-0.4	-0.4	-0.4	-0.4
EAST	-0.4	-0.4	-0.4	-0.4	-0.4
SOUTH	-0.4	-0.4	-0.4	-0.4	-0.4
NORTH	-0.4	-0.4	-0.4	-0.4	-0.4
CREDIT UNION	-0.4	0.4	-0.4	-0.4	-0.4
WATTS BAR	-0.4	0.4		-0.4	-0.4
WIND VANE P					
WIND VANE B					

DATA SHEET (80 column)

UCM-72

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
08	AUGUST 1973	501	SOUTH HI-VOL		
001	ALUMINUM		4.786	1.998	3.406
002	CALCIUM		1.220	0.7223	1.622
003	CHROMIUM		0.0025	0.0007	0.0016
004	COPPER		0.0017	0.8026	0.8536
005	IRON		0.4359	0.2408	0.4268
006	LEAD		0.3051	0.1204	0.2134
007	MAGNESIUM		0.8705	0.1994	0.4255
008	MANGANESE		0.4359	0.1204	0.0341
009	MOLYBDENUM				
010	NICKEL		0.1739	0.0798	0.0253
011	SILICON		2.602	0.7905	2.548
012	SILVER				0.
013	SODIUM		0.3030	0.1184	0.2113
014	TITANIUM		0.1303	0.0397	0.0854
015	VANADIUM		0.0044	0.0020	0.0085
016	ZINC		0.1744	0.0802	
017	TOTAL PART.		85.3	39.6	83.2

DATA SHEET (80 column)

UCN-7230

08 AUGUST 1973 502 NORTH HI-VOL

001	ALUMINUM	1.715	4.1845	1.543	3.479
002	CALCIUM	0.3205	1.593	0.6977	1.656
003	CHROMIUM	0.0039	0.0020	0.0007	0.0016
004	COPPER	0.3606	1.677	0.7752	0.8718
005	IRON	0.4006	0.4193	0.1938	0.4359
006	LEAD	0.0401	0.2516	0.1163	0.2180
007	MAGNESIUM	0.2392	0.4180	0.1926	0.4346
008	MANGANESE	0.0801	0.3354	0.1163	0.0349
009	MOLYBDENUM				
010	NICKEL	0.0397	0.1673	0.0771	0.0258
011	SILICON	0.7893	1.042	0.7636	2.602
012	SILVER	0.0001	0.0004		0.
013	SODIUM	0.1182	0.2495	0.1143	0.2158
014	TITANIUM	0.0377	0.0834	0.0384	0.0872
015	VANADIUM	0.0036	0.0021	0.0016	0.0087
016	ZINC	0.0040	0.0838	0.0775	
017	TOTAL PART.	65.3	83.9	35.5	86.3

UCN-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
08	AUGUST 1973	503	EAST HI-VOL		
001	ALUMINUM	0.7019	5.267	1.399	2.408
002	CALCIUM	0.0709	2.039	0.2813	0.9662
003	CHROMIUM	0.0018	0.0027	0.0006	0.0013
004	COPPER	0.0014	1.758	0.3516	0.6901
005	IRON	0.1418	0.7032	0.1758	0.3106
006	LEAD	0.0142	0.3516	0.0703	0.1380
007	MAGNESIUM	0.0698	0.7022	0.1748	0.2750
008	MANGANESE	0.0354	0.3516	0.1055	0.0172
009	MOLYBDENUM				
010	NICKEL	0.0138	0.2106	0.0348	0.0170
011	SILICON	0.3438	2.802	0.6927	1.715
012	SILVER	0.	0.		0.
013	SODIUM	0.0337	0.2795	0.0686	0.1363
014	TITANIUM	0.0140	0.1403	0.0348	0.0690
015	VANADIUM	0.0014	0.0070	0.0014	0.0069
016	ZINC	0.0014	0.2110	0.0352	
017	TOTAL PART.	51.9	76.1	30.6	61.7

UCN-77

DATA SHEET (80 column)

1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63

08	AUGUST 1973	5	04	WEST HI-VOL			
001	ALUMINUM	4.596	6.689	1.693	6.636
002	CALCIUM	0.7534	2.428	0.3403	3.239
003	CHROMIUM	0.0126	0.0033	0.0008	0.0032
004	COPPER	0.8372	2.512	0.8507	0.8306
005	IRON	0.1256	0.8372	0.2127	0.8306
006	LEAD	0.1256	0.4186	0.0851	0.4153
007	MAGNESIUM	0.6266	0.8359	0.2114	0.8293
008	MANGANESE	0.2093	0.4186	0.1276	0.0415
009	MOLYBDENUM				
010	NICKEL	0.1252	0.2507	0.0421	0.0411
011	SILICON	2.080	3.336	0.8379	4.971
012	SILVER	0.	0.		0.
013	SODIUM	0.2909	0.4165	0.0829	0.4132
14	TITANIUM	0.1254	0.1670	0.0421	0.0164
015	VANADIUM	0.0084	0.0084	0.0017	0.0124
016	ZINC	0.0126	0.2512	0.0851	
017	TOTAL PART.	78.1	97.2	37.8	94.9

DATA SHEET (80 column)

UCN-75
13

08 AUGUST 1973 GASEOUS FLUORIDE 407

WEST	0.24	0.72	0.24	0.32
EAST	0.16	0.64	0.8	0.24
SOUTH	0.[illegible]8	0.4	0.24	0.48
NORTH	0.32			0.56
CREDIT UNION	0.56	0.72	-0.16	0.8
WATTS BAR	0.4	1.04	-0.16	0.88
WIND VANE P				
WIND VANE B				

DATA SHEET (80 column)

TC-72

08 AUGUST 1973		URANIUM			407
WEST	-0.01	0.04	-0.01	0.02	
EAST	-0.01	-0.01	-0.01	-0.01	
SOUTH	-0.01	-0.01	-0.01	0.02	
NORTH	-0.01			0.01	
CREDIT UNION	-0.01	0.04	0.02	0.08	
WATTS BAR	0.01	0.02	-0.01	-0.01	
WIND VANE P					
WIND VANE B					

DATA SHEET (80 column)

AUGUST 1973		CHROMIUM		407	
WEST	-0.4	-0.4	-0.4	-0.4	
EAST	0.4	-0.4	0.4	-0.4	
SOUTH	-0.4	-0.4	0.4	0.4	
NORTH	0.4			0.4	
CREDIT UNION	-0.4	-0.4	0.4	0.4	
WATTS BAR	0.4	0.4	0.4	-0.4	
WIND VANE P					
WIND VANE B					

DATA SHEET (80 column)

09	SEPTEMBER 1973	7	01	SOUTH HI-VOL
001	ALUMINUM	2.552	1.718	1.272
002	CALCIUM	0.7682	0.1295	0.3414
003	CHROMIUM	0.0085	0.0042	0.0008
004	COPPER	0.3414	0.3453	0.4268
005	IRON	0.3414	0.2158	0.1707
006	LEAD	0.0854	0.1295	0.1707
007	MAGNESIUM	0.4255	0.2145	0.2548
008	MANGANESE	0.0256	0.0034	0.0213
009	MOLYBDENUM	0.0025		0.0013
010	NICKEL	0.0210	0.0428	0.0381
011	SILICON	1.268	1.713	1.268
012	SILVER	0.		
013	SODIUM	0.2113	0.1273	0.2539
014	TITANIUM	0.0854	0.0429	0.0297
015	VANADIUM	0.0026	0.0043	0.0043
016	ZINC		0.2590	
017	TOTAL PART.	63.2	39.7	50.4

DATA SHEET (80 column)

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3

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
09	SEPTEMBER 1973	7	02	NORTH HI-VOL		
001	ALUMINUM		2.857	1.629	1.629	
002	CALCIUM		1.555	0.1228	0.3275	
003	CHROMIUM		0.0081	0.0040	0.0011	
004	COPPER		0.3684	0.3275	0.2865	
005	IRON		0.3641	0.0047	0.1637	
006	LEAD		0.1228	0.1228	0.1637	
007	MAGNESIUM		0.4081	0.2034	0.2853	
008	MANGANESE		0.0286	0.0041	0.0819	
009	MOLYBDENUM		0.0029		0.0012	
010	NICKEL		0.2014	0.0406	0.0406	
011	SILICON		1.216	1.625	1.216	
012	SILVER					
013	SODIUM		0.2026	0.1208	0.2845	
014	TITANIUM		0.1228	0.0407	0.0325	
015	VANADIUM		0.0029	0.0041	0.0041	
016	ZINC			0.2456		
017	TOTAL PART.		58.0	35.8	49.2	

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DATA SHEET (80 column)

09	SEPTEMBER 1973		703	EAST HI-VOL
001	ALUMINUM	3.789	2.776	1.056
002	CALCIUM	0.6211	10.365	0.6381
003	CHROMIUM	0.0066	0.0173	0.0010
004	COPPER	0.2760	10.435	0.3545
005	IRON	0.2760	1.043	0.1418
006	LEAD	0.0690	0.1739	0.1063
007	MAGNESIUM	0.3440	0.3468	0.2116
008	MANGANESE	0.0242	0.0139	0.0142
009	MOLYBDENUM	0.0024		0.0007
010	NICKEL	0.0170	0.1374	0.0352
011	SILICON	1.025	1.729	1.407
012	SILVER			
013	SODIUM	0.1708		0.2109
014	TITANIUM	0.0690	0.1737	0.0246
015	VANADIUM	0.0024	0.0139	
016	ZINC		0.3478	0.0032
017	TOTAL PART.	50.1	61.5	42.8

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13

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
04	SEPTEMBER 1973	7 04	WEST HI-VOL	
001	ALUMINUM	4.560		
002	CALCIUM	1.163		
003	CHROMIUM	0.0124		
004	COPPER	0.4153		
005	IRON	0.4155		
006	LEAD	0.1661		
007	MAGNESIUM	0.8293		
008	MANGANESE	0.0415		
009	MOLYBDENUM	0.0004		
010	NICKEL	0.0030		
011	SILICON	2.064		
012	SILVER			
013	SODIUM	0.3301		
014	TITANIUM	0.1246		
015	VANADIUM	0.0042		
016	ZINC			
017	TOTAL PART.	68.6		

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DATA SHEET (80 column)

09	SEPTEMBER 1973	GASEOUS FLUORIDE			4	04
WEST	-0.16	0.32	0.8	0.8		
EAST	0.16	0.32	1.04	-0.16		
SOUTH	0.68	0.56	1.6	0.48		
NORTH	1.28		0.64	0.64		
CREDIT UNION	1.52	0.16	0.88	-0.16		
WATTS BAR	1.52	0.4	1.36	0.16		
WIND VANE P						
WIND VANE B						

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35	36 37	38 39 40 41 42
01	SEPTEMBER 1973		URANIUM			4	04	
WEST		0.01	0.01	-0.01	-0.01			
EAST		0.01	0.01	0.01	-0.01			
SOUTH		0.01	0.01	0.01	-0.01			
NORTH		0.02		-0.01	-0.01			
CREDIT UNION		0.01	0.01	0.01	-0.01			
WATTS BAR			0.01	0.01	0.02			
WIND VANE P								
WIND VANE B								

DATA SHEET (80 column)

09 SEPTEMBER 1973		CHROMIUM			4	04
WEST	-0.4	-0.4	-0.4	-0.4		
EAST	-0.4	-0.4	0.4	-0.4		
SOUTH	-0.4	-0.4	0.4	0.4		
NORTH	0.4		-0.4	0.4		
CREDIT UNION	-0.4	-0.4	0.4	-0.4		
WATTS BAR	-0.4	-0.4	0.4	-0.4		
WIND VANE P						
WIND VANE B						

DATA SHEET (80 column)

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	20 21	22 23 24 25 26 27	28 29 30 31 32 33 34	35 36 37 38 39 40
10	OCTOBER 1973		101	SOUTH HI-VOL		
001	ALUMINUM	0.1965		4.131		2.471
002	CALCIUM	0.		4.056		2.302
003	CHROMIUM	0.001[illegible]		0.012[illegible]		0.0118
004	COPPER	0.0819		[illegible]8		0.7940
005	IRON	0.032[illegible]		1.656		0.7940
006	LEAD	0.0327		0.3311		0.1985
007	MAGNESIUM	0.0377		0.3299		0.3758
008	MANGANESE	0.00[illegible]		0.1656		0.0117
009	MOLYBDENUM	0.00[illegible]		0.0082		
010	NICKEL	0.0078		[illegible]		0.03[illegible]
011	SILICON	0.1105		4.127		3.958
012	SILVER			0.0033		0.0004
013	SODIUM	0.0387		0.3290		0.0377
014	TITANIUM	0.0080		0.1240		0.1189
015	VANADIUM	0.00[illegible]8		0.0331		0.0119
016	ZINC			0.0166		0.0159
017	TOTAL PART.	33.5		85.5		65.7

DATA SHEET (80 column)

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13

10	OCTOBER 1973	1	01	NORTH HI-VOL
001	ALUMINUM	0.2374	3.956	2.341
002	CALCIUM	0.0600	2.299	1.879
003	CHROMIUM	[illegible]	[illegible]	0.0117
004	COPPER	0.2456	0.3764	0.7831
005	IRON	0.0400	1.187	0.3915
006	LEAD	0.0319	0.2378	[illegible]
007	MAGNESIUM	[illegible]	[illegible]	0.3904
008	MANGANESE	[illegible]	[illegible]	0.0117
009	MOLYBDENUM	[illegible]	[illegible]	
010	NICKEL	0.2456	0.0790	0.0388
011	SILICON	[illegible]	3.555	3.904
012	SILVER		0.0002	0.0004
013	SODIUM	0.0020	[illegible]	[illegible]
014	TITANIUM	0.0037	0.0791	0.1173
015	VANADIUM	[illegible]	0.0238	0.0117
016	ZINC		0.0238	0.0157
017	TOTAL PART.	31.0	69.8	55.6

DATA SHEET (80 column)

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13 5

10	OCTOBER 1973		1	03	LAST HI-VOL
001	ALUMINUM	0.1670	2.390		1.705
002	CALCIUM	0.1043	1.673		1.301
003	CHROMIUM	0.0020	0.0068		0.0102
004	COPPER	[illegible]	1.027		0.6847
005	IRON	[illegible]	0.6847		0.3423
006	LEAD	0.0348	0.1712		0.1712
007	MAGNESIUM	[illegible]	0.1701		0.3413
008	MANGANESE	[illegible]	0.1712		0.0103
009	MOLYBDENUM	.0003	0.0037		
010	NICKEL	0.0018	0.1709		0.0340
011	SILICON	0.1625	2.386		2.728
012	SILVER		0.		0.0003
013	SODIUM	0.1026	0.2722		0.0325
014	TITANIUM	0.0068	0.0683		0.1025
015	VANADIUM	0.0007	0.0171		0.0103
016	ZINC		0.0068		0.0137
017	TOTAL PART.	27.1	56.5		45.8

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13

DATA SHEET (80 column)

10	OCTOBER 1973		1	04	WEST HI-VOL
001	ALUMINUM	0.4038	3.956		2.414
002	CALCIUM	0.1236	3.092		1.938
003	CHROMIUM	0.0020	0.0118		0.0120
004	COPPER	0.1648	0.7927		0.8074
005	IRON	0.0824	1.585		0.4037
006	LEAD	0.0824	0.1171		0.2018
007	MAGNESIUM	0.1224	0.3159		0.4025
008	MANGANESE	0.0008	0.3171		0.0121
009	MOLYBDENUM	0.0004	0.0079		
010	NICKEL	0.0162	0.3168		0.040
011	SILICON	0.3997	3.952		4.025
012	SILVER		0.0003		0.0004
013	SODIUM	0.1215	0.3944		0.0367
014	TITANIUM	0.0122	0.1187		0.1209
015	VANADIUM	0.0016	0.0079		0.0121
016	ZINC		0.0317		0.0161
017	TOTAL PART.	34.2	78.6		53.6

UCN-729
13 E

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35	36 37	38 39 40 41 42
10	OCTOBER 1973		GASEOUS FLUORIDE			5	02	
WEST		0.24	0.64	0.96	0.56		1.12	
EAST		0.32	0.64	0.8	0.8		0.56	
SOUTH		0.48	0.88	0.96	0.64		-0.16	
NORTH		0.24	0.32	0.32	0.64		0.96	
CREDIT UNION		-0.16	0.16	0.48	0.72		0.88	
WATTS BAR		0.32	0.4	0.64	-0.16		0.96	
WIND VANE P								
WIND VANE B								

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36	37 38 39 40 41 42
10	OCTOBER 1973		URANIUM			5	02
WEST		-0.01	0.01	-0.01	0.01		-0.01
EAST		-0.01	-0.01	-0.01	0.02		-0.01
SOUTH		-0.01	0.06	-0.01	-0.01		-0.01
NORTH		-0.01	-0.01	-0.01	0.02		-0.01
CREDIT UNION		-0.01	-0.01	0.02	0.02		-0.01
WATTS BAR		-0.01	-0.01	0.03	-0.01		-0.01
WIND VANE P							
WIND VANE B							

DATA SHEET (80 column)

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1 2	3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	35	36	37 38 39 40 41 42
10	OCTOBER 1975		CHROMIUM	5	02	
WEST		0.4	0.4			0.4
EAST		0.4	0.4	-0.4	0.4	-0.4
SOUTH		0.4	0.4	0.4	0.4	0.4
NORTH		0.4	0.4	-0.4	-0.4	0.4
CREDIT UNION		0.4	0.4	0.4	0.4	0.4
WATTS BAR		0.4	0.4	0.4	0.4	0.4
WIND VANE P						
WIND VANE B						

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DATA SHEET (80 column)

11	NOVEMBER 1973		1D1 SOUTH HI-VOL	
001	ALUMINUM	5.055	1.160	1.899
002	CALCIUM	2.025	0.0506	1.068
003	CHROMIUM	0.0020	0.0003	0.0011
004	COPPER	0.8439	0.1946	0.3814
005	IRON	2.4213	0.1168	0.1907
006	LEAD	0.0844	0.0117	0.0267
007	MAGNESIUM	1.264	0.2324	0.0103
008	MANGANESE	0.2532	0.0389	0.1144
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.2528	0.0036	0.1141
011	SILICON	5.051	1.156	1.895
012	SILVER	0.	0.	0.
013	SODIUM	0.[illegible]	0.1927	0.1888
014	TITANIUM	0.1264	0.0240	0.0379
015	VANADIUM	0.0084	0.0019	0.0038
016	ZINC	0.0253	0.0039	0.0114
017	TOTAL PART.	62.4	40.4	22.3

UCN-723
13 5-

DATA SHEET (80 column)

11	NOVEMBER 1973	1	02	NORTH #1 -VOL
001	ALUMINUM	4.494	1.199	1.926
002	CALCIUM	1.555	0.2319	1.085
003	CHROMIUM	0.0020	0.0003	0.0011
004	COPPER	0.8187	0.2012	0.3876
005	IRON	0.4093	0.1207	0.1938
006	LEAD	0.0409	0.0121	0.0271
007	MAGNESIUM	1.227	0.2402	0.0105
008	MANGANESE	0.2047	0.0402	0.1163
009	MOLYBDENUM	0	0	0
010	NICKEL	0.0406	0.0037	0.1160
011	SILICON	4.490	1.195	1.926
012	SILVER	0		0
013	SODIUM	0.2026	0.1992	0.1919
014	TITANIUM	0.1226	0.0280	0.0386
015	VANADIUM	0.0082	0.0020	0.0039
016	ZINC	0.0205	0.0040	0.0116
017	TOTAL PART.	60.2	41.3	20.1

DATA SHEET (80 column)

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3

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
11	NOVEMBER 1973	1 03	EAST HI-VOL			
001	ALUMINUM		3.417	0.9894	0.9894	
002	CALCIUM		1.643	0.2656	0.2656	
003	CHROMIUM		0.0016	0.0003	0.0006	
004	COPPER		1.027	0.1660	0.2656	
005	IRON		0.3423	0.0996	0.1328	
006	LEAD		0.0342	0.0100	0.0166	
007	MAGNESIUM		0.6837	0.1[illegible]	0.3310	
008	MANGANESE		0.1712	0.0332	0.0066	
009	MOLYBDENUM		0.	0.	0.	
010	NICKEL		0.0340	0.0030	0.0993	
011	SILICON		3.413	0.1860	1.318	
012	SILVER		0.	0.	0.	
013	SODIUM		0.1710	0.1643	0.1643	
014	TITANIUM		0.0683	0.0331	0.0330	
015	VANADIUM		0.0034	0.0017	0.0026	
016	ZINC		0.0171	0.0033	0.0066	
017	TOTAL PART.		49.7	36.2	17.5	

UCN-723
13 5

DATA SHEET (80 column)

11	NOVEMBER 1973	104	WEST HI-VOL
001	ALUMINUM		2.544
002	CALCIUM		0.7656
003	CHROMIUM		0.0012
004	COPPER		0.2552
005	IRON		0.2552
006	LEAD		0.0255
007	MAGNESIUM		0.8494
008	MANGANESE		0.0128
009	MOLYBDENUM		0.
010	NICKEL		0.0422
011	SILICON		2.539
012	SILVER		0.
013	SODIUM		0.2105
14	TITANIUM		0.0848
015	VANADIUM		0.0042
016	ZINC		0.0128
017	TOTAL PART.		29.0

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12 5

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35	36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
11	NOVEMBER 1973	GASEOUS	FLUORIDE		4	06	
001	K-901 PUMPHOUSE	1.44	0.96	1.8			0.56
002	K-1206D TRAILER	1.12	0.56	0.48			0.4
003	RADIO TOWER	1.36	0.32	0.88			0.24
004	BLAIR ROAD	0.40	-0.16	2.56			0.56
005	CREDIT UNION	0.64	0.16	0.32			1.04
006	WATTS BAR CABIN	1.04	1.04	1.28			1.04
007	WIND VANE P						
008	WIND VANE B						
009							
010							

UCN-13

DATA SHEET (80 column)

11	NOVEMBER 1973	URANIUM			406	
001	K-901 PUMPHOUSE	-0.01	0.03	0.02	-0.01	
002	K-12060 TRAILER	-0.01	-0.01	-0.01	-0.01	
003	RADIO TOWER	-0.01	-0.01	-0.01	-0.01	
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01	
005	CREDIT UNION	-0.01	-0.01	0.04	-0.01	
006	WATTS BAR CABIN	-0.01	0.02	-0.01	0.01	
007	WIND VANE P					
[illegible]	WIND VANE B					
009						
010						

DATA SHEET (80 column)

11	NOVEMBER 1973	CHROMIUM		4D6	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	0.4
002	K-1206D TRAILER	-0.4	0.4	-0.4	0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	0.4
005	CREDIT UNION	-0.4	0.4	-0.4	0.4
006	WATTS BAR CABIN	0.4	-0.4	0.4	0.4
007	WIND VANE P				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

UCN 3
13 1

12 DECEMBER 1973 201 SOUTH HI-VOL

001	ALUMINUM	3.055	2.231		2.479
002	CALCIUM	0.7442	0.7308		0.8120
003	CHROMIUM	0.0031	0.0069		0.0034
004	COPPER	0.1528	0.1115		0.1239
005	IRON	0.7050	0.6923		0.7692
006	LEAD	0.3134	0.1145		0.2137
007	MAGNESIUM	0.1371	0.0962		0.1068
008	MANGANESE	0.0776	0.0762		0.1274
009	MOLYBDENUM	0.0031	0.0023		0.0025
010	NICKEL	0.1449	0.0192		0.0726
011	SILICON	3.016	2.1962		2.436
012	SILVER	0.0006	0.0006		0.0002
013	SODIUM	0.1958	0.1538		0.1709
014	TITANIUM	0.1449	0.0654		0.1154
015	VANADIUM	0.0155	0.0113		0.0126
016	ZINC	0.0137	0.0096		0.0107
017	TOTAL PART:	29.8	45.6		32.6

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13

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
12	DECEMBER 1973	202	NORTH	

001	ALUMINUM	3.053	2.541	2.756	1.522
002	CALCIUM	0.7437	0.7100	0.6713	0.3606
003	CHROMIUM	0.0031	0.0067	0.0028	0.0012
004	COPPER	0.0744	0.0710	0.0671	0.0360
005	IRON	0.7046	0.6726	0.6360	0.3205
006	LEAD	0.3131	0.1495	0.2120	0.0801
007	MAGNESIUM	0.1370	0.1308	0.1237	0.0601
008	MANGANESE	0.0775	0.1487	0.0134	0.0393
009	MOLYBDENUM	0.0031	0.0026	0.0028	0.0016
010	NICKEL	0.0665	0.0187	0.0601	0.0280
011	SILICON	3.014	2.504	2.721	1.482
012	SILVER	0.0006	0.0001	0.0005	0.0002
013	SODIUM	0.1957	0.1495	0.1767	0.0801
014	TITANIUM	0.1448	0.0635	0.1307	0.0681
015	VANADIUM	0.0155	0.0148	0.0140	0.0078
016	ZINC	0.0137	0.0131	0.0124	0.0060
017	TOTAL PART.	29.6	48.0	44.8	20.3

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13

DATA SHEET (80 column)

12 DECEMBER 1973 203 EAST HI-VOL

001	ALUMINUM	1.250	2.590	1.874
002	CALCIUM	0.2962	0.6308	0.7419
003	CHROMIUM	0.0010	0.0026	0.0016
004	COPPER	0.0625	0.1295	0.0742
005	IRON	0.2632	0.5976	0.3124
006	LEAD	0.1316	0.1992	0.0781
007	MAGNESIUM	0.0494	0.1162	0.0586
008	MANGANESE	0.0652	0.0126	0.0383
009	MOLYBDENUM	0.0013	0.0026	0.0020
010	NICKEL	0.1546	0.1892	0.0273
011	SILICON	1.218	2.556	1.835
012	SILVER	0.	0.0005	0.
013	SODIUM	0.0658	0.1660	0.1171
014	TITANIUM	0.0559	0.1228	0.0664
015	VANADIUM	0.0064	0.0131	0.0076
016	ZINC	0.0049	0.0116	0.0058
017	TOTAL PART.	8.0	38.1	24.4

DATA SHEET (80 column)

UCN-72
13

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
12	DECEMBER 1973	204	WEST HI-VOL		
001	ALUMINUM	3.291	4.272	3.684	2.964
002	CALCIUM	0.8017	1.264	0.7953	0.8282
003	CHROMIUM	0.0076	0.0035	0.0033	0.0026
004	COPPER	0.0802	0.0392	0.	0.0305
005	IRON	0.7595	0.7846	0.7534	0.7846
006	LEAD	0.2532	0.1308	0.2093	0.1308
007	MAGNESIUM	0.1477	0.1962	0.1884	0.1090
008	MANGANESE	0.0835	0.1299	0.0285	0.0863
009	MOLYBDENUM	0.0034	0.0436	0.0042	0.0030
010	NICKEL	0.0717	0.0305	0.1967	0.0741
011	SILICON	3.249	4.228	3.642	2.921
012	SILVER	0	0.0001	0.0001	0.0011
013	SODIUM	0.2110	0.3051	0.3349	0.1744
14	TITANIUM	0.1561	0.1177	0.1967	0.1177
015	VANADIUM	0.0167	0.0216	0.0207	0.0128
016	ZINC	0.0148	0.0109	0.0063	0.0109
017	TOTAL PART.	33.6	63.8	49.6	31.7

UCN-723P
13 5.

DATA SHEET (80 column)

12 DECEMBER 1973 GASEOUS FLUORIDE 404

001	K-901 PUMPHOUSE	0.8	0.24	0.96	0.64
002	K-1206D TRAILER	1.28	0.32	1.28	0.54
003	RADIO TOWER	1.52	0.24	1.52	0.48
004	BLAIR ROAD	0.48	0.48	0.64	0.24
005	CREDIT UNION	0.88	0.88	0.4	0.32
006	WATTS BAR CABIN	0.64	0.4	0.72	0.48
007	WIND VANE P				
008	WIND VANE B				
009					
010					

UCN-13

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
12	DECEMBER 1973	URANIUM			4 04			
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01		
002	K-1206D TRAILER	0.02	-0.01	-0.01		-0.01		
003	RADIO TOWER	-0.01	-0.01	-0.01		-0.01		
004	BLAIR ROAD	-0.01	-0.01	0.03		-0.01		
005	CREDIT UNION	0.03	-0.01	-0.01		-0.01		
006	WATTS BAR CABIN	0.03	-0.01	-0.01		-0.01		
007	WIND VANE P							
008	WIND VANE B							
009								
010								

UCN 9
(3)

DATA SHEET (80 column)

12	DECEMBER 1973	CHROMIUM				4	04
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4		
002	K-12060 TRAILER	-0.4	-0.4	-0.4	-0.4		
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4		
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4		
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4		
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4		
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

[redacted]

01	JANUARY 1974	701	SOUTH HI-VOL	
001	ALUMINUM		0.0411	1.196
002	CALCIUM		0.	0.1709
003	CHROMIUM		0.0004	0.0248
004	COPPER		0.1191	0.3376
005	IRON		0.0411	0.3419
006	LEAD		0.0411	0.0214
007	MAGNESIUM		0.0205	0.1923
008	MANGANESE		0.0012	0.0077
009	MOLYBDENUM		0.	0.
010	NICKEL		0.0041	0.0214
011	SILICON		0.2053	1.154
012	SILVER		0.	0.
013	SODIUM		0.	0.0855
014	TITANIUM		0.	0.0128
015	VANADIUM		0.0039	0.0032
016	ZINC		0.	0.
017	TOTAL PART.		59.3	37.6

UCN-7230B
13 5.

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
01	JANUARY 1974	702	NORTH			
001	ALUMINUM		1.956	0.9116		
002	CALCIUM		0.0767	0.1982		
003	CHROMIUM		0.0004	0.0020		
004	COPPER		0.0230	0.2338		
005	IRON		0.4219	0.3964		
006	LEAD		0.1151	0.0238		
007	MAGNESIUM		0.2493	0.2810		
008	MANGANESE		0.0012	0.0071		
009	MOLYBDENUM		0.	0.		
010	NICKEL		0.0268	0.0238		
011	SILICON		1.381	1.466		
012	SILVER		0.	0.		
013	SODIUM		0.0767	0.0793		
14	TITANIUM		0.0192	0.0158		
015	VANADIUM		0.0190	0.0038		
016	ZINC		0.	0.		
017	TOTAL PART.		62.0	35.6		

UCN-72
13

DATA SHEET (80 column)

01	JANUARY 1974	703	EAST HI-VOL
001	ALUMINUM	0.0807	1.333
002	CALCIUM	0.0406	0.2915
003	CHROMIUM	0.0113	0.0021
004	COPPER	0.1574	0.9538
005	IRON	0.0807	0.3332
006	LEAD	0.0404	0.0250
007	MAGNESIUM	0.0606	0.2291
008	MANGANESE	0.0025	0.0075
009	MOLYBDENUM	0.	0.
010	NICKEL	0.0242	0.0708
011	SILICON	0.4037	1.124
012	SILVER	0.	0.
013	SODIUM	0.	0.0833
14	TITANIUM	0.	0.0166
015	VANADIUM	0.0010	0.0035
016	ZINC	0.0004	0.
017	TOTAL PART.	51.5	34.2

UCN-723
13 5

DATA SHEET (80 column)

01	JANUARY 1974	7	04	WEST HI-VOL
001	ALUMINUM		1.656	2.703
002	CALCIUM		0.2616	0.6103
003	CHROMIUM		0.0026	0.0009
004	COPPER		0.2572	0.0392
005	IRON		0.4795	0.0785
006	LEAD		0.0305	0.0436
007	MAGNESIUM		0.2833	0.4577
008	MANGANESE		0.0122	0.0035
009	MOLYBDENUM		0.	0.
010	NICKEL		0.0741	0.0131
011	SILICON		1.613	2.485
012	SILVER		0.	0.
013	SODIUM		0.0872	0.1744
014	TITANIUM		0.0218	0.0305
015	VANADIUM		0.0041	0.0085
016	ZINC		0.	0.
017	TOTAL PART.		72.6	45.9

DATA SHEET (80 column)

01	JANUARY 1974	GASEOUS FLUORIDES 01				
001	K-901 PUMPHOUSE	1.04	0.88	0.32		0.64
002	K-12060 TRAILER	2.64	0.8	1.28	0.72	0.48
003	RADIO TOWER	2.24	5.52	0.48	0.8	0.64
004	BLAIR ROAD	0.32	4.48	0.56	0.64	0.48
005	CREDIT UNION	0.88	0.96	0.8	0.4	0.8
006	WATTS BAR CABIN	0.64	2.0	0.08	0.32	0.96
007	WIND VANE P	2.24	0.16	4.92	0.72	1.76
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48	49 50 51 52 53 54 55 56 57 58 59 60 61 62
01	JANUARY 1974	URANIUM			501			
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01			0.02	
002	K-1206D TRAILER	-0.01	-0.01	0.02		-0.01	-0.01	
003	RADIO TOWER	-0.01	0.02	-0.01		-0.01	-0.01	
004	BLAIR ROAD	-0.01	-0.01	-0.01		-0.01	-0.01	
005	CREDIT UNION	-0.01	-0.01	0.03		-0.01	-0.01	
006	WATTS BAR CABIN	-0.01	0.02	-0.01		-0.01	-0.01	
007	WIND VANE A							
008	WIND VANE B							
009								
010								

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
01	JANUARY 1974	CHROMIUM			501		
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4			-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4		-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4		-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4	-0.4
007	WIND VANE A						
008	WIND VANE B						
009							
010							

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DATA SHEET (80 column)

02	FEBRUARY 1974	7 01	SOUTH HI-VOL
001	ALUMINUM		4.109
002	CALCIUM		2.054
003	CHROMIUM		0.0117
004	COPPER		0.0797
005	IRON		0.3354
006	LEAD		0.0838
007	MAGNESIUM		0.3983
008	MANGANESE		0.0075
009	MOLYBDENUM		0.0002
010	NICKEL		0.0294
011	SILICON		4.067
012	SILVER		0.0001
013	SODIUM		0.1677
014	TITANIUM		0.1132
015	VANADIUM		0.0124
016	ZINC		0.3333
017	TOTAL PART.		35.5

UCN-7230B
3 5-72

DATA SHEET (80 column)

D2	FEBRUARY 1974	702	NORTH HI-VOL
001	ALUMINUM		4.011
002	CALCIUM		2.0057
003	CHROMIUM		0.0074
004	COPPER		0.2415
005	IRON		0.2456
006	LEAD		0.0819
007	MAGNESIUM		0.3889
008	MANGANESE		0.0033
009	MOLYBDENUM		0.0002
010	NICKEL		0.0696
011	SILICON		3.970
012	SILVER		0.0001
013	SODIUM		0.0819
014	TITANIUM		0.1105
015	VANADIUM		0.0080
016	ZINC		0.2026
017	TOTAL PART.		22.8

UCN-7230B
3 5-72)

DATA SHEET (80 column)

02	FEBRUARY 1974	7 03	EAST HI-VOL
001	ALUMINUM		2.416
002	CALCIUM		1.208
003	CHROMIUM		0.0033
004	COPPER		0.1208
005	IRON		0.1249
006	LEAD		0.0416
007	MAGNESIUM		0.3957
008	MANGANESE		0.0033
009	MOLYBDENUM		0.0001
010	NICKEL		0.0708
011	SILICON		3.207
012	SILVER		0.
013	SODIUM		0.0416
014	TITANIUM		0.0708
015	VANADIUM		0.0040
016	ZINC		0.1645
017	TOTAL PART.		17.4

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

02	FEBRUARY 1974	704	WEST HI-VOL
001	ALUMINUM		4.237
002	CALCIUM		2.118
003	CHROMIUM		0.0121
004	COPPER		0.0821
005	IRON		0.7782
006	LEAD		0.0865
007	MAGNESIUM		0.4107
008	MANGANESE		0.0078
009	MOLYBDENUM		0.0002
010	NICKEL		0.0735
011	SILICON		4.194
012	SILVER		0.0002
013	SODIUM		0.1729
014	TITANIUM		0.0303
015	VANADIUM		0.0128
016	ZINC		0.3437
017	TOTAL PART.		24.8

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
02	FEBRUARY 1974	GASEOUS	FLUORIDE	405			
001	K-901 PUMPHOUSE		0.8	0.16			
002	K-12060 TRAILER	1.28	0.4	0.4	0.88		
003	RADIO TOWER	1.2	0.64	0.56			
004	BLAIR ROAD	0.88	0.48	0.56	1.44		
005	CREDIT UNION	0.16	0.34	0.4	0.48		
006	WATTS BAR CABIN	0.16	0.34	0.88	0.72		
007	WIND VANE A	2.08	1.36	1.12	1.2		
008	WIND VANE B						
009							
010							

UCN 3
13 1

DATA SHEET (80 column)

02	FEBRUARY 1974	URANIUM				405	
001	K-901 PUMPHOUSE		-0.01	-0.02	-0.01		
002	K-12060 TRAILER	-0.01	0.02	-0.01	-0.01		
003	RADIO TOWER	-0.01	-0.01	-0.01	0.04		
004	BLAIR ROAD	-0.01	-0.01	-0.02	-0.01		
005	CREDIT UNION	-0.01	0.02	-0.01	-0.01		
006	WATTS BAR CABIN	-0.01	-0.01	-0.01	-0.01		
007	WIND VANE A						
008	WIND VANE B						
009							
010							

UCN-
(3)

DATA SHEET (80 column)

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35	36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
02	FEBRUARY 1974		CHROMIUM			4	05			
001	K-901 PUMPHOUSE			-0.4	-0.4			-0.4		
002	K-12060 TRAILER		-0.4	-0.4	-0.4			-0.4		
003	RADIO TOWER		-0.4	-0.4	-0.4			-0.4		
004	BLAIR ROAD		-0.4	-0.4	-0.4			-0.4		
005	CREDIT UNION		-0.4	-0.4	-0.4			-0.4		
006	WATTS BAR CABIN		-0.4	-0.4	-0.4			-0.4		
007	WIND VANE A									
008	WIND VANE B									
009										
010										

UCN 3
(3)

DATA SHEET (80 column)

03	MARCH 1974	7	01	SOUTH #1-VOL
001	ALUMINUM	1.113	2.528	
002	CALCIUM	0.7555	0.8282	
003	CHROMIUM	0.0032	0.0078	
004	COPPER	0.1153	0.0305	
005	IRON	0.0398	0.1308	
006	LEAD	0.1988	0.1308	
007	MAGNESIUM	0.1789	0.3269	
008	MANGINESE	0.0151	0.0209	
009	MOLYBDENUM	0.0012	0.0013	
010	NICKEL	0.0278	0.0741	
011	SILICON	1.471	2.485	
012	SILVER	0.	0.	
013	SODIUM	0.1590	0.3051	
014	TITANIUM	0.0278	0.0305	
015	VANADIUM	0.0078	0.0085	
016	ZINC	0.0020	0.0022	
017	TOTAL PART.	37.4	18.9	

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

03	MARCH 1974	702	NORTH HI-VOL	
001	ALUMINUM		1.791	2.784
002	CALCIUM		0.8954	0.9121
003	CHROMIUM		0.0038	0.0086
004	COPPER		0.1367	0.0288
005	IRON		0.0471	0.1440
006	LEAD		0.2356	0.0480
007	MAGNESIUM		0.2121	0.3120
008	MANGINESE		0.0179	0.0278
009	MOLYBDENUM		0.0014	0.0019
010	NICKEL		0.0330	0.0816
011	SILICON		1.744	2.736
012	SILVER		0.	0.
013	SODIUM		0.1885	0.2880
014	TITANIUM		0.0330	0.0816
015	VANADIUM		0.0092	0.0190
016	ZINC		0.0024	0.0024
017	TOTAL PART.		42.9	25.0

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

03	MARCH 1974	703	EAST HI-VOL	
001	ALUMINUM		1.430	2.471
002	CALCIUM		0.7151	0.8095
003	CHROMIUM		0.0030	0.0077
004	COPPER		0.1091	0.0128
005	IRON		0.0376	0.0852
006	LEAD		0.1129	0.0426
007	MAGNESIUM		0.0038	0.2769
008	MANGINESE		0.0143	0.0162
009	MOLYBDENUM		0.0011	0.0013
010	NICKEL		0.0640	0.0724
011	SILICON		1.392	2.429
012	SILVER		0.	0.
013	SODIUM		0.1505	0.2556
014	TITANIUM		0.0263	0.0298
015	VANADIUM		0.0073	0.0040
016	ZINC		0.0019	0.0021
017	TOTAL PART.		37.8	19.4

UCN-7230B
3 5-72)

DATA SHEET (80 column)

03	MARCH 1974	704	WEST HI-VOL
001	ALUMINUM	2.025	1.685
002	CALCIUM	1.224	1.286
003	CHROMIUM	0.00340	0.0035
004	COPPER	0.0380	0.0089
005	IRON	0.0422	0.0443
006	LEAD	0.1688	0.0443
007	MAGNESIUM	0.2321	0.1996
008	MANGINESE	0.0202	0.0168
009	MOLYBDENUM	0.0017	0.0013
010	NICKEL	0.0295	0.0310
011	SILICON	1.983	1.641
012	SILVER	0.	0.
013	SODIUM	0.2110	0.1774
014	TITANIUM	0.0717	0.0310
015	VANADIUM	0.0082	0.0042
016	ZINC	0.0021	0.0022
017	TOTAL PART.	41.5	21.8

UCN-7230B
13 5-72

DATA SHEET (80 column)

1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
03	MARCH 1974																GASEOUS FLUORIDE																4	05																											
001	K-901 PUMPHOUSE																	0.48						0.8						0.8						0.64																								
002	K-1206D TRAILER																	0.64						0.8						0.88						0.32																								
003	RADIO TOWER																	0.32						0.8						0.88						0.96																								
004	BLAIR ROAD																	0.48						0.72						0.48						0.56																								
005	CREDIT UNION																	1.04						0.64						0.4						0.96																								
006	WATTS BAR CABIN																	0.4						0.56						0.8						0.64																								
007	WIND VANE P																	0.88												0.4						0.88																								
008	WIND VANE B																																																											
009																																																												
010																																																												

UCN-7720B
(3)

DATA SHEET (80 column)

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
03	MARCH 1974		URANIUM			405			
001	K-901 PUMPHOUSE		-0.01	-0.01	-0.01		-0.01		
002	K-1206D TRAILER		-0.01	-0.01	0.06		-0.01		
003	RADIO TOWER		-0.01	-0.01	-0.01		-0.01		
004	BLAIR ROAD		-0.01	-0.01	-0.01		-0.01		
005	CREDIT UNION		-0.01	-0.01	-0.01		-0.01		
006	WATTS BAR CABIN		-0.01	-0.01	-0.01		-0.01		
007	WIND VANE P								
008	WIND VANE B								
009									
010									

UCN-7230B
(3)

K-

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
03	MARCH 1974	CHROMIUM			405		
001	K-901 PUMPHOUSE	-0.4	-0.04	-0.04		-0.04	
002	K-12060 TRAILER	-0.4	-0.04	-0.04		-0.04	
003	RADIO TOWER	-0.4	-0.04	-0.04		-0.04	
004	BLAIR ROAD	-0.4	-0.04	-0.04		-0.04	
005	CREDIT UNION	-0.4	-0.04	-0.04		-0.04	
006	WATTS BAR CABIN	-0.4	-0.04	-0.04		-0.04	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
04	APRIL 1974	GASEOUS FLUORIDE		502		
001	K-901 PUMPHOUSE	0.48	0.16	0.56	1.12	0.32
002	K-1206D TRAILER	0.32	0.16	0.24	1.2	0.48
003	RADIO TOWER	0.4	0.08	0.56		0.32
004	BLAIR ROAD	0.24	0.48	0.48	1.84	0.32
005	CREDIT UNION	0.24	0.56	0.64	0.24	0.24
006	WATTS BAR CABIN		0.48	0.56	0.32	0.64
007	WIND VANE P		0.8	0.64		0.64
008	WIND VANE B					
009						
010						

UCN-7290B
(3 1)

DATA SHEET (80 column)

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
04	APRIL 1974		URANIUM			502		
001	K-901 PUMPHOUSE		-0.01	-0.01	-0.01		-0.01	-0.01
002	K-12060 TRAILER		-0.01	-0.01	-0.01		-0.01	-0.01
003	RADIO TOWER		-0.01	-0.01	-0.01			-0.01
004	BLAIR ROAD		-0.01	-0.01	-0.01		-0.01	-0.01
005	CREDIT UNION		-0.01	-0.01	-0.01		-0.01	-0.01
006	WATTS BAR CABIN			-0.01	-0.01		-0.01	-0.01
007	WIND VANE P							
008	WIND VANE B							
009								
010								

UCN-
13

DATA SHEET (80 column)

04	APRIL 1974	CHROMIUM			5	02
001	K-901 PUMPHOUSE	-0.04	-0.04	-0.04	-0.04	-0.4
002	K-12060 TRAILER	-0.04	-0.04	-0.04	-0.04	-0.4
003	RADIO TOWER	-0.04	-0.04	-0.04		-0.4
004	BLAIR ROAD	-0.04	-0.04	-0.04	-0.04	-0.4
005	CREDIT UNION	-0.04	-0.04	0.04	-0.04	-0.4
006	WATTS BAR CABIN		-0.04	-0.04	-0.04	-0.4
007	WIND VANE P					
008	WIND VANE B					
009						
010						

UCN-
13

DATA SHEET (80 column)

05	MAY 1974		101	SOUTH HI-VOL	
001	ALUMINUM	1.174	2.508	1.708	1.269
002	CALCIUM	0.7966	0.8214	1.303	0.8613
003	CHROMIUM	0.0004	0.0009	0.	0.0036
004	COPPER	0.	0.0004	0.0404	0.1315
005	IRON	0.0377	0.0821	0.2697	0.0453
006	LEAD	0.0419	0.0865	0.	0.1360
007	MAGNESIUM	0.1048	0.1946	0.1124	0.2040
008	MANGINESE	0.0117	0.0251	0.0171	0.0082
009	MOLYBDENUM	0.0013	0.0013	0.0013	0.0018
010	NICKEL	0.0713	2.464	0.0764	0.0317
011	SILICON	1.132	0.	1.663	1.677
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.0838	0.1729	0.1348	0.
014	TITANIUM	0.0294	0.0735	0.0764	0.0227
015	VANADIUM	0.0019	0.0084	0.0025	0.0088
016	ZINC	0.	0.	0.	0.0431
017	TOTAL PART.	9.4	67.1	50.5	45.8

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27
05	MAY 1974		1	02 NORTH HI-VOL
001	ALUMINUM	1.369		3.264
002	CALCIUM	0.9291		1.872
003	CHROMIUM	0.0005		0.0010
004	COPPER	0.		0.0010
005	IRON	0.0440		0.1392
006	LEAD	0.0489		0.0960
007	MAGNESIUM	0.1222		0.2640
008	MANGINESE	0.0137		0.0326
009	MOLYBDENUM	0.0010		0.0019
010	NICKEL	0.0831		0.0816
011	SILICON	1.320		3.216
012	SILVER	0.		0.
013	SODIUM	0.0978		0.240
014	TITANIUM	0.0342		0.0816
015	VANADIUM	0.0037		0.0094
016	ZINC	0.		0.
017	TOTAL PART.	15.0		78.8

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
05	MAY 1974		103	EAST HI-VOL		
001	ALUMINUM	1.193		2.393	3.323	1.685
002	CALCIUM	0.8095		1.609	3.366	0.8426
003	CHROMIUM	0.0004		0.0008	0.0013	0.0035
004	COPPER	0.		0.0008	0.3366	0.1286
005	IRON	0.0383		0.0784	0.4261	0.0443
006	LEAD	0.0426		0.0825	0.1704	0.0022
007	MAGNESIUM	0.1065		0.1856	0.8308	0.1996
008	MANGANESE	0.0119		0.0239	0.0332	0.0080
009	MOLYBDENUM	0.0008		0.0021	0.0341	0.0018
010	NICKEL	1.265		0.4002	0.2002	0.0754
011	SILICON	1.150		2.764	3.281	1.641
012	SILVER	0.00060		0.	0.	0.
013	SODIUM	0.0852		0.1650	0.2982	0.
014	TITANIUM	0.0298		0.0701	0.1576	0.0222
015	VANADIUM	0.0032		0.0080	0.0040	0.0086
016	ZINC	0.		0.	0.	0.0421
017	TOTAL PART.	8.4		63.5	57.0	45.8

UCN-7230B
'3 5-721

DATA SHEET (80 column)

1 2	3 4 5 6 7	8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
05	MAY 1974			1	04 WEST HI-VOL		
001	ALUMINUM		1.242		3.016	3.488	1.242
002	CALCIUM		0.3991		3.947	4.428	0.8426
003	CHROMIUM		0.0004		0.0009	0.0013	0.0035
004	COPPER		0.		0.0009	0.1744	0.1286
005	IRON		0.0399		0.0842	0.3578	0.0443
006	LEAD		0.0443		0.0887	0.1342	0.0222
007	MAGNESIUM		0.1109		0.1996	0.2460	0.1996
008	MANGANESE		0.0124		0.0257	0.0215	0.0080
009	MOLYBDENUM		0.0009		0.0018	0.0022	0.0018
010	NICKEL		0.0754		0.0754	0.4338	0.0310
011	SILICON		1.197		2.528	3.444	1.641
012	SILVER		0.		0.0016	0.	0.
013	SODIUM		0.0887		0.1774	0.2236	0.
014	TITANIUM		0.0310		0.0754	0.1208	0.0133
015	VANADIUM		0.0033		0.0086	0.0042	0.0086
016	ZINC		0.		0.	0.	0.0421
017	TOTAL PART.		10.5		68.7	58.0	51.4

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35	36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
05	MAY 1974	GASEOUS	FLUORIDE	4	07			
001	K-901 PUMPHOUSE	0.72	0.56	0.56		0.4		
002	K-12060 TRAILER	0.64	0.64	0.88		0.72		
003	RADIO TOWER	0.8	0.56	0.88		0.64		
004	BLAIR ROAD	-0.08	0.16	0.4		0.48		
005	CREDIT UNION	1.52	0.32	0.4		0.72		
006	WATTS BAR CABIN	-0.08	0.24	0.32		0.56		
007	WIND VANE P	2.4	0.96			1.2		
008	WIND VANE B							
009								
010								

UCN-
(3)

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
05	MAY 1974	URANIUM			407			
001	K-901 PUMPHOUSE	-0.01	-0.01	0.02		-0.01		
002	K-1206D TRAILER	-0.01	0.02	-0.01		-0.01		
003	RADIO TOWER	-0.01	0.03	-0.01		-0.01		
004	BLAIR ROAD	-0.01	-0.01	-0.01		-0.01		
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01		
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01		
007	WIND VANE P							
008	WIND VANE B							
009								
010								

UCN (3)

DATA SHEET (80 column)

05	MAY 1974	CHROMIUM		407	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4
007	WIND VANE P				
008	WIND VANE B				
009					
010					

UCN 13 B 1

DATA SHEET (80 column)

06	JUNE 1974	3	01	SOUTH HI-VOL
001	ALUMINUM	0.3671	0.7550	1.196
002	CALCIUM	0.8720	0.7970	2.521
003	CHROMIUM	0.0037	0.0012	0.0008
004	COPPER	0.2279	0.3733	0.4231
005	IRON	0.[illegible]77	0.2936	0.3419
006	LEAD	0.0459	0.0839	0.1282
007	MAGNESIUM	0.0229	0.0629	0.1068
008	MANGANESE	0.0014	0.0034	0.0034
009	MOLYBDENUM	0.	0.0021	0.0017
010	NICKEL	0.0022	0.0294	0.0299
011	SILICON	0.7802	1.552	2.436
012	SILVER	0.	0.	0.
013	SODIUM	0.	0.0839	0.0855
014	TITANIUM	0.0092	0.0294	0.0299
015	VANADIUM	0.0016	0.0040	0.0011
016	ZINC	0.0023	0.	0.
017	TOTAL PART.	24.6	27.7	66.9

UCN-7230B
3 5-72)

DATA SHEET (80 column)

06	JUNE 1974	302	NORTH HI-VOL
001	ALUMINUM		0.8969
002	CALCIUM		1.943
003	CHROMIUM		0.0488
004	COPPER		0.4933
005	IRON		0.3986
006	LEAD		0.0996
007	MAGNESIUM		0.0747
008	MANGANESE		0.0488
009	MOLYBDENUM		0.0299
010	NICKEL		0.0349
011	SILICON		1.844
012	SILVER		0.
013	SODIUM		0.0498
014	TITANIUM		0.0349
015	VANADIUM		0.0037
016	ZINC		0.
017	TOTAL PART.		76.5

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3 5-71

DATA SHEET (80 column)

06	JUNE 1974		303	EAST HI-VOL
001	ALUMINUM	0.1741	1.137	0.7745
002	CALCIUM	1.262	1.178	0.8176
003	CHROMIUM	0.0035	0.0114	0.0034
004	COPPER	0.2568	0.8083	0.0387
005	IRON	0.1741	0.3249	0.3442
006	LEAD	0.0435	0.0406	0.0860
007	MAGNESIUM	0.0218	0.1015	0.0645
008	MANGINESE	0.0013	0.0032	0.0034
009	MOLYBDENUM	0.0013	0.0032	0.0026
010	NICKEL	0.4223	1.097	0.0301
011	SILICON	0.3047	2.315	0.7315
012	SILVER	0.	0.0018	0.
013	SODIUM	0.	0.0812	0.0430
014	TITANIUM	0.0087	0.0284	0.0301
015	VANADIUM	0.0020	0.0038	0.0032
016	ZINC	0.0022	0.	0.
017	TOTAL PART.	24.0	31.1	62.8

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

06	JUNE 1974		304	WEST H 11-VOL
001	ALUMINUM	0.3954	4.871	2.864
002	CALCIUM	0.6371	9.878	6.276
003	CHROMIUM	0.0040	0.0036	0.0034
004	COPPER	0.0417	0.1759	0.1222
005	IRON	0.1318	2.165	1.601
006	LEAD	0.0439	0.0451	0.1685
007	MAGNESIUM	0.0332	0.4285	0.2738
008	MANGINESE	0.0013	0.0216	0.0160
009	MOLYBDENUM	0.0009	0.	0.0029
010	NICKEL	0.0110	0.0316	0.4086
011	SILICON	0.5931	9.788	2.822
012	SILVER	0.	0.	0.0001
013	SODIUM	0.0220	0.0451	0.3791
014	TITANIUM	0.0110	0.2120	0.1558
015	VANADIUM	0.0012	0.0088	0.0040
016	ZINC	0.0013	0.	0.
017	TOTAL PART.	29.0	83.1	91.2

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
06	JUNE 1974	GASEOUS FLUORIDE		404	
001	K-901 PUMPHOUSE	0.64	1.2	1.12	1.36
002	K-1206D TRAILER	0.72	3.04	0.48	1.6
003	RADIO TOWER	1.68	4.40	0.8	1.44
004	BLAIR ROAD	1.76	2.0	1.76	1.36
005	CREDIT UNION	1.2	2.0	2.56	1.92
006	WATTS BAR CABIN	2.96	2.0	3.04	1.52
007	WIND VANE A		0.4		0.8
008	WIND VANE B				
009					
010					

UCN-7230B
(1) 5-72

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
06	JUNE 1974	URANIUM			4	04		
001	K-901 PUMPHOUSE	0.02	-0.01	0.05		-0.01		
002	K-1206D TRAILER	-0.01	-0.01	0.04		-0.01		
003	RADIO TOWER	-0.01	-0.01	-0.01		-0.01		
004	BLAIR ROAD	-0.01	0.02	-0.01		-0.01		
005	CREDIT UNION	-0.01	-0.01	0.02		-0.01		
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01		
007	WIND VANE P							
008	WIND VANE B							
009								
010								

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12	13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55	56 57 58 59 60 61 62
06	JUNE 1974		CHROMIUM			404				
001	K-901 PUMPHOUSE		-0.4	-0.4	-0.4		-0.4			
002	K-1206D TRAILER		-0.4	-0.4	-0.4		-0.4			
003	RADIO TOWER		-0.4	-0.4	-0.4		-0.4			
004	BLAIR ROAD		-0.4	-0.4	-0.4		-0.4			
005	CREDIT UNION		-0.4	-0.4	-0.4		-0.4			
006	WATTS BAR CABIN		-0.4	-0.4	-0.4		-0.4			
007	WIND VANE A									
008	WIND VANE B									
009										
010										

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
07	JULY 1974	3 01	SOUTH HI-VOL		
001	ALUMINUM		0.8282	2.075	2.051
002	CALCIUM		0.1308	0.3459	0.3846
003	CHROMIUM		0.0004	0.2153	0.2128
004	COPPER		0.1700	1.293	1.278
005	IRON		0.0872	2.075	1.624
006	LEAD		0.0872	0.0432	0.1709
007	MAGNESIUM		0.0218	0.4107	1.261
008	MANGANESE		0.1299	0.0856	0.0419
009	MOLYBDENUM		0.	0.	0.0427
010	NICKEL		0.0305	0.0303	0.8419
011	SILICON		1.787	2.464	2.863
012	SILVER		0.0001	0.0024	0.0019
013	SODIUM		0.	0.0432	0.1282
014	TITANIUM		0.0044	0.0086	0.0299
015	VANADIUM		0.0041	0.0041	0.0425
016	ZINC		0.	0.	0.
017	TOTAL PART.		55.0	111.9	57.4

UCN-7230B
'3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
07	JULY 1974	3	02	NORTH HI-VOL		
001	ALUMINUM			0.4062	2.918	1.422
002	CALCIUM			0.1016	1.459	0.3555
003	CHROMIUM			0.	0.2505	0.0005
004	COPPER			0.1473	1.504	0.2488
005	IRON			0.1524	2.414	0.1524
006	LEAD			0.0508	0.0503	0.0508
007	MAGNESIUM			0.	0.9808	0.1270
008	MANGINESE			0.0091	0.0996	0.0091
009	MOLYBDENUM			0.	0.	0.
010	NICKEL			0.0254	1.494	0.3911
011	SILICON			1.879	3.370	2.387
012	SILVER			0.	0.0028	0.
013	SODIUM			0.	0.0503	0.1524
014	TITANIUM			0.	0.0352	0.
015	VANADIUM			0.0038	0.050	0.0048
016	ZINC			0.	0.	0.
017	TOTAL PART.			60.7	133.1	64.6

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

07	JULY 1974	3 03	EAST HI-VOL	
001	ALUMINUM	0.7669	2.090	0.7846
002	CALCIUM	0.0852	0.1741	0.3051
003	CHROMIUM	0.	0.2168	0.0013
004	COPPER	0.1236	0.8663	0.3444
005	IRON	0.0426	1.219	0.3487
006	LEAD	0.0213	0.0435	0.0872
007	MAGNESIUM	0.0213	0.8489	0.1962
008	MANGINESE	0.0077	0.0427	0.0078
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.1150	1.728	0.4228
011	SILICON	1.576	2.481	2.049
012	SILVER	0.0031	0.0024	0.0001
013	SODIUM	0.	0.0435	0.2616
014	TITANIUM	0.	0.0305	0.
015	VANADIUM	0.0032	0.0433	0.0041
016	ZINC	0.	0.	0.
017	TOTAL PART.	50.4	101.7	55.7

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

07	JULY 1974	304	WEST HI-VOL
001	ALUMINUM	1.218	3.518
002	CALCIUM	0.	0.1804
003	CHROMIUM	0.0004	0.0893
004	COPPER	0.1308	2.251
005	IRON	0.0451	1.714
006	LEAD	0.0361	0.0451
007	MAGNESIUM	0.0226	2.233
008	MANGANESE	0.0081	0.2246
009	MOLYBDENUM	0.	0.
010	NICKEL	0.2120	1.791
011	SILICON	2.120	3.473
012	SILVER	0.	0.0025
013	SODIUM	0.	0.0451
014	TITANIUM	0.	0.0316
015	VANADIUM	0.0043	0.0449
016	ZINC	0.	0.
017	TOTAL PART.	53.7	90.2

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
07	JULY 1974	GASEOUS FLUORIDE		502		
001	K-901 PUMP HOUSE	1.04	0.56	1.6	1.6	1.04
002	K-1206D TRAILER	5.92	0.8	1.68	1.68	0.64
003	RADIO TOWER	3.6	0.96	1.52	1.6	0.4
004	BLAIR ROAD	0.16	0.72	0.48	0.96	0.72
005	CREDIT UNION	3.6	0.56	0.8	0.8	1.04
006	WATTS BAR CABIN	2.08	0.72	0.56	0.24	0.48
007	WIND VANE P	0.56	0.24	1.84		0.80
008	WIND VANE B					
009					2.16	
010						

UCN-7236B
(3 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
07	JULY 1974	URANIUM			5	02	
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01	-0.01
002	K-1206D TRAILER	0.02	-0.01	-0.01		-0.01	-0.01
003	RADIO TOWER	-0.01	-0.01	-0.01		-0.01	-0.01
004	BLAIR ROAD	-0.01	-0.01	0.02		-0.01	-0.01
005	CREDIT UNION	-0.01	-0.01	3.3		0.02	-0.01
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01	-0.01
007	WIND VANE P						
008	WIND VANE B						
009							
010							

UCN-7230B
(3 5-72

DATA SHEET (80 column)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
07	JULY 1974																		CHROMIUM															5	0	2																											
001	K-901 PUMPHOUSE																		-0.4						-0.4						-0.4						-0.4						-0.4																	
002	K-1206D TRAILER																		-0.4						-0.4						-0.4						-0.4						-0.4																	
003	RADIO TOWER																		-0.4						-0.4						-0.4						-0.4						-0.4																	
004	BLAIR ROAD																		-0.4						-0.4						-0.4						-0.4						-0.4																	
005	CREDIT UNION																		-0.4						-0.4						-0.4						-0.4						-0.4																	
006	WATTS BAR CABIN																		-0.4						-0.4						-0.4						-0.4						-0.4																	
007	WIND VANE P																																																											
008	WIND VANE B																																																											
009																																																												
010																																																												

UCN-7230B
(3 5-72

DATA SHEET (80 column)

08	AUGUST 1974	
601	SOUTH HL-V.OL	
001	ALUMINUM	0.2249
002	CALCIUM	0.1836
003	CHROMIUM	0.0004
004	COPPER	0.1358
005	IRON	0.1331
006	LEAD	0.0459
007	MAGNESIUM	0.1606
[illegible]	MANGANESE	0.0045
009	MOLYBDENUM	0.
010	NICKEL	0.0211
011	SILICON	0.8995
012	SILVER	0.
013	SODIUM	0.0041
014	TITANIUM	0.0078
015	VANADIUM	0.0009
016	ZINC	0.
017	TOTAL PART:	46.4

UCN-7230B
5-72)

DATA SHEET (80 column)

08	AUGUST 1974	6
02	NORTH HI-VOL	
001	ALUMINUM	0.8825
002	CALCIUM	0.3991
003	CHROMIUM	0.0008
004	COPPER	0.220
005	IRON	0.2173
006	LEAD	0.0887
007	MAGNESIUM	0.3326
008	MANGANESE	0.0088
009	MOLYBDENUM	0.
010	NICKEL	0.0439
011	SILICON	1.756
012	SILVER	0.
013	SODIUM	0.0084
014	TITANIUM	0.0164
015	VANADIUM	0.0018
016	ZINC	0.
017	TOTAL PART.	50.0

UCN-7230B
5-72)

DATA SHEET (80 column)

08	AUGUST 1974	
603	EAST HI-VOL	
001	ALUMINUM	0.3672
002	CALCIUM	2.846
003	CHROMIUM	0.0012
004	COPPER	0.3696
005	IRON	0.2021
006	LEAD	0.1238
007	MAGNESIUM	0.5982
008	MANGANESE	0.0123
009	MOLYBDENUM	0.
010	NICKEL	0.4109
011	SILICON	2.871
012	SILVER	0.
013	SODIUM	0.0408
014	TITANIUM	0.0276
015	VANADIUM	0.0029
016	ZINC	0.
017	TOTAL PART.	49.2

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

08	AUGUST 1974	6 09 WEST HI-VOL
001	ALUMINUM	0.8215
002	CALCIUM	0.8720
003	CHROMIUM	0.0018
004	COPPER	0.4571
005	IRON	0.2249
006	LEAD	0.0918
007	MAGNESIUM	0.4360
	MANGANESE	1.376
009	MOLYBDENUM	0.
010	NICKEL	0.0899
011	SILICON	2.735
012	SILVER	0.
013	SODIUM	0.0133
014	TITANIUM	0.0262
015	VANADIUM	0.
016	ZINC	0.0028
017	TOTAL PART.	60.2

UCN-7230B
5-721

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
08	AUGUST 1974	GASEOUS FLUORIDE		406			
001	K-901 PUMPHOUSE	1.2	0.8	0.56	0.56		
002	K-1206D TRAILER	2.08	0.64	1.04	1.2		
003	RADIO TOWER	1.44	0.24	0.56	0.96		
004	BLAIR ROAD	2.96	0.32	0.72	0.8		
005	CREDIT UNION	0.8	3.52	0.72	0.88		
006	WATTS BAR CABIN	0.4	2.48	0.72	1.76		
007	WIND VANE A		1.60		0.80		
008	WIND VANE B	0.80		0.96			
009							
010							

UCN-7230B
(3) 5-72

K-

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41	42 43 44 45 46 47 48 49
08	AUGUST 1974	URANIUM			406		
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01	
002	K-1206D TRAILER	-0.01	-0.01	-0.01		0.01	
003	RADIO TOWER	-0.01	-0.01	-0.01		-0.01	
004	BLAIR ROAD	-0.01	-0.01	0.02		-0.01	
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01	
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01	
007	WIND VANE A						
008	WIND VANE B						
009							
010							

UCN-7230B
13 5-72

DATA SHEET (80 column)

08	AUGUST 1974	CHROMIUM		4	06
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4
002	K-1206D TRAILER	-0.4	-0.4	-0.4	0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	0.4
005	CREDIT UNION	-0.4	-0.4	-0.4	0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	0.4
007	WIND VANE P				
008	WIND VANE B				
009					
010					

UCN-7230B
(2 5-72)

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15	16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32 33
09	SEPTEMBER 1974	701	SOUTH	HI-VOL
001	ALUMINUM	0.7146	0.2202	0.0854
002	CALCIUM	0.4944	0.1798	0.4045
003	CHROMIUM	0.0013	0.0004	0.0044
004	COPPER	0.3578	0.0881	0.2299
005	IRON	0.1753	0.0851	0.2202
006	LEAD	0.0449	0.0449	0.0449
007	MAGNESIUM	0.4270	0.2022	0.0674
008	MANGANESE	0.1348	0.0044	0.0018
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0431	0.0207	0.0431
011	SILICON	2.229	0.8809	1.780
012	SILVER	0.	0.	0.
013	SODIUM	0.0130	0.0040	0.
014	TITANIUM	0.0211	0.0076	0.0436
015	VANADIUM	0.0022	0.0009	0.0018
016	ZINC	0.	0.	0.0449
017	TOTAL PART.	44.7	37.9	39.0

CN-7230B
5-72)

DATA SHEET (80 column)

09	SEPTEMBER 1974	702	NORTH HI-VOL	
001	ALUMINUM	0.6992	0.2173	0.8976
002	CALCIUM	0.3958	0.1774	0.3157
003	CHROMIUM	0.0008	0.0004	0.0022
004	COPPER	0.2621	0.0071	0.2237
005	IRON	0.1715	0.0842	0.1308
006	LEAD	0.0880	0.0887	0.0361
007	MAGNESIUM	0.3928	0.1996	0.0226
008	MANGANESE	0.0088	0.0044	0.0018
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0422	0.0426	0.0343
011	SILICON	1.741	0.8692	1.786
012	SILVER	0.	0.	0.
013	SODIUM	0.	0.0040	0.
014	TITANIUM	0.0163	0.0075	0.0257
015	VANADIUM	0.0018	0.0009	0.0018
016	ZINC	0.	0.	0.
017	TOTAL PART.	40.1	37.8	35.9

CN-7230B
5-72)

DATA SHEET (80 column)

09	SEPTEMBER 1974	7	03	EAST HI-VOL
001	ALUMINUM	0.9099	0.2309	0.9264
002	CALCIUM	0.4115	0.1885	0.3259
003	CHROMIUM	0.0009	0.0004	0.0046
004	COPPER	0.2268	0.0924	0.1844
005	IRON	0.1326	0.0895	0.0884
006	LEAD	0.0914	0.0942	0.0372
007	MAGNESIUM	0.3429	0.2121	0.0233
[illegible]	MANGANESE	0.0091	0.0047	0.0018
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0439	0.0217	0.0214
011	SILICON	1.811	0.9236	1.844
012	SILVER	0.	0.	0.
013	SODIUM	0.0087	0.0042	0.
014	TITANIUM	0.0169	0.0080	0.0023
015	VANADIUM	0.0018	0.0009	0.0019
016	ZINC	0.	0.	0.0466
017	TOTAL PART.	42.9	40.2	36.7

UCN-7230B
5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33
09	SEPTEMBER 1974		704	WEST HI-VOL	
001	ALUMINUM	1.375		0.2019	0.8397
002	CALCIUM	0.8736		0.3708	0.3797
003	CHROMIUM	0.0018		0.0004	0.0042
004	COPPER	0.4579		0.0808	0.2093
005	IRON	0.2713		0.0783	0.0802
006	LEAD	0.0920		0.0412	0.0338
007	MAGNESIUM	0.8966		0.1854	0.0211
008	MANGANESE	0.0183		0.0041	0.0016
009	MOLYBDENUM	0.		0.	0.
010	NICKEL	0.0901		0.0190	0.0321
011	SILICON	2.740		0.8076	1.671
012	SILVER	0.		0.	0.
013	SODIUM	0.0179		0.0037	0.
014	TITANIUM	0.0354		0.0029	0.0240
015	VANADIUM	0.0037		0.0008	0.0017
016	ZINC	0.		0.	0.0422
017	TOTAL PART.	50.7		36.1	36.1

UCN-7230B
5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34 35	36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55	56 57 58 59 60 61	62
09	SEPTEMBER 1974	GASEOUS	FLUORIDE	4	03					
001	K-901 PUMPHOUSE	0.88	0.48	0.32		0.56				
002	K-1206D TRAILER	0.96	1.12	0.96		0.96				
003	RADIO TOWER	1.84	0.88	0.56		0.88				
004	BLAIR ROAD	0.88	1.04	0.64		2.0				
005	CREDIT UNION	0.96	0.72	0.4		1.44				
006	WATTS BAR CABIN	1.12	1.52	0.96		0.88				
007	WIND VANE P		1.28	0.56						
008	WIND VANE B	1.28		0.40						
009										
010										

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
09	SEPTEMBER 1974	URANIUM			403			
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01		
002	K-1206D TRAILER	-0.01	-0.01	-0.01		-0.01		
003	RADIO TOWER	-0.01	-0.01	-0.01		-0.01		
004	BLAIR ROAD	-0.01	-0.01	-0.01		-0.01		
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01		
006	WATTS BAR CABIN	0.01	-0.01	-0.01		-0.01		
007	WIND VANE A							
008	WIND VANE B							
009								
010								

UCN-7230P
(3 5-72

DATA SHEET (80 column)

09	SEPTEMBER 1974	CHROMIUM		403	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4
002	K-1206D TRAILER	-0.4	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4
007	WIND VANE P				
008	WIND VANE B				
009					
010					

UCN-7230P
(3 5-7)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
10	OCTOBER 1974		301	SOUTH. HI-VOL		
001	ALUMINUM	2.997			2.433	0.8751
002	CALCIUM	4.245			6.458	1.715
003	CHROMIUM	0.0171			0.0242	0.0088
004	COPPER	0.2127			0.2421	0.1302
005	IRON	0.4245			0.2396	0.0836
006	LEAD	0.8576			0.4874	0.1759
007	MAGNESIUM	2.551			2.417	0.8575
008	MANGANESE	0.0428			0.0032	0.0044
009	MOLYBDENUM	0.			0.	0.
010	NICKEL	0.1269			0.0796	0.0246
011	SILICON	4.271			3.639	1.302
012	SILVER	0.			0.	0.
013	SODIUM	0.4284			0.4058	0.1315
014	TITANIUM	0.1274			0.080	0.0207
015	VANADIUM	0.0129			0.0024	0.0009
016	ZINC	0.			0.	0.
017	TOTAL PART.	26.2			67.1	29.2

UCN-7230B
5-72)

DATA SHEET (80 column)

1-0	OCTOBER 1974	302	NORTH HI-VOL
001	ALUMINUM	1.684	1.631
002	CALCIUM	2.489	4.047
003	CHROMIUM	0.0168	0.0327
004	COPPER	0.1249	0.2028
005	IRON	0.4177	0.2003
006	LEAD	0.3376	0.3271
007	MAGNESIUM	1.667	1.615
	MANGANESE	0.0337	0.0040
009	MOLYBDENUM	0.	0.
010	NICKEL	0.0827	0.0392
011	SILICON	2.515	2.437
012	SILVER	0.	0.
013	SODIUM	0.2105	0.2449
014	TITANIUM	0.8426	0.0396
015	VANADIUM	0.0084	0.0016
016	ZINC	0.	0.
017	TOTAL PART.	26.2	52.8

UCN-7230B
5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
10	OCTOBER 1974		303	EAST HI-VOL		
001	ALUMINUM	1.967			2.194	0.9166
002	CALCIUM	2.867			2.155	2.257
003	CHROMIUM	0.0179			0.0175	0.0013
004	COPPER	0.1326			0.1741	0.4588
005	IRON	0.4435			0.1715	0.1336
006	LEAD	0.4480			0.2638	0.1382
007	MAGNESIUM	1.770			0.85755	0.8982
008	MANGANESE	0.0358			0.0088	0.0092
009	MOLYBDENUM	0.			0.	0.
010	NICKEL	0.1326			0.0246	0.0442
011	SILICON	4.014			2.621	0.9028
012	SILVER	0.			0.	0.
013	SODIUM	0.2684			0.2634	0.1377
014	TITANIUM	1.791			0.0426	0.0262
015	VANADIUM	0.0090			0.0018	0.0009
016	ZINC	0.			0.	0.
017	TOTAL PART.	26.2			56.8	35.3

CN-7230B
5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
10	OCTOBER 1974		3	0.4	WEST HI-VOL	
001	ALUMINUM	2.468			3.240	1.293
002	CALCIUM	3.667			3.204	5.145
003	CHROMIUM	0.0123			0.0324	0.
004	COPPER	0.1632			0.4039	0.0847
005	IRON	0.			0.4014	0.2551
006	LEAD	0.6180			0.3244	0.0432
007	MAGNESIUM	2.452			3.224	2.572
008	MANGANESE	0.0412			0.0162	0.0129
009	MOLYBDENUM	0.			0.	0.
010	NICKEL	0.1220			0.0795	0.0415
011	SILICON	4.928			3.228	2.577
012	SILVER	0.			0.	0.
013	SODIUM	0.3704			0.4051	0.
014	TITANIUM	0.2460			0.0799	0.0852
015	VANADIUM	0.0082			0.0032	0.0259
016	ZINC	0.			0.	0.
017	TOTAL PART.	26.2			67.4	45.6

DATA SHEET (80 column)

ICN-7230B
5-72)

10	OCTOBER 1974	GASEOUS FLUORIDES	01						
001	K-901 PUMPHOUSE	0.24	0.96	0.56	1.36	0.4			
002	K-1206D TRAILER	0.4	0.48	0.8	1.12	0.96			
003	RADIO TOWER	0.64	0.88	0.56	1.12	1.76			
004	BLAIR ROAD	0.4	0.8	0.4	1.12	7.84			
005	CREDIT UNION	0.	0.88	1.36	0.96	0.4			
006	WATTS BAR CABIN	0.04	0.88	1.12	1.28	3.84			
007	WIND VANE P	1.20		1.44	1.60				
008	WIND VANE B			0.40					
009									
010									

UCN-7230P
13 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
10	OCTOBER 1974	URANIUM			501		
001	K-901 PUMPHOUSE	-0.01		-0.01		-0.01	-0.01
002	K-1206D TRAILER	-0.01		-0.01		-0.01	-0.01
003	RADIO TOWER	-0.01		-0.01		0.06	-0.01
004	BLAIR ROAD	-0.01	-0.01	-0.01		-0.01	-0.01
005	CREDIT UNION	0.02	-0.01	-0.01		0.03	0.11
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01	-0.01
007	WIND VANE P						
008	WIND VANE B						
009							
010							

UCN-7230P
(3 5-7

DATA SHEET (80 column)

10 OCTOBER 1 19[illegible]		CHROMIUM					501
001	K-901 PUMPHOUSE	-0.4		-0.4	-0.4	-0.4	
002	K-1206D TRAILER	0.4		-0.4	-0.4	-0.4	
003	RADIO TOWER	-0.4		-0.4	-0.4	-0.4	
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4	-0.4	
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4	-0.4	
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4	-0.4	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

UCN-7230B (3 5-72)

DATA SHEET (80 column)

11	NOVEMBER 1974	8 01	SOUTH #1 - VOL
001	ALUMINUM		1.558
002	CALCIUM		0.3514
003	CHROMIUM		0.0039
004	COPPER		0.1156
005	IRON		0.1913
006	LEAD		0.0195
007	MAGNESIUM		0.3709
008	MANGANESE		0.0156
009	MOLYBDENUM		0.0016
010	NICKEL		0.1156
011	SILICON		1.546
012	SILVER		0.
013	SODIUM		0.1948
014	TITANIUM		0.0379
015	VANADIUM		0.0031
016	ZINC		0.
017	TOTAL PART.		29.2

CN-7230B
5-72)

DATA SHEET (80 column)

11	NOVEMBER 1974	802	NORTH HI-VOL
001	ALUMINUM	1.581	1.558
002	CALCIUM	0.7531	0.3514
003	CHROMIUM	0.0031	0.0039
004	COPPER	0.3948	0.1156
005	IRON	0.1942	0.1913
006	LEAD	0.0396	0.0195
007	MAGNESIUM	0.7729	0.3709
	MANGANESE	0.0039	0.0156
009	MOLYBDENUM	0.	0.0016
010	NICKEL	0.0182	0.1156
011	SILICON	1.570	1.546
012	SILVER	0.	0.
013	SODIUM	0.0392	0.1948
014	TITANIUM	0.0384	0.0379
015	VANADIUM	0.0032	0.0031
016	ZINC	0.	0.
017	TOTAL PART.	14.1	29.2

UCN-7230B
5-72)

DATA SHEET (80 column)

11	NOVEMBER 1974	8	03 EAST HI-VOL
001	ALUMINUM	0.9554	1.769
002	CALCIUM	0.9121	0.3991
003	CHROMIUM	0.0048	0.0044
004	COPPER	0.4782	0.1756
005	IRON	0.2352	0.2173
006	LEAD	0.	0.
007	MAGNESIUM	1.416	0.4213
008	MANGANESE	0.0038	0.0132
009	MOLYBDENUM	0.	0.018
010	NICKEL	0.4782	0.1313
011	SILICON	1.901	0.0266
012	SILVER	0.	0.
013	SODIUM	0.0475	0.2213
014	TITANIUM	0.0460	0.
015	VANADIUM	0.0038	0.0035
016	ZINC	0.	0.
017	TOTAL PART.	19.5	28.5

UCN-7230B
5-72)

DATA SHEET (80 column)

11	NOVEMBER 1974	8 04	WEST HI-VOL
001	ALUMINUM	2.140	2.008
002	CALCIUM	1.672	0.7646
003	CHROMIUM	0.0214	0.0402
004	COPPER	0.8559	0.1996
005	IRON	0.3388	0.3179
006	LEAD	0.0858	0.
007	MAGNESIUM	2.123	0.3823
[illegible]	MANGANESE	0.0343	0.0160
009	MOLYBDENUM	0.	0.0020
010	NICKEL	0.2127	0.1996
011	SILICON	3.413	1.996
012	SILVER	0.	0.
013	SODIUM	0.0424	0.2410
014	TITANIUM	0.0416	0.0390
015	VANADIUM	0.0034	0.0032
016	ZINC	0.	0.
017	TOTAL PART.	20.6	34.4

UCN-72308
5-72)

DATA SHEET (80 column)

11	NOVEMBER 1974	GASEOUS FLUORIDE	405		
001	K-901 PUMPHOUSE	1.28	0.72	0.88	0.96
002	K-1206D TRAILER	1.76	0.4	1.92	0.4
003	RADIO TOWER	0.96	0.96	1.44	0.4
004	BLAIR ROAD	1.68	0.64	0.24	0.4
005	CREDIT UNION	1.52	0.48	0.48	0.16
006	WATTS BAR CABIN	0.88	0.56	0.8	0.88
007	WIND VANE P	2.72		0.72	0.96
008	WIND VANE B	2.88			0.24
009					
010					

UCN-7230B
(1) 5-72

DATA SHEET (80 column)

11	NOVLMBER 1974	URANIUM		405	
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01	-0.01
002	K-1206D TRAILER	-0.01	-0.01	-0.01	-0.01
003	RADIO TOWER	-0.01	0.02	-0.01	-0.01
004	BLAIR ROAD	-0.01	0.02	-0.01	-0.01
005	CREDIT UNION	-0.01	0.02	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	-0.01	-0.01	-0.01
007	WIND VANE P				
008	WIND VANE B				
009					
010					

UCN-7230B
(3 5-72

DATA SHEET (80 column)

1 1	NOVEMBER 1974	CHROMIUM		405	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4
002	K-1206D TRAILER	-0.4	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4
007	WIND VANE P				
008	WIND VANE B				
009					
010					

UCN-7230P
(3 5-7

DATA SHEET (80 column)

12	DECEMBER 1974	7 01 SOUTH HI-VOL
001	ALUMINUM	1.186
002	CALCIUM	0.7531
003	CHROMIUM	0.0039
004	COPPER	0.0380
005	IRON	0.0357
006	LEAD	0.0317
007	MAGNESIUM	0.0198
008	MANGANESE	0.0004
009	MOLYBDENUM	0.
010	NICKEL	0.0380
011	SILICON	0.7768
012	SILVER	0.
013	SODIUM	0.0313
014	TITANIUM	0.0028
015	VANADIUM	0.
016	ZINC	0.
017	TOTAL PART.	23.9

UCN-7230B
5-72)

DATA SHEET (80 column)

12	DECEMBER 1974	702 NORTH HI-VOL
001	ALUMINUM	1.203
002	CALCIUM	0.7646
003	CHROMIUM	0.0040
004	COPPER	0.0789
005	IRON	0.0764
006	LEAD	0.0402
007	MAGNESIUM	0.0201
008	MANGANESE	0.0004
009	MOLYBDENUM	0.
010	NICKEL	0.0386
011	SILICON	0.7887
012	SILVER	0.
013	SODIUM	0.0398
014	TITANIUM	0.0028
015	VANADIUM	0.0040
016	ZINC	0.
017	TOTAL PART.	25.9

ICN-7230B
5-72)

DATA SHEET (80 column)

12	DECEMBER 1974	703 EAST HI-VOL
001	ALUMINUM	1.422
002	CALCIUM	0.9039
003	CHROMIUM	0.0047
004	COPPER	0.1408
005	IRON	0.1380
006	LEAD	0.0951
007	MAGNESIUM	0.0238
008	MANGANESE	0.0047
009	MOLYBDENUM	0.
010	NICKEL	0.0457
011	SILICON	0.9324
012	SILVER	0.
013	SODIUM	0.0471
014	TITANIUM	0.0081
015	VANADIUM	0.0048
016	ZINC	0.
017	TOTAL PART.	26.3

CN-7230B
5-721

DATA SHEET (80 column)

12	DECEMBER 1974	704 WEST HI-VOL
001	ALUMINUM	1.657
002	CALCIUM	1.204
003	CHROMIUM	0.0041
004	COPPER	0.1229
005	IRON	0.2035
006	LEAD	0.0830
007	MAGNESIUM	0.0208
008	MANGANESE	0.0041
009	MOLYBDENUM	0.
010	NICKEL	0.0399
011	SILICON	1.229
012	SILVER	0.
013	SODIUM	0.0411
014	TITANIUM	0.0112
015	VANADIUM	0.0042
016	ZINC	0.
017	TOTAL PART.	26.7

DATA SHEET (80 column)

ICN-7230B
5-72)

12 DECEMBER 1974 GASEOUS FLUORIDE 403

001	K-901 PUMPHOUSE	0.08	0.72	0.	0.88
002	K-1206D TRAILER	1.6	1.2	0.24	0.56
003	RADIO TOWER	0.24	1.28	0.08	0.4
004	BLAIR ROAD	0.4	1.6	1.68	1.04
005	CREDIT UNION	0.24	0.8	1.36	0.96
006	WATTS BAR CABIN	1.12	0.96	1.92	
007	WIND VANE P		0.48	1.04	0.08
008	WIND VANE B		1.04		0.40
009					
010					

UCN-7230P
(3 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
12	DECEMBER 1974	URANIUM			403		
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01	
002	K-1206D TRAILER	-0.01	-0.01	-0.01		-0.01	
003	RADIO TOWER	-0.01	-0.01	-0.01		0.02	
004	BLAIR ROAD	-0.01	-0.01	-0.01		0.02	
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01	
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

UCN-7230B
(3 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
12	DECEMBER 1974	CHROMIUM 4 03	
001	K-901 PUMPHOUSE	-0.4 -0.4 -0.4	-0.04
002	K-1206D TRAILER	-0.4 -0.4 -0.4	-0.04
003	RADIO TOWER	-0.4 -0.4 -0.4	-0.04
004	BLAIR ROAD	-0.4 -0.4 -0.4	-0.04
005	CREDIT UNION	-0.4 -0.4 -0.4	-0.04
006	WATTS BAR CABIN	-0.4 -0.4 -0.4	-0.04
007	WIND VANE P		
008	WIND VANE B		
009			
010			

UCN-7230B
(3 5-72

DATA SHEET (80 column)

01	JANUARY 1975	801	SOUTH HI-VOL	
001	ALUMINUM	1.558	2.392	0.7770
002	CALCIUM	1.132	2.356	0.3514
003	CHROMIUM	0.0039	0.0079	0.0007
004	COPPER	0.1156	0.2380	0.0765
005	IRON	0.1913	0.1957	0.0742
006	LEAD	0.0781	0.0799	0.1171
007	MAGNESIUM	0.0195	0.0599	0.0195
008	MANGANESE	0.0039	0.0159	0.0078
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0375	0.1581	0.0765
011	SILICON	1.156	3.179	0.7653
012	SILVER	0.	0.	0.
013	SODIUM	0.0386	0.1593	0.0386
014	TITANIUM	0.0105	0.0787	0.0379
015	VANADIUM	0.0039	0.0080	0.0078
016	ZINC	0.	0.0799	0.
017	TOTAL PART.	15.2	37.0	29.9

DATA SHEET (80 column)

UC .0B
(3 J-72)

01	JANUARY 1975	8	02	NORTH HI-VOL
001	ALUMINUM	2.008	1.618	0.8533
002	CALCIUM	1.167	0.7705	0.3859
003	CHROMIUM	0.0040	0.0081	0.0008
004	COPPER	0.1191	0.2011	0.0840
005	IRON	0.1972	0.1987	0.0815
006	LEAD	0.0805	0.0811	0.2144
007	MAGNESIUM	0.0201	0.0608	0.0214
[illegible]	MANGANESE	0.0040	0.0081	0.0085
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0386	0.0759	0.0840
011	SILICON	1.191	3.228	0.8405
012	SILVER	0.	0.	0.
013	SODIUM	0.0398	0.1618	0.0424
014	TITANIUM	0.0189	0.0799	0.0416
015	VANADIUM	0.0040	0.0162	0.0043
016	ZINC	0.	0.0811	0.
017	TOTAL PART.	20.4	40.6	36.7

UCN-7230B
5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33
01	JANUARY 1975		803	EAST HI-VOL	
001	ALUMINUM	2.251		1.755	0.9166
002	CALCIUM	1.759		0.8355	0.4146
003	CHROMIUM	0.0045		0.0044	0.0009
004	COPPER	0.1335		0.8777	0.0903
005	IRON	0.2661		0.2155	0.0875
006	LEAD	0.1353		0.0880	0.1382
007	MAGNESIUM	0.0226		0.0660	0.0230
008	MANGANESE	0.0045		0.0175	0.0092
009	MOLYBDENUM	0.		0.	0.
010	NICKEL	0.0884		0.0862	0.1363
011	SILICON	1.335		3.50	0.9028
012	SILVER	0.		0.	0.
013	SODIUM	0.0446		0.1755	0.0456
014	TITANIUM	0.0347		0.0866	0.0447
015	VANADIUM	0.0090		0.0176	0.0046
016	ZINC	0.		0.0880	0.
017	TOTAL PART.	26.2		44.3	36.7

DATA SHEET (80 column)

UCN-7230B
3 5-72)

01	JANUARY 1975	8	04	WEST HI-VOL
001	ALUMINUM	2.468	2.392	0.8825
002	CALCIUM	2.431	2.356	0.3991
003	CHROMIUM	0.0041	0.0024	0.0008
004	COPPER	0.0024	0.3179	0.0869
005	IRON	0.4079	0.3155	0.0842
006	LEAD	0.1648	0.1198	0.1330
007	MAGNESIUM	0.0618	0.0998	0.0222
008	MANGANESE	0.0082	0.0199	0.0088
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0808	0.0383	0.0869
011	SILICON	1.632	4.776	0.8692
012	SILVER	0.	0.	0.
013	SODIUM	0.0408	0.2392	0.0439
014	TITANIUM	0.0812	0.0787	0.0430
015	VANADIUM	0.0082	0.0240	0.0044
016	ZINC	0.	0.1198	0.
017	TOTAL PART.	27.2	47.0	20.6

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

01	JANUARY 1975	GASEOUS FLUORIDE	407				
001	K-901 PUMPHOUSE	0.16	0.16	0.72	0.4		
002	K-1206D TRAILER	0.16	0.24	0.56	0.32		
003	RADIO TOWER	0.84	0.48	1.04	1.12		
004	BLAIR ROAD	0.4	0.32	0.8	0.96		
005	CREDIT UNION	0.4	0.8	1.36	0.8		
006	WATTS BAR CABIN	0.16	1.52	0.8	0.4		
007	WIND VANE A	1.20	0.40	0.16	0.		
008	WIND VANE B		0.08	0.96			
009							
010							

UCN-7230P
13 5-75

DATA SHEET (80 column)

01	JANUARY 1975	URANIUM			4	07	
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01	
002	K-1206D TRAILER	-0.01	0.02	-0.01		-0.01	
003	RADIO TOWER	-0.01	-0.01	-0.01		-0.01	
004	BLAIR ROAD	-0.01	-0.01	-0.01		-0.01	
005	CREDIT UNION	-0.01	-0.01	0.08		-0.01	
006	WATTS BAR CABIN	-0.01	0.02	-0.01		-0.01	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

UCN-7230B
(7 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29	30 31 32 33 34	35 36	37 38 39 40 41	42 43 44 45 46 47 48 49
01	JANUARY 1975	CHROMIUM			4	07	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4	
002	K-1206D TRAILER	-0.4	-0.4	-0.4		-0.4	
003	RADIO TOWER	-0.4	-0.4	-0.4		-0.4	
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4	
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4	
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4	
007	WIND VANE A						
008	WIND VANE B						
009							
010							

UCN-7230B
(3 5-72

DATA SHEET (80 column)

02	FEBRUARY 1975	1	01	SOUTH HI-VOL	
001	ALUMINUM	0.7828	0.3984	0.2068	1.203
002	CALCIUM	0.3540	0.1610	0.0422	0.7646
003	CHROMIUM	0.0007	0.0040	0.0042	0.0016
004	COPPER	0.0771	0.1996	0.0827	0.0507
005	IRON	0.0747	0.1972	0.0802	0.
006	LEAD	0.1180	0.0805	0.0422	0.0080
007	MAGNESIUM	0.0197	0.0201	0.0211	0.2616
[illegible]	MANGANESE	0.0078	0.0080	0.0084	0.0020
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	0.0771	0.0225	0.0405	0.0024
011	SILICON	0.7710	0.7887	1.249	1.191
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.0389	0.0801	0.0840	0.0398
014	TITANIUM	0.0382	0.0189	0.0198	0.0390
015	VANADIUM	0.0039	0.0032	0.0034	0.0036
016	ZINC	0.	0.	0.0422	0.0805
017	TOTAL PART.	14.7	15.6	18.6	36.5

UCN-7230B
(1 5-72)

DATA SHEET (80 column)

1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	5
02	F	E	B	R	U	A	R	Y		1	9	7	5				1	0	2	N	O	R	T	H		H	I	-	V	O	L																									
001	A	L	U	M	I	N	U	M						0	.	8	7	5	1	0	.	4	0	4	7	0	.	4	0	9	7	1	.	1	9	4																						
002	C	A	L	C	I	U	M							0	.	3	9	5	8	0	.	1	6	3	5	0	.	1	6	4	8	0	.	7	5	8	8																					
003	C	H	R	O	M	I	U	M						0	.	0	0	0	8	0	.	0	0	4	0	0	.	0	0	4	1	0	.	0	1	9	9																					
004	C	O	P	P	E	R								0	.	0	8	6	2	0	.	2	0	2	8	0	.	2	0	4	4	0	.	2	7	8	0																					
005	I	R	O	N										0	.	0	8	3	6	0	.	2	0	0	3	0	.	2	0	1	9	0	.																									
006	L	E	A	D										0	.	1	3	1	9	0	.	0	8	1	8	0	.	0	8	2	4	0	.	0	1	6	0																					
007	M	A	G	N	E	S	I	U	M					0	.	0	2	0	0	0	.	0	2	0	4	0	.	0	2	0	6	1	.	1	7	8																					
008	M	A	N	G	A	N	E	S	E					0	.	0	8	8	0	0	.	0	0	8	1	0	.	0	0	8	2	0	.	0	0	2	0																					
009	M	O	L	Y	B	D	E	N	U	M				0	.					0	.					0	.					0	.																							
010	N	I	C	K	E	L								0	.	0	8	6	2	0	.	0	3	9	2	0	.	0	3	9	6	0	.	0	3	8	3																					
011	S	I	L	I	C	O	N							0	.	8	6	1	9	0	.	8	0	1	3	1	.	2	2	0		1	.	1	8	2																					
012	S	I	L	V	E	R								0	.					0	.					0	.					0	.																							
013	S	O	D	I	U	M								0	.	0	4	3	5	0	.	0	8	1	4	0	.	0	8	2	0	0	.	1	9	9	3																					
014	T	I	T	A	N	I	U	M						0	.	0	4	2	6	0	.	0	1	9	2	0	.	0	1	9	4	0	.	0	7	8	7																					
015	V	A	N	A	D	I	U	M						0	.	0	0	4	4	0	.	0	0	3	3	0	.	0	0	3	3	0	.	0	0	8	0																					
016	Z	I	N	C																0	.	0	4	0	9	0	.	0	4	1	2	0	.	0	7	9	0																					
017	T	O	T	A	L		P	A	R	T	.			2	2	.	2			2	1	.	5			2	4	.	2			4	0	.	6																							

UCN-7230B
5-72)

DATA SHEET (80 column)

02	FEBRUARY 1975	1	03	EAST HI-VOL	
001	ALUMINUM	0.9166	0.4316	0.4435	1.725
002	CALCIUM	0.4146	0.1744	0.1792	1.254
003	CHROMIUM	0.	0.0043	0.0044	0.0432
004	COPPER	0.0903	0.2162	0.2222	0.3441
005	IRON	0.0875	0.2136	0.2195	
006	LEAD	0.1382	0.0872	0.0896	0.2162
007	MAGNESIUM	0.0230	0.0218	0.0224	1.275
008	MANGANESE	0.0092	0.0087	0.0089	0.2161
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	0.1824	0.0418	0.0430	0.4306
011	SILICON	0.9028	1.290	1.326	1.712
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.0456	0.0867	0.0892	0.4319
014	TITANIUM	0.0447	0.0205	0.0210	0.2149
015	VANADIUM	0.0046	0.0035	0.0036	0.0432
016	ZINC	0.	0.0436	0.0448	0.2162
017	TOTAL PART.	21.9	23.2	24.4	79.7

UCN-7230B
5-72)

DATA SHEET (80 column)

02	FEBRUARY 1975	1 04	WEST	HI-VOL	
001	ALUMINUM	0.770	0.3673	0.3984	1.539
002	CALCIUM	0.3514	0.1484	0.1610	1.119
003	CHROMIUM	0.0007	0.0037	0.0040	0.0385
004	COPPER	0.0765	0.1840	0.1996	0.3071
005	IRON	0.0742	0.1818	0.1972	
006	LEAD	0.1171	0.0742	0.0805	0.1929
007	MAGNESIUM	0.0195	0.0186	0.0604	0.7523
	MANGANESE	0.0078	0.0074	0.0080	0.0192
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	0.0765	0.0356	0.1191	0.3842
011	SILICON	0.7653	1.098	1.191	1.528
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.0386	0.0738	0.2008	0.0382
014	TITANIUM	0.0379	0.0174	0.0390	0.3846
015	VANADIUM	0.0039	0.0030	0.0020	0.0038
016	ZINC		0.0371	0.0805	0.1929
017	TOTAL PART.	19.0	21.1	22.1	17.4

UCN-7230B
5-721

DATA SHEET (80 column)

02	FEBRUARY 1975	GASEOUS FLUORIDE	4	04	
001	K-901 PUMPHOUSE	0.8	1.6	0.72	0.56
002	K-1206D TRAILER	0.4	4.0	0.24	0.88
003	RADIO TOWER	0.24	1.6	0.56	2.24
004	BLAIR ROAD	0.24	1.6		0.24
005	CREDIT UNION	0.	0.8		-0.08
006	WATTS BAR CABIN	0.72	0.8		0.88
007	WIND VANE P		2.4		0.06
008	WIND VANE B	0.08		1.52	
009					
010					

UCN-7230B
10 5-72

DATA SHEET (80 column)

02	FEBRUARY 1975	URANIUM		404	
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01	-0.01
002	K-1206D TRAILER	-0.01	-0.01	-0.01	-0.01
003	RADIO TOWER	-0.01	-0.01	-0.01	-0.01
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01
005	CREDIT UNION	0.03	0.02	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	-0.01	-0.01	-0.01
007	WIND VANE A				
008	WIND VANE B				
009					
010					

UCN-7230B
(3) 5-72

DATA SHEET (80 column)

02	FEBRUARY 1975	CHROMIUM		4	04
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4
002	K-1206D TRAILER	-0.4	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4
007	WIND VANE A				
008	WIND VANE B				
009					
010					

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

03	MARCH 1975	501 SOUTH HI-VOL
001	ALUMINUM	1.769
002	CALCIUM	1.286
003	CHROMIUM	0.8869
004	COPPER	0.220
005	IRON	0.
006	LEAD	0.0887
007	MAGNESIUM	0.8647
008	MANGANESE	0.0221
009	MOLYBDENUM	0.
010	NICKEL	0.4417
011	SILICON	1.313
012	SILVER	0.
013	SODIUM	0.1326
014	TITANIUM	0.1760
015	VANADIUM	0.0044
016	ZINC	0.2217
017	TOTAL PART.	8.7

UCN-7230B
5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 5
03	MARCH 1975	503	EAST HI-VOL	
001	ALUMINUM			1.606
002	CALCIUM			1.167
003	CHROMIUM			0.8048
004	COPPER			0.1996
005	IRON			0.
006	LEAD			0.0805
007	MAGNESIUM			0.7847
[illegible]	MANGANESE			0.0201
009	MOLYBDENUM			0.
010	NICKEL			0.1996
011	SILICON			0.7887
012	SILVER			0.
013	SODIUM			0.2008
014	TITANIUM			0.20
015	VANADIUM			0.0040
016	ZINC			0.2012
017	TOTAL PART.			6.4

HCN-7230B
5-72)

DATA SHEET (80 column)

03	MARCH 1977	504 WEST HI-VOL
001	ALUMINUM	1.80
002	CALCIUM	1.308
003	CHROMIUM	0.9021
004	COPPER	0.2237
005	IRON	0.
006	LEAD	0.0902
007	MAGNESIUM	1.331
008	MANGANESE	0.0225
009	MOLYBDENUM	0.
010	NICKEL	0.4492
011	SILICON	1.786
012	SILVER	0.
013	SODIUM	0.4506
014	TITANIUM	0.4497
015	VANADIUM	0.0045
016	ZINC	0.2255
017	TOTAL PART.	16.9

UCN-7230B
5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
03	MARCH 1975	GASEOUS	FLUORIDE	4 0.4	
001	K-901 PUMPHOUSE	2.16	0.56	0.48	0.56
002	K-1206D TRAILER	0.48	0.96	0.4	0.96
003	RADIO TOWER	0.64	0.48	0.72	
004	BLAIR ROAD	1.6	0.56	0.24	1.12
005	CREDIT UNION	1.2	0.8	0.16	1.52
006	WATTS BAR CABIN	1.12	0.72	0.64	1.36
007	WIND VANE P	0.72		0.32	0.80
008	WIND VANE B	0.96		0.40	0.72
009					
010					

UCN-7230B
13 5-72

DATA SHEET (80 column)

03	MARCH 1975	URANIUM			4	04
001	K-901 PUMPHOUSE	0.01	-0.01	-0.01	-0.01	
002	K-1206D TRAILER	-0.01	-0.01	-0.01	-0.01	
003	RADIO TOWER	-0.01	-0.01	-0.01		
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01	
005	CREDIT UNION	0.01	0.02	0.02	-0.01	
006	WATTS BAR CABIN	0.01	-0.01	0.02	-0.01	
007	WIND VANE P					
008	WIND VANE B					
009						
010						

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41	42 43 44 45 46 47 48 49
03	MARCH 1975	CHROMIUM			4	04	
001	K-901 PUMP HOUSE	-0.4	-0.4	-0.4		-0.4	
002	K-1206D TRAILER	-0.4	-0.4	-0.4		-0.4	
003	RADIO TOWER	-0.4	-0.4	-0.4			
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4	
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4	
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

UCN-7230B
(3) 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33	34 35 36 37 38 39 40
04	APRIL 1975	501	SOUTH HI-VOL	
001	ALUMINUM			0.4280
002	CALCIUM			0.2162
003	CHROMIUM			0.0017
004	COPPER			0.2144
005	IRON			0.4280
006	LEAD			0.0043
007	MAGNESIUM			0.1945
008	MANGANESE			0.0042
009	MOLYBDENUM			0.
010	NICKEL			0.0847
011	SILICON			1.712
012	SILVER			0.
013	SODIUM			0.2157
014	TITANIUM			0.0419
015	VANADIUM			0.0034
016	ZINC			0.
017	TOTAL PART.			73.8

UCN-72308
5-72)

DATA SHEET (80 column)

04	APRIL 1975	502	NORTH HI-VOL
001	ALUMINUM	0.8199	0.3863
002	CALCIUM	0.3708	0.1956
003	CHROMIUM	0.0016	0.0019
004	COPPER	0.4104	0.2425
005	IRON	0.4079	0.2396
006	LEAD	0.0206	0.0098
007	MAGNESIUM	0.1854	0.1222
008	MANGANESE	0.0016	0.0039
009	MOLYBDENUM	0.	0.
010	NICKEL	0.0190	0.1056
011	SILICON	1.2196	1.447
012	SILVER	0.	0.
013	SODIUM	0.0408	0.1462
014	TITANIUM	0.0194	0.0376
015	VANADIUM	0.0016	0.0029
016	ZINC	0.	0.
017	TOTAL PART.	19.5	69.1

UCN-7230B
5-72)

DATA SHEET (80 column)

04	APRIL 1975	503	EAST HI-VOL	
001	ALUMINUM	0.7828	1.159	1.203
002	CALCIUM	0.3540	1.124	1.167
003	CHROMIUM	0.0015	0.0193	0.0201
004	COPPER	0.3918	0.1922	0.8032
005	IRON	0.3895	0.3837	0.8008
006	LEAD	0.0197	0.1938	0.2012
007	MAGNESIUM	0.1770	0.3682	1.791
008	MANGANESE	0.0015	0.1938	0.0040
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0181	0.3860	1.206
011	SILICON	0.7710	1.147	4.813
012	SILVER	0.	0.	0.
013	SODIUM	0.0389	0.3872	1.609
014	TITANIUM	0.0185	0.3864	0.4012
015	VANADIUM	0.0002	0.0019	0.0805
016	ZINC	0.	0.	0.
017	TOTAL PART.	16.1	22.3	101.0

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9 5-72)

DATA SHEET (80 column)

04	APRIL 1975	504	WEST HI-VOL	
001	ALUMINUM	0.7713	2.008	1.194
002	CALCIUM	0.9690	1.569	1.158
003	CHROMIUM	0.0015	0.2012	0.0798
004	COPPER	0.3085	0.4008	1.196
005	IRON	0.3837	0.3984	1.194
006	LEAD	0.1938	0.2012	0.0799
007	MAGNESIUM	0.2907	0.7847	1.178
[illegible]	MANGANESE	0.0193	0.3219	0.1996
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.1922	0.8032	0.0783
011	SILICON	1.922	1.996	2.780
012	SILVER	0.	0.	0.
013	SODIUM	0.1934	0.4020	1.597
014	TITANIUM	0.1926	0.4012	0.0387
015	VANADIUM	0.0016	0.0020	0.0080
016	ZINC	0.	0.	0.
017	TOTAL PART.	22.3	34.0	69.8

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(7 5-72)

DATA SHEET (80 column)

04 APRIL 1975 GASEOUS FLUORIDE 501

001	K-901 PUMPHOUSE	0.72	5.28	0.8	0.64	1.92	
002	K-1206D TRAILER	0.56	1.12	0.96	0.8	1.28	
003	RADIO TOWER	0.88	0.4	1.2	0.56	0.8	
004	BLAIR ROAD	0.64	1.2	1.52	0.56	1.28	
005	CREDIT UNION		1.04	0.72	1.2	0.72	
006	WATTS BAR CABIN	1.04	0.72		1.44	0.24	
007	WIND VANE P		2.08	24.96			
008	WIND VANE B		2.0		1.76		
009							
010							

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13

DATA SHEET (80 column)

04	APRIL 1975	URANIUM			501	
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01	-0.01	-0.01
002	K-12060 TRAILER	-0.01	-0.01	-0.01	-0.01	-0.01
003	RADIO TOWER	-0.01	-0.01	-0.01	-0.01	-0.01
004	BLAIR ROAD	-0.01	0.01	-0.01	-0.01	-0.01
005	CREDIT UNION		0.01	-0.01	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	0.01		-0.01	-0.01
007	WIND VANE P					
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

UCN-7
(3

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
04	APRIL 1975	CHROMIUM			501		
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4	-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4		-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4		-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4	-0.4
005	CREDIT UNION		-0.4	-0.4		-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4			-0.4	-0.4
007	WIND VANE A						
008	WIND VANE B						
009							
010							

UCN-7
13

DATA SHEET (80 column)

05	MAY 1975	8 01	SOUTH HI-VOL
001	ALUMINUM	1.558	0.8136
002	CALCIUM	0.7419	0.3679
003	CHROMIUM	0.0390	0.0016
004	COPPER	1.170	0.4072
005	IRON	1.168	0.4047
006	LEAD	0.0781	0.0204
007	MAGNESIUM	0.7614	0.1840
008	MANGANESE	0.0390	0.0016
009	MOLYBDENUM	0.	0.
010	NICKEL	0.7794	0.0188
011	SILICON	1.937	1.210
012	SILVER	0.	0.
013	SODIUM	0.3901	0.0405
014	TITANIUM	0.3893	0.0192
015	VANADIUM	0.1562	0.0016
016	ZINC	0.	0.
017	TOTAL PART.	53.3	28.9

UCN-7230B
5-72)

DATA SHEET (80 column)

05	MAY 1975	802	NORTH HI-VOL
001	ALUMINUM	1.951	0.2670
002	CALCIUM	0.9271	0.4905
003	CHROMIUM	0.0097	0.0054
004	COPPER	0.7804	0.2158
005	IRON	0.9731	0.2670
006	LEAD	0.0489	0.0272
007	MAGNESIUM	0.9535	0.0817
	MANGANESE	0.0978	0.0043
009	MOLYBDENUM	0.	0.
010	NICKEL	0.4870	0.1776
011	SILICON	1.936	0.2507
012	SILVER	0.	0.
013	SODIUM	0.3907	0.1084
014	TITANIUM	0.0474	0.1074
015	VANADIUM	0.0098	0.0054
016	ZINC	0.	0.
017	TOTAL PART.	39.4	15.8

DATA SHEET (80 column)

05	MAY 1975	8 03	EAST HI-VOL
001	ALUMINUM	1.684	3.167
002	CALCIUM	0.8017	0.7531
003	CHROMIUM	0.0084	0.0079
004	COPPER	0.6734	0.1570
005	IRON	0.8397	0.3924
006	LEAD	0.0422	0.0396
007	MAGNESIUM	0.8228	0.1387
008	MANGANESE	0.0843	0.0039
009	MOLYBDENUM	0.	0.
010	NICKEL	0.4202	0.3948
011	SILICON	1.671	3.155
012	SILVER	0.	0.
013	SODIUM	0.4215	0.2374
014	TITANIUM	0.0409	0.0781
015	VANADIUM	0.0084	0.0079
016	ZINC	0.	0.
017	TOTAL PART.	51.4	26.6

N-7230B
5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 5
05	MAY 1975		804	WEST HI-VOL		
001	ALUMINUM	1.168		3.191		
002	CALCIUM	0.7419		0.7588		
003	CHROMIUM	0.0390		0.0079		
004	COPPER	0.3889		0.1581		
005	IRON	0.7770		0.3954		
006	LEAD	0.0039		0.0399		
007	MAGNESIUM	0.3709		0.1398		
008	MANGANESE	0.0390		0.0079		
009	MOLYBDENUM	0.		0.		
010	NICKEL	0.7794		0.2380		
011	SILICON	1.937		3.179		
012	SILVER	0.		0.		
013	SODIUM	0.1948		0.2392		
014	TITANIUM	0.0379		0.1585		
015	VANADIUM	0.0078		0.0080		
016	ZINC	0.		0.		
017	TOTAL PART.	51.5		31.6		

N-7230B
5-72)

DATA SHEET (80 column)

05	MAY 1975	GASEOUS FLUORIDE	406		
001	K-901 PUMPHOUSE	0.24	1.2	0.8	0.24
002	K-1206D TRAILER	0.56	0.4	1.44	0.72
003	RADIO TOWER	1.36	1.36		1.76
004	BLAIR ROAD	0.32	0.88	1.44	1.2
005	CREDIT UNION	0.24	0.72	3.2	1.28
006	WATTS BAR CABIN	0.24	1.04	1.36	1.52
007	WIND VANE P		1.20	0.72	
008	WIND VANE B	1.12		1.20	
009					
010					

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13 5

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
05	MAY 1975	URANIUM			4 06			
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01		
002	K-1206D TRAILER	-0.01	-0.01	-0.01		-0.01		
003	RADIO TOWER	-0.01	-0.01			-0.01		
004	BLAIR ROAD	-0.01	-0.01	-0.1		-0.01		
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01		
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01		
007	WIND VANE A							
008	WIND VANE B							
009								
010								

DATA SHEET (80 column)

UCN-75
(3 5)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
05	MAY 1976	CHROMIUM			406	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4		-0.4
003	RADIO TOWER	-0.4	-0.4			-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4
007	WIND VANE P					
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

UCN-72
13 5

06	JUNE 1975	GASEOUS FLUORIDE	403		
001	K-901 PUMPHOUSE	0.72	1.68	0.	0.4
002	K-1206D TRAILER	0.24	4.56	1.61	0.24
003	RADIO TOWER	0.32	0.8	0.36	0.56
004	BLAIR ROAD	0.64	1.12	0.72	-0.08
005	CREDIT UNION	0.	0.56	0.32	-0.08
006	WATTS BAR CABIN	1.36	0.56	0.24	0.4
007	WIND VANE P	4.96	0.06		
008	WIND VANE B	0.4	0.32		0.88
009					
010					

UCN-72
13 5

DATA SHEET (80 column)

06	JUNE 1975	URANIUM	403		
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01	-0.01
002	K-12060 TRAILER	-0.01	-0.01	0.04	-0.01
003	RADIO TOWER	-0.01	-0.01	-0.01	-0.01
004	BLAIR ROAD	-0.01	-0.01	0.02	-0.01
005	CREDIT UNION	-0.01	-0.01	-0.01	0.02
006	WATTS BAR CABIN	0.02	-0.01	-0.01	0.03
007	WIND VANE P				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

UCN-72
13 5

06	JUNE 1975	CHROMIUM		403	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4
002	K-1206D TRAILER	-0.4	0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4
007	WIND VANE A				
008	WIND VANE B				
009					
010					

UCN-723
13 5-

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
07	JULY 1975	GASEOUS FLUORIDES		01		
001	K-901 PUMPHOUSE	0.64	0.72	0.4	0.24	1.36
002	K-1206D TRAILER	0.24	0.72	0.24	0.48	0.72
003	RADIO TOWER	0.8	1.04	0.24	1.44	1.12
004	BLAIR ROAD	0.08	0.24	0.56	1.12	1.12
005	CREDIT UNION	0.32	0.72	0.16	0.64	0.24
006	WATTS BAR CABIN	0.96	0.24	0.48		
007	WIND VANE P	0.48		2.24		0.48
008	WIND VANE B		0.72		0.48	
009						
010						

UCN-72?
13 0.

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
07	JULY 1975	URANIUM			501		
001	K-901 PUMPHOUSE	-0.01	0.04	-0.01		-0.01	-0.01
002	K-12060 TRAILER	0.05	-0.04	-0.01		0.02	-0.01
003	RADIO TOWER	-0.01	-0.04	-0.01		-0.01	-0.01
004	BLAIR ROAD	0.01	-0.04	-0.01		0.02	-0.01
005	CREDIT UNION	-0.01	-0.02	-0.01		0.04	-0.01
006	WATTS BAR CABIN	-0.01	0.06	0.02			
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

07	JULY 1975	CHROMIUM			501	
001	K-901 PUMPHOUSE	-0.04	-0.4	-0.4	-0.4	-0.4
002	K-1206D TRAILER	-0.04	-0.4	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.04	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.04	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.04	0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.04	-0.4	-0.4		
007	WIND VANE P					
008	WIND VANE B					
009						
010						

UCN-72
13 5

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33	34 35 36 37 38 39 40
08	AUGUST 1975	5 01	SOUTH HI-VOL	
001	ALUMINUM			0.8533
002	CALCIUM			0.8148
003	CHROMIUM			0.0085
004	COPPER			0.1269
005	IRON			0.1672
006	LEAD			0.1715
007	MAGNESIUM			0.3216
008	MANGANESE			0.0257
009	MOLYBDENUM			0.
010	NICKEL			0.8559
011	SILICON			2.556
012	SILVER			0.
013	SODIUM			0.0853
014	TITANIUM			0.0845
015	VANADIUM			0.0086
016	ZINC			0.
017	TOTAL PART.			50.8

UCN-7230F
(3 5-72)

DATA SHEET (80 column)

08	AUGUST 1975	502	NORTH HI-VOL
001	ALUMINUM		0.4288
002	CALCIUM		1.282
003	CHROMIUM		0.0043
004	COPPER		0.0428
005	IRON		0.1698
006	LEAD		0.0242
007	MAGNESIUM		0.2959
008	MANGANESE		0.0086
009	MOLYBDENUM		0.
010	NICKEL		0.2997
011	SILICON		2.573
012	SILVER		0.
013	SODIUM		0.0429
014	TITANIUM		0.0929
015	VANADIUM		0.0073
016	ZINC		0.
017	TOTAL PART.		48.8

DATA SHEET (80 column)

UCN-7230
3 5-7

08	AUGUST 1975	503	EAST HI-VOL
001	ALUMINUM		1.185
002	CALCIUM		2.338
003	CHROMIUM		0.0118
004	COPPER		0.3155
005	IRON		0.1149
006	LEAD		0.0793
007	MAGNESIUM		0.7729
008	MANGANESE		0.1189
009	MOLYBDENUM		0.
010	NICKEL		0.3036
011	SILICON		3.551
012	SILVER		0.
013	SODIUM		0.1581
014	TITANIUM		0.1177
015	VANADIUM		0.0119
016	ZINC		0.
017	TOTAL PART.		65.5

DATA SHEET (80 column)

UCN-7230P
13 5-72

08	AUGUST 1975	504 WEST HI-VOL
001	ALUMINUM	1.194
002	CALCIUM	2.756
003	CHROMIUM	0.0079
004	COPPER	0.0024
005	IRON	0.1158
006	LEAD	0.0399
007	MAGNESIUM	0.7788
008	MANGANESE	0.0798
009	MOLYBDENUM	
010	NICKEL	5.989
011	SILICON	4.776
012	SILVER	
013	SODIUM	0.1194
14	TITANIUM	0.1186
015	VANADIUM	0.0120
016	ZINC	
017	TOTAL PART.	61.5

DATA SHEET (80 column)

UCN-7230F
13 5-7

D8	AUGUST 1975	GASEOUS FLUORIDE	40S		
001	K-901 PUMPHOUSE	0.72	0.16	0.	0.4
002	K-1206D TRAILER	0.64	0.48	0.24	0.24
003	RADIO TOWER	1.28	0.64	1.36	0.08
004	BLAIR ROAD	0.4	0.24	0.48	0.32
005	CREDIT UNION	0.32	0.64	0.48	0.96
006	WATTS BAR CABIN	3.12	1.04	0.88	0.32
007	WIND VANE P		-0.04		0.16
008	WIND VANE B	-0.04		0.96	
009					
010					

UCN-72
13 5.

DATA SHEET (80 column)

08	AUGUST 1975	URANIUM		405	
001	K-901 PUMPHOUSE	0.01	0.01	-0.01	-0.01
002	K-1206D TRAILER	0.01	0.01	-0.01	0.02
003	RADIO TOWER	0.01	-0.01	0.02	-0.01
004	BLAIR ROAD	0.01	0.01	0.01	-0.01
005	CREDIT UNION	0.01	0.02	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	0.01	-0.01	-0.01
007	WIND VANE P				
[illegible]	WIND VANE B				
009					
010					

UCN-72
13 5.

DATA SHEET (80 column)

08	AUGUST 1975	CHROMIUM		405	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	0.5	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4
007	WIND VANE P				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

UCN-72
13 5-

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
09	SEPTEMBER 1975	601	SOUTH HI-VOL	
001	ALUMINUM	0.4211	0.6398	
002	CALCIUM	0.8082	0.0241	
003	CHROMIUM	0.0034	0.0048	
004	COPPER	0.4236	0.0628	
005	IRON	0.0383	0.0604	
006	LEAD	0.0851	0.1610	
007	MAGNESIUM	0.1914	0.3018	
008	MANGANESE	0.0212	0.0322	
009	MOLYBDENUM	0.	0.	
010	NICKEL	0.0834	0.0016	
011	SILICON	1.684	2.398	
012	SILVER	0.	0.	
013	SODIUM	0.0421	0.0640	
014	TITANIUM	0.0328	0.0632	
015	VANADIUM	0.0042	0.0064	
016	ZINC	0.	0.	
017	TOTAL PART.	51.9	36.2	

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
09	SEPTEMBER 1975	6	02	NORTH HI-VOL	
001	ALUMINUM		0.4245	1.025	
002	CALCIUM		0.3859	0.0086	
003	CHROMIUM		0.0025	0.0034	
004	COPPER		0.0412	0.1698	
005	IRON		0.0386	0.3388	
006	LEAD		0.0429	0.0772	
007	MAGNESIUM		0.1930	0.1501	
008	MANGANESE		0.0214	0.0085	
009	MOLYBDENUM		0.	0.	
010	NICKEL		0.1269	0.0326	
011	SILICON		1.698	1.012	
012	SILVER		0.	0.	
013	SODIUM		0.0424	0.1715	
014	TITANIUM		0.0416	0.0502	
015	VANADIUM		0.0043	0.0093	
016	ZINC		0.	0.	
017	TOTAL PART.		53.2	37.2	

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

D9	SEPTEMBER 1975	6D3	EAST HI-VOL
001	ALUMINUM	0.8397	0.9848
002	CALCIUM	0.3797	0.2061
003	CHROMIUM	0.0033	0.0041
004	COPPER	0.0405	0.1632
005	IRON	0.0398	0.2255
006	LEAD	0.0844	0.0742
007	MAGNESIUM	0.1899	0.1442
008	MANGANESE	0.0210	0.0049
009	MOLYBDENUM	0.	0.
010	NICKEL	1.686	0.2456
011	SILICON	1.671	0.9724
012	SILVER	0.	0.
013	SODIUM	0.0418	0.1644
014	TITANIUM	0.0409	0.0482
015	VANADIUM	0.0042	0.0041
016	ZINC	0.	0.
017	TOTAL PART.	54.8	33.5

UCN-7230B
(3 5-7

DATA SHEET (80 column)

09	SEPTEMBER 1975	6 04	WEST HI-VOL
001	ALUMINUM	0.3984	0.6923
002	CALCIUM	0.3622	0.5346
003	CHROMIUM	0.0032	0.0054
004	COPPER	0.0185	0.0538
005	IRON	0.0362	0.3831
006	LEAD	0.1207	0.0008
007	MAGNESIUM	0.1811	0.1346
008	MANGANESE	0.0201	0.
009	MOLYBDENUM	0.	0.
010	NICKEL	0.0386	0.0011
011	SILICON	1.996	0.9077
012	SILVER	0.	0.
013	SODIUM	0.0398	0.1535
014	TITANIUM	0.0390	0.0527
015	VANADIUM	0.0040	0.0046
016	ZINC	0.	0.
017	TOTAL PART.	54.5	33.5

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

09 SEPTEMBER 1975 GASEOUS FLUORIDE 502

001	K-901 PUMPHOUSE	1.2	3.04	0.24	5.60	0.16
002	K-1206D TRAILER	0.8	2.24	0.48	0.28	0.10
003	RADIO TOWER	0.72	3.12	0.32	1.12	0.12
004	BLAIR ROAD	0.72	1.36	2.24	1.6	0.12
005	CREDIT UNION	0.24	0.4	2.4	0.	0.04
006	WATTS BAR CABIN	0.88	0.72	2.64	0.012	0.4
007	WIND VANE P	1.28		-0.08		1.28
008	WIND VANE B	0.32			0.32	
009						
010						

UCN-72
13 5-

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
09	SEPTEMBER 1975	CHROMIUM		502		
001	K-901 PUMPHOUSE	-0.01	0.01	-0.01	-0.01	-0.01
002	K-12060 TRAILER	-0.01	0.02	-0.01	0.14	-0.01
003	RADIO TOWER	-0.01	-0.01	-0.01	-0.01	0.02
004	BLAIR ROAD	-0.01	-0.01	0.01	0.03	0.02
005	CREDIT UNION	-0.01	-0.01	0.02	-0.01	0.02
006	WATTS BAR CABIN	-0.01	-0.01	-0.01	-0.01	0.03
007	WIND VANE P					
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

UCN-727
13 5-

09	SEPTEMBER 1975	CHROMIUM	502		
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4	-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4	-0.4
007	WIND VANE P					
008	WIND VANE B					
009						
010						

UCN-723
13 5-

DATA SHEET (80 column)

1 2	3 – 18	19 – 25	26 – 28	29 – 31	32 – 35	36 – 37	38 – 40	41 – 43	44 – 46	47 – 49	50 – 52	53 – 55	56 – 58	59 – 61	62
10	OCTOBER 1975	GASEOUS FLUORIDE				407									
001	K-901 PUMPHOUSE						0.16								
002	K-1206D TRAILER		1.12		0.32		0.24								
003	RADIO TOWER		1.2		0.48		2.64								
004	BLAIR ROAD	0.56	0.88		0.4		0.16								
005	CREDIT UNION	0.4	0.64		1.52		0.32								
006	WATTS BAR CABIN	1.52	0.24		0.32		2.16								
007	WIND VANE P		2.40				0.24								
008	WIND VANE B		1.28				0.24								
009															
010															

DATA SHEET (80 column)

UCN-72
13 5-

10	OCTOBER 1975	URANIUM			407	
001	K-901 PUMPHOUSE		-0.01	0.01	-0.01	
002	K-12060 TRAILER	-0.01	0.13	-0.01	-0.01	
003	RADIO TOWER		0.02	0.08	-0.01	
004	BLAIR ROAD		-0.01	-0.01	-0.01	
005	CREDIT UNION		-0.01	-0.01	-0.01	
006	WATTS BAR CABIN		-0.01	-0.01	-0.01	
007	WIND VANE P					
008	WIND VANE B					
009						
010						

UCN-72
13 5

DATA SHEET (80 column)

10	OCTOBER 1975	CHROMIUM 407				
001	K-901 PUMPHOUSE		-0.4	-0.4	-0.4	
002	K-1206D TRAILER	-0.4	-0.4	-0.4	-0.4	
003	RADIO TOWER		-0.4	-0.4	-0.4	
004	BLAIR ROAD		-0.4	-0.4	-0.4	
005	CREDIT UNION		-0.4	-0.4	-0.4	
006	WATTS BAR CABIN		-0.4	-0.4	-0.4	
007	WIND VANE P					
008	WIND VALE B					
009						
010						

DATA SHEET (80 column)

UCN-722
13 5-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
1	1	N	O	V	E	M	B	E	R		1	9	7	5				G	A	S	E	O	U	S		F	L	U	O	R	I	D	E	4	0	4																											
0	0	1	K	-	9	0	1		P	U	M	P	H	O	U	S	E															0	.	2	4			0	.	4																							
0	0	2	K	-	1	2	0	6	0		T	R	A	I	L	E	R		0	.	4				0	.	8				0	.	1	6			0	.	7	2																						
0	0	3	R	A	D	I	O		T	O	W	E	R																		0	.	7	2			0	.	0	8																						
0	0	4	B	L	A	I	R		R	O	A	D							1	.	0	4			0	.	3	2			0	.	3	2			0	.	3	2																						
0	0	5	C	R	E	D	I	T		U	N	I	O	N					-	0	.	0	8		0	.	4	8			1	1	.	2			0	.	2	4																						
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N		0	.	2	4			0	.	8	8			0	.	4				0	.	4																							
0	0	7	W	I	N	D		V	A	N	E		P						0	.	2	4			1	.	5	2																																
0	0	8	W	I	N	D		V	A	N	E		B						0	.	4	8																																						
0	0	9																																																												
0	1	0																																																												

DATA SHEET (80 column)

UCN-727
13 5-

1 2	3	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
11	NOVEMBER 1975	URANIUM																4	0	4																										
001	K-901 PUMPHOUSE															-0.01								-0.01																					
002	K-1206D TRAILER		-0.01						0.01							-0.01								-0.01																					
003	RADIO TOWER															-0.01								-0.01																					
004	BLAIR ROAD		-0.01						-0.01							-0.01								-0.01																					
005	CREDIT UNION		-0.01						-0.01							-0.01								-0.01																					
006	WATTS BAR CABIN		-0.01						-0.01							-0.01								-0.01																					
007	WIND VANE A																																												
008	WIND VANE B																																												
009																																													
010																																													

DATA SHEET (80 column)

UCN-72
13 5-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
1	1	N	O	V	E	M	B	E	R		1	9	7	5					C	H	R	O	M	I	U	M								4	0	4																											
0	0	1	K	-	9	0	1		P	U	M	P	H	O	U	S	E															-0.4						-0.4																									
0	0	2	K	-	1	2	0	6	0		T	R	A	I	L	E	R		-0.4						-0.4						-0.4						-0.4																									
0	0	3	R	A	D	I	O		T	O	W	E	R																								-0.4																									
0	0	4	B	L	A	I	R		R	O	A	D							-0.4						-0.4						-0.4						-0.4																									
0	0	5	C	R	E	D	I	T		U	N	I	O	N					-0.4						-0.4						-0.4						-0.4																									
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N		-0.4						-0.4						-0.4						-0.4																									
0	0	7	W	I	N	D		V	A	N	E		A																																																
0	0	8	W	I	N	D		V	A	N	E		B																																																
0	0	9																																																													
0	1	0																																																													

DATA SHEET (80 column)

UCN-72
13 5

12 DECEMBER 1975 GASEOUS FLUORIDE 502

001	K-901 PUMPHOUSE	0.24	0.16	0.04	0.48	0.24
002	K-12060 TRAILER	21.04	9.2	0.48	0.88	0.4
003	RADIO TOWER	0.32	0.16	0.48	0.96	1.12
004	BLAIR ROAD	1.04	1.28	0.48	0.64	0.48
005	CREDIT UNION	1.92	0.32	0.24	0.24	0.24
006	WATTS BAR CABIN	1.04		0.56	0.96	0.32
007	WIND VANE P	1.52			0.64	
008	WIND VANE B	0.24				
009						
010						

UCN-72
13 5

DATA SHEET (80 column)

1 2	3	19	35					
12	DECEMBER 1975	URANIUM	502					
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01	-0.01	-0.01		
002	K-1206D TRAILER	-0.01	-0.01	-0.01	-0.01	-0.01		
003	RADIO TOWER	-0.01	-0.01	-0.01	0.01	-0.01		
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01	-0.01		
005	CREDIT UNION	-0.01	-0.01	-0.01	-0.01	-0.01		
006	WATTS BAR CABIN	-0.01		-0.01	-0.01	-0.01		
007	WIND VANE P							
008	WIND VANE B							
009								
010								

DATA SHEET (80 column)

UCN-72

12	DECEMBER 1975	CHROMIUM	502		
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4	-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4		-0.4	-0.4	-0.4
007	WIND VANE P					
008	WIND VANE B					
009						
010						

UCN-72:
(3 5.

DATA SHEET (80 column)

01	JANUARY 1976,	1	01	SOUTH HI-VOL	
001	ALUMINUM			0.3681	0.3506
002	CALCIUM			0.3525	0.6893
003	CHROMIUM			0.0167	0.0018
004	COPPER			0.3711	0.1060
005	IRON			0.1818	0.0672
006	LEAD			0.0186	0.0353
007	MAGNESIUM			0.0371	0.0707
008	MANGANESE			0.0134	0.0056
009	MOLYBDENUM			0.	0.
010	NICKEL			0.0341	0.1032
011	SILICON			0.7050	0.3181
012	SILVER			0.	0.
013	SODIUM			0.0712	0.1032
014	TITANIUM			0.0241	0.0053
015	VANADIUM			0.0148	0.0028
016	ZINC			0.	0.
017	TOTAL PART.			2.7	12.9

UCN-7230P
(3 5-7)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21 22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
01	JANUARY 1976	1	02 NORTH HI-VOL		
001	ALUMINUM			0.4056	0.3873
002	CALCIUM			0.3884	0.7614
003	CHROMIUM			0.0184	0.0020
004	COPPER			0.0409	0.0781
005	IRON			0.2003	0.0742
006	LEAD			0.0204	0.0781
007	MAGNESIUM			0.0409	0.0390
008	MANGANESE			0.0106	0.0062
009	MOLYBDENUM			0.	0.
010	NICKEL			0.0376	0.0359
011	SILICON			0.7768	0.7419
012	SILVER			0.	0.
013	SODIUM			0.0785	0.1140
014	TITANIUM			0.0184	0.0059
015	VANADIUM			0.0164	0.0039
016	ZINC			0.	0.
017	TOTAL PART.			1.8	8.2

UCN-7230B
(3 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27 28 29 30 31 32 33	34 35 36 37 38 39 40
01	JANUARY 1976	1	03	EAST HI-VOL	
001	ALUMINUM			0.5422	0.7444
002	CALCIUM			0.3452	0.3550
003	CHROMIUM			0.0182	0.0019
004	COPPER			0.0727	0.1121
005	IRON			0.1780	0.0710
006	LEAD			0.0182	0.0747
007	MAGNESIUM			0.0727	0.0374
008	MANGANESE			0.0131	0.0060
009	MOLYBDENUM			0.	0.
010	NICKEL			0.1788	0.2960
011	SILICON			1.417	0.7100
012	SILVER			0.	0.
013	SODIUM			0.0698	0.1091
014	TITANIUM			0.0164	0.0056
015	VANADIUM			0.0145	0.0037
016	ZINC			0.	0.
017	TOTAL PART.			3.6	9.6

DATA SHEET (80 column)

UCN-7230B
(3 5-7

01	JANUARY 1976	1	04	WEST HI-VOL	
001	ALUMINUM			0.3707	0.6994
002	CALCIUM			0.3550	0.6847
003	CHROMIUM			0.0168	0.0018
004	COPPER			0.	0.0176
005	IRON			0.1831	0.0667
006	LEAD			0.0187	0.0351
007	MAGNESIUM			0.0374	0.0351
008	MANGANESE			0.0060	0.0056
009	MOLYBDENUM			0.	0.
010	NICKEL			0.0717	0.1728
011	SILICON			1.084	1.018
012	SILVER			0.	0.
013	SODIUM			0.0717	0.1025
014	TITANIUM			0.0168	0.
015	VANADIUM			0.0149	0.0035
016	ZINC			0.	0.
017	TOTAL PART.			5.0	11.6

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

01 JANUARY 1976 GASEOUS FLUORIDE 406

001	K-901 PUMPHOUSE	0.32	0.4	0.56	0.08
002	K-1206D TRAILER	0.08	0.96	0.56	6.32
003	RADIO TOWER	0.48	1.04	1.2	0.24
004	BLAIR ROAD	-0.08	0.64	0.16	0.08
005	CREDIT UNION	0.88	0.08	-0.08	0.08
006	WATTS BAR CABIN	0.32	1.6	0.48	0.16
007	WIND VANE P	0.08	0.72		
008	WIND VANE B	0.56			
009					
010					

DATA SHEET (80 column)

UCN-72
13 5-

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
01	JANUARY 1976	URANIUM			4 0 6			
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01		
002	K-1206D TRAILER	-0.01	-0.01	0.02		-0.01		
003	RADIO TOWER	-0.01	-0.01	-0.01		-0.01		
004	BLAIR ROAD	-0.01	-0.01	-0.01		-0.01		
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01		
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01		
007	WIND VANE P							
008	WIND VANE B							
009								
010								

DATA SHEET (80 column)

UCN-72:
(3 5-

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
01	JANUARY 1976	CHROMIUM	406	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4 -0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4 -0.4
003	RADIO TOWER	-0.4	-0.4	-0.4 -0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4 -0.4
005	CREDIT UNION	-0.4	-0.4	-0.4 -0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4 -0.4
007	WIND VANE P			
008	WIND VANE B			
009				
010				

DATA SHEET (80 column)

UCN-72
(3 5

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
02	FEBRUARY 1976	201	SOUTH HI-VOL	
001	ALUMINUM	5.295	3.656	
002	CALCIUM	2.632	2.177	
003	CHROMIUM	0.0248	0.0165	
004	COPPER	0.2318	0.1829	
005	IRON	0.9901	0.7281	
006	LEAD	0.0662	0.0366	
007	MAGNESIUM	0.0993	0.0732	
008	MANGANESE	0.0218	0.0168	
009	MOLYBDENUM	0	0	
010	NICKEL	0.1298	0.0702	
011	SILICON	3.940	3.622	
012	SILVER	0	0	
013	SODIUM	0.3285	0.2532	
014	TITANIUM	0.0083	0.0055	
015	VANADIUM	0.0099	0.0073	
016	ZINC	0.0033	0.0022	
017	TOTAL PART.	45.0	53.9	

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

02	FEBRUARY 1976	202	NORTH HI-VOL
001	ALUMINUM	3.708	3.605
002	CALCIUM	2.208	2.146
003	CHROMIUM	0.0167	0.1786
004	COPPER	0.1855	0.1804
005	IRON	0.7384	0.7179
006	LEAD	0.0371	0.0722
007	MAGNESIUM	0.0742	0.1082
008	MANGANESE	0.0171	0.0166
009	MOLYBDENUM	0.	0.
010	NICKEL	0.0712	0.0693
011	SILICON	3.673	3.211
012	SILVER	0.	0.
013	SODIUM	0.2568	0.3579
014	TITANIUM	0.0056	0.0054
015	VANADIUM	0.0074	0.0072
016	ZINC	0.0026	0.0022
017	TOTAL PART.	40.4	51.0

DATA SHEET (80 column)

UCN-7230B
(3 5-72)

02	FEBRUARY 1976	203	EAST HI-VOL
001	ALUMINUM	2.576	
002	CALCIUM	1.824	
003	CHROMIUM	0.0055	
004	COPPER	1.105	
005	IRON	0.3648	
006	LEAD	0.0184	
007	MAGNESIUM	0.0368	
008	MANGANESE	0.0059	
009	MOLYBDENUM	0.0015	
010	NICKEL	0.0339	
011	SILICON	2.174	
012	SILVER	0	
013	SODIUM	0.1076	
014	TITANIUM	0.0018	
015	VANADIUM	0.0037	
016	ZINC	0.0011	
017	TOTAL PART.	24.9	

UCN-7230B
(3 5-7

DATA SHEET (80 column)

02	FEBRUARY 1976	204	WEST HI-VOL
001	ALUMINUM	5.653	3.532
002	CALCIUM	2.810	2.103
003	CHROMIUM	0.0265	0.0159
004	COPPER	0.2474	0.1767
005	IRON	1.057	0.7034
006	LEAD	0.0707	0.0707
007	MAGNESIUM	0.1060	0.1060
008	MANGANESE	0.0233	0.0163
009	MOLYBDENUM	0	0
010	NICKEL	0.1386	0.0679
011	SILICON	4.206	2.792
012	SILVER	0	0
013	SODIUM	0.3506	0.3153
014	TITANIUM	0.0088	0.0053
015	VANADIUM	0.0106	0.0071
016	ZINC	0.0035	0.0018
017	TOTAL PART.	49.3	48.7

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

02 FEBRUARY 1976 GASEOUS FLUORIDE 403

001	K-901 PUMPHOUSE	0.4	0.24	0.08		
002	K-1206D TRAILER	0.56	-0.08	-0.08		
003	RADIO TOWER	0.8	-0.08	0.88	0.32	
004	BLAIR ROAD	0.32	0.32	-0.08	0.48	
005	CREDIT UNION	0.08	0.4	2.64	0.4	
006	WATTS BAR CABIN	1.76	0.24	0.24	0.72	
007	WIND VANE P		0.48	0.88	0.32	
008	WIND VANE B	0.08	-0.08		0.24	
009						
010						

DATA SHEET (80 column)

UCN-72
13 5

1–3	4–18	19–34	35–37	38–62
02	FEBRUARY 1976	URANIUM	403	
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01	-0.01
002	K-12060 TRAILER	0.03	0.01	-0.01	
003	RADIO TOWER	0.02	-0.01	-0.01	0.02
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01
005	CREDIT UNION	-0.01	-0.01	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	-0.01	-0.01	-0.01
007	WIND VANE P				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

UCN-72
13 5.

02	FEBRUARY 1976.	CHROMIUM		4	03
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4	
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4
007	WIND VANE A				
008	WIND VANE B				
009					
010					

UCN-727
13 5

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27	28 29 30 31 32 33 34	35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
03	MARCH 1976	8	01	SOUTH HI-VOL			
001	ALUMINUM			1.137	1.151		
002	CALCIUM			1.502	1.135		
003	CHROMIUM			0.0171	0.0096		
004	COPPER			0.1901	0.1154		
005	IRON			0.1863	0.1115		
006	LEAD			0.1141	0.0769		
007	MAGNESIUM			0.7604	0.2308		
008	MANGANESE			0.0365	0.0215		
009	MOLYBDENUM			0.	0.		
010	NICKEL			0.1110	0.1123		
011	SILICON			4.144	1.885		
012	SILVER			0.	0.		
013	SODIUM			0.1110	0.0354		
014	TITANIUM			0.0741	0.0288		
015	VANADIUM			0.0076	0.0038		
016	ZINC			0.	0.		
017	TOTAL PART.			70.6	33.0		

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

03	MARCH 1976	8	02	NORTH HI-VOL
001	ALUMINUM		0.3437	0.7137
002	CALCIUM		1.022	1.057
003	CHROMIUM		0.0052	0.0090
004	COPPER		0.0693	0.1075
005	IRON		0.0658	0.1039
006	LEAD		0.0346	0.
007	MAGNESIUM		0.1732	0.2150
008	MANGANESE		0.0125	0.0201
009	MOLYBDENUM		0.	0.
010	NICKEL		0.0319	0.1046
011	SILICON		1.351	1.791
012	SILVER		0.	0.
013	SODIUM		0.0319	0.0330
014	TITANIUM		0.0260	0.0287
015	VANADIUM		0.0031	0.0018
016	ZINC		0.	0.
017	TOTAL PART.		40.7	31.2

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
03	MARCH 1976	8	03	EAST HI-VOL			
001	ALUMINUM			0.6124	0.8078		
002	CALCIUM			1.013	1.196		
003	CHROMIUM			0.0092	0.1196		
004	COPPER			0.1023	0.1216		
005	IRON			0.1003	0.1176		
006	LEAD			0.1023	0		
007	MAGNESIUM			0.1637	0.2433		
008	MANGANESE			0.0156	0.0227		
009	MOLYBDENUM			0.	0.		
010	NICKEL			0.6124	0.1184		
011	SILICON			1.208	1.987		
012	SILVER			0.	0.		
013	SODIUM			0.0802	0.0373		
14	TITANIUM			0.0194	0.0304		
015	VANADIUM			0.0102	0.0040		
016	ZINC			0.	0.		
017	TOTAL PART.			48.3	29.4		

UCN-7230B
13 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
D3	MARCH 1976	8	0.4	WEST	H1=VOL		
001	ALUMINUM			0.3415	1.1102		
002	CALCIUM			1.015	1.455		
003	CHROMIUM			0.0103	0.1824		
004	COPPER			0.0086	0.1842		
005	IRON			0.1033	0.1805		
006	LEAD			0.0688	0.1105		
007	MAGNESIUM			0.2375	0.7369		
008	MANGANESE			0.0172	0.0354		
009	MOLYBDENUM			0	0.		
010	NICKEL			0.0661	0.1076		
011	SILICON			1.687	3.648		
012	SILVER			0	0.		
013	SODIUM			0.0344	0.0707		
014	TITANIUM			0.0327	0.0718		
015	VANADIUM			0.0034	0.0074		
016	ZINC			0.	0.		
017	TOTAL PART.			61.2	40.1		

DATA SHEET (80 column)

UCN-7230B
(3 5-7

1 2	3 4 5 6 7 8 9 10 11	12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
03	MARCH 1976		GASEOUS FLUORIDES		501		
001	K-901 PUMPHOUSE		0.30	0.12	-0.08	0.24	0.16
002	K-1206D TRAILER		0.32	0.08	1.12		-0.08
003	RADIO TOWER		1.12	0.32	1.36	0.32	0.48
004	BLAIR ROAD		0.16	0.2	0.8	0.64	0.4
005	CREDIT UNION		0.24	-0.08	0.08	0.24	0.24
006	WATTS BAR CABIN		0.16	0.4	0.32	0.16	0.32
007	WIND VANE P						0.08
008	WIND VANE B			0.32			0.16
009							
010							

UCN-77
13

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
03	MARCH 1976	URANIUM			501		
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01	-0.01
002	K-1206D TRAILER	0.15	-0.01	-0.01			0.04
003	RADIO TOWER	-0.01	-0.01	-0.01		-0.01	-0.01
004	BLAIR ROAD	-0.01	-0.01	-0.01		-0.01	0.02
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01	0.01
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01	-0.01
007	WIND VANE P						
008	WIND VANE B						
009							
010							

UCN-72
13

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
03	MAP C# 1776	CHROMIUM	501		
001	K-901 PUMPHOUSE	-0	-0.4	-0.4	-0.4
002	K-1206D TRAILER	-0	-0.4	-0.4	-0.4
003	RADIO TOWER	-0	-0.4	0.4	-0.4
004	BLAIR ROAD	-0	-0.4	-0.4	-0.4
005	CREDIT UNION	-0	-0.4	0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4
007	WIND VANE A				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

UCN-72
(3 E

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33	34 35 36 37 38 39 40
04	APRIL 1976	3	01 SOUTH HI-VOL	
001	ALUMINUM		0.7289	1.058	0.3845
002	CALCIUM		0.7135	1.043	0.3682
003	CHROMIUM		0.0055	0.0088	0.0058
004	COPPER		0.4391	0.2828	0.0775
005	IRON		0.3622	0.3499	0.0736
006	LEAD		0.	0.	0.0775
007	MAGNESIUM		0.3659	0.3535	0.3876
008	MANGANESE		0.0351	0.1753	0.
009	MOLYBDENUM		0.0146	0.	0.0001
010	NICKEL		0.1434	0.1032	0.0357
011	SILICON		3.622	3.853	1.5116
012	SILVER		0.	0.	0.0001
013	SODIUM		0.0337	0.0679	0.0163
14	TITANIUM		0.0348	0.0336	0.0058
015	VANADIUM		0.0366	0.0071	0.0003
016	ZINC		0.0732	0.1060	0.3488
017	TOTAL PART.		34.5	49.3	25.7

UCN-7230B
13 5-77

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33	34 35 36 37 38 39 40
04	APRIL 1976	302	NORTH HI-VOL	
001	ALUMINUM	0.6902	0.7444	0.4186
002	CALCIUM	1.022	0.7287	0.4008
003	CHROMIUM	0.0156	0.0056	0.0063
004	COPPER	0.3465	0.2242	0.0844
005	IRON	0.3430	0.7436	0.0802
006	LEAD	0.	0.	0.0211
007	MAGNESIUM	0.3465	0.7474	0.8439
008	MANGANESE	0.0333	0.0359	0.0068
009	MOLYBDENUM	0.0035	0.	0.0002
010	NICKEL	0.1705	0.2586	0.0388
011	SILICON	3.777	2.952	0.8017
012	SILVER	0.	0.	0.0001
013	SODIUM	0.0665	0.0344	0.0051
014	TITANIUM	0.0676	0.0355	0.0063
015	VANADIUM	0.0346	0.0149	0.0003
016	ZINC	0.0693	0.0747	0.3797
017	TOTAL PART.	33.7	35.2	29.5

UCN-7230P
13 5-7

DATA SHEET (80 column)

04	APRIL 1976		303 EAST HI-VOL	
001	ALUMINUM	1.964	1.535	0.3944
002	CALCIUM	1.947	1.519	0.3777
003	CHROMIUM	0.0177	0.0135	0.0775
004	COPPER	1.574	0.7692	0.1988
005	IRON	1.176	0.7654	0.1153
006	LEAD	0.	0.	0.0199
007	MAGNESIUM	1.180	0.7692	0.7952
008	MANGANESE	0.0771	0.0369	0.
009	MOLYBDENUM	0.0079	0.0038	0.0002
010	NICKEL	1.964	1.535	0.7920
011	SILICON	9.402	5.731	1.1531
012	SILVER	0.	0.	0.0001
013	SODIUM	0.1149	0.0738	0.1161
014	TITANIUM	0.1947	0.0750	0.0060
015	VANADIUM	0.0157	0.0154	0.0004
016	ZINC	0.1967	0.0385	0.3579
017	TOTAL PART.	47.0	53.9	29.0

UCN-7230P
(3 5-7

DATA SHEET (80 column)

04	APRIL 1976		304	WEST HI-VOL
001	ALUMINUM	0.7089	1.087	0.8412
002	CALCIUM	1.050	1.435	0.8235
003	CHROMIUM	0.0053	0.1799	0.0063
004	COPPER	0.1779	0.0727	0.0422
005	IRON	0.3523	0.7231	0.1225
006	LEAD	0.	0.	0.0211
007	MAGNESIUM	0.3559	0.7267	0.8446
008	MANGANESE	0.0271	0.0349	0.
009	MOLYBDENUM	0.	0.	0.0002
010	NICKEL	0.1039	0.1788	0.1233
011	SILICON	4.591	4.688	1.2247
012	SILVER	0.	0.	0.
013	SODIUM	0.1751	0.0698	0.0177
014	TITANIUM	0.0338	0.0345	0.0063
015	VANADIUM	0.0071	0.0073	0.0004
016	ZINC	0.0712	0.0073	0.4223
017	TOTAL PART.	35.2	51.1	29.5

UCN-7230P
(3 5-

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
04	APRIL 1976	GASEOUS	FLUORIDE	406	
001	K-901 PUMPHOUSE	0.32	0.32	0.24	0.96
002	K-1206D TRAILER	-0.08	0.32	0.24	0.8
003	RADIO TOWER	0.8	0.48	0.32	0.72
004	BLAIR ROAD	0.16	-0.08	-0.08	0.32
005	CREDIT UNION	-0.08	-0.08	-0.08	0.16
006	WATTS BAR CABIN	0.32	-0.08	-0.08	0.16
007	WIND VANE P	0.32			
008	WIND VANE B	0.16			
009					
010					

UCN-72
15 5

DATA SHEET (80 column)

04	APRIL 1976	URANIUM	4	06	
001	K-901 PUMPHOUSE	0.03	-0.01	-0.01	-0.01
002	K-1206D TRAILER	-0.01	-0.01	-0.01	-0.01
003	RADIO TOWER	-0.01	-0.01	-0.01	-0.01
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01
005	CREDIT UNION	-0.01	-0.01	0.02	-0.01
006	WATTS BAR CABIN	-0.01	-0.01	-0.01	-0.01
007	WIND VANE A				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

UCN-72
13 5.

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
04	APRIL 1976	CHROMIUM	406	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4
007	WIND VANE A			
008	WIND VANE B			
009				
010				

DATA SHEET (80 column)

05	MAY 1976	3	01	SOUTH HI-VOL
001	ALUMINUM	0.7836	1.1180	
002	CALCIUM	0.1770	1.1024	
003	CHROMIUM	0.00590		
004	COPPER	0.0787	0.1868	
005	IRON	0.0747	0.1457	
006	LEAD	0.0787	0.0747	
007	MAGNESIUM	0.7868	0.0747	
008	MANGANESE	0.0063	0.0060	
009	MOLYBDENUM	0.0002	0.	
010	NICKEL	0.1935	0.1091	
011	SILICON	1.5342	0.710	
012	SILVER	0.0001	0.	
013	SODIUM	0.0165	0.0157	
014	TITANIUM	0.0059	0.0056	
015	VANADIUM	0.0016	0.0030	
016	ZINC	0.3541	0.0075	
017	TOTAL PART.	46.7	35.5	

UCN-7230F
13 5-7

DATA SHEET (80 column)

05	MAY 1976	3	0.2	NORTH HI-VOL
001	ALUMINUM		0.8141	1.5892
002	CALCIUM		0.1839	1.1744
003	CHROMIUM		0.0061	0.0020
004	COPPER		0.1226	0.3981
005	IRON		0.1185	0.3941
006	LEAD		0.0204	0.0796
007	MAGNESIUM		0.8173	0.0796
008	MANGANESE		0.0065	0.0064
009	MOLYBDENUM		0.0001	0.
010	NICKEL		0.0090	0.1959
011	SILICON		1.5938	1.1545
012	SILVER		0.	0.
013	SODIUM		0.0172	0.0167
014	TITANIUM		0.0061	0.0060
015	VANADIUM		0.0016	0.0024
016	ZINC		0.4087	0.0080
017	TOTAL PART.		52.5	37.1

UCN-7230
(3 5-

DATA SHEET (80 column)

05	MAY 1976	303	EAST HI-VOL	
001	ALUMINUM		0.3932	2.2078
002	CALCIUM		0.0991	2.1923
003	CHROMIUM		0.0377	0.0055
004	COPPER		0.1189	0.7369
005	IRON		0.1149	0.3648
006	LEAD		0.0277	0.0368
007	MAGNESIUM		0.3964	0.1842
008	MANGANESE		0.0103	0.0133
009	MOLYBDENUM		0.0001	0.0074
010	NICKEL		0.3932	0.3655
011	SILICON		1.1994	1.8055
012	SILVER		0.	0.
013	SODIUM		0.0087	0.0339
014	TITANIUM		0.0099	0.0129
015	VANADIUM		0.0002	0.0029
016	ZINC		0.1585	0.0147
017	TOTAL PART.		54.8	41.7

UCN-7230
13 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33
05	MAY 1976	304	WEST HI-VOL	
001	ALUMINUM		0.6723	3.2674
002	CALCIUM		0.2531	3.2522
003	CHROMIUM		0.0084	0.0164
004	COPPER		0.0675	0.2907
005	IRON		0.1316	0.7231
006	LEAD		0.1350	0.0727
007	MAGNESIUM		1.0125	0.2180
008	MANGANESE		0.0088	0.0203
009	MOLYBDENUM		0.0001	0.
010	NICKEL		0.6723	0.1061
011	SILICON		1.9912	2.8706
012	SILVER		0.	0.
013	SODIUM		0.0074	0.0698
014	TITANIUM		0.0084	0.0200
015	VANADIUM		0.0020	0.0073
016	ZINC		0.3375	0.0727
017	TOTAL PART.		47.2	59.3

UCN-7230
13 5-7

DATA SHEET (80 column)

05 MAY 1976 GASEOUS FLUORIDE 404

001	K-901 PUMPHOUSE	0.08	0.08	0.08	0.08	
002	K-1206D TRAILER	0.08	0.32	0.32	-0.08	
003	RADIO TOWER	0.08	0.48	0.32	0.4	
004	BLAIR ROAD	0.48	0.08	1.12	0.08	
005	CREDIT UNION	0.48	0.24	0.96	-0.08	
006	WATTS BAR CABIN	0.08	0.08	1.04	0.48	
007	WIND VANE A		0.08			
008	WIND VANE B		0.16			
009						
010						

UCN-72
13 5

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
05	MAY 1976	URANIUM			4	04		
001	K-901 PUMPHOUSE	-0.01	-0.01	0.08		-0.01		
002	K-12060 TRAILER	0.01	0.01	0.02		-0.01		
003	RADIO TOWER	0.01	-0.01	-0.01				
004	BLAIR ROAD	-0.01	-0.01	0.02		-0.01		
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01		
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01		
007	WIND VANE A							
008	WIND VANE B							
009								
010								

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
05	MAY 1976	CHROMIUM	404	
001	K-901 PUMPHOUSE	-0.4 -0.4 -0.4 -0.4		
002	K-1206D TRAILER	-0.4 -0.4 -0.4 -0.4		
003	RADIO TOWER	-0.4 -0.4 -0.4		
004	BLAIR ROAD	-0.4 -0.4 -0.4 -0.4		
005	CREDIT UNION	-0.4 -0.4 -0.4 -0.4		
006	WATTS BAR CABIN	-0.4 -0.4 -0.4 -0.4		
007	WIND VANE P			
008	WIND VANE B			
009				
010				

DATA SHEET (80 column)

UCF
13

06	JUNE 1976	501	SOUTH HI-VOL
001	ALUMINUM		0.1849
002	CALCIUM		0.3735
003	CHROMIUM		0.0260
004	COPPER		0.1860
005	IRON		0.1838
006	LEAD		0.0748
007	MAGNESIUM		0.0340
008	MANGANESE		0.0013
009	MOLYBDENUM		0.0007
010	NICKEL		0.1868
011	SILICON		1.492
012	SILVER		0.0001
013	SODIUM		0.0180
014	TITANIUM		0.0258
015	VANADIUM		0.0015
016	ZINC		0.3368
017	TOTAL PART.		22.3

UCN-7230B
(3 5-7)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	34 35 36 37 38 39 40
06	JUNE 1976	502 NORTH H1-VOL--	
001	ALUMINUM		0.8960
002	CALCIUM		3.592
003	CHROMIUM		0.0896
004	COPPER		0.2234
005	IRON		0.4457
006	LEAD		0.
007	MAGNESIUM		0.2212
008	MANGANESE		0.0037
009	MOLYBDENUM		0.0003
010	NICKEL		0.2242
011	SILICON		1.792
012	SILVER		0.
013	SODIUM		0.0442
014	TITANIUM		0.0632
015	VANADIUM		0.0037
016	ZINC		0.8234
017	TOTAL PART.		47.6

UCN-7230F
(3 5-7)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33	34 35 36 37 38 39 40
06	JUNE 1976	503	EAST HI-VOL	
001	ALUMINUM			0.1212
002	CALCIUM			0.7229
003	CHROMIUM			0.0721
004	COPPER			0.3606
005	IRON			0.1776
006	LEAD			0.1814
007	MAGNESIUM			0.0695
008	MANGANESE			0.0028
009	MOLYBDENUM			0.0003
010	NICKEL			1.451
011	SILICON			2.898
012	SILVER			0.0002
013	SODIUM			0.0356
014	TITANIUM			0.0504
015	VANADIUM			0.0072
016	ZINC			0.6531
017	TOTAL PART.			37.8

UCN-7230B
(3 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33	34 35 36 37 38 39 40
06	JUNE 1976	504	WEST HI-VOL	
001	ALUMINUM			0.3714
002	CALCIUM			0.7468
003	CHROMIUM			0.0372
004	COPPER			0.0923
005	IRON			0.1835
006	LEAD			0.1121
007	MAGNESIUM			0.0341
008	MANGANESE			0.0074
009	MOLYBDENUM			0.0007
010	NICKEL			0.0744
011	SILICON			1.490
012	SILVER			0.0001
013	SODIUM			0.0366
014	TITANIUM			0.0258
015	VANADIUM			0.0015
016	ZINC			0.3363
017	TOTAL PART.			29.4

UCN-7230F
(3 5-7)

DATA SHEET (80 column)

06 JUNE 1976 GASEOUS FLUORIDES 501

001	K-901 PUMPHOUSE	0.16	10.4	1.52	0.24	-0.08	
002	K-1206D TRAILER	0.08			0.24	0.48	
003	RADIO TOWER	0.08			0.24	0.16	
004	BLAIR ROAD	0.24	0.24	1.12	-0.08	-0.08	
005	CREDIT UNION	-0.08	0.08	0.16	0.4	0.4	
006	WATTS BAR CABIN	-0.00	1.04	0.08	0.24	0.56	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
06	JUNE 1976	URANIUM			501		
001	K-901 PUMPHOUSE	0.04	0.02	0.05		-0.01	-0.01
002	K-1206D TRAILER	-0.01		-0.01		-0.01	-0.01
003	RADIO TOWER					-0.01	-0.01
004	BLAIR ROAD	-0.01	0.01	0.01		-0.01	-0.01
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01	-0.01
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01	-0.01
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

UCN 11
(3

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
06	JUNE 1976	CHROMIUM			501		
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4	-0.4
002	K-1206D TRAILER	-0.4		-0.4		-0.4	-0.4
003	RADIO TOWER					-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4	-0.4
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

UCN

07	JULY 1976	8 01	SOUTH HI-VOL
001	ALUMINUM		0.7399
002	CALCIUM		1.484
003	CHROMIUM		0.0740
004	COPPER		0.3329
005	IRON		0.3307
006	LEAD		0.1484
007	MAGNESIUM		0.0710
008	MANGANESE		0.0111
009	MOLYBDENUM		0.0002
010	NICKEL		0.7918
011	SILICON		1.257
012	SILVER		0.0001
013	SODIUM		0.0735
014	TITANIUM		0.0367
015	VANADIUM		0.0026
016	ZINC		0.3710
017	TOTAL PART.		47.8

UCN-7230
(3 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
07	JULY 1976	8	02 NORTH H7-VOL	
001	ALUMINUM			0.6093
002	CALCIUM			0.0606
003	CHROMIUM			0.3668
004	COPPER			0.0354
005	IRON			1.220
006	LEAD			0.
007	MAGNESIUM			0.0579
008	MANGANESE			0.0244
009	MOLYBDENUM			0.
010	NICKEL			0.
011	SILICON			0.4844
012	SILVER			0.0001
013	SODIUM			0.
014	TITANIUM			0.
015	VANADIUM			0.
016	ZINC			0.
017	TOTAL PART.			129.4

UCN-7230P
13 5-7

DATA SHEET (80 column)

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
07	JULY 1976		8 03	EAST HI-VOL	
001	ALUMINUM				
002	CALCIUM				
003	CHROMIUM				
004	COPPER				
005	IRON				
006	LEAD				
007	MAGNESIUM				
008	MANGANESE				
009	MOLYBDENUM				
010	NICKEL				
011	SILICON				
012	SILVER				
013	SODIUM				
014	TITANIUM				
015	VANADIUM				
016	ZINC				
017	TOTAL PART.				

UCN-7230P
(3 5-7

DATA SHEET (80 column)

1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
07	JULY 1976																8	04		WEST HI-VOL																																												
001	ALUMINUM																			0.8696							0.5459																																				
002	CALCIUM																			1.895							0.0539																																				
003	CHROMIUM																			0.0756							0.2204																																				
004	COPPER																			0.2263							0.0318																																				
005	IRON																			0.3757							0.9932																																				
006	LEAD																			0.2274							0.																																				
007	MAGNESIUM																			0.2242							0.0520																																				
008	MANGANESE																			0.0190							0.0089																																				
009	MOLYBDENUM																			0.0003							0.																																				
010	NICKEL																			1.895							0.																																				
011	SILICON																			1.512							0.4334																																				
012	SILVER																			0.0002							0.																																				
013	SODIUM																			0.0371							0.																																				
014	TITANIUM																			0.0754							0.																																				
015	VANADIUM																			0.0026							0.																																				
016	ZINC																			0.7582							0.																																				
017	TOTAL PART.																			55.0							90.0																																				

UCN-7230B
13 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
07	JULY 1976	GASEOUS FLUORIDE 406					
001	K-901 PUMPHOUSE	0.16			-0.08		
002	K-12060 TRAILER	0.4	0.8	0.32	-0.08		
003	RADIO TOWER	0.32	0.32	0.16	0.24		
004	BLAIR ROAD	0.24	0.16	0.08	-0.08		
005	CREDIT UNION	0.08	0.8	-0.08	-0.08		
006	WATTS BAR CABIN	0.16	0.32	-0.08	-0.08		
007	WIND VANE P		0.16		1.12		
008	WIND VANE B		0.08				
009							
010							

DATA SHEET (80 column)

UCN 13

1 2	3	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
07	JULY 1976	URANIUM			406		
001	K-901 PUMPHOUSE	-0.01	-0.01			-0.01	
002	K-1206D TRAILER	-0.01	0.03	0.01		-0.01	
003	RADIO TOWER	-0.01	0.01	0.01		-0.01	
004	BLAIR ROAD	-0.01	-0.01	-0.01		-0.01	
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01	
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
07	JULY 1976	CHROMIUM			4	06	
001	K-901 PUMPHOUSE	-0.4	-0.4			-0.4	
002	K-12060 TRAILER	-0.4	-0.4	-0.4		-0.4	
003	RADIO TOWER	-0.4	-0.4	-0.4		-0.4	
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4	
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4	
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
08	AUGUST 1976	101	SOUTH	HI-VOL	
001	ALUMINUM	0.1073	0.4277		
002	CALCIUM	0.0084	0.8599		
003	CHROMIUM	0.0437	0.0040		
004	COPPER	0.0097	0.8593		
005	IRON	0.1500	0.2116		
006	LEAD	0.	0.1076		
007	MAGNESIUM	0.0071	0.2114		
008	MANGANESE	0.0017	0.0018		
009	MOLYBDENUM	0.	0.0009		
010	NICKEL	0.0128	0.0426		
011	SILICON	0.0827	1.716		
012	SILVER	0.0001	0.0002		
013	SODIUM	0.	0.0250		
014	TITANIUM	0.	0.0297		
015	VANADIUM	0.	0.0017		
016	ZINC	0.	0.0064		
017	TOTAL PART	43.3	34.4		

UCN-7230
13 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
08	AUGUST 1976		102	NORTH HI-VOL	
001	ALUMINUM	0.0974	0.9473		0.9257
002	CALCIUM	0.0092	0.9654		1.898
003	CHROMIUM	0.0397	0.0046		0.0082
004	COPPER	0.0088	0.9243		0.2308
005	IRON	0.1761	0.2342		0.4689
006	LEAD	0	0.0966		0.0464
007	MAGNESIUM	0.0064	0.2379		0.4605
008	MANGANESE	0.0016	0.0097		0.0039
009	MOLYBDENUM	0	0.0010		0.0017
010	NICKEL	0.0056	0.0721		0.0925
011	SILICON	0.0751	1.886		3.792
012	SILVER	0.00010	0.		0.
013	SODIUM	0	0.1159		0.1890
014	TITANIUM	0	0.0720		0.0671
015	VANADIUM	0	0.0036		0.0038
016	ZINC	0	0.0072		0.0143
017	TOTAL PART.	40.3	39.1		21.0

UCN-7230
(3 5-72.

DATA SHEET (80 column)

08	AUGUST 1976	103	EAST HI-VOL
001	ALUMINUM	0.4295	0.5789
002	CALCIUM	1.139	1.660
003	CHROMIUM	0.0025	0.0174
004	COPPER	0.2462	1.245
005	IRON	0.1379	0.2875
006	LEAD	0.0141	0.1163
007	MAGNESIUM	0	0.2875
008	MANGANESE	0.0055	0.0117
009	MOLYBDENUM	0.0001	0.0025
010	NICKEL	0.0821	0.1797
011	SILICON	1.134	2.321
012	SILVER	0.	0.0001
013	SODIUM	0.0699	0.1445
014	TITANIUM	0.0192	0.0411
015	VANADIUM	0.0012	0.0025
016	ZINC	0.0027	0.0017
017	TOTAL PART.	25.0	25.4

UCN-7230
13 5-72

DATA SHEET (80 column)

08	AUGUST 1976		104 WEST HI-VOL	
001	ALUMINUM	0.0925	0.7938	0.9294
002	CALCIUM	0.0087	2.122	1.218
003	CHROMIUM	0.0566	0.0104	0.0059
004	COPPER	0.0084	0.5296	1.790
005	IRON	0.1861	0.	0.2977
006	LEAD	0.	0.1327	0.0301
007	MAGNESIUM	0.0072	0.	0.3013
008	MANGANESE	0.0015	0.0023	0.0025
009	MOLYBDENUM	0.	0.0011	0.0011
010	NICKEL	0.0224	0.0157	0.0606
011	SILICON	0.0713	2.118	2.396
012	SILVER	0.	0.	0.0002
013	SODIUM	0.	0.2115	0.1498
014	TITANIUM	0.	0.0375	0.0426
015	VANADIUM	0.0003	0.0023	0.0025
016	ZINC	0.	0.0076	0.0018
017	TOTAL PART.	37.8	37.1	27.7

UCN-7230P
13 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35	36 37 38 39 40 41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
08	AUGUST 1976	GASEOUS FLUORIDE		410		
001	K-901 PUMPHOUSE	0.96	0.96	0.8	0.16	
002	K-1206D TRAILER	0.4	0.4	0.48	0.	
003	RADIO TOWER	2.8	0.2	0.8	0.32	
004	BLAIR ROAD	0.16				
005	CREDIT UNION	0.16	0.24	0.	0.04	
006	WATTS BAR CABIN	8.72	0.16	0.	0.36	
007	WIND VANE P					
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

UCN
13

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
08	AUGUST 1976	URANIUM			410		
001	K-901 PUMPHOUSE	0.01	-0.01	0.01		0.01	
002	K-12060 TRAILER	-0.01	-0.01	-0.01		0.01	
003	RADIO TOWER	0.01	-0.01	-0.01		0.53	
004	BLAIR ROAD	-0.01					
005	CREDIT UNION	-0.01	0.01	-0.01		0.02	
006	WATTS BAR CABIN	-0.01	-0.01	-0.01		-0.01	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

1–2	3–18	19–34	35–37	38–62
08	AUGUST 1976	CHROMIUM	410	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4
002	K-1206D TRAILER	-0.4	-0.4	-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4
004	BLAIR ROAD	-0.4			
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4
007	WIND VANE P				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
09	SEPTEMBER 1976	201 SOUTH	HI-VOL	
001	ALUMINUM		0.9064	0.1943
002	CALCIUM		0.7297	0.2943
003	CHROMIUM		0.2518	0.0017
004	COPPER		1.450	0.0460
005	IRON		0.1035	0.0174
006	LEAD		0.7255	0.0298
007	MAGNESIUM		0.3402	0.0212
008	MANGANESE		0.0152	0.0039
009	MOLYBDENUM		0.0153	0.0004
010	NICKEL		0.3433	0.0095
011	SILICON		3.623	0.3889
012	SILVER		0.0002	0.
013	SODIUM		0.1787	0.0464
14	TITANIUM		0.0722	0.0067
015	VANADIUM		0.0145	0.0039
016	ZINC		0.1069	0
017	TOTAL PART.		54.3	38.9

UCN-723C
13 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
09	SEPTEMBER 1976 202	NORTH	HI-VOL	
001	ALUMINUM	0.6830	0.9854	0.4194
002	CALCIUM	0.6822	0.9871	0.4211
003	CHROMIUM	0.1912	0.2746	0.0040
004	COPPER	1.640	1.579	0.1675
005	IRON	0.1212	0.1164	0.0585
006	LEAD	0.0125	0.3866	0.1055
007	MAGNESIUM	0.2711	0.3913	0.0384
008	MANGANESE	0.0125	0.0158	0.0016
009	MOLYBDENUM	0	0.0773	0.0008
010	NICKEL	0.2745	0.3862	0.0928
011	SILICON	1.369	3.867	1.261
012	SILVER	0.0001	0.0002	0.0001
013	SODIUM	0.1366	0.9871	0.1046
14	TITANIUM	0.0537	0.0769	0.0080
015	VANADIUM	0.0022	0.0160	0.0084
016	ZINC	0.0833	0.0601	0
017	TOTAL PART.	28.4	55.2	53.7

UCN-7231
13 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
09	SEPTEMBER 1976	203	EAST HI-VOL	
001	ALUMINUM	0.3271	1.014	0.2561
002	CALCIUM	0.3287	1.016	0.5161
003	CHROMIUM	0.0933	0.2892	0.0049
004	COPPER	0.5288	0.2882	0.5157
005	IRON	0.0370	0.1138	0.0223
006	LEAD	0.0651	0.3911	0.0636
007	MAGNESIUM	0.1306	0.3876	0.0095
008	MANGANESE	0.0264	0.0078	0.0020
009	MOLYBDENUM	0.0053	0.0156	0.0052
010	NICKEL	0.1990	0.3907	0.3165
011	SILICON	1.317	2.068	0.5121
012	SILVER	0.0001	0.0002	0.0001
013	SODIUM	0.0643	0.2065	0.0628
14	TITANIUM	0.0240	0.0778	0.0048
015	VANADIUM	0.0012	0.0156	0.0103
016	ZINC	0.0407	0.0626	0.0039
017	TOTAL PART.	25.5	44.7	50.6

UCN-7231
(3 5-7.

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	22 23 24 25 26 27 28 29 30 31 32 33	34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
09	SEPTEMBER 1976 2	04 WEST HI-VOL	
001	ALUMINUM	0.2703	0.1715
002	CALCIUM	0.2718	0.1714
003	CHROMIUM	0.1088	0.0022
004	COPPER	0.4350	0.0437
005	IRON	0.0403	0.0072
006	LEAD	0.2180	0.0227
007	MAGNESIUM	0.1057	0.0255
008	MANGANESE	0.0218	0.0024
009	MOLYBDENUM	0.	0.0002
010	NICKEL	0.1087	0.0052
011	SILICON	1.086	0.4503
012	SILVER	0.	0.0002
013	SODIUM	0.0719	0.0594
14	TITANIUM	0.0432	0.0052
015	VANADIUM	0.0011	0.0045
016	ZINC	0.	0.0034
017	TOTAL PART.	24.1	33.9

UCN-723C
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35	36 37	38 39 40 41 42 43 44 45 46 47 48 49
09	SEPTEMBER 1976	GASEOUS FLUORIDE			4	07
001	K-901 PUMPHOUSE	-0.08	0.96	0.24		0.52
002	K-1206D TRAILER	0.92	0.76	0.68		0.36
003	RADIO TOWER	0.6	0.52	1.58		2.57
004	BLAIR ROAD			-0.08		0.12
005	CREDIT UNION	-0.08	1.28	0.24		0.08
006	WATTS BAR CABIN	0.32	0.24	0.12		-0.08
007	WIND VANE P					
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

UCN 13

1 2	3	19 20 21 22 23 24	26 27 28 29 30 31	32 33 34	38 39 40 41 42 43
09	SEPTEMBER 1976	URANIUM		4	07
001	K-901 PUMPHOUSE	-0.01	0.01	0.01	-0.01
002	K-1206D TRAILER	0.01	-0.01	-0.01	-0.01
003	RADIO TOWER		-0.01	0.027	0.039
004	BLAIR ROAD			-0.01	-0.01
005	CREDIT UNION	-0.01	-0.01	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	0.01	0.01	-0.01
007	WIND VANE P				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

UCN 13

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55	56 57 58 59 60 61	62
09	SEPTEMBER 1976	CHROMIUM			407					
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4				
002	K-12060 TRAILER	-0.4	-0.4	-0.4		-0.4				
003	RADIO TOWER		-0.4	-0.4		-0.4				
004	BLAIR ROAD			-0.4		-0.4				
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4				
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4				
007	WIND VANE P									
008	WIND VANE B									
009										
010										

DATA SHEET (80 column)

UCN

10	OCTOBER 1976	4011	SOUTH HI-VOL		
001	ALUMINUM	0.9561	0.9708	1.274	
002	CALCIUM	0.6222	0.9923	0.3249	
003	CHROMIUM	0.0245	0.0194	0.0126	
004	COPPER	0.3103	0.4873	0.1593	
005	IRON	0.6194	0.4850	0.3154	
006	LEAD	0.0312	0.2423	0.1601	
007	MAGNESIUM	0.1202	0.2388	0.3229	
008	MANGANESE	0.0048	0.0196	0.0250	
009	MOLYBDENUM	0.	0.0019	0.0128	
010	NICKEL	4.952	0.2420	0.0998	
011	SILICON	2.479	1.953	2.548	
012	SILVER	0.0004	0.	0.0012	
013	SODIUM	0.0631	0.2415	0.0320	
14	TITANIUM	0.0244	0.0996	0.0498	
015	VANADIUM	0.0048	0.0058	0.0050	
016	ZINC	0.0124	0.0146	0.0200	
017	TOTAL PART.	62.3	49.7	25.5	

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(3 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16	17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
10	OCTOBER 1976	402	NORTH	HI-VOL	
001	ALUMINUM	1.155	1.142	0.5781	1.067
002	CALCIUM	0.7738	1.718	0.7072	1.068
003	CHROMIUM	0.0152	0.0227	0.0068	0.0105
004	COPPER	0.0737	0.1136	0.0337	0.1325
005	IRON	0.3836	0.5661	0.0504	0.2638
006	LEAD	0.0387	0.0553	0.0541	0.0802
007	MAGNESIUM	0.1878	0.2812	0.3461	0.2638
008	MANGANESE	0.0154	0.0046	0.0070	0.0106
009	MOLYBDENUM	0.0031	0.0004	0.0012	0.0023
010	NICKEL	0.1162	0.1698	0.1037	0.0531
011	SILICON	1.540	1.139	1.386	2.134
012	SILVER	0.0004	0.	0.	0.0003
013	SODIUM	0.1908	0.0544	0.0866	0.1329
14	TITANIUM	0.0383	0.0225	0.0171	0.0263
015	VANADIUM	0.0062	0.0047	0.0035	0.0053
016	ZINC	0.0117	0.0068	0.0104	0.0080
017	TOTAL PART.	48.6	71.0	56.1	22.9

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(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18 19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
10	OCTOBER 1976	4	03	EAST HI-VOL	
001	ALUMINUM	0.4241	0.6139	0.3598	1.258
002	CALCIUM	0.8483	0.3114	1.098	0.6483
003	CHROMIUM	0.0336	0.0444	0.0142	0.0129
004	COPPER	1.701	0.3110	0.3610	0.1554
005	IRON	0.8455	0.3086	0.0487	1.256
006	LEAD	0.1690	0.1541	0.0724	1.260
007	MAGNESIUM	0.7654	0.1180	0.3586	0.3135
008	MANGANESE	0.0068	0.0121	0.0072	0.0190
009	MOLYBDENUM	0.0034	0.0012	0.0014	0.0029
010	NICKEL	5.070	0.3038	0.0358	0.0629
011	SILICON	3.134	1.224	1.074	2.515
012	SILVER	0	0	0	0
013	SODIUM	0.0877	0.1533	0.0877	0.0603
014	TITANIUM	0.0334	0.0289	0.0177	0.0459
015	VANADIUM	0.0068	0.0049	0.0029	0.0126
016	ZINC	0.0048	0.0093	0.0109	0.0126
017	TOTAL PART.	54.8	50.0	49.8	18.7

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DATA SHEET (80 column)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
1	0	O	C	T	O	B	E	R		1	9	7	6					4	0	4	W	E	S	T		H	I	-	V	O	L																																	
0	0	1	A	L	U	M	I	N	U	M						0	.	4	9	0	2			1	.	3	4	3			0	.	2	3	5	4																															
0	0	2	C	A	L	C	I	U	M							0	.	9	8	3	8			0	.	9	2	4	8		0	.	4	7	4	4																															
0	0	3	C	H	R	O	M	I	U	M						0	.	0	1	9	4			0	.	0	6	3	3		0	.	0	0	4	6																															
0	0	4	C	O	P	P	E	R								0	.	2	4	6	8			0	.	2	1	9	4		0	.	1	1	6	0																															
0	0	5	I	R	O	N										0	.	9	8	9	2			0	.	4	4	5	1		0	.	0	3	1	3																															
0	0	6	L	E	A	D										0	.	0	9	9	8			0	.	0	9	3	4		0	.	0	4	8	2																															
0	0	7	M	A	G	N	E	S	I	U	M					0	.	0	9	6	7			0	.	0	8	6	3		0	.	3	5	4	9																															
0	0	8	M	A	N	G	A	N	E	S	E					0	.	0	0	7	5			0	.	0	1	7	9		0	.	0	0	4	8																															
0	0	9	M	O	L	Y	B	D	E	N	U	M				0	.	0	0	0	4			0	.	0	0	1	8		0	.	0	0	1	0																															
0	1	0	N	I	C	K	E	L								1	.	9	7	2				0	.	4	4	8	1		0	.	0	2	3	4																															
0	1	1	S	I	L	I	C	O	N							1	.	9	6	8				0	.	7	7	8	0		0	.	9	4	6	0																															
0	1	2	S	I	L	V	E	R								0	.	0	0	0	2			0	.						0	.																																	
0	1	3	S	O	D	I	U	M								0	.	2	4	7	2			0	.	2	7	9	7		0	.	0	5	7	8																															
0	1	4	T	I	T	A	N	I	U	M						0	.	0	4	7	8			0	.	0	1	7	6		0	.	0	1	6	2																															
0	1	5	V	A	N	A	D	I	U	M						0	.	0	0	4	1			0	.	0	0	5	2		0	.	0	0	1	9																															
0	1	6	Z	I	N	C										0	.	0	0	6	2			0	.	0	0	9	3		0	.	0	0	7	2																															
0	1	7	T	O	T	A	L		P	A	R	T				4	4	.	0					5	4	.	5				4	1	.	2																															

DATA SHEET (80 column)

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(3 5-72

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34 35	36 37 38 39 40 41 42	43 44 45 46 47 48	49 50 51 52 53 54	55 56 57 58 59 60	61 62
10	OCTOBER 1976	GASEOUS	FLUORIDE	405					
001	K-901 PUMPHOUSE	0.88	0.32	0.08	0.56				
002	K-12060 TRAILER	-0.08	0.56	-0.08	-0.008				
003	RADIO TOWER	0.96	0.48	2.64	0.18				
004	BLAIR ROAD	-0.08	-0.08	0.08	0.04				
005	CREDIT UNION	0.56	0.32	0.4	0.24				
006	WATTS BAR CABIN	0.08	-0.08	0.16	-0.008				
007	WIND VANE P	0.72							
008	WIND VANE B	0.24							
009									
010									

DATA SHEET (80 column)

1 2	3	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
10	OCTOBER 1976	URANIUM			405	
001	K-901 PUMPHOUSE	0.01	-0.01	0.01		-0.01
002	K-1206D TRAILER	0.01	0.01	0.02		-0.01
003	RADIO TOWER	0.07	0.02	0.02		0.01
004	BLAIR ROAD	0.01	0.01	-0.01		-0.01
005	CREDIT UNION	0.01	-0.01	-0.01		-0.01
006	WATTS BAR CABIN	0.01	-0.01	-0.01		-0.01
007	WIND VANE P					
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

UCN 13

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62

1	0	OCTOBER 1976	CHROMIUM		4	05
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4	-0.4	
002	K-12060 TRAILER	-0.4	-0.4	-0.4	-0.4	
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4	
004	BLAIR ROAD	-0.4	-0.4	-0.4	-0.4	
005	CREDIT UNION	-0.4	-0.4	-0.4	-0.4	
006	WATTS BAR CABIN	-0.4	-0.4	-0.4	-0.4	
007	WIND VANE P					
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

UC 13

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18 19 20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
11	NOVEMBER 1976	501	SOUTH HI-VOL	
001	ALUMINUM	0.8437	0.6892	
002	CALCIUM	1.687	1.054	
003	CHROMIUM	0.0073	0.0071	
004	COPPER	0.1823	0.3628	
005	IRON	0.2168	0.3606	
006	LEAD	0.1100	0.0728	
007	MAGNESIUM	0.2168	0.1786	
008	MANGANESE	0.0073	0.0145	
009	MOLYBDENUM	0.0007	0.0036	
010	NICKEL	0.0730	0.0361	
011	SILICON	1.683	1.415	
012	SILVER	0.	0.	
013	SODIUM	0.1093	0.0720	
014	TITANIUM	0.0363	0.0360	
015	VANADIUM	0.0257	0.0291	
016	ZINC	0	0.0709	

UCN-7230
(3 5-72.)

DATA SHEET (80 column)

111	NOVEMBER 1976	502	NORTH HI-VOL		
001	ALUMINUM	1.013	0.0763		0.5065
002	CALCIUM	1.991	0.1566		0.9804
003	CHROMIUM	0.0115	0.0025		0.0034
004	COPPER	0.2331	0.0382		0.0243
005	IRON	0.1136	0.0358		0.2438
006	LEAD	0.1171	0.0118		0.0109
007	MAGNESIUM	0.2308	0.0761		0.0585
008	MANGANESE	0.0117	0.0007		0.0109
009	MOLYBDENUM	0.0012	0.0008		0.0011
010	NICKEL	0.0387	0.0075		0.0178
011	SILICON	1.987	0.1526		0.9767
012	SILVER	0.	0.		0.
013	SODIUM	0.1175	0.0110		0.
014	TITANIUM	0.0386	0.0035		0.0505
015	VANADIUM	0.0234	0.0024		0.0109
016	ZINC	0	0.0012		0.0763

UCN-7230 (3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18 19	20 21	22 23 24 25	26 27	28 29 30 31	32 33	34 35 36 37	38 39 40
11	NOVEMBER 1976		503	EAST		HI-VOL			
001	ALUMINUM	1.028		0.4662		1.642		1.084	
002	CALCIUM	2.10		0.7021		0.8214		1.730	
003	CHROMIUM	0.0275		0.0076		0.0222		0.0279	
004	COPPER	0.5141		0.2331		0.8210		0.4414	
005	IRON	0.2739		0.2308		0.4077		0.4390	
006	LEAD	0.1189		0.0781		0.1495		0.0644	
007	MAGNESIUM	0.2739		0.1136		0.8188		0.2096	
008	MANGANESE	0.0118		0.0078		0.4110		0.0080	
009	MOLYBDENUM	0.0016		0.0078		0.0112		0.4426	
010	NICKEL	0.1582		0.0231		0.2239		0.1284	
011	SILICON	2.096		0.9324		2.924		1.726	
012	SILVER	0		0		0		0	
013	SODIUM	0.1181		0.0973		0.1861		0	
014	TITANIUM	0.0353		0.0230		0.0744		0.0847	
015	VANADIUM	0.0317		0.0078		0.0075		0.0121	
016	ZINC	0		0.0078		0.1495		0.1288	

UCN-723C
(3 5-72

DATA SHEET (80 column)

11	NOVEMBER 1976	504	WEST HI-VOL		
001	ALUMINUM	0.9454	0.6330	1.590	0.5404
002	CALCIUM	1.895	1.270	0.8332	1.068
003	CHROMIUM	0.0074	0.0147	0.0225	0.0051
004	COPPER	0.0368	0.1110	0.8328	0.0256
005	IRON	0.2240	0.2956	0.4136	0.0233
006	LEAD	0.0227	0.0747	0.1516	0.0611
007	MAGNESIUM	0.2240	0.1461	0.8306	0.2638
008	MANGANESE	0.0075	0.0074	0.3790	0.0174
009	MOLYBDENUM	0.0008	0.0112	0.0174	0.0071
010	NICKEL	0.0376	0.0296	0.0755	0.0264
011	SILICON	1.891	1.266	2.396	1.064
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.1130	0.0740	0.1888	
014	TITANIUM	0.0337	0.0220	0.0754	0.0263
015	VANADIUM	0.0303	0.0112	0.0227	0.0174
016	ZINC	0.0152	0.0075	0.1516	0.0174

UCN-7230 (3 5-72)

DATA SHEET (80 column)

11 NOVEMBER 1976 GASEOUS FLUORIDE 302

001	K-901 PUMPHOUSE	0.98	0.08	2.8	0.76	1.6
002	K-1206D TRAILER	-0.08	2.84	0.28	2.92	0.
003	RADIO TOWER	0.29	1.14	0.23	0.32	0.16
004	BLAIR ROAD	-0.008	0.08	7.48	3.76	0.
005	CREDIT UNION	0.24	0.036	0.88	0.6	0.
006	WATTS BAR CABIN	0.28	0.6	0.88	0.6	-0.08
007	WIND VANE P	0.07				
008	WIND VANE B	0.16				
009						
010						

UCN-7230
(3 5-7

DATA SHEET (80 column)

11	NOVEMBER 1976	URANIUM	502		
001	K-901 PUMPHOUSE	-0.01	0.01	-0.01	0.01	-0.01
002	K-1206D TRAILER	0.04	0.01	0.01	0.03	-0.01
003	RADIO TOWER	0.01	0.02	0.02	0.02	-0.01
004	BLAIR ROAD	-0.01	0.02	0.03	0.01	-0.01
005	CREDIT UNION	0.02	0.01	0.01	0.01	-0.01
006	WATTS BAR CABIN	0.02	0.01	-0.01	0.01	-0.01
007	WIND VANE A					
008	WIND VANE B					
009						
010						

UCN-7230F
(3 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
11	NOVEMBER 1976	CHROMIUM			502		
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4	-0.4
002	K-1206D TRAILER	-0.4	-0.4	-0.4		-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4		-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4	-0.4
007	WIND VANE P						
[illegible]	WIND VANE 3						
009							
010							

UCN-7230
13 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
12	DECEMBER 1976	101 SOUTH	AI-VOL
001	ALUMINUM	1.403	0.5834
002	CALCIUM	0.2335	1.170
003	CHROMIUM	0.0020	0.0008
004	COPPER	0.0379	0.1160
005	IRON	0.4650	0.1917
006	LEAD	0.0195	0.0020
007	MAGNESIUM	0.2698	0.1917
008	MANGANESE	0	0.0046
009	MOLYBDENUM	0.0156	0
010	NICKEL	0.0777	0.0387
011	SILICON	3.90	1.557
012	SILVER	0	0
013	SODIUM	0.0773	0.0773
014	TITANIUM	0.0777	0.0273
015	VANADIUM	0.0078	0.0031
016	ZINC	0	0

UCN-723((3 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
12	DECEMBER 1976 1 02 NORTH	HI-VOL	
001	ALUMINUM	1.455	0.8199
002	CALCIUM	3.736	2.615
003	CHROMIUM	0.0075	0.0071
004	COPPER	0.9331	0.2605
005	IRON	0.2208	0.2956
006	LEAD	0.0224	0.0057
007	MAGNESIUM	0.0900	0.2582
008	MANGANESE	0.0186	0.0074
009	MOLYBDENUM	0.0079	0.0071
010	NICKEL	0.2986	0.0370
011	SILICON	3.732	2.238
012	SILVER	0.	0.
013	SODIUM	0.1861	0.1114
14	TITANIUM	0.0744	0.0034
015	VANADIUM	0.0075	0.0037
016	ZINC	0.	0.

UCN-72301
13 5-72.

DATA SHEET (80 column)

12 DECEMBER 1976 103 EAST HI-VOL

001	ALUMINUM	2.890	0.1982
002	CALCIUM	4.253	0.5305
003	CHROMIUM	0.0042	0.0004
004	COPPER	0.1263	0.1323
005	IRON	0.4215	0.0652
006	LEAD	0.0340	0.0020
007	MAGNESIUM	0.7618	0.0386
008	MANGANESE	0.0425	0.0010
009	MOLYBDENUM	0.	0.0003
010	NICKEL	0.2123	0.1191
011	SILICON	5.950	1.588
012	SILVER	0.	0.
013	SODIUM	0.3394	0.0263
14	TITANIUM	0.1697	0.0278
015	VANADIUM	0.0128	0.0032
016	ZINC		

UCN-7230
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
12	DECEMBER 1976 104 WEST HI-VOL		
001	ALUMINUM	3.20	0.5211
002	CALCIUM	7.278	0.6969
003	CHROMIUM	0.0025	0.0007
004	COPPER	0.0717	0.1036
005	IRON	0.7245	0.1712
006	LEAD	0	0.0087
007	MAGNESIUM	0.7245	0.1712
008	MANGANESE	0.0327	0.0069
009	MOLYBDENUM	0	0
010	NICKEL	0.0360	0.0276
011	SILICON	5.818	1.391
012	SILVER	0	0
013	SODIUM	0.1630	0.0691
14	TITANIUM	0.1270	0.0291
015	VANADIUM	0.0146	0.0028
016	ZINC	0	0

UCN-7230
(3 5-72)

DATA SHEET (80 column)

12 DECEMBER 1976 GASEOUS FLUORIDE 407

001	K-901 PUMPHOUSE	1.2	0.32	1.76	0.16
002	K-1206D TRAILER	0.48	0.32	4.32	7.84
003	RADIO TOWER	0.56		1.44	2.32
004	BLAIR ROAD	17.6		3.52	0.
005	CREDIT UNION	9.6	0.24	1.04	0.4
006	WATTS BAR CABIN	7.2	0.4	2.08	0.32
007	WIND VANE P	0.06			
008	WIND VANE B	0.06			
009					
010					

UCN-723C
13 5-7

DATA SHEET (80 column)

12	DECEMBER 1977	URANIUM		407	
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01	-0.01
002	K-1206D TRAILER	-0.01	-0.01	0.01	-0.01
003	RADIO TOWER	-0.01	-0.01	-0.01	-0.01
004	BLAIR ROAD			-0.01	-0.01
005	CREDIT UNION	-0.01	-0.01	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	-0.01	-0.01	-0.01
007	WIND VANE P				
[illegible]	WIND VANE 3				
009					
010					

UCN-723F
(3 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43
12	DECEMBER 1977	CHROMIUM			407	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4
002	K-1206D TRAILER		-0.4	-0.4		-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4		-0.4
004	BLAIR ROAD	-0.4		-0.4		-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4
007	WIND VANE A					
008	WIND VANE B					
009						
010						

UCN-7230
13 5-7-

DATA SHEET (80 column)

01	JANUARY 1977	202	NORTH HI-VOL		
001	ALUMINUM	0.7246	1.484	1.094	0.3594
002	CALCIUM	0.3626	1.110	1.094	0.7259
003	CHROMIUM	0.0070	0.0026	0.0026	0.0173
004	COPPER	0.0716	0.1117	0.0328	0.0733
005	IRON	0.0694	0.1121	0.1105	0.3684
006	LEAD	0.0727	0.	0.	0.0184
007	MAGNESIUM	0.0149	0.3662	0.3243	0.1769
008	MANGANESE	0.0072	0.0161	0.0158	0.0122
009	MOLYBDENUM	0.	0.	0.	0.0074
010	NICKEL	0.0360	0.0732	0.0722	0.0280
011	SILICON	1.812	1.857	1.463	1.094
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.1810	0.1457	0.2174	0.1068
14	TITANIUM	0.0360	0.1095	0.1080	0.0232
015	VANADIUM	0.	0.0037	0.0037	0.0074
016	ZINC	0.	0.	0.	0.

DATA SHEET (80 column)

UCN-7230B
(3-77)

01	JANUARY 1977	B201	SOUTH HI-VOL	
001	ALUMINUM	1.571	0.7107	1.071	0.3406
002	CALCIUM	2.360	0.7107	0.3499	0.3406
003	CHROMIUM	0.0194	0.0025	0.0025	0.0024
004	COPPER	0.1955	0.0213	0.0177	0.1050
005	IRON	0.3112	0.0722	0.1443	0.1404
006	LEAD	0.0787	0	0	0.0702
007	MAGNESIUM	0.1932	0.1732	0.3535	0.1685
008	MANGANESE	0.0078	0.0119	0.0119	0.0116
009	MOLYBDENUM	0	0	0.0144	0.0014
010	NICKEL	0.0390	0.0346	0.0346	0.0197
011	SILICON	2.356	1.432	1.071	1.093
012	SILVER	0	0	0	0
013	SODIUM	0.3139	0.1768	0.1046	0.0246
014	TITANIUM	0.0793	0.0696	0.0696	0.0221
015	VANADIUM	0.0039	0.0036	0.0072	0.0035
016	ZINC	0	0	0	0

01 JANUARY 1977 204 WEST HI-VOL

001	ALUMINUM	1.492	1.445	2.139	0.3525
002	CALCIUM	0.7466	1.808	2.139	1.442
003	CHROMIUM	0.0185	0.0062	0.0061	0
004	COPPER	0.362	0.0360	0.0355	0.0360
005	IRON	0.1087	0.1456	0.1433	0.0727
006	LEAD	0.0747	0	0	0.0727
007	MAGNESIUM	0.0153	0.3566	0.5661	0.1744
008	MANGANESE	0.0074	0.2522	0.0262	0
009	MOLYBDENUM	0	0	0.0028	0.0014
010	NICKEL	0.0370	0.1077	0.0344	0.0167
011	SILICON	2.238	2.536	2.139	1.079
012	SILVER	0	0	0	0
013	SODIUM	0.1861	0.3239	0.2114	0.0145
14	TITANIUM	0.0747	0.1066	0.1408	0.0047
015	VANADIUM	0.0037	0.0109	0.0072	0.0073
016	ZINC				

DATA SHEET (80 column)

UCN-7230B
(3 5-72

01	JANUARY 1977	B263	EAST HI VOL		
001	ALUMINUM	0.7286	3.258	2.850	1.444
002	CALCIUM	0.3897	2.441	2.032	5.889
003	CHROMIUM	0.0076	0.0110	0.0151	0.0303
004	COPPER	0.1160	0.2449	0.1631	2.753
005	IRON	0.1136	0.2453	0.1635	0.3934
006	LEAD	0.0781	0.	0	0.0315
007	MAGNESIUM	0.0160	0.4006	0.8045	0.0708
008	MANGANESE	0.0078	0.0380	0.0380	0.0287
009	MOLYBDENUM	0	0	0	0.0078
010	NICKEL	0.1168	4.496	0.2028	1.179
011	SILICON	1.948	2.441	4.485	1.562
012	SILVER	0	0	0	0
013	SODIUM	0.1944	0.3230	0.4047	0.0777
014	TITANIUM	0.0777	0.1198	0.2833	0.0287
015	VANADIUM	0.0039	0.0123	0.0082	0.0039
016	ZINC	0	0	0	0

DATA SHEET (80 column)

UCN-7230P
(3) 5-7

01	JANUARY 1977	GASEOUS FLUORIDE	4	04	
001	K-901 PUMPHOUSE	0.16	0.	0.8	0.08
002	K-12060 TRAILER	0.4	0.	0.	0.
003	RADIO TOWER	1.28	0.31	0.14	0.22
004	BLAIR ROAD	0.72	2.32	0.48	0.32
005	CREDIT UNION	0.	0.48	0.32	0.88
006	WATTS BAR CABIN	0.	1.68	0.32	1.6
007	WIND VANE P	0.64			
	WIND VANE 3	0.24			
009					
010					

DATA SHEET (80 column)

01	JANUARY 1977	URANIUM			404	
001	K-901 PUMPHOUSE	-0.01	0.01	-0.01	-0.01	
002	K-1206D TRAILER	-0.01	-0.01	-0.01	-0.01	
003	RADIO TOWER	-0.01	-0.01	-0.01	-0.01	
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01	
005	CREDIT UNION	-0.01	-0.01	-0.01	-0.01	
006	WATTS BAR CABIN		-0.01	-0.01	-0.01	
007	WIND VANE P					
0[illegible]	WIND VANE B					
009						
010						

UCN-723C
13 5-7

DATA SHEET (80 column)

01	JANUARY 1977	CHROMIUM				4	04
001	K-901 PUMPHOUSE	-0.4	0.4	-0.4	-0.4		
002	K-1206D TRAILER	-0.4	0.4	-0.4	-0.4		
003	RADIO TOWER	-0.4	-0.4	-0.4	-0.4		
004	BLAIR ROAD	-0.4	0.4	-0.4	-0.4		
005	CREDIT UNION	-0.4	0.4	-0.4	-0.4		
006	WATTS BAR CABIN		0.4	-0.4	-0.4		
007	WIND VANE P						
[illegible]	WIND VANE 3						
009							
010							

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
02	FEBRUARY 1977		301	SOUTH HI-VOL		
001	ALUMINUM	0.1402		2.354	2.681	1.550
002	CALCIUM	3.021		3.667	2.681	0.3007
003	CHROMIUM	0.0064		0.0097	0.0065	0.0027
004	COPPER	0.2271		0.2622	0.3073	0.0191
005	IRON	0.3791		0.2625	0.3077	0.1171
006	LEAD	0.0152		0.0525	0.0769	0.0390
007	MAGNESIUM	0.3715		0.1260	0.1077	0.0312
	MANGANESE	0.0011		0.0034	0.0050	0.0051
009	MOLYBDENUM	0.0030		0.	0.	0.
010	NICKEL	0.0364		0.5239	0.7677	0.0765
011	SILICON	3.021		6.027	5.758	1.941
012	SILVER	0.		0.	0.	0.
013	SODIUM	0.0190		0.2336	0.3038	0.0742
014	TITANIUM	0.0352		0.2362	0.2281	0.0363
015	VANADIUM	0.0152		0.7874	1.154	0.3124
016	ZINC	0.		0.1312	0.1538	0.
017	TOTAL PART.	39.3		63.9	56.8	26.0

DATA SHEET (80 column)

7230B
5-72

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
02	FEBRUARY 1977	3	02	NORTH HI-VOL	

001	ALUMINUM	0.1363	2.829	5.675	2.470
002	CALCIUM	2.937	2.879	8.328	0.6082
003	CHROMIUM	0.0026	0.0018	0.0102	0.0070
004	COPPER	0.0733	0.0522	0.2271	0.0327
005	IRON	0.3684	0.1837	0.5686	0.1655
006	LEAD	0.0037	0.0525	0.1137	0.0414
007	MAGNESIUM	0.3611	0.1260	1.319	0.0745
008	MANGANESE	0.0269	0.0008	0.0125	0.0095
009	MOLYBDENUM	0.0294	0.	0.	0.
010	NICKEL	0.0022	0.1039	0.5671	0.0811
011	SILICON	2.937	4.716	14.393	3.297
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.0184	0.1811	0.	0.120
014	TITANIUM	0.0232	0.1819	0.5660	0.0385
015	VANADIUM	0.0295	0.7874	2.274	0.4137
016	ZINC	0.	0.0787	0.3033	0.
017	TOTAL PART.	46.5	56.0	61.2	27.5

UCN-7230B
13 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
02	FEBRUARY 1977	3 03	EAST HI-VOL		
001	ALUMINUM	2.396	1.40	3.893	3.363
002	CALCIUM	4.803	1.401	3.893	1.253
003	CHROMIUM	0.0229	0.0048	0.0066	0.0240
004	COPPER	3.210	0.0558	0.3901	0.2949
005	IRON	0.4013	0.1402	0.3905	0.2954
006	LEAD	0.0401	0.0841	0.0781	0.0844
007	MAGNESIUM	0.1926	0.0505	0.6169	0.1181
008	MANGANESE	0.0052	0.0036	0.0090	0.0224
009	MOLYBDENUM	0.0240	0.	0.	0.
010	NICKEL	0.2392	0.1390	1.170	0.4202
011	SILICON	3.198	3.636	9.360	4.207
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.0361	0.0533	0.3866	0.2489
014	TITANIUM	0.0253	0.1382	0.3877	0.0814
015	VANADIUM	0.0160	0.5607	1.171	0.4219
016	ZINC	0.	0.0561	0.1952	0.
017	TOTAL PART.	58.7	56.6	80.5	41.6

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

02	FEBRUARY 1977	3	04	WEST HI-VOL
001	ALUMINUM	0.3166	2.714	2.924
002	CALCIUM	7.267	3.456	4.391
003	CHROMIUM	0.0171	0.0067	0.0062
004	COPPER	0.2908	0.0740	0.0730
005	IRON	0.3639	0.2474	0.2935
006	LEAD	0.1456	0.0742	0.0734
007	MAGNESIUM	0.3566	0.1188	0.1394
008	MANGANESE	0.0084	0.0057	0.0048
009	MOLYBDENUM	0.0029	0.	0.
010	NICKEL	0.0713	0.2464	0.1453
011	SILICON	7.267	6.672	7.326
012	SILVER	0.	0.	0.
013	SODIUM	0.0328	0.2449	0.2898
014	TITANIUM	0.0702	0.2457	0.2909
015	VANADIUM	0.0291	0.9896	0.3668
016	ZINC	0.	0.1237	0.1467
017	TOTAL PART.	55.0	82.7	59.0

UCN-7230B
13 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
02	FEBRUARY 1977	GASEOUS FLUORIDE			401	
001	K-901 PUMPHOUSE	0.56	-0.008	-0.008		-0.008
002	K-1206D TRAILER	1.2	-0.008	-0.008		0.08
003	RADIO TOWER		0.28	0.62		0.22
004	BLAIR ROAD	0.8	-0.008	-0.008		-0.008
005	CREDIT UNION	3.2	1.52	0.88		-0.008
006	WATTS BAR CABIN	0.56	0.32	0.32		-0.008
007	WIND VANE P		0.16			
008	WIND VANE B		0.24			
009						
010						

DATA SHEET (80 column)

UCN 13

1 2	3	19 20 21 22 23 24	26 27 28 29 30 31	32 33 34	38 39 40 41 42 43
02	FEBRUARY 1977	URANIUM		401	
001	K-901 PUMPHOUSE	-0.01	0.02	-0.01	-0.01
002	K-1206D TRAILER	-0.01	0.04	-0.01	-0.01
003	RADIO TOWER	0.01	-0.01	-0.01	-0.01
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01
005	CREDIT UNION	-0.01	-0.01	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	0.01	-0.01	-0.01
007	WIND VANE P				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

UCN
13

1 2	3	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43 44	45 46 47 48 49 50 51	52 53 54 55 56 57 58	59 60 61 62
02	FEBRUARY 1977	CHROMIUM			4	01			
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4			
002	K-1206D TRAILER	-0.4	-0.4	-0.4		-0.4			
003	RADIO TOWER	-0.4	-0.4	-0.4		-0.4			
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4			
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4			
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4			
007	WIND VANE P								
008	WIND VANE B								
009									
010									

DATA SHEET (80 column)

UCN

03	MARCH 1977	7	01	SOUTH HI-VOL	
001	ALUMINUM	2.331	9.972	1.142	1.884
002	CALCIUM	0.3788	2.784	0.2577	2.263
003	CHROMIUM	0.0066	0.0268	0.0104	0.0140
004	COPPER	0.0777	0.2792	0.1150	0.0375
005	IRON	0.1562	0.7987	0.1538	0.3791
006	LEAD	0.0390	0.2396	0.0769	0.0114
007	MAGNESIUM	0.0703	0.2716	0.0077	0.7506
008	MANGANESE	0.0090	0.0771	0.0088	0.0125
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	0.1156	0.0012	0.3446	0.0743
011	SILICON	2.722	11.170	3.065	2.263
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.1132	0.7947	0.1115	0.
014	TITANIUM	0.0312	0.0212	0.1127	0.0732
015	VANADIUM	0.3905	2.396	0.1923	0.2274
016	ZINC	0.	0.	0.	0.
017	TOTAL PART.	29.4	94.2	60.5	21.1

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

03	MARCH 1977	7	02	NORTH HI-VOL	
001	ALUMINUM	1.505	9.20	1.505	2.296
002	CALCIUM	0.3677	2.568	0.3677	1.912
003	CHROMIUM	0.0026	0.0247	0.0102	0.0065
004	COPPER	0.0754	0.2576	0.0754	0.0765
005	IRON	0.1137	0.7369	0.1895	0.0308
006	LEAD	0.0303	0.2211	0.0758	0.0192
007	MAGNESIUM	0.0682	0.2506	0.0076	0.3769
008	MANGANESE	0.0049	0.0711	0.0201	0.0165
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	0.0743	0.0011	0.2259	0.1908
011	SILICON	2.263	11.040	3.021	3.065
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.0720	0.070	0.1478	0.
014	TITANIUM	0.0277	0.2185	0.1490	0.0742
015	VANADIUM	0.3033	2.211	0.2274	0.1923
016	ZINC	0.	0.	0.	0.
017	TOTAL PART.	28.0	85.1	61.3	26.6

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
03	MARCH 1977	7	03	EAST HI-VOL	

001	ALUMINUM	2.903	11.094	1.978	1.630
002	CALCIUM	0.8205	2.456	0.7842	2.441
003	CHROMIUM	0.0029	0.0276	0.0068	0.0040
004	COPPER	0.0329	0.2875	0.3181	0.2858
005	IRON	0.1666	0.6993	0.1990	0.4088
006	LEAD	0.0416	0.2057	0.0796	0.0123
007	MAGNESIUM	0.0750	0.2797	0.0080	0.3598
008	MANGANESE	0.0137	0.0382	0.0171	0.0176
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	1.248	0.4097	0.7946	0.2042
011	SILICON	2.903	13.974	3.969	2.850
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.1208	0.4072	0.1951	0.
014	TITANIUM	0.0387	0.2028	0.1962	0.0707
015	VANADIUM	0.4165	2.057	0.3185	0.2044
016	ZINC	0.	0.	0.	0.
017	TOTAL PART.	32.8	91.6	67.0	32.7

UCN-7230B
(3 5-77

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	20 21	22 23 24 25 26 27	28 29 30 31 32 33	34 35 36 37 38 39 40
03	MARCH 1977	7 04	WEST HI-VOL		
001	ALUMINUM		12.153	1.831	3.214
002	CALCIUM		2.826	0.7259	4.647
003	CHROMIUM		0.0272	0.0063	0.0204
004	COPPER		0.6079	0.2576	0.0355
005	IRON		0.6083	0.2211	1.075
006	LEAD		0.2433	0.0368	0.0215
007	MAGNESIUM		0.3163	0.0295	1.068
008	MANGANESE		0.0377	0.0158	0.262
009	MOLYBDENUM		0.	0.	0.
010	NICKEL		0.0268	0.1091	0.1060
011	SILICON		15.397	3.305	4.289
012	SILVER		0.	0.	0.
013	SODIUM		0.4014	0.1805	0.
014	TITANIUM		0.2405	0.1816	0.0512
015	VANADIUM		2.433	0.2579	0.1791
016	ZINC		0.	0.	0.
017	TOTAL PART.		107.0	62.2	33.6

UCN-7230B
(3 5-72

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35	36 37	38 39 40 41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
03	MARCH 1977	GASEOUS FLUORIDE			$	01	
001	K-901 PUMPHOUSE	0.	10.96	1.6		0.96	1.12
002	K-1206D TRAILER	0.4	1.2	1.04		0.48	1.92
003	RADIO TOWER	0.50	0.34	0.45		0.29	1.52
004	BLAIR ROAD	0.	3.52	0.48		0.08	1.76
005	CREDIT UNION	0.	0.48	0.88		0.88	1.12
006	WATTS BAR CABIN	0.	1.68	0.32		0.96	1.52
007	WIND VANE P			0.88			
008	WIND VANE B			0.96			
009							
010							

DATA SHEET (80 column)

UCN

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31 32	33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
03	MARCH 1977	URANIUM		501		
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01	-0.01	-0.01
002	K-1206D TRAILER	-0.01	-0.01	-0.01	-0.01	-0.01
003	RADIO TOWER	-0.01	-0.01	-0.01	0.02	-0.01
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01	-0.01
005	CREDIT UNION	-0.01	-0.01	-0.01	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	-0.01	-0.01	-0.01	-0.01
007	WIND VANE P					
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

UCN 13

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29	30 31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48
03	MARCH 1977	CHROMIUM			501		
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4	-0.4
002	K-12060 TRAILER	-0.4	-0.4	-0.4		-0.4	-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4		-0.4	-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4	-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4	-0.4
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		-0.4	-0.4
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

04	APRIL 1977	8	01	SOUTH HI-VOL
001	ALUMINUM	2.263	3.783	0.3688
002	CALCIUM	3.021	1.888	0.1806
003	CHROMIUM	0.0140	0.0227	0.0072
004	COPPER	0.0754	0.3783	0.0745
005	IRON	0.7582	0.3753	0.0715
006	LEAD	[illegible]	0.3627	0.0749
007	MAGNESIUM	0.7506	0.3772	0.0350
008	MANGANESE	0.0101	0.	0.
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0943	0.4255	0.0361
011	SILICON	3.779	2.031	0.3745
012	SILVER	0.	0.	0.
013	SODIUM	0.	0.3033	0.0753
014	TITANIUM	0.0732	[illegible]82	0.0263
015	VANADIUM	0.3033	0.0758	0.0301
016	ZINC	0.	0.	0.
017	TOTAL PART.	35.5	84.5	20.1

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
04	APRIL 1977	8	02	NORTH HI-VOL	

001	ALUMINUM	2.605	3.926	0.7399
002	CALCIUM	3.726	1.959	0.3662
003	CHROMIUM	0.0138	0.1176	0.0034
004	COPPER	0.0744	0.1172	0.0366
005	IRON	0.7474	0.3108	0.1084
006	LEAD	0.1495	0.3143	0.0744
007	MAGNESIUM	0.7399	0.3127	0.1102
008	MANGANESE	0.0273	0.	0.
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.1106	0.1164	0.0732
011	SILICON	2.978	3.145	1.119
012	SILVER	0.	0.	0.
013	SODIUM	0.	0.3147	0.1121
014	TITANIUM	0.1095	0.1062	0.0635
015	VANADIUM	0.2990	0.0393	0.0224
016	ZINC	0.	0.	0.
017	TOTAL PART.	40.5	77.4	22.7

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
04	APRIL 1977	8	03	EAST HI-VOL

001	ALUMINUM	2.169	3.479	0.3974
002	CALCIUM	2.896	1.735	0.3163
003	CHROMIUM	0.0134	0.0126	0.0036
004	COPPER	0.3630	0.1299	0.0393
005	IRON	0.7267	0.2136	0.0770
006	LEAD	0.0145	0.2175	0.0807
007	MAGNESIUM	0.7195	0.2158	0.0385
008	MANGANESE	0.0265	0.	0.
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0712	0.1290	0.0795
011	SILICON	1.806	3.485	1.214
012	SILVER	0.	0.	0.
013	SODIUM	0.	0.2180	0.1622
014	TITANIUM	0.0701	0.0741	0.0284
015	VANADIUM	0.1817	0.0436	0.0243
016	ZINC	0.	0.	0.
017	TOTAL PART.	35.3	76.4	22.7

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

04	APRIL 1977	8	04	WEST HI-VOL
001	ALUMINUM	2.348	2.940	0.3715
002	CALCIUM	3.135	1.466	0.2957
003	CHROMIUM	0.0146	0.0180	0.0072
004	COPPER	0.3143	0.2940	0.0750
005	IRON	0.7868	0.3648	0.0720
006	LEAD	0.0157	0.2944	0.0375
007	MAGNESIUM	0.7789	0.2929	0.1118
008	MANGANESE	0.0287	0.	0.
009	MOLYBDENUM	0.	0.	0.
010	NICKEL	0.0771	0.1828	0.0364
011	SILICON	3.922	3.683	0.7562
012	SILVER	0.	0.	0.
013	SODIUM	0.	0.2948	0.0758
014	TITANIUM	0.0366	0.1732	0.0265
015	VANADIUM	0.1574	0.0737	0.3033
016	ZINC	0.	0.	0.
017	TOTAL PART.	43.2	85.2	21.2

UCN-7230B
13 5-7

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29	30 31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55	56 57 58 59 60 61	62
04	APRIL 1977	GASEOUS	FLUORIDE		405					
001	K-901 PUMPHOUSE	0.88	0.72	0.24		0.88				
002	K-1206D TRAILER	0.16	0.96	0.96		1.12				
003	RADIO TOWER	0.72	1.04	0.8		0.48				
004	BLAIR ROAD	0.64	0.96	0.		0.				
005	CREDIT UNION	0.64	0.8	0.		0.08				
006	WATTS BAR CABIN		0.48	0.		0.24				
007	WIND VANE P			0.72						
008	WIND VANE B		0.16							
009										
010										

DATA SHEET (80 column)

UCI

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29 30	31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
04	APRIL 1977	URANIUM			405			
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01		-0.01		
002	K-1206D TRAILER	-0.01	-0.01	-0.01		0.04		
003	RADIO TOWER	-0.01	0.01	-0.01		-0.01		
004	BLAIR ROAD	-0.01	-0.01	-0.01		0.02		
005	CREDIT UNION	-0.01	-0.01	-0.01		-0.01		
006	WATTS BAR CABIN		-0.01	-0.01		-0.01		
007	WIND VANE P							
008	WIND VANE B							
009								
010								

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24	25 26 27 28 29	30 31 32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49
04	APRIL 1977	CHROMIUM			4	05	
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		-0.4	
002	K-12060 TRAILER	-0.4	-0.4	-0.4		-0.4	
003	RADIO TOWER	-0.4	-0.4	-0.4		-0.4	
004	BLAIR ROAD	-0.4	-0.4	-0.4		-0.4	
005	CREDIT UNION	-0.4	-0.4	-0.4		-0.4	
006	WATTS BAR CABIN		-0.4	-0.4		-0.4	
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

05 MAY 1977 2 01 SOUTH HI-VOL

001	ALUMINUM	1.554	3.996	2.792	1.989
002	CALCIUM	1.554	2.746	1.989	1.589
003	CHROMIUM	0.0113	0.0248	0.012	0.0196
004	COPPER	0.1554	0.2496	0.119	0.159
005	IRON	0.2309	0.7477	0.794	0.395
006	LEAD	0.0777	0.0248	0.279	0.159
007	MAGNESIUM	0.1542	0.0488	0.797	0.397
008	MANGANESE	0.0150	0.	0.	0.
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	0.0375	0.0990	0.038	0.078
011	SILICON	1.950	5.750	6.787	3.992
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.	0.	0.	0.
014	TITANIUM	0.0664	0.2426	0.268	0.188
015	VANADIUM	0.0035	0.010	0.019	0.016
016	ZINC	0.	0.	0.	0.
017	TOTAL PART.	25.6	59.1	77.6	37.8

UCN-7230B
(3 5-7

DATA SHEET (80 column)

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19	20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
05	MAY 1976	2	02	NORTH HI-VOL	

001	ALUMINUM	3.025	3.051	4.821	1.466
002	CALCIUM	1.888	2.032	2.406	1.098
003	CHROMIUM	0.0110	0.0201	0.024	0.007
004	COPPER	0.1888	0.2032	0.241	0.073
005	IRON	0.3753	0.6067	1.203	0.365
006	LEAD	0.1512	0.0201	0.241	0.147
007	MAGNESIUM	0.1876	0.2534	1.205	0.367
008	MANGANESE	0.0186	0.2552	1.	0.
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	0.1880	0.0754	0.789	0.021
011	SILICON	3.393	4.328	12.070	2.577
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.	0.	0.	0.
014	TITANIUM	0.0644	0.1961	0.471	0.136
015	VANADIUM	0.0758	0.0076	0.024	0.011
016	ZINC	0.	0.	0.	0.
017	TOTAL PART.	29.7	41.4	89.1	36.0

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

05 MAY 1977 2 03 EAST HI-VOL

001	ALUMINUM	1.554	1.989	4.080	0.791
002	CALCIUM	0.7731	1.190	2.036	0.391
003	CHROMIUM	0.0079	0.0116	0.020	0.0036
004	COPPER	0.1164	0.1190	0.306	0.039
005	IRON	0.1913	0.2356	1.222	0.196
006	LEAD	0.0777	0.0116	0.408	0.079
007	MAGNESIUM	0.1152	0.1577	1.224	0.198
008	MANGANESE	0.0113	0.0156	0.	0.
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	0.1156	0.0383	0.407	0.010
011	SILICON	1.950	2.394	10.219	1.196
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.	0.	0.	0.
014	TITANIUM	0.0664	0.1078	0.397	0.068
015	VANADIUM	0.0039	0.0040	0.0204	0.0039
016	ZINC	0.	0.	0.	0.
017	TOTAL PART.	17.9	17.9	94.9	21.4

UCN-7230B
(3 5-7)

DATA SHEET (80 column)

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
05	MAY 1977	204	WEST HI-VOL

001	ALUMINUM	2.940	3.734	4.717	1.466
002	CALCIUM	2.940	2.566	3.626	1.098
003	CHROMIUM	0.0180	0.0231	0.021	0.012
004	COPPER	0.2940	0.2332	0.217	0.073
005	IRON	0.3648	0.6988	1.086	0.365
006	LEAD	0.1839	0.0231	0.726	0.110
007	MAGNESIUM	0.2929	0.4662	1.088	0.367
008	MANGANESE	0.0291	0.0465	0.	0.
009	MOLYBDENUM	0.	0.	0.	0.
010	NICKEL	0.1091	0.0925	0.071	0.017
011	SILICON	3.683	4.906	11.626	2.946
012	SILVER	0.	0.	0.	0.
013	SODIUM	0.	0.	0.	0.
014	TITANIUM	0.1732	0.2267	0.352	0.136
015	VANADIUM	0.0074	0.0093	0.022	0.011
016	ZINC	0.	0.	0.	0.
017	TOTAL PART.	37.7	51.5	86.6	30.8

UCN-7230B
(3 5-77

DATA SHEET (80 column)

05 MAY 1977 GASEOUS FLUORIDE 503

001	K-901 PUMPHOUSE	0.64	0.48	0.96		0.88
002	K-1206D TRAILER	1.44	0.16	1.44		1.44
003	RADIO TOWER	0.48	0.4	0.72		0.64
004	BLAIR ROAD	0.08	0.48	0.16		1.44
005	CREDIT UNION	1.12	0.8	1.28		0.96
006	WATTS BAR CABIN	0.8	0.32			1.28
007	WIND VANE P					
008	WIND VANE B			0.56		
009						
010						

DATA SHEET (80 column)

UCN-13

1 2	3	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	44 45 46 47 48
05	MAY 1977	URANIUM		503	
001	K-901 PUMPHOUSE	-0.01	-0.01	0.03	-0.01
002	K-1206D TRAILER	-0.01	-0.01	-0.01	-0.01
003	RADIO TOWER	-0.01	0.03	-0.01	-0.01
004	BLAIR ROAD	-0.01	-0.01	-0.01	-0.01
005	CREDIT UNION	-0.01	-0.01	-0.01	-0.01
006	WATTS BAR CABIN	-0.01	-0.01		-0.01
007	WIND VANE P				
008	WIND VANE B				
009					
010					

DATA SHEET (80 column)

UCN
13

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62
05	MAY 1977	CHROMIUM			5 0 3		
001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4			-0.4
002	K-1206D TRAILER	-0.4	-0.4	-0.4			-0.4
003	RADIO TOWER	-0.4	-0.4	-0.4			-0.4
004	BLAIR ROAD	-0.4	-0.4	-0.4			-0.4
005	CREDIT UNION	-0.4	-0.4	-0.4			-0.4
006	WATTS BAR CABIN	-0.4	-0.4				-0.4
007	WIND VANE P						
008	WIND VANE B						
009							
010							

DATA SHEET (80 column)

UCN 13

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1–3	4–7	8–11	12–15	16–18	19–21	22–23	24–27	28–40
06	JUNE	1977			301	SOUTH	HI-VOL	
001	ALUMINUM			6.334		0.863		
002	CALCIUM			4.748		0.209		
003	CHROMIUM			0.119		0.008		
004	COPPER			0.396		0.086		
005	IRON			0.392		0.432		
006	LEAD			0.237		0.008		
007	MAGNESIUM			1.583		0.085		
008	MANGANESE			0.		0.002		
009	MOLYBDENUM			0.		0.		
010	NICKEL			0.355		0.042		
011	SILICON			9.907		1.741		
012	SILVER			0		0		
013	SODIUM			0		0		
014	TITANIUM			0.226		0.017		
015	VANADIUM			0.016		0		
016	ZINC			0		0		
017								
018								
019								
020								
021								
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026								
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032								
033								
034								
035								
036	TOTAL PART			74.2		28.7		

UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	6	J	U	N	E		1	9	7	7								3	0	2	N	O	R	T	H		H	1	-	V	O	L							
0	0	1	A	L	U	M	I	N	U	M						4	.	9	9	2			0	.	7	1	9		5	.	1	8	7		1	.	4	7	9	
0	0	2	C	A	L	C	I	U	M							6	.	5	3	1			0	.	3	5	6		0	.	7	3	5		0	.	7	3	6	
0	0	3	C	H	R	O	M	I	U	M						0	.	0	7	7			0	.	0	0	7		0	.	0	2	6		0	.	0	1	4	
0	0	4	C	O	P	P	E	R								0	.	3	0	7			0	.	0	3	6		0	.	0	7	3		0	.	0	2	9	
0	0	5	I	R	O	N										0	.	2	2	7			0	.	3	5	9		1	.	8	5	2		0	.	7	3	9	
0	0	6	L	E	A	D										0	.	1	1	5			0	.	0	0	7		0	.	1	1	1		0	.	0	3	7	
0	0	7	M	A	G	N	E	S	I	U	M					0	.	7	6	7			0	.	1	7	9		0	.	7	4	0		0	.	3	6	9	
0	0	8	M	A	N	G	A	N	E	S	E					0							0	.	0	0	3		0	.	0	1	4		0	.	0	0	3	
0	0	9	M	O	L	Y	B	D	E	N	U	M				0							0						0	.					0					
0	1	0	N	I	C	K	E	L								0	.	1	5	2			0	.	0	3	5		0	.	3	6	9		0	.	1	4	7	
0	1	1	S	I	L	I	C	O	N							5	.	7	6	7			1	.	1	5	2		7	.	4	1	9		2	.	2	2	8	
0	1	2	S	I	L	V	E	R								0							0						0	.					0					
0	1	3	S	O	D	I	U	M								0							0						0	.					0					
0	1	4	T	I	T	A	N	I	U	M						0	.	1	4	2			0	.	0	2	5		0	.	1	3	7		0	.	0	6	3	
0	1	5	V	A	N	A	D	I	U	M						0	.	0	0	8			0						0						0					
0	1	6	Z	I	N	C										0							0						0						0					
0	1	7																																					
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
06	JUNE																	303	EAST			HI-VOL																	
0	0	1	A	L	U	M	I	N	U	M						3	.	2	6	2			4	.	0	0	5		0	.	8	0	9		5	.	8	0	6	
0	0	2	C	A	L	C	I	U	M							2	.	8	5	4			3	.	2	0	2		1	.	2	1	8		1	.	2	3	8	
0	0	3	C	H	R	O	M	I	U	M						0	.	0	4	0			0	.	0	7	9		0	.	0	1	6		0	.	0	4	1	
0	0	4	C	O	P	P	E	R								0	.	2	8	5			0	.	4	0			0	.	4	0	8		0	.	1	2	4	
0	0	5	I	R	O	N										0	.	1	5	9			0	.	3	1	7		0	.	4	0	4		2	.	0	7	2	
0	0	6	L	E	A	D										0	.	0	8	1			0	.	2	0			0	.	0	2	4		0	.	1	2	4	
0	0	7	M	A	G	N	E	S	I	U	M					0	.	8	1	6			0	.	8	0	1		0	.	0	3	5		1	.	2	4	4	
0	0	8	M	A	N	G	A	N	E	S	E					0	.						0	.					0	.	0	0	4		0	.	0	1	6	
0	0	9	M	O	L	Y	B	D	E	N	U	M				0	.						0	.					0	.					0	.				
0	1	0	N	I	C	K	E	L								0	.	3	6	6			0	.	1	9	9		2	.	4	5	1		1	.	2	4	4	
0	1	1	S	I	L	I	C	O	N							5	.	7	2	2			4	.	0	1	1		1	.	6	3	3		8	.	3	0	4	
0	1	2	S	I	L	V	E	R								0	.						0	.					0	.					0	.				
0	1	3	S	O	D	I	U	M								0	.						0	.					0	.					0	.				
0	1	4	T	I	T	A	N	I	U	M						0	.	0	6	9			0	.	1	4	8		0	.	0	2	9		0	.	1	5	4	
0	1	5	V	A	N	A	D	I	U	M						0	.	0	0	8			0	.	0	0	8		0	.					0	.				
0	1	6	Z	I	N	C										0	.						0	.					0	.					0	.				
0	1	7																																					
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22 23 24	25 26 27	28 29 30	31 32 33
06	JUNE 1977		304	WEST	HI-VOL		
001	ALUMINUM	5.519		9.848		0.719	
002	CALCIUM	7.362		9.848		0.356	
003	CHROMIUM	0.		0.227		0.007	
004	COPPER	0.368		0.757		0.036	
005	IRON	0.365		0.375		0.359	
006	LEAD	0.147		0.303		0.007	
007	MAGNESIUM	1.472		2.652		0.179	
008	MANGANESE	0.		0.		0.003	
009	MOLYBDENUM	0.		0.		0.	
010	NICKEL	0.293		0.302		0.035	
011	SILICON	3.683		18.952		1.452	
012	SILVER	0.		0.		0.	
013	SODIUM	0.		0.		0.	
014	TITANIUM	0.284		0.368		0.025	
015	VANADIUM	0.018		0.030		0.	
016	ZINC	0.		0.		0.	
017							
018							
019							
020							
021							
022							
023							
024							
025							
026							
027							
028							
029							
030							
031							
032							
033							
034							
035							
036	TOTAL PART	93.2		157.1		40.9	

UCN-12660
(1 7-77)

µg/m³

1 2	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43	44 45 46 47 48 49	50 51 52 53 54 55 56 57 58 59 60 61 62
06	JUNE 1977	GASEOUS FLUORIDE		309			
001	K-901 PUMPHOUSE	-0.008	2.56	2.96			
002	K-1206D TRAILER	0.48	3.36	1.84			
003	RADIO TOWER	0.48	0.38	0.49			
004	BLAIR ROAD	0.16	0.88	1.28			
005	CREDIT UNION	0.4	0.48	0.96			
006	WATTS BAR CABIN	-0.008	0.4	1.12			
007	WIND VANE P		0.48				
008	WIND VANE B		0.4				
009							
010							

DATA SHEET (80 column)

UCN
13

06	JUNE 1977	URANIUM			309
001	K-901 PUMPHOUSE	-0.01	-0.01	-0.01	
002	K-1206D TRAILER	-0.01	0.01	-0.01	
003	RADIO TOWER	-0.01	-0.01	-0.01	
004	BLAIR ROAD	-0.01	-0.01	-0.01	
005	CREDIT UNION	-0.01	-0.01	-0.01	
006	WATTS BAR CABIN	-0.01	-0.01	-0.01	
007	WIND VANE P				
008	WIND VANE B				
009					
010					

UCN-7230
13 5-7

DATA SHEET (80 column)

06 JUNE 1977 CHROMIUM 309

001	K-901 PUMPHOUSE	-0.4	-0.4	-0.4		
002	K-1206D TRAILER	-0.4	-0.4	-0.4		
003	RADIO TOWER	-0.4	-0.4	-0.4		
004	BLAIR ROAD	-0.4	-0.4	-0.4		
005	CREDIT UNION	-0.4	-0.4	-0.4		
006	WATTS BAR CABIN	-0.4	-0.4	-0.4		
007	WIND VANE P					
008	WIND VANE B					
009						
010						

DATA SHEET (80 column)

UCN-723

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
07	JULY					1977												501	SOUTH								HI-VOL												
0	0	1	A	L	U	M	I	N	U	M					0.	6	2	6																					
0	0	2	C	A	L	C	I	U	M						0.	3	0	9																					
0	0	3	C	H	R	O	M	I	U	M					0.	0	1	9																					
0	0	4	C	O	P	P	E	R							0.	1	5	8																					
0	0	5	I	R	O	N									0.	1	5	5																					
0	0	6	L	E	A	D									0																								
0	0	7	M	A	G	N	E	S	I	U	M				0.	2	3	6																					
0	0	8	M	A	N	G	A	N	E	S	E				0.	0	0	4																					
0	0	9	M	O	L	Y	B	D	E	N	U	M			0																								
0	1	0	N	I	C	K	E	L							0.	0	6	2																					
0	1	1	S	I	L	I	C	O	N						1.	1	8	7																					
0	1	2	S	I	L	V	E	R							0																								
0	1	3	S	O	D	I	U	M							0																								
0	1	4	T	I	T	A	N	I	U	M					0.	0	2	0																					
0	1	5	V	A	N	A	D	I	U	M					0.	0	2	4																					
0	1	6	Z	I	N	C									0																								
0	1	7	C	O	B	A	L	T							0																								
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22	23 24	25 26 27	28	29 30	31 32 33	34 35 36 37 38 39 40
07	JULY 1977		502		WORTH		H	1-V	01	
001	ALUMINUM	1.479			0.383			0.797		
002	CALCIUM	0.736			0.383			0.998		
003	CHROMIUM	0.014			0.011			0.032		
004	COPPER	0.029			0.077			0.120		
005	IRON	0.739			0.074			0.197		
006	LEAD	0.037			0.039			0.040		
007	MAGNESIUM	0.369			0.076			0.320		
008	MANGANESE	0.003			0.004			0.008		
009	MOLYBDENUM	0.			0			0		
010	NICKEL	0.147			0.389			0.039		
011	SILICON	2.228			1.169			1.608		
012	SILVER	0			0			0		
013	SODIUM	0			0			0		
014	TITANIUM	0.063			0.018			0.028		
015	VANADIUM	0			0.008			0.024		
016	ZINC	0			0			0		
017										
018										
019										
020										
021										
022										
023										
024										
025										
026										
027										
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030										
031										
032										
033										
034										
035										
036	TOTAL PART	75.77			6.76			42.74		

UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1–3	4–15	16–18	19–21	23–28	29–34
07	JULY 1977		503	EAST HI-VOL	
001	ALUMINUM	0.835	2.435	0.888	
002	CALCIUM	0.118	1.214	3.576	
003	CHROMIUM	0.008	0.069	0.107	
004	COPPER	0.210	0.697	0.716	
005	IRON	0.418	0.694	0.176	
006	LEAD	0.021	0.104	0.179	
007	MAGNESIUM	0.124	0.696	0.177	
008	MANGANESE	0.002	0.024	0.035	
009	MOLYBDENUM	0	0	0	
010	NICKEL	1.264	2.440	5.373	
011	SILICON	0.842		0.894	
012	SILVER	0	0	0	
013	SODIUM	0	0	0	
014	TITANIUM	0.017	1.036	0.097	
015	VANADIUM	0	0.035	0.072	
016	ZINC	0	0	0	
017	COBALT			0.014	
018					
019					
020					
021					
022					
023					
024					
025					
026					
027					
028					
029					
030					
031					
032					
033					
034					
035					
036	TOTAL PART	47.0	52.35	69.97	

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DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21 22	23 24 25	26 27 28	29 30 31	32 33 34
07	JULY 1977		504	WEST	HI-VOL		
001	ALUMINUM	3.576		2.173		2.446	
002	CALCIUM	5.010		1.084		2.446	
003	CHROMIUM	0.107		0.072		0.021	
004	COPPER	0.716		0.726		0.290	
005	IRON	0.713		0.723		0.360	
006	LEAD	0.322		0.145		0.072	
007	MAGNESIUM	1.073		0.725		0.725	
008	MANGANESE	0.032		0.025		0.014	
009	MOLYBDENUM	0		0		0	
010	NICKEL	0.178		0.180		0.071	
011	SILICON	6.806		3.632		2.905	
012	SILVER	0		0		0	
013	SODIUM	0		0		0	
014	TITANIUM	0.168		0.098		0.063	
015	VANADIUM	0.072		0.036		0.036	
016	ZINC	0		0		0	
017							
018							
019							
020							
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032							
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034							
035							
036	TOTAL PART	66.28		51.05		48.18	

UCN-12660
(1 7-77)

FORTRAN

07 JULY 1977 | Gaseous Fluoride | 407

001	K-901 PUMPHOUSE	0.[illegible]6	1.28	1.76	0.64
002	K-1206D TRAILER	1.28	1.12	1.68	1.28
003	RADIO TOWER	0.50	0	0	0.40
004	BLAIR ROAD	0.96	0.80	1.20	0.24
005	CREDIT UNION	1.12	0.48	0.80	0.32
006	WATTS BAR CABIN	0.80	0	0.72	0.80
007	WIND VANE P		0.40		
008	WIND VANE B		0.40		
009					
010					
011					
012					
013					
014					
015					
016					
017					
018					
019					

UCN-12659
(1 7-77)

FORTRAN

07 JULY 1977 | 4 07

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	20 21 22 23 24	26 27 28 29 30	32 33 34	38 39 40 41 42
00	1	K-901 PUMPHOUSE	<0.01	<0.01	0.02	00.02
00	2	K-1206D TRAILER	<0.01	<0.01	0.04	0.03
00	3	RADIO TOWER	<0.01	<0.01	0	0
00	4	BLAIR ROAD	<0.01	<0.01	0.02	<0.01
00	5	CREDIT UNION	<0.01	<0.01	0.01	<0.01
00	6	WATTS BAR CABIN	<0.01	<0.01	0.01	<0.01
00	7	WIND VANE P				
00	8	WIND VANE B				
	9					
0	0					
01	1					
01	2					
01	3					
01	4					
01	5					
01	6					
01	7					
01	8					
01	9					

UCN-12659
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FORTRAN

07 JULY 1977 [illegible] 407

Seq. (1–3)	Location (4–18)	20–25	26–31	32–37	38–43
001	K-901 PUMPHOUSE	<0.04	<0.04	<0.04	<0.04
002	K-1206D TRAILER	<0.04	<0.04	<0.04	<0.04
003	RADIO TOWER	<0.04	<0.04	<0.04	<0.04
004	BLAIR ROAD	<0.04	<0.04	<0.04	<0.04
005	CREDIT UNION	<0.04	<0.04	<0.04	<0.04
006	WATTS BAR CABIN	<0.04	<0.04	<0.04	<0.04
007	WIND VANE P	<0.04	<0.04	<0.04	<0.04
008	WIND VANE B	<0.04	<0.04	<0.04	<0.04
9					
010					
011					
012					
013					
014					
015					
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UCN-12659
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	8	A	U	G	U	S	T		1	9	7	7						6	0	1	S	O	U	T	H		H	1	-	V	O	L							
0	0	1	A	L	U	M	I	N	U	M					2	.	5	4	3			1	.	2	3	8		1	.	1	3	0		1	.	1	6	4	
0	0	2	C	A	L	C	I	U	M						1	.	1	5	6			0	.	1	9	9		0	.	7	5	0		1	.	5	5	4	
0	0	3	C	H	R	O	M	I	U	M					0	.	0	1	1			0	.	0	0	8		0	.	0	3	8		0	.	0	1	1	
0	0	4	C	O	P	P	E	R							0	.	3	8	7			0	.	1	2	4		0	.	2	2	7		0	.	3	9	0	
0	0	5	I	R	O	N									0	.	3	0	6			0	.	4	1	1		0	.	3	7	5		0	.	5	8	2	
0	0	6	L	E	A	D									0							0						0	.	2	2	7		0	.	3	5	1	
0	0	7	M	A	G	N	E	S	I	U	M				0	.	1	9	2			0	.	1	2	2		0	.	0	7	4		0	.	0	7	6	
0	0	8	M	A	N	G	A	N	E	S	E				0	.	0	1	9			0	.	0	0	8		0	.	0	2	2		0	.	0	1	1	
0	0	9	M	O	L	Y	B	D	E	N	U	M			0							0						0						0					
0	1	0	N	I	C	K	E	L							0	.	1	1	5			0	.	0	8	1		0	.	1	5	0		0	.	2	3	3	
0	1	1	S	I	L	I	C	O	N						1	.	9	3	6			1	.	2	4	4		3	.	7	8	9		2	.	3	4	1	
0	1	2	S	I	L	V	E	R							0							0						0											
0	1	3	S	O	D	I	U	M							0							0						0	.	1	5	2		0	.	2	3	4	
0	1	4	T	I	T	A	N	I	U	M					0	.	0	2	7			0	.	0	2	9		0	.	1	0	2		0	.	1	0	5	
0	1	5	V	A	N	A	D	I	U	M					0	.	0	1	9			0	.	0	1	7		0						0					
0	1	6	Z	I	N	C									0							0						0						0					
0	1	7	C	O	B	A	L	T							0							0						0						0					
0	1	8																																					
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0	3	6	T	O	T	A	L		P	A	R	T			3	4	.	3	8			3	7	.	8	7		6	7	.	1	3		6	1	.	2	0	

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FORTRAN

MATERIALS INVENTORY

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15	16 17 18	19 20 21	22	23 24	25 26 27 28	29 30	31 32 33	34	35 36	37 38	39 40
08	AUGUST 1977		602	W	ORTH	HI-VOL						
001	ALUMINUM	1.208			0.785		1.602			1.196		
002	CALCIUM	1.208			0.389		0.797			1.190		
003	CHROMIUM	0.012			0.019		0.040			0.079		
004	COPPER	0.405			0.237		0.241			0.239		
005	IRON	0.320			0.392		0.801			1.194		
006	LEAD	0			0		0.281			0.239		
007	MAGNESIUM	0.201			0.157		0.078			0.118		
008	MANGANESE	0.016			0.015		0.028			0.036		
009	MOLYBDENUM	0			0		0			0		
010	NICKEL	0.201			0.078		0.119			0.078		
011	SILICON	1.602			1.187		5.229			5.988		
012	SILVER	0			0		0			0		
013	SODIUM	0			0		0.201			0.240		
014	TITANIUM	0.070			0.028		0.068			0.108		
015	VANADIUM	0.016			0.016		0			0		
016	ZINC	0			0		0			0		
017	COBALT	0.001			0		0			0		
018												
019												
020												
021												
022												
023												
024												
025												
026												
027												
028												
029												
030												
031												
032												
033												
034												
035												
036	TOTAL PART	37.88			30.00		73.40			58.90		

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FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	8	A	U	G	U	S	T		1	9	7	7						6	0	3	E	A	S	T		H	I	-	V	O	L								
0	0	1	A	L	U	M	I	N	U	M					1	.	4	3	6			1	.	7	8	4		1	.	7	6	0		1	.	4	0	7	
0	0	2	C	A	L	C	I	U	M						0	.	7	1	4			0	.	7	0	9		1	.	0	5	3		0	.	7	0	0	
0	0	3	C	H	R	O	M	I	U	M					0	.	0	1	4			0	.	0	1	0		0	.	0	3	5		0	.	0	3	5	
0	0	4	C	O	P	P	E	R							0	.	7	2	1			0	.	2	8	6		0	.	2	8	2		0	.	2	8	2	
0	0	5	I	R	O	N									2	.	5	2	2			0	.	3	1	9		0	.	7	0	3		0	.	3	5	0	
0	0	6	L	E	A	D									0							0						0	.	2	8	2		0	.	2	1	2	
0	0	7	M	A	G	N	E	S	I	U	M				0	.	2	5	2			0	.	2	4	9		0	.	1	0	4		0	.	0	6	9	
0	0	8	M	A	N	G	A	N	E	S	E				0	.	0	1	4			0	.	0	2	5		0	.	0	2	8		0					
0	0	9	M	O	L	Y	B	D	E	N	U	M			0							0						0						0					
0	1	0	N	I	C	K	E	L							2	.	8	8	4			0	.	1	0	6		2	.	8	2	6		2	.	8	2	6	
0	1	1	S	I	L	I	C	O	N						1	.	4	4	1			2	.	5	0	6		4	.	9	4	7		4	.	2	4	0	
0	1	2	S	I	L	V	E	R							0							0						0						0					
0	1	3	S	O	D	I	U	M							0							0						0	.	2	1	2		0	.	1	7	7	
0	1	4	T	I	T	A	N	I	U	M					0	.	0	6	2			0	.	0	6	2		0	.	1	0	5		0	.	0	6	0	
0	1	5	V	A	N	A	D	I	U	M					0	.	0	1	4			0	.	0	1	8		0						0					
0	1	6	Z	I	N	C									0							0						0						0					
0	1	7	C	O	B	A	L	T							0	.	0	0	4			0						0						0					
0	1	8																																					
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0	3	4																																					
0	3	5																																					
0	3	6	T	O	T	A	L		P	A	R	T			4	1	.	8	8			3	6	.	9	8		6	9	.	1	8		4	8	.	5	0	

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FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	8	A	U	G	U	S	T		1	9	7	7						6	0	4	W	E	S	T		H	I	-	V	O	L									
0	0	1	A	L	U	M	I	N	U	M					3	.	1	7	3			1	.	7	2	4		1	.	0	6	8		1	.	4	4	6	
0	0	2	C	A	L	C	I	U	M						3	.	1	7	3			0	.	3	5	9		1	.	4	2	6		2	.	1	7	3	
0	0	3	C	H	R	O	M	I	U	M					0	.	0	1	4			0	.	0	1	8		0	.	0	7	1		0	.	0	1	4	
0	0	4	C	O	P	P	E	R							0	.	3	6	3			0	.	3	6	5		0	.	3	2	2		0	.	3	6	3	
0	0	5	I	R	O	N									0	.	3	6	0			0	.	3	6	2		0	.	7	1	3		0	.	7	2	3	
0	0	6	L	E	A	D									0							0						0	.	3	2	2		0	.	2	9	0	
0	0	7	M	A	G	N	E	S	I	U	M				0	.	2	8	9			0	.	1	4	4		0	.	1	0	6		0	.	1	4	4	
0	0	8	M	A	N	G	A	N	E	S	E				0	.	0	2	1			0	.	0	1	2		0	.	0	3	5		0	.	0	1	4	
0	0	9	M	O	L	Y	B	D	E	N	U	M			0							0						0						0					
0	1	0	N	I	C	K	E	L							0	.	0	7	1			0	.	0	3	5		0	.	1	0	6		0	.	1	4	4	
0	1	1	S	I	L	I	C	O	N						2	.	9	0	5			1	.	0	9	6		5	.	3	7	3		2	.	9	0	5	
0	1	2	S	I	L	V	E	R							0							0						0						0					
0	1	3	S	O	D	I	U	M							0							0						0	.	2	1	5		0	.	2	9	1	
0	1	4	T	I	T	A	N	I	U	M					0	.	0	6	3			0	.	0	2	6		0	.	0	9	7		0	.	1	3	4	
0	1	5	V	A	N	A	D	I	U	M					0	.	0	2	9			0	.	0	1	5		0						0					
0	1	6	Z	I	N	C									0							0						0						0					
0	1	7																																					
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Margo: Use statistical fluoride correction factor for data after August 1, 1977
These are weekly average values T. Bard

FORTRAN

08	August 1977	Gaseous Fluoride	3	12

1	2	3	4–18	20–25	26–31	32–37
0	0	1	K-901 PUMPHOUSE	—	—	0.25
0	0	2	K-1206D TRAILER	0.07	0.62	1.17
0	0	3	RADIO TOWER	0.13	0.21	0.23
0	0	4	BLAIR ROAD	0.27	0.23	0.14
0	0	5	CREDIT UNION	0.07	0.08	0.06
0	0	6	WATTS BAR CABIN	—	<0.02	—
0	0	7	WIND VANE P			
0	0	8	WIND VANE B			
		9				
0	1	0				
0	1	1				
0	1	2				
0	1	3				
0	1	4				
0	1	5				
0	1	6				
0	1	7				
0	1	8				
0	1	9				

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FORTRAN

08 August 1977 | Uranium | 12

001	K-901 PUMPHOUSE
002	K-1206D TRAILER
003	RADIO TOWER
004	BLAIR ROAD
005	CREDIT UNION
006	WATTS BAR CABIN
007	WIND VANE P
008	WIND VANE B
009	
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015	
016	
017	
018	
019	

No Number

UCN-12659
(1 7-77)

FORTRAN

08 August 1977 | Chromium | 12

001	K-901 PUMPHOUSE
002	K-1206D TRAILER
003	RADIO TOWER
004	BLAIR ROAD
005	CREDIT UNION
006	WATTS BAR CABIN
007	WIND VANE P
008	WIND VANE B
009	
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No Sampler

UCN-12659
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	9	S	E	P	T	E	M	B	E	R		1	9	7	7			7	0	1	S	O	U	T	H		A	1	-	V	O	L							
0	0	1	A	L	U	M	I	N	U	M					1	.	5	5	4			0	.	7	9	7		1	.	9	1	5							
0	0	2	C	A	L	C	I	U	M						0	.	7	7	3			0	.	3	9	4		1	.	9	1	5							
0	0	3	C	H	R	O	M	I	U	M					0	.	0	1	1			0	.	0	0	8		0	.	0	3	0							
0	0	4	C	O	P	P	E	R							0	.	1	9	4			0	.	2	0	0		0	.	3	8	4							
0	0	5	I	R	O	N									0	.	3	0	8			0	.	3	1	8		1	.	1	5	0							
0	0	6	L	E	A	D									0	.	1	1	7			0	.	1	2	0		0	.	1	5	3							
0	0	7	M	A	G	N	E	S	I	U	M				0	.	0	3	7			0	.	1	5	9		0	.	3	8	3							
0	0	8	M	A	N	G	A	N	E	S	E				0	.	0	0	4			0	.	0	0	4		0	.	0	3	0							
0	0	9	M	O	L	Y	B	D	E	N	U	M			0							0						0											
0	1	0	N	I	C	K	E	L							0	.	1	5	5			0	.	2	0	0		0	.	1	9	1							
0	1	1	S	I	L	I	C	O	N						1	.	1	6	9			1	.	2	0	5		1	.	9	2	1							
0	1	2	S	I	L	V	E	R							0							0						0											
0	1	3	S	O	D	I	U	M							0	.	0	7	8			0						0											
0	1	4	T	I	T	A	N	I	U	M					0	.	0	2	7			0	.	0	2	8		0	.	1	0	4							
0	1	5	V	A	N	A	D	I	U	M					0							0	.	0	0	2		0	.	0	0	4							
0	1	6	Z	I	N	C									0							0						0											
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0	3	5																																					
0	3	6	T	O	T	A	L		P	A	R	T			4	4	.	0	0			3	7	.	3			4	0	.	4								

UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	9	S	E	P	T	E	M	B	E	R		1	9	7	7			7	0	2	W	O	R	T	H		H	1	-	V	O	L							
0	0	1	A	L	U	M	I	N	U	M					0	.	3	9	4			1	.	6	2	7		3	.	8	9	7							
0	0	2	C	A	L	C	I	U	M						0	.	1	9	3			0	.	8	0	9		0	.	7	7	3							
0	0	3	C	H	R	O	M	I	U	M					0	.	0	0	8			0	.	0	1	6		0	.	0	2	3							
0	0	4	C	O	P	P	E	R							0	.	1	2	0			0	.	3	2	6		0	.	1	1	6							
0	0	5	I	R	O	N									0	.	1	9	7			0	.	4	0	5		0	.	7	7	7							
0	0	6	L	E	A	D									0	.	1	2	0			0	.	0	9	0		0	.	0	7	8							
0	0	7	M	A	G	N	E	S	I	U	M				0	.	0	3	8			0	.	3	2	5		0	.	3	8	8							
0	0	8	M	A	N	G	A	N	E	S	E				0	.	0	0	4			0	.	0	1	6		0	.	0	2	3							
0	0	9	M	O	L	Y	B	D	E	N	U	M			0							0						0											
0	1	0	N	I	C	K	E	L							0	.	0	7	9			0	.	0	8	0		0	.	0	7	6							
0	1	1	S	I	L	I	C	O	N						0	.	8	0	3			3	.	2	6	9		1	.	6	0	0							
0	1	2	S	I	L	V	E	R							0							0						0											
0	1	3	S	O	D	I	U	M							0	.	0	8	0			0						0											
0	1	4	T	I	T	A	N	I	U	M					0	.	0	2	8			0	.	0	7	0		0	.	0	6	6							
0	1	5	V	A	N	A	D	I	U	M					0							0	.	0	0	4		0	.	0	0	4							
0	1	6	Z	I	N	C									0							0						0											
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	9	S	E	P	T	E	M	B	E	R		1	9	7	7			7	0	3	E	A	S	T		H	1	-	V	O	L								
0	0	1	A	L	U	M	I	N	U	M					0	.	3	4	6			1	.	4	0	7		1	.	5	1	3							
0	0	2	C	A	L	C	I	U	M						0	.	0	6	4			0	.	2	7	6		0	.	5	6	5							
0	0	3	C	H	R	O	M	I	U	M					0	.	0	0	7			0	.	0	0	7		0	.	0	1	5							
0	0	4	C	O	P	P	E	R							0	.	2	1	1			0	.	1	7	6		0	.	3	7	9							
0	0	5	I	R	O	N									0	.	3	5	0			0	.	3	5	0		0	.	3	7	7							
0	0	6	L	E	A	D									0	.	2	1	2			0	.	1	7	6		0	.	0	9	4							
0	0	7	M	A	G	N	E	S	I	U	M				0	.	0	6	9			0	.	1	7	5		0	.	1	8	9							
0	0	8	M	A	N	G	A	N	E	S	E				0	.	0	0	7			0	.	0	0	7		0	.	0	1	5							
0	0	9	M	O	L	Y	B	D	E	N	U	M			0							0						0											
0	1	0	N	I	C	K	E	L							0	.	0	6	9			0	.	7	0	6		0	.	9	4	7							
0	1	1	S	I	L	I	C	O	N						1	.	0	5	9			1	.	4	1	2		1	.	8	9	5							
0	1	2	S	I	L	V	E	R							0							0						0											
0	1	3	S	O	D	I	U	M							0	.	0	7	1			0						0											
0	1	4	T	I	T	A	N	I	U	M					0	.	0	6	0			0	.	0	2	5		0	.	0	3	2							
0	1	5	V	A	N	A	D	I	U	M					0							0	.	0	0	3		0	.	0	0	2							
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DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	9	S	E	P	T	E	M	B	E	R		1	9	7	7			7	0	4	W	E	S	T		H	I	-	V	O	L								
0	0	1	A	L	U	M	I	N	U	M						0	.	3	5	1			3	.	5	7	6		2	.	5	0	1							
0	0	2	C	A	L	C	I	U	M							0	.	3	5	1			1	.	0	6	8		1	.	0	6	8							
0	0	3	C	H	R	O	M	I	U	M						0	.	0	1	0			0	.	0	2	1		0	.	0	3	5							
0	0	4	C	O	P	P	E	R								0	.	1	4	3			0	.	3	5	8		0	.	3	5	8							
0	0	5	I	R	O	N										0	.	1	7	6			1	.	0	7	1		1	.	0	7	1							
0	0	6	L	E	A	D										0	.	1	0	7			0	.	1	0	7		0	.	1	7	9							
0	0	7	M	A	G	N	E	S	I	U	M					0	.	0	3	4			0	.	7	1	5		0	.	3	5	6							
0	0	8	M	A	N	G	A	N	E	S	E					0	.	0	0	3			0	.	0	3	5		0	.	0	3	5							
0	0	9	M	O	L	Y	B	D	E	N	U	M				0							0																	
0	1	0	N	I	C	K	E	L								0	.	1	0	6			0	.	1	0	6		0	.	1	0	6							
0	1	1	S	I	L	I	C	O	N							1	.	0	7	3			4	.	6	5	6		3	.	5	8	1							
0	1	2	S	I	L	V	E	R								0							0						0											
0	1	3	S	O	D	I	U	M								0	.	0	7	2			0						0											
0	1	4	T	I	T	A	N	I	U	M						0	.	0	2	5			0	.	1	6	8		0	.	0	9	7							
0	1	5	V	A	N	A	D	I	U	M						0							0	.	0	1	1		0	.	0	0	7							
0	1	6	Z	I	N	C										0							0						0											
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0	3	5																																					
0	3	6	T	O	T	A	L		P	A	R	T				3	9	.	0	0			4	5	.	9			4	3	.	6								

UCN-12660
(1 7-77)

FORTRAN

09 September 1977 — Fluoride — 402

001	K-901 PUMPHOUSE	0.13	0.19	0.08	0.06
002	K-1206D TRAILER	0.53	0.56	<0.04	<0.035
003	RADIO TOWER	0.19	0.19	0.11	0.08
004	BLAIR ROAD	0.20	0.07	0.20	0.18
005	CREDIT UNION	0.06	0.04	0.05	0.05
006	WATTS BAR CABIN	0.09	0.08	0.12	0.14
007	WIND VANE P				
008	WIND VANE B				
9					
010					
011					
012					
013					
014					
015					
016					
017					
018					
019					

FORTRAN

09	September 1977	Uranium	3/16

001	K-901 PUMPHOUSE	<0.01	<0.01	<0.01
002	K-1206D TRAILER	<0.01	<0.01	<0.01
003	RADIO TOWER	<0.01	00.01	<0.01
004	BLAIR ROAD	<0.01	<0.01	<0.01
005	CREDIT UNION	<0.01	<0.01	<0.01
006	WATTS BAR CABIN	<0.01	<0.01	<0.01
007	WIND VANE P			
008	WIND VANE B			
9				
010				
011				
012				
013				
014				
015				
016				
017				
018				
019				

UCN-12659
(1 7-77)

FORTRAN

09 September 1977 | Chromium | 3/16

1	2	3	4–18	20–25	26–31	32–35
0	0	1	K-901 PUMPHOUSE	<0.4	<0.4	<0.4
0	0	2	K-1206D TRAILER	<0.4	<0.4	<0.4
0	0	3	RADIO TOWER	<0.4	<0.4	<0.4
0	0	4	BLAIR ROAD	<0.4	<0.4	<0.4
0	0	5	CREDIT UNION	<0.4	<0.4	<0.4
0	0	6	WATTS BAR CABIN	<0.4	<0.4	<0.4
0	0	7	WIND VANE P			
0	0	8	WIND VANE B			
		9				
0	1	0				
0	1	1				
0	1	2				
0	1	3				
0	1	4				
0	1	5				
0	1	6				
0	1	7				
0	1	8				
0	1	9				

UCN-12659
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	0	0	C	T	O	B	E	R		1	9	7	7					1	0	1	S	O	U	T	H		H	1	-	V	O	L							
0	0	1	A	L	U	M	I	N	U	M							0	.	7	8	5		0	.	7	9	7		0	.	7	7	3		1	.	2	2	8	
0	0	2	C	A	L	C	I	U	M								0	.	3	8	8		0	.	7	9	7		0	.	7	7	3		1	.	2	2	8	
0	0	3	C	H	R	O	M	I	U	M							0	.	0	1	1		0	.	0	4	0		0	.	1	5	6			.	0	0	3	7
0	0	4	C	O	P	P	E	R									0	.	1	9	7		0	.	0	8	0		0	.	0	7	7			.	2	8	7	6
0	0	5	I	R	O	N											0	.	3	9	2		0	.	1	9	7		0	.	3	8	6			.	0	0	8	2
0	0	6	L	E	A	D											0	.	0	7	9		0	.	0	1	2									.	1	2	3	2
0	0	7	M	A	G	N	E	S	I	U	M						0	.	1	9	6		0	.	1	1	9		0	.	2	3	2			.	0	2	6	8
0	0	8	M	A	N	G	A	N	E	S	E						0	.	0	1	5		0						0	.	0	1	5			.	0	2	0	2
0	0	9	M	O	L	Y	B	D	E	N	U	M					0	.	0				0						0							.	0	1	2	4
0	1	0	N	I	C	K	E	L									0	.	0	7	8		0	.	0	3	9		0	.	0	7	6		1	.	6	4	6	
0	1	1	S	I	L	I	C	O	N								0	.	7	9	1		0	.	8	0	3		3	.	9	0	3		2	.	0	5	8	
0	1	2	S	I	L	V	E	R									0	.	0				0						0						0					
0	1	3	S	O	D	I	U	M									0	.	0				0						0						0					
0	1	4	T	I	T	A	N	I	U	M							0	.	0	2	8		0	.	0	1	2		0	.	0	2	7			.	1	1	1	2
0	1	5	V	A	N	A	D	I	U	M							0	.	0	1	6		0						0						0					
0	1	6	Z	I	N	C											0	.	0				0						0						0					
0	1	7																																					
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0	3	6	T	O	T	A	L		P	A	R	T					0						2	2	.	7			7	3	.	3			7	4	5	.	4

UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	0	0	C	T	O	B	E	R		1	9	7	7					1	0	2	N	O	R	T	H		H	1	-	V	O	L							
0	0	1	A	L	U	M	I	N	U	M							0	.	7	9	7		0	.	3	6	9		1	.	4	4	6			.	7	3	9	9
0	0	2	C	A	L	C	I	U	M								0	.	7	9	7		0	.	3	6	9		0	.	7	1	9		1	.	1	1	4	
0	0	3	C	H	R	O	M	I	U	M							0	.	0	1	6		0	.	0	3	7		0	.	0	7	2			.	0	1	0	8
0	0	4	C	O	P	P	E	R									0	.	2	0	0		0	.	0	7	4		0	.	3	6	3			.	0	7	0	2
0	0	5	I	R	O	N											0	.	3	9	8		0	.	1	8	4		0	.	3	6	0			.	0	1	4	9
0	0	6	L	E	A	D											0	.	0	4	0		0	.	0	1	1		0	.	0	2	1			.	0	8	9	3
0	0	7	M	A	G	N	E	S	I	U	M						0	.	1	9	9		0	.	0	7	3		0	.	2	1	6			.	0	3	5	5
0	0	8	M	A	N	G	A	N	E	S	E						0	.	0	1	2		0	.	0	0	7		0	.	0	1	4			.	0	1	4	6
0	0	9	M	O	L	Y	B	D	E	N	U	M					0	.	0				0						0							.	0	0	7	5
0	1	0	N	I	C	K	E	L									0	.	0	7	9		0	.	0	7	4		0	.	1	4	4			.	0	8	8	2
0	1	1	S	I	L	I	C	O	N								0	.	8	0	3		0	.	7	5	1		1	.	4	5	2		1	.	4	9	3	
0	1	2	S	I	L	V	E	R									0	.	0				0						0						0					
0	1	3	S	O	D	I	U	M									0	.	0				0						0						0	.				
0	1	4	T	I	T	A	N	I	U	M							0	.	0	2	8		0	.	0	1	1		0	.	0	2	5			.	0	4	1	1
0	1	5	V	A	N	A	D	I	U	M							0	.	0	1	6		0						0						0					
0	1	6	Z	I	N	C											0	.	0				0						0						0					
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	0	0	C	T	O	B	E	R		1	9	7	7					1	0	3	E	A	S	T		H	I	-	V	O	L								
0	0	1	A	L	U	M	I	N	U	M							0	.	7	0	5		1	.	3	9	7		0							.	3	5	1	1
0	0	2	C	A	L	C	I	U	M								1	.	4	1	6		0	.	6	9	5		0						1	.	4	2	6	
0	0	3	C	H	R	O	M	I	U	M							0	.	0	2	1		0	.	0	7	0		0							.	0	0	6	8
0	0	4	C	O	P	P	E	R									0	.	7	1	1		0	.	1	4	0		0							.	7	1	5	9
0	0	5	I	R	O	N											0	.	7	0	8		0	.	3	4	8		0							.	0	1	0	7
0	0	6	L	E	A	D											0	.	1	0	6		0	.	0	2	1		0							.	1	4	3	0
0	0	7	M	A	G	N	E	S	I	U	M						0	.	3	5	4		0	.	1	3	9		0							.	0	2	3	3
0	0	8	M	A	N	G	A	N	E	S	E						0	.	0	1	4		0	.	0	1	4		0							.	0	1	4	0
0	0	9	M	O	L	Y	B	D	E	N	U	M					0	.	0				0	.	0				0							.	0	1	0	7
0	1	0	N	I	C	K	E	L									3	.	5	5	7		0	.	2	0	9		0						2	.	1	4	8	
0	1	1	S	I	L	I	C	O	N								1	.	4	2	2		0	.	7	0	0		0						1	.	0	7	3	
0	1	2	S	I	L	V	E	R								0	0	.	0				0	.	0				0						0					
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0	1	4	T	I	T	A	N	I	U	M							0	.	0	6	0		0	.	0	2	4		0							.	0	6	0	9
0	1	5	V	A	N	A	D	I	U	M							0	.	0	0	4		0	.	0				0						0					
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	0	0	C	T	O	B	E	R		1	9	7	7					1	0	4	W	E	S	T		H	1	-	V	O	L								
0	0	1	A	L	U	M	I	N	U	M					0							0						0	.	7	0	9		1	.	0	6	8	
0	0	2	C	A	L	C	I	U	M						0							0						0	.	7	0	9		1	.	0	6	8	
0	0	3	C	H	R	O	M	I	U	M					0							0						0	.	0	7	1			.	0	1	7	6
0	0	4	C	O	P	P	E	R							0							0						0	.	2	8	6			.	2	9	3	1
0	0	5	I	R	O	N									0							0						0	.	3	5	5			.	0	4	3	0
0	0	6	L	E	A	D									0							0						0	.	0	1	0			.	1	4	6	5
0	0	7	M	A	G	N	E	S	I	U	M				0							0						0	.	2	1	3			.	0	5	5	5
0	0	8	M	A	N	G	A	N	E	S	E				0							0						0	.	0	1	4			.	0	2	1	1
0	0	9	M	O	L	Y	B	D	E	N	U	M			0							0						0							.	0	1	0	7
0	1	0	N	I	C	K	E	L							0							0						0	.	0	0	9			.	3	5	6	9
0	1	1	S	I	L	I	C	O	N						0							0						1	.	4	3	1		2	.	1	4	8	
0	1	2	S	I	L	V	E	R							0							0						0						0					
0	1	3	S	O	D	I	U	M							0							0						0						0					
0	1	4	T	I	T	A	N	I	U	M					0							0						0	.	0	2	5			.	1	0	7	5
0	1	5	V	A	N	A	D	I	U	M					0							0						0						0					
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FORTRAN

10 October 1977 | Fluoride | 4 07

1	2	3	4–18	19	20–25	26–31	32–37	38–43	44–48
0	0	1	K-901 PUMPHOUSE		0.05	0.11	0.08	—	
0	0	2	K-1206D TRAILER		0.23	0.20	0.11	0.09	
0	0	3	RADIO TOWER		0.12	0.11	0.18	0.35	
0	0	4	BLAIR ROAD		0.04	0.07	0.05	0.51	
0	0	5	CREDIT UNION		0.04	0.05	0.04	0.20	
0	0	6	WATTS BAR CABIN		0.04	0.07	<0.04	0.11	
0	0	7	WIND VANE P						
0	0	8	WIND VANE B						
		9							
0	1	0							
0	1	1							
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FORTRAN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1	0	October 1977																	Uranium															4	07													
0	0	1	K	-	9	0	1		P	U	M	P	H	O	U	S	E			<0.	01				0.	01			<0.	01							—	—								
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			<0.	01				0.	01			<0.	01							0.	02								
0	0	3	R	A	D	I	O		T	O	W	E	R							0.	04				0.	02			<0.	01							0.	01								
0	0	4	B	L	A	I	R		R	O	A	D								<0.	01				<0.	01			<0.	01							<0.	01								
0	0	5	C	R	E	D	I	T		U	N	I	O	N						<0.	01				<0.	01			<0.	01							<0.	01								
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N			<0.	01				<0.	01			<0.	01							<0.	01								
0	0	7	W	I	N	D		V	A	N	E		P																																		
0	0	8	W	I	N	D		V	A	N	E		B																																		
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UCN-12659
(1 7-77)

FORTRAN

10 October 1977 | Chromium | 4 07

001	K-901 PUMPHOUSE	<0.4	<0.4	<0.4	—
002	K-1206D TRAILER	<0.4	<0.4	<0.4	<0.4
003	RADIO TOWER	<0.4	<0.4	<0.4	<0.4
004	BLAIR ROAD	<0.4	<0.4	<0.4	<0.4
005	CREDIT UNION	<0.4	<0.4	<0.4	<0.4
006	WATTS BAR CABIN	<0.4	<0.4	<0.4	<0.4
007	WIND VANE P				
008	WIND VANE B				
009					
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UCN-12659
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	1	N	O	V	E	M	B	E	R		1	9	7	7				2	0	1	S	O	U	T	H		H	1	-	V	O	L							
0	0	1	A	L	U	M	I	N	U	M					1	.	5	7	7				.	4	0	3	8	1	.	1	9	0		0	.	7	3	9	9
0	0	2	C	A	L	C	I	U	M						3	.	1	6	3			1	.	2	2	8		1	.	9	8	9				.	7	3	9	9
0	0	3	C	H	R	O	M	I	U	M						.	0	1	5	4			.	0	2	0	2		.	0	3	9	5			.	0	0	7	1
0	0	4	C	O	P	P	E	R								.	3	9	5	6			.	0	4	0	4	2	.	3	9	5				.	0	2	5	4
0	0	5	I	R	O	N	.									.	0	1	5	8			.	0	7	8	3		.	1	9	5	7			.	2	9	5	2
0	0	6	L	E	A	D										.	0	3	9	2			.	0	1	1	9	0	.	0						.	0	1	8	3
0	0	7	M	A	G	N	E	S	I	U	M					.	0	7	7	3		1	.	4	1	0	0		.	0	3	7	9			.	2	9	5	2
0	0	8	M	A	N	G	A	N	E	S	E					.	0	3	1	3			.	0	2	4	3		.	0	1	5	6			.	0	0	7	1
0	0	9	M	O	L	Y	B	D	E	N	U	M				.	0	0	3	2		0						0						0	.	0			
0	1	0	N	I	C	K	E	L								.	1	9	6	6			.	0	8	0	8		.	1	5	8	1			.	0	0	6	0
0	1	1	S	I	L	I	C	O	N						3	.	1	6	9				.	6	1	1	9	2	.	7	9	4		1	.	4	9	3	
0	1	2	S	I	L	V	E	R							0							0						0						0					
0	1	3	S	O	D	I	U	M							0							0						0						0					
0	1	4	T	I	T	A	N	I	U	M						.	1	4	6	6			.	0	1	6	5		.	0	6	7	9			.	0	2	6	2
0	1	5	V	A	N	A	D	I	U	M					0								.	0	0	0	8		.	0	0	3	2			.	0	0	2	2
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(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	1	N	O	V	E	M	B	E	R									2	0	2	N	O	R	T	H		H	1	-	V	0	4							
0	0	1	A	L	U	M	I	N	U	M							.7	3	9	9		1	.	5	4	3									0	.	4	0	0	6
0	0	2	C	A	L	C	I	U	M							1	.	1	1	4		2	.	3	1	8											.	8	0	9	5
0	0	3	C	H	R	O	M	I	U	M							.	0	1	0	8			.	0	0	7	8										.	0	0	7	8
0	0	4	C	O	P	P	E	R									.	0	7	0	2			.	1	9	3	0										.	0	1	9	6
0	0	5	I	R	O	N											.	0	1	4	9			.	0	1	5	5										.	3	2	3	0
0	0	6	L	E	A	D											.	0	8	9	3			.	0	3	8	4										.	0	2	0	0
0	0	7	M	A	G	N	E	S	I	U	M						.	0	3	5	5			.	0	7	5	6										.	3	2	3	0
0	0	8	M	A	N	G	A	N	E	S	E						.	0	1	4	6			.	0	2	2	9										.	0	1	1	8
0	0	9	M	O	L	Y	B	D	E	N	U	M					.	0	0	7	5			.	0	0	3	1								0	.	0			
0	1	0	N	I	C	K	E	L									.	0	8	8	2			.	1	9	2	2										.	0	0	2	4
0	1	1	S	I	L	I	C	O	N							1	.	4	9	3		3	.	0	9	9															
0	1	2	S	I	L	V	E	R								0						0													0					
0	1	3	S	O	D	I	U	M								0						0													0					
0	1	4	T	I	T	A	N	I	U	M							.	0	4	1	1			.	1	4	3	4									.	0	2	8	6
0	1	5	V	A	N	A	D	I	U	M						0						0																0	0	3	3
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UCN-12660
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CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

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1	/	N	O	V	E	M	B	E	R		1	9	7	7				2	0	3	E	A	S	T		H	I	-	V	O	L								
0	0	1	A	L	U	M	I	N	U	M						1	.	4	0	7			1	.	7	6	0		1	.	0	6	0		0	.	3	4	6	4
0	0	2	C	A	L	C	I	U	M							1	.	4	0	7			3	.	8	8	1		2	.	1	2	8			.	6	9	9	9
0	0	3	C	H	R	O	M	I	U	M							.	0	1	7	3			.	0	3	5	0		.	0	3	5	2		.	0	0	6	7
0	0	4	C	O	P	P	E	R									.	3	5	2	8		1	.	0	6	0		1	.	0	6	9			.	1	0	5	3
0	0	5	I	R	O	N											.	0	1	7	7			.	2	0	8	6		.	2	1	0	0		.	1	7	3	2
0	0	6	L	E	A	D											.	2	1	1	7		0	.	0					.	0	3	1	7		.	0	2	7	9
0	0	7	M	A	G	N	E	S	I	U	M						.	0	6	8	9			.	2	1	0	3		.	7	1	0	0		.	1	7	5	0
0	0	8	M	A	N	G	A	N	E	S	E						.	0	2	4	4			.	0	3	5	0		.	3	5	5	5		.	0	0	6	7
0	0	9	M	O	L	Y	B	D	E	N	U	M					.	0	0	3	5		0							.	0	0	3	6	0					
0	1	0	N	I	C	K	E	L								3	.	5	3	3			9	.	8	9	6		5	.	3	3	7			.	0	0	2	1
0	1	1	S	I	L	I	C	O	N							3	.	5	3	3			1	.	0	5	9		3	.	2	0	1		1	.	0	5	9	
0	1	2	S	I	L	V	E	R								0							0						0						0					
0	1	3	S	O	D	I	U	M								0							0						0						0					
0	1	4	T	I	T	A	N	I	U	M							.	1	6	6	1			.	0	1	0	6		.	0	6	0	5		.	0	2	4	7
0	1	5	V	A	N	A	D	I	U	M						0							0							.	0	0	3	6		.	0	0	2	8
0	1	6	Z	I	N	C										0							0						0						0					
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
/	/	N	O	V	E	M	B	E	R		/	9	7	7				2	0	4	W	E	S	T		H	/	-	V	O	L								
0	0	1	A	L	U	M	I	N	U	M					/	.	4	/	6				.	7	0	4	6	2	.	9	0	0		0	.	6	9	9	9
0	0	2	C	A	L	C	I	U	M						2	.	4	8	4			/	.	4	/	6		5	.	4	4	3			.	6	9	9	9
0	0	3	C	H	R	O	M	I	U	M						.	0	/	3	9			.	0	/	7	4		.	/	0	8	6		.	0	0	6	7
0	0	4	C	O	P	P	E	R								.	3	/	9	6			.	2	/	2	8		.	3	6	2	6		.	/	0	5	3
0	0	5	I	R	O	N										.	0	2	8	5			.	/	0	3	2		.	3	5	9	7		.	2	7	9	2
0	0	6	L	E	A	D										.	0	3	5	2			.	0	0	3	2		.	0	3	6	0		.	0	/	7	3
0	0	7	M	A	G	N	E	S	I	U	M					.	0	6	9	4			.	3	5	4	/	/	.	4	5	2			.	2	8	/	0
0	0	8	M	A	N	G	A	N	E	S	E					.	0	2	4	6			.	0	2	/	0		.	0	3	6	0		.	0	/	0	2
0	0	9	M	O	L	Y	B	D	E	N	U	M				.	0	0	2	5		0						0						0					
0	/	0	N	I	C	K	E	L							/	.	4	2	2				.	0	6	9	8		.	3	6	/	9		.	0	0	2	/
0	/	/	S	I	L	I	C	O	N						2	.	4	8	9			/	.	7	7	8		5	.	4	4	9		/	.	0	5	9	
0	/	2	S	I	L	V	E	R							0							0						0						0					
0	/	3	S	O	D	I	U	M							0							0						0						0					
0	/	4	T	I	T	A	N	I	U	M						.	/	3	/	7			.	0	2	/	4		.	/	7	0	8		.	0	2	4	7
0	/	5	V	A	N	A	D	I	U	M					0								.	0	0	/	4		.	0	0	7	3		.	0	0	2	8
0	/	6	Z	I	N	C									0							0												0					
0	/	7																																					
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0	3	3																																					
0	3	4																																					
0	3	5																																					
0	3	6	T	O	T	A	L		P	A	R	T				/	4	7	.	4			6	9	.	4			/	9	8	.	6		2	9	.	9	

UCN-12660
(1 7-77)

FORTRAN ug/m3

11 November 4 1977 ~~Ammonia~~ Fluoride 04

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	20 21 22 23	26 27 28 29	32 33 34 35 36	38 39 40 41 42
0 0	1	K-901 PUMPHOUSE	0.35	0.09	<0.04	0.53
0 0	2	K-1206D TRAILER	0.15	0.15	0.41	0.20
0 0	3	RADIO TOWER	0.11	0.14	0.09	<0.02
0 0	4	BLAIR ROAD	0.07	0.15	<0.04	0.24
0 0	5	CREDIT UNION	0.04	0.06	<0.04	0.10
0 0	6	WATTS BAR CABIN	0.06	0.07	—	<0.02
0 0	7	WIND VANE P				
0 0	8	WIND VANE B				
	9					
0 1	0					
0 1	1					
0 1	2					
0 1	3					
0 1	4					
0 1	5					
0 1	6					
0 1	7					
0 1	8					
0 1	9					

UCN-12659
(1 7-77)

FORTRAN ug/m3

11 November 4 1977 — Uranium — 04

001 K-901 PUMPHOUSE	0.02	0.03	<0.01
002 K-1206D TRAILER	<0.01	<0.01	0.06
003 RADIO TOWER	<0.01	<0.01	0.02
004 BLAIR ROAD	<0.01	<0.01	0.02
005 CREDIT UNION	<0.01	<0.01	0.02
006 WATTS BAR CABIN	0.02	<0.01	—
007 WIND VANE P			
008 WIND VANE B			
9			
010			
011			
012			
013			
014			
015			
016			
017			
018			
019			

UCN-12659
(1 7-77)

FORTRAN mg/m³

1 1 November 4 1977 | Chromium | 04

Card	Station	Col. 20–23	Col. 26–29	Col. 32–35
001	K-901 PUMPHOUSE	<0.4	<0.4	<0.4
002	K-1206D TRAILER	<0.4	<0.4	<0.4
003	RADIO TOWER	<0.4	<0.4	<0.4
004	BLAIR ROAD	<0.4	<0.4	<0.4
005	CREDIT UNION	<0.4	<0.4	<0.4
006	WATTS BAR CABIN	<0.4	<0.4	<0.4
007	WIND VANE P			
008	WIND VANE B			
9				
010				
011				
012				
013				
014				
015				
016				
017				
018				
019				

UCN-12659
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	1	D	E	C	E	M	B	E	R		1	9	7	7				4	0	1	S	O	U	T	H		H	1	-	V	O	L							
0	0	1	A	L	U	M	I	N	U	M					0	.	7	1	9	5		2	.	3	0	0		1	.	5	5	4		2	.	3	0		
0	0	2	C	A	L	C	I	U	M						0	.	7	1	9	5		4	.	6	0	8		1	.	1	6	4		3	.	4	5		
0	0	3	C	H	R	O	M	I	U	M						.	0	0	6	9			.	0	1	1	2		.	0	0	7	4	0	.	0	3	4	
0	0	4	C	O	P	P	E	R								.	1	8	1	0			.	2	3	0	0		.	0	3	0	4	0	.	4	6	1	
0	0	5	I	R	O	N										.	2	8	7	1			.	7	6	5	4		.	3	8	6	6	0	.	3	4	2	
0	0	6	L	E	A	D											.	0	1	7	8		.	1	1	5	0		.	0	3	8	6	0	.	0	0	7	
0	0	7	M	A	G	N	E	S	I	U	M					.	1	4	3	5			.	0	7	6	3		.	3	8	8	5	0	.	4	6	0	
0	0	8	M	A	N	G	A	N	E	S	E					.	0	1	0	5			.	0	7	6	5		.	0	3	8	6	0	.	0	3	8	
0	0	9	M	O	L	Y	B	D	E	N	U	M			0	.	0					0	.	0				0	.	0				0	.	0	0	8	
0	1	0	N	I	C	K	E	L								.	6	0	5	8			.	3	8	3	1		.	3	1	0	8	2	.	3	1		
0	1	1	S	I	L	I	C	O	N						1	.	4	5	2			4	.	6	1	3		1	.	5	6	0		2	.	3	0		
0	1	2	S	I	L	V	E	R																															
0	1	3	S	O	D	I	U	M																															
0	1	4	T	I	T	A	N	I	U	M						.	0	2	5	4			.	1	0	3	8		.	0	6	6	4	0	.	1	0	4	
0	1	5	V	A	N	A	D	I	U	M						.	0	0	3	6			.	0	0	7	7		.	0	0	3	9	0	.	0	0	4	
0	1	6	Z	I	N	C																																	
0	1	7																																					
0	1	8																																					
0	1	9																																					
0	2	0																																					
0	2	1																																					
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0	3	0																																					
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0	3	2																																					
0	3	3																																					
0	3	4																																					
0	3	5																																					
0	3	6	T	O	T	A	L		P	A	R	T				3	9	.	2				1	2	9	.	0		1	1	.	2			9	2	.	1	

UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	2	D	E	C	E	M	B	E	R		1	9	7	7				4	0	2	N	O	R	T	H		H	1	-	V	O	L							
0	0	1	A	L	U	M	I	N	U	M					0	.	7	3	9	9		2	.	2	6	7		1	.	5	5	4		1	.	4	6		
0	0	2	C	A	L	C	I	U	M						1	.	1	1	4			3	.	0	2	5		1	.	1	6	4		1	.	4	6		
0	0	3	C	H	R	O	M	I	U	M						.	0	0	7	1			.	0	0	7	2		.	0	0	7	4	0	.	0	2	5	
0	0	4	C	O	P	P	E	R								.	1	8	6	1			.	2	2	6	7		.	0	3	0	4	1	.	0	9		
0	0	5	I	R	O	N										.	2	9	5	2			.	3	7	5	3		.	3	8	6	6	0	.	1	4	3	
0	0	6	L	E	A	D										.	0	7	4	4			.	0	3	7	5		.	0	3	8	6	0	.	0	0	2	
0	0	7	M	A	G	N	E	S	I	U	M					.	1	1	0	2			.	3	7	7	2		.	3	8	8	5	0	.	2	5	4	
0	0	8	M	A	N	G	A	N	E	S	E					.	0	0	7	1			.	0	3	7	5		.	0	3	8	6	0	.	0	2	2	
0	0	9	M	O	L	Y	B	D	E	N	U	M			0	.	0					0	.	0				0	.	0				0	.	0	0	4	
0	1	0	N	I	C	K	E	L								.	0	0	6	0		3	.	0	3	1			.	3	1	0	8	0	.	1	8	1	
0	1	1	S	I	L	I	C	O	N						1	.	1	1	9			3	.	0	3	1		1	.	5	6	0		0	.	7	3	0	
0	1	2	S	I	L	V	E	R							0	.	0					0	.	0				0	.	0				0					
0	1	3	S	O	D	I	U	M							0	.	0					0	.	0				0	.	0				0					
0	1	4	T	I	T	A	N	I	U	M						.	0	2	6	2			.	0	2	6	5		.	0	6	6	4	0	.	0	6	2	
0	1	5	V	A	N	A	D	I	U	M						.	0	0	3	0			.	0	0	0	8		.	0	0	3	9	0	.	0	0	2	
0	1	6	Z	I	N	C																6	.	0				0	.	0				0					
0	1	7																																					
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UCN-12660
(1 7-77)

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DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	2	D	E	C	E	M	B	E	R		1	9	7	7				4	0	3	E	A	S	T		H	1	-	V	O	L								
0	0	1	A	L	U	M	I	N	U	M					0	.	7	0	9	4		1	.	3	8	8		2	.	5	0	1		1	.	4	3		
0	0	2	C	A	L	C	I	U	M							.	7	0	9	4		1	.	0	3	9		3	.	5	7	6		1	.	4	3		
0	0	3	C	H	R	O	M	I	U	M						.	0	0	6	8			.	0	0	6	6		.	0	2	1	1	0	.	0	0	7	
0	0	4	C	O	P	P	E	R								.	0	7	0	9			.	3	4	8	1	3	.	5	8	2		1	.	0	7		
0	0	5	I	R	O	N										.	2	8	3	0			.	3	4	5	3		.	7	1	3	0	0	.	1	7	6	
0	0	6	L	E	A	D										.	0	7	1	3									.	1	0	7	1	0	.	0	0	3	
0	0	7	M	A	G	N	E	S	I	U	M					.	2	8	4	8			.	6	9	5	8		.	7	1	4	8	0	.	3	5	6	
0	0	8	M	A	N	G	A	N	E	S	E					.	0	1	4	0			.	3	4	8	4		.	0	7	1	3	0	.	0	2	8	
0	0	9	M	O	L	Y	B	D	E	N	U	M			0	.	0					0	.	0				0	.	0				0	.	0	0	4	
0	1	0	N	I	C	K	E	L								.	0	0	5	7		3	.	4	8	6		3	.	5	8	2		5	.	7	3		
0	1	1	S	I	L	I	C	O	N						1	.	4	3	1			3	.	4	8	6		3	.	5	8	1		0	.	7	1	5	
0	1	2	S	I	L	V	E	R							0	.	0					0	.	0				0	.	0				0					
0	1	3	S	O	D	I	U	M							0	.	0					0	.	0				0	.	0				0					
0	1	4	T	I	T	A	N	I	U	M						.	0	2	5	1			.	0	5	9	3		.	0	6	0	9	0	.	0	6	1	
0	1	5	V	A	N	A	D	I	U	M						.	0	0	2	9			.	0	0	7	0		.	0	0	1	4	0	.	0	0	3	
0	1	6	Z	I	N	C									0	.	0											0	.	0				0					
0	1	7																																					
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0	3	2																																					
0	3	3																																					
0	3	4																																					
0	3	5	Micrograms/meter^3																																				
0	3	6	T	O	T	A	L		P	A	R	T					5	2	.	2				8	4	.	4				6	5	.	5		5	6	.	9

UCN-12660
(1 7-77)

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FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	2	D	E	C	E	M	B	E	R		1	9	7	8				4	0	4	W	E	S	T		H	1	-	V	O	L								
0	0	1	A	L	U	M	I	N	U	M					0	.	6	9	9	9		0	.	7	0	9	4												
0	0	2	C	A	L	C	I	U	M						1	.	0	5	3			1	.	4	2	6													
0	0	3	C	H	R	O	M	I	U	M						.	0	0	6	7			.	0	0	3	2												
0	0	4	C	O	P	P	E	R								.	1	0	5	3			.	0	7	0	9												
0	0	5	I	R	O	N										.	2	7	9	2			.	2	8	3	0												
0	0	6	L	E	A	D										.	0	1	7	3		0	.	0															
0	0	7	M	A	G	N	E	S	I	U	M					.	1	7	5	0			.	2	8	4	8												
0	0	8	M	A	N	G	A	N	E	S	E					.	0	1	0	2			.	0	2	8	3												
0	0	9	M	O	L	Y	B	D	E	N	U	M			0	.	0					0	.	0															
0	1	0	N	I	C	K	E	L								.	0	0	5	6			.	1	7	7	7												
0	1	1	S	I	L	I	C	O	N						1	.	4	1	2			1	.	4	3	1													
0	1	2	S	I	L	V	E	R							0	.	0					0	.	0															
0	1	3	S	O	D	I	U	M							0	.	0					0	.	0															
0	1	4	T	I	T	A	N	I	U	M						.	0	2	4	7			.	0	2	5	1												
0	1	5	V	A	N	A	D	I	U	M						.	0	0	3	5			.	0	0	2	9												
0	1	6	Z	I	N	C									0	.	0																						
0	1	7																																					
0	1	8																																					
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0	3	0																																					
0	3	1																																					
0	3	2																																					
0	3	3																																					
0	3	4																																					
0	3	5																																					
0	3	6	T	O	T	A	L		P	A	R	T				4	0	.	2				6	7	.	5													

No Sample

No Sample

UCN-12660
(1 7-77)

ug/m3

FORTRAN ug/m3

12 December 2 1977 Fluoride

001	K-901 PUMPHOUSE	0.09	0.08	<0.04	<0.04	
002	K-1206D TRAILER	0.08	0.04	<0.04	0.04	
003	RADIO TOWER	0.06	0.12	<0.04	0.06	
004	BLAIR ROAD	0.16	0.15	0.30	0.11	
005	CREDIT UNION	<0.04	0.14	<0.04	0.04	
006	WATTS BAR CABIN	0.04	—	0.06	0.07	
007	WIND VANE P					
008	WIND VANE B					
009						
010						
011						
012						
013						
014						
015						
016						
017						
018						
019						

UCN-12659
(1 7-77)

FORTRAN µg/m³

1 2 December 2 1977 — Uranium

001	K-901 PUMPHOUSE	<0.01	<0.01	<0.01	<0.01	<0.01
002	K-1206D TRAILER	<0.01	0.01	0.01	<0.01	<0.01
003	RADIO TOWER	<0.01	<0.01	<0.01	<0.01	<0.01
004	BLAIR ROAD	<0.01	<0.01	0.01	<0.01	<0.01
005	CREDIT UNION	<0.01	<0.01	<0.01	<0.01	<0.01
006	WATTS BAR CABIN	<0.01	<0.01	—	<0.01	<0.01
007	WIND VANE P					
008	WIND VANE B					
9						
010						
011						
012						
013						
014						
015						
016						
017						
018						
019						

UCN-12659
(1 7-77)

FORTRAN µg/m³

1 2 December 2 1977 — Chromium

001	K-901 PUMPHOUSE	<0.4	<0.4	<0.4	<0.4	<0.4
002	K-1206D TRAILER	<0.4	<0.4	<0.4	<0.4	<0.4
003	RADIO TOWER	<0.4	<0.4	<0.4	<0.4	<0.4
004	BLAIR ROAD	<0.4	<0.4	<0.4	<0.4	<0.4
005	CREDIT UNION	<0.4	<0.4	<0.4	<0.4	<0.4
006	WATTS BAR CABIN	<0.4	<0.4	<0.4	<0.4	<0.4
007	WIND VANE P					
008	WIND VANE B					
9						
010						
011						
012						
013						
014						
015						
016						
017						
018						
019						

UCN-12659
(1 7-77)

From BB-05-22

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

JK Lamb / K-25 FORC 1023

Requestor / Document Center (is requested to provide the following document)

Date of request 10/24/96 Expected receipt of document 11/24/96

Document number none Date of document ~~[illegible]~~ 1978-1983

Title and author (if document is unnumbered)

Air Data Forms

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Date request received 10/28/96

Date submitted to ADC 10/30/96

Date submitted to HSA Coordinator 10/28/96

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Date submitted to CICO 10/30/96

Date received from CICO 10-31-96

Date submitted to ChemRisk/Shonka and DOE 10-31-96

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received

Signature

#3291

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	1	J	A	N	U	A	R	Y		1	9	7	8					5	0	1	S	O	U	T	H		H	I	V	O	L								
0	0	1	A	L	U	M	I	N	U	M					1	.	5	2				0	.	2	3	3													
0	0	2	C	A	L	C	I	U	M						1	.	5	2					.	1	6	8													
0	0	3	C	H	R	O	M	I	U	M					0	.	0	0	7				.	0	0	2													
0	0	4	C	O	P	P	E	R							0	.	1	5	2				.	5	4	2													
0	0	5	I	R	O	N									0	.	1	8	7				.	0	8	4													
0	0	6	L	E	A	D									0	.	0	3	8				.	0	4	6													
0	0	7	M	A	G	N	E	S	I	U	M				0	.	2	2	7				.	1	2	5													
0	0	8	M	A	N	G	A	N	E	S	E				0	.	0	3					.	0	0	7													
0	0	9	M	O	L	Y	B	D	E	N	U	M			0	.	0	0	4				.	0	0	0	4												
0	1	0	N	I	C	K	E	L							0	.	2	2	8				.	0	7	1													
0	1	1	S	I	L	I	C	O	N						1	.	5	2					.	7	0	6													
0	1	2	S	I	L	V	E	R							0							0																	
0	1	3	S	O	D	I	U	M							0							0																	
0	1	4	T	I	T	A	N	I	U	M					0	.	0	0	8				.	0	0	7													
0	1	5	V	A	N	A	D	I	U	M					0	.	0	0	3				.	0	0	2													
0	1	6	Z	I	N	C									0							0																	
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0	3	4																																					
0	3	5																																					
0	3	6	T	O	T	A	L		P	A	R	T					48.6 ~~127.3~~							45.8															

This document has been approved for release to the public by: [signature] Technical Information Officer Oak Ridge K-25 Site Date 10/21/96

Prepared by Union Carbide Corporation-Nuclear Division, operating contractor for the U.S. Department of Energy under U.S. Government Contract No. W-7405-eng-26.

UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	1	J	A	N	U	A	R	Y		1	9	7	8					5	0	2	N	O	R	T	H		H	1	V	O	L								
0	0	1	A	L	U	M	I	N	U	M					1	.	5	1					.	1	3	8			.	1	1	8			.	5	3	9	
0	0	2	C	A	L	C	I	U	M						1	.	5	1					.	2	0	2			.	1	4	8			.	4	5	1	
0	0	3	C	H	R	O	M	I	U	M					0	.	0	3	8				.	0	0	1			.	0	0	0			.	0	0	3	
0	0	4	C	O	P	P	E	R							0	.	1	5	1				.	0	5	2			.	0	0	7			.	0	2	1	
0	0	5	I	R	O	N									0	.	2	2	4				.	0	4	5			.	0	4	9			.	2	8	7	
0	0	6	L	E	A	D									0	.	0	3	8				.	0	2	6			.	0	0	1			.	0	8	3	
0	0	7	M	A	G	N	E	S	I	U	M				0	.	2	2	6				.	0	5	2			.	0	6	4			.	2	0	7	
0	0	8	M	A	N	G	A	N	E	S	E				0	.	0	3	8				.	0	0	3			.	0	0	3			.	0	1	4	
0	0	9	M	O	L	Y	B	D	E	N	U	M			0	.	0	0	4				.	0	0	0	3		.	0	0	0	2		.	0	0	1	
0	1	0	N	I	C	K	E	L							1	.	5	1					.	0	1	3			.	0	0	6			.	0	2	4	
0	1	1	S	I	L	I	C	O	N						1	.	5	1					.	4	1	5			.	3	0	7		1	.	6	5	4	
0	1	2	S	I	L	V	E	R							0									0				0						0					
0	1	3	S	O	D	I	U	M							0									0				0						0					
0	1	4	T	I	T	A	N	I	U	M					0	.	0	6	4				.	0	0	3			.	0	0	2			.	0	2	1	
0	1	5	V	A	N	A	D	I	U	M					0	.	0	0	3				.	0	0	1			.	0	0	1			.	0	0	4	
0	1	6	Z	I	N	C									0									0				0						0					
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0	3	6	T	O	T	A	L		P	A	R	T						44.3 ~~116.9~~						33.7						20.0						24.8			

UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	1	J	A	N	U	A	R	Y			1	9	7	8				5	0	3	E	A	S	T		H	1		V	O	L								
0	0	1	A	L	U	M	I	N	U	M					1	.	4	2					.	2	0	5			.	4	5	8			.	9	7	3	
0	0	2	C	A	L	C	I	U	M						2	.	1	3					.	3	3	4			.	8	2	6		1	.	2	9	2	
0	0	3	C	H	R	O	M	I	U	M					0	.	0	2	8				.	0	0	3			.	0	0	3			.	0	0	7	
0	0	4	C	O	P	P	E	R							0	.	2	8	4				.	1	7	6			.	2	9	5		1	.	1	6	8	
0	0	5	I	R	O	N									0	.	1	7	3				.	1	7	0			.	2	0	2			.	4	5	2	
0	0	6	L	E	A	D									0	.	0	3	5				.	0	6	0			.	0	2	2			.	0	1	6	
0	0	7	M	A	G	N	E	S	I	U	M				0	.	2	1	2				.	0	8	8			.	3	3	5			.	5	1	9	
0	0	8	M	A	N	G	A	N	E	S	E				0	.	0	2	8				.	0	0	7			.	0	1	0			.	0	2	0	
0	0	9	M	O	L	Y	B	D	E	N	U	M			0	.	0	0	4				.	0	0	0	4		.	0	0	1			.	0	0	1	
0	1	0	N	I	C	K	E	L							3	.	5	6					.	0	6	9			1	.	6	7	9		1	.	2	9	8	
0	1	1	S	I	L	I	C	O	N						1	.	4	2				0	.	6	8	2			1	.	6	6	3		2	.	5	8	9	
0	1	2	S	I	L	V	E	R							0							0							0						0					
0	1	3	S	O	D	I	U	M							0							0							0						0					
0	1	4	T	I	T	A	N	I	U	M					0	.	0	3	5				.	0	0	6			.	0	1	4			.	0	2	5	
0	1	5	V	A	N	A	D	I	U	M					0	.	0	6	0				.	0	0	1			.	0	0	2			.	0	0	4	
0	1	6	Z	I	N	C									0							0							0						0					
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0	3	6	T	O	T	A	L		P	A	R	T					~~1~~	~~3~~	~~1~~	~~.~~	~~9~~			4	5	.	1			3	9	.	9			3	0	.	4	

UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	1	J	A	N	U	A	R	Y		1	9	7	8					5	0	4	W	E	S	T		H	I	V	O	L									
0	0	1	A	L	U	M	I	N	U	M														.269					.339						.494			
0	0	2	C	A	L	C	I	U	M															.346					.486						.613			
0	0	3	C	H	R	O	M	I	U	M														.002					.002						.003			
0	0	4	C	O	P	P	E	R																.062					.014						.021			
0	0	5	I	R	O	N																		.081					.177						.287			
0	0	6	L	E	A	D																		.037					.003						.041			
0	0	7	M	A	G	N	E	S	I	U	M													.106					.209						.207			
0	0	8	M	A	N	G	A	N	E	S	E													.003					.007						.014			
0	0	9	M	O	L	Y	B	D	E	N	U	M												.0003					.001						.001			
0	1	0	N	I	C	K	E	L																.053					.028						.021			
0	1	1	S	I	L	I	C	O	N															.704				1	.035					1	.647			
0	1	2	S	I	L	V	E	R															0					0						0					
0	1	3	S	O	D	I	U	M															0	.00				0						0					
0	1	4	T	I	T	A	N	I	U	M														.007					.010						.021			
0	1	5	V	A	N	A	D	I	U	M														.002					.002						.004			
0	1	6	Z	I	N	C																		0					0						0					
0	1	7																																					
0	1	8																																					
0	1	9																																					
0	2	0																																					
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0	3	4																																					
0	3	5																																					
0	3	6	T	O	T	A	L		P	A	R	T												47.4					22.1						247			

UCN-12660
(1 7-77)

FORTRAN

01 January 1978 | Fluorine | 7 | 06

1	2	3	4–18	20–25	26–34	35
0	0	1	K-901 PUMPHOUSE	.06	.6	.12
0	0	2	K-1206D TRAILER	.04	.07	.19
0	0	3	RADIO TOWER	.07	.11	.15
0	0	4	BLAIR ROAD	.05	.04	.04
0	0	5	CREDIT UNION	<.04	<.02	.03
0	0	6	WATTS BAR CABIN	<.04	.03	.03
0	0	7	WIND VANE P			
0	0	8	WIND VANE B			
0	1	0				
0	1	1				
0	1	2				
0	1	3				
0	1	4				
0	1	5				
0	1	6				
0	1	7				
0	1	8				
0	1	9				

UCN-12659
(1 7-77)

FORTRAN

01 January 1978 | Uranium | 306

1–3	4–18	20–	26–	32–
001	K-901 PUMPHOUSE	<.01	<.01	<.01
002	K-1206D TRAILER	<.01	<.01	<.01
003	RADIO TOWER	<.01	<.01	<.01
004	BLAIR ROAD	<.01	<.01	<.01
005	CREDIT UNION	<.01	<.01	<.01
006	WATTS BAR CABIN	<.01	<.01	<.01
007	WIND VANE P			
008	WIND VANE B			
[illegible]9				
010				
011				
012				
013				
014				
015				
016				
017				
018				
019				

UCN-12659
(1 7-77)

FORTRAN

01	January 1978	Chromium	306

1–3	4–18	20–23	26–29	32–34
001	K-901 PUMPHOUSE	<.04	<.04	<.04
002	K-1206D TRAILER	<.04	<.04	<.04
003	RADIO TOWER	<.04	<.04	<.04
004	BLAIR ROAD	<.04	<.04	<.04
005	CREDIT UNION	<.04	<.04	<.04
006	WATTS BAR CABIN	<.04	<.04	<.04
007	WIND VANE P			
008	WIND VANE B			
009				
010				
011				
012				
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015				
016				
017				
018				
019				

UCN-12659
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	2	F	E	B	R	U	A	R	Y		1	9	7	8				5	0	1	S	O	U	T	H		H	I	V	O	L								
0	0	1	A	L	U	M	I	N	U	M															.8	5	6		1	.	2	5					~~.4~~	~~0~~	~~5~~
0	0	2	C	A	L	C	I	U	M																.0	8	4		1	.	1	6			1	~~.9~~	~~0~~	~~5~~
0	0	3	C	H	R	O	M	I	U	M															.0	0	8			.	0	1	6				~~.0~~	~~0~~	~~7~~
0	0	4	C	O	P	P	E	R																	.0	2	5			.	4	7	0				~~.0~~	~~3~~	~~6~~
0	0	5	I	R	O	N																			.1	9	4			.	2	6	6				~~.2~~	~~3~~	~~7~~
0	0	6	L	E	A	D																			.4	0	5			.	1	5	5				~~.0~~	~~9~~	~~4~~
0	0	7	M	A	G	N	E	S	I	U	M														.4	0	4			.	7	8	4				~~.3~~	~~2~~	~~8~~
0	0	8	M	A	N	G	A	N	E	S	E														.0	2	1			.	0	3	6				~~.0~~	~~1~~	~~2~~
0	0	9	M	O	L	Y	B	D	E	N	U	M													.0	0	2			.	0	0	2				~~.0~~	~~0~~	~~1~~
0	1	0	N	I	C	K	E	L																	.0	9	9			.	4	6	8				~~.0~~	~~4~~	~~7~~
0	1	1	S	I	L	I	C	O	N															2	.0	0			3	.	1	2			2	~~.8~~	~~4~~	~~1~~
0	1	2	S	I	L	V	E	R																0					0						0				
0	1	3	S	O	D	I	U	M																0					0						0				
0	1	4	T	I	T	A	N	I	U	M															.0	5				.	0	3	6				~~.0~~	~~4~~	~~0~~
0	1	5	V	A	N	A	D	I	U	M															.0	0	8			.	0	0	4				~~.0~~	~~0~~	~~4~~
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	2	F	E	B	R	U	A	R	Y		1	9	7	8				5	0	2	N	O	R	T	H		H	I	V	O	L								
0	0	1	A	L	U	M	I	N	U	M								.	5	3	9				.	3	6	2			.	6	6	6						
0	0	2	C	A	L	C	I	U	M									.	4	5	1				.	4	7	3			.	8	1	8						
0	0	3	C	H	R	O	M	I	U	M								.	0	0	3				.	0	0	7			.	0	1	4						
0	0	4	C	O	P	P	E	R										.	0	2	1				.	0	9	6			.	1	7	9						
0	0	5	I	R	O	N												.	2	8	7				.	0	8	8			.	1	5	0						
0	0	6	L	E	A	D												.	0	8	3				.	2	9	2			.	3	5	8						
0	0	7	M	A	G	N	E	S	I	U	M							.	2	0	7				.	4	8	8			.	3	8	0						
0	0	8	M	A	N	G	A	N	E	S	E							.	0	1	4				.	0	0	8			.	0	1	8						
0	0	9	M	O	L	Y	B	D	E	N	U	M						.	0	0	1				.	0	0	1			.	0	0	2						
0	1	0	N	I	C	K	E	L										.	0	2	4				.	0	2	1			.	0	5	3						
0	1	1	S	I	L	I	C	O	N								1	.	6	5	4				.	5	4	2		1	.	6	8							
0	1	2	S	I	L	V	E	R									0							0						0										
0	1	3	S	O	D	I	U	M									0							0						0										
0	1	4	T	I	T	A	N	I	U	M								.	0	2	1				.	0	2	2			.	0	2	8						
0	1	5	V	A	N	A	D	I	U	M								.	0	0	4				.	0	1	0			.	0	0	4						
0	1	6	Z	I	N	C											0							0						0										
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	2	F	E	B	R	U	A	R	Y		1	9	7	8				5	0	3	E	A	S	T		H	I	V	O	L									
0	0	1	A	L	U	M	I	N	U	M							.	9	7	3			1	.	4	2			1	.	0	6							
0	0	2	C	A	L	C	I	U	M							1	.	2	9	2				.	7				1	.	2	2							
0	0	3	C	H	R	O	M	I	U	M							.	0	0	7				.	0	1	3			.	0	0	6						
0	0	4	C	O	P	P	E	R								1	.	1	6	8				.	3	5	7			.	3	2	9						
0	0	5	I	R	O	N											.	4	5	2				.	2	4	4			.	5	6	6						
0	0	6	L	E	A	D											.	0	1	6				.	3	5	7			.	4	0	8						
0	0	7	M	A	G	N	E	S	I	U	M						.	5	1	9				.	4	9	8			.	4	5	1						
0	0	8	M	A	N	G	A	N	E	S	E						.	0	2	0				.	0	2	8			.	0	6	4						
0	0	9	M	O	L	Y	B	D	E	N	U	M					.	0	0	1				.	0	0	3			.	0	0	2						
0	1	0	N	I	C	K	E	L								1	.	2	9	8				.	5					.	4	0	7						
0	1	1	S	I	L	I	C	O	N							2	.	5	8	9			2	.	8	4			3	.	2	6							
0	1	2	S	I	L	V	E	R								0							0						0										
0	1	3	S	O	D	I	U	M								0							0						0										
0	1	4	T	I	T	A	N	I	U	M							.	0	2	5				.	1	0	5			.	0	3	2						
0	1	5	V	A	N	A	D	I	U	M							.	0	0	4				.	0	0	7			.	0	0	6						
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UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	2	F	E	B	R	U	A	R	Y		1	9	7	8				5	0	4	W	E	S	T		H	I	V	O	L									
0	0	1	A	L	U	M	I	N	U	M							.	4	9	4				.	6	8	8			1	.	1	3						
0	0	2	C	A	L	C	I	U	M								.	6	1	3				.	5	0	5				.	9	7	3					
0	0	3	C	H	R	O	M	I	U	M							.	0	0	3				.	0	1					.	0	1	4					
0	0	4	C	O	P	P	E	R									.	0	2	1				.	1	7	2				.	0	9	8					
0	0	5	I	R	O	N											.	2	8	7				.	1	6	5				.	1	6	7					
0	0	6	L	E	A	D											.	0	4	1				.	1	7	2				.	2	4	7					
0	0	7	M	A	G	N	E	S	I	U	M						.	2	0	7				.	5	1	9				.	7	4	1					
0	0	8	M	A	N	G	A	N	E	S	E						.	0	1	4				.	0	1	4				.	0	1	8					
0	0	9	M	O	L	Y	B	D	E	N	U	M					.	0	0	1				.	0	0	1				.	0	0	2					
0	1	0	N	I	C	K	E	L									.	0	2	1				.	0	7	3				.	1	0						
0	1	1	S	I	L	I	C	O	N							1	.	6	4	7			1	.	3	6				1	.	7	1						
0	1	2	S	I	L	V	E	R								0							0							0									
0	1	3	S	O	D	I	U	M								0							0							0									
0	1	4	T	I	T	A	N	I	U	M							.	0	2	1				.	0	3	5				.	0	1	7					
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UCN-12660
(1 7-77)

FORTRAN

02	February 1978	Fluoride	307

001	K-901 PUMPHOUSE	<.02	.2	.15
002	K-1206D TRAILER	.19	.3	.53
003	RADIO TOWER	—		
004	BLAIR ROAD	—	.05	
005	CREDIT UNION	.02	.03	.05
006	WATTS BAR CABIN	.09	.01	.06
007	WIND VANE P			
008	WIND VANE B			
[illegible]				
010				
011				
012				
013				
014				
015				
016				
017				
018				
019				

UCN-12659
(1 7-77)

FORTRAN

02	February 1978	Uranium	3	07

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43 44 45 46 47 48 49
00	1	K-901 PUMPHOUSE	<.01	<.01	<.01		
00	2	K-1206D TRAILER	.01	<.01	<.01		
00	3	RADIO TOWER					
00	4	BLAIR ROAD		<.01			
00	5	CREDIT UNION	<.01	<.01	<.01		
00	6	WATTS BAR CABIN	<.01	<.01	<.01		
00	7	WIND VANE P					
00	8	WIND VANE B					
00	9						
01	0						
01	1						
01	2						
01	3						
01	4						
01	5						
01	6						
01	7						
01	8						
01	9						

UCN-12659
(1 7-77)

FORTRAN

02 *February 1978* | *Chromium* | 3 07

Cols 1–3	Cols 4–19	Cols 20–25	Cols 26–31	Cols 32–37
001	K-901 PUMPHOUSE	<.04	<.04	<.04
002	K-1206D TRAILER	<.04	<.04	<.04
003	RADIO TOWER			
004	BLAIR ROAD		<.04	
005	CREDIT UNION	<.04	<.04	<.04
006	WATTS BAR CABIN	<.04	<.04	<.04
007	WIND VANE P			
008	WIND VANE B			
(9				
010				
011				
012				
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015				
016				
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UCN-12659
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
0	3	M	A	R	C	H		1	9	7	8							1	0	1	S	O	U	T	H		H	I	V	O	L								
0	0	1	A	L	U	M	I	N	U	M									.4	0	5				.9	1	7		1	.3	2	5		4	.6	6	1		
0	0	2	C	A	L	C	I	U	M								1	.9	0	5					.5	2	7		1	.5	2	0		3	.2	4	6		
0	0	3	C	H	R	O	M	I	U	M									.0	0	7				.0	0	8				.0	0	3		0	.0	0	8		
0	0	4	C	O	P	P	E	R											.0	3	6				.1	6	7				.2	0	7		0	.2	0	8		
0	0	5	I	R	O	N													.2	3	7				.2	8	5				.3	6	5		0	.2	9	1		
0	0	6	L	E	A	D													.0	9	4				.2	0	9				.0	4	2		0	.2	0	8		
0	0	7	M	A	G	N	E	S	I	U	M								.3	2	6				.5	0	1				.3	7	3		0	.8	3	0		
0	0	8	M	A	N	G	A	N	E	S	E								.0	1	2				.0	1	6				.0	2	9		0	.0	1	7		
0	0	9	M	O	L	Y	B	D	E	N	U	M							.0	0	1			0							.0	0	1							
0	1	0	N	I	C	K	E	L											.0	4	7				.1	6	5				.0	1	4		0	.0	3	3		
0	1	1	S	I	L	I	C	O	N								2	.8	4	1			2	.7	4	2		4	.0	4	9		2	.0	7	6		
0	1	2	S	I	L	V	E	R									0						0					0												
0	1	3	S	O	D	I	U	M									0						0					0												
0	1	4	T	I	T	A	N	I	U	M									.0	4					.0	4	1				.0	4	1		0	.0	4	2		
0	1	5	V	A	N	A	D	I	U	M									.0	0	4				.0	1	2				.0	0	4		0	.0	0	4		
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0	3	6	T	O	T	A	L		P	A	R	T						4	3	.4				3	6	.7			2	2	.1			5	7	.0			

UCN-12660
(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1–3	4–8	9–17	18–24	25–30	31–34	35–40
03	MARCH	1978	102	NORTH	HIVOL	
001	ALUMINUM	.428	.348	.523	1.495	
002	CALCIUM	2.177	.414	.795	0.748	
003	CHROMIUM	.007	.003	.003	0.007	
004	COPPER	.076	.117	.121	0.187	
005	IRON	.008	.226	.235	0.262	
006	LEAD	.077	.086	.04	0.187	
007	MAGNESIUM	.730	.234	.121	0.373	
008	MANGANESE	.038	.007	.162	0.011	
009	MOLYBDENUM	0	.001	.001		
010	NICKEL	.075	.037	.026	0.037	
011	SILICON	3.442	1.933	2.007	1.869	
012	SILVER	0	0	0		
013	SODIUM	0	0	0		
014	TITANIUM	.038	.026	.04	0.037	
015	VANADIUM	.004	.012	0	0.007	
016	ZINC	0	0	0		
017						
018						
019						
020						
021						
022						
023						
024						
025						
026						
027						
028						
029						
030						
031						
032						
033						
034						
035						
036	TOTAL PART	35.7	21.0	11.0	47.6	

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CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
03			MARCH					1978										1	03	EAST						HIVOL													
0	0	1	ALUMINUM															.345							.3501					.071					2.907				
0	0	2	CALCIUM														1	.73							.1981					.06					0.545				
0	0	3	CHROMIUM															.003							.003					.006					0.011				
0	0	4	COPPER															.348							.212					.358					1.090				
0	0	5	IRON															.237							.170					.279					0.363				
0	0	6	LEAD															.105							.106					.072					0.291				
0	0	7	MAGNESIUM															.173							.211					.178					0.545				
0	0	8	MANGANESE															.017							.01					.014					0.011				
0	0	9	MOLYBDENUM															.001							.001					0					0.002				
0	1	0	NICKEL															.173							.140					.213					0.182				
0	1	1	SILICON															.680					1		.8912					.49					2.543				
0	1	2	SILVER														0						0						0										
0	1	3	SODIUM														0						0						0										
0	1	4	TITANIUM															.017							.035					.035					0.036				
0	1	5	VANADIUM															.003							.011					0					0.011				
0	1	6	ZINC														0						0						0										
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0	3	6	TOTAL PART														33.6						21.0						19.1						50.9				

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(1 7-77)

CODED BY _____

DATE _____

CHARGE NO. _____

FORTRAN

MATERIALS INVENTORY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
03	MARCH						1978											1	04	WEST																			
0	0	1	A	L	U	M	I	N	U	M								.291					1	.081					1	.079					1.495				
0	0	2	C	A	L	C	I	U	M								2	.012						.643					1	.068					1.121				
0	0	3	C	H	R	O	M	I	U	M								.007						.003						.006					0.007				
0	0	4	C	O	P	P	E	R										.036						.077						.007					0.112				
0	0	5	I	R	O	N												.214						.380						.714					0.362				
0	0	6	L	E	A	D												.074						.155						.072					0.187				
0	0	7	M	A	G	N	E	S	I	U	M							.294						.581						.36					0.748				
0	0	8	M	A	N	G	A	N	E	S	E							.036						.023						.018					0.015				
0	0	9	M	O	L	Y	B	D	E	N	U	M						.001						.001						.001									
0	1	0	N	I	C	K	E	L										.035						.076						.016					0.019				
0	1	1	S	I	L	I	C	O	N																				4	.888					1.869				
0	1	2	S	I	L	V	E	R									0						0						0										
0	1	3	S	O	D	I	U	M									0						0						0										
0	1	4	T	I	T	A	N	I	U	M								.036						.038						.071					0.037				
0	1	5	V	A	N	A	D	I	U	M								.004						.016						.001					0.007				
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UCN-12660
(1 7-77)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
03 MARCH	1978	01	004	SOUTH HIVOL

Code	Item	Value
001	VOLUME – FT³	85050
002	TOTAL PART – MG	137.2
003	RESIDUE – MG	29.5
04	ALUMINUM – MG	4.
005	CALCIUM	3.
006	CHROMIUM	0.02
007	COPPER	0.5
0'08	IRON	0.7
009	MAGNESIUM	2.
010	MANGANESE	0.04
011	MOLYBDENIUM	.
012	NICKEL	0.08
013	LEAD	0.5
014	TITANIUM	0.1
015	VANADIUM	0.01
016	SILICON	5.
˥17	OTHERS FOUND	.
018		
019		
020		
21		
022		
023		
024		
998	(PUNCH)	
999	(PUNCH)	

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TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/5/78

PARTICULATE AIR DATA

MONTH: 03 MARCH
YEAR: 1978
FIRST DAY: 01
STAT. NO.: 002
LOCATION: NORTH HIVOL

Code (cols 1–3)	Item (cols 4–16)	Value (cols 38–44)
001	VOLUME – FT³	94500
002	TOTAL PART – MG	127.3
003	RESIDUE – MG	20.5
04	ALUMINUM – MG	4.
005	CALCIUM ↓	2.
006	CHROMIUM	0.02
007	COPPER	0.5
008	IRON	0.7
009	MAGNESIUM	1.
010	MANGANESE	0.03
011	MOLYBDENIUM	.
012	NICKEL	0.1
013	LEAD	0.5
014	TITANIUM	0.1
015	VANADIUM	0.02
016	SILICON	5.
17	OTHERS FOUND	.
018		.
019		.
020		.
21		.
022		.
023		.
024		.
998	(PUNCH)	
999	(PUNCH)	

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/5/78

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
03 MARCH	1978	01	003	EAST HIVOL

Code	Item	Value
001	VOLUME – FT^3	97200
002	TOTAL PART – MG	140.1
003	RESIDUE – MG	31.0
04	ALUMINUM – MG	8.
005	CALCIUM ↓	1.5
006	CHROMIUM	0.03
007	COPPER	3.
008	IRON	1.
009	MAGNESIUM	1.5
010	MANGANESE	0.03
011	MOLYBDENIUM	0.005
012	NICKEL	0.5
013	LEAD	0.8
014	TITANIUM	0.1
015	VANADIUM	0.03
016	SILICON	7.
017	OTHERS FOUND	.
018		.
019		.
020		.
21		.
022		.
023		.
024		.
998	(PUNCH)	
999	(PUNCH)	

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/5/78

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1978 | FIRST DAY: 01 | STAT. NO.: 001 | LOCATION: WEST HIVOL

Col. 2–3	Col. 4–11	Col. 40–44
01	VOLUME-FT3	94500
02	TOTAL PART-MG	132.7
03	RESIDUE-MG	23.4
04	ALUMINUM-MG	4.
05	CALCIUM	3.
06	CHROMIUM	0.02
07	COPPER	0.3
08	IRON	0.7
09	MAGNESIUM	2.
10	MANGANESE	0.04
11	MOLYBDENIUM	.
12	NICKEL	0.05
13	LEAD	0.5
14	TITANIUM	0.1
15	VANADIUM	0.02
16	SILICON	5.
17	OTHERS FOUND	.
18		.
19		.
20		.
21		.
22		.
23		.
24		.
25		.
98	(PUNCH)	
99	(PUNCH)	

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 6/5/78

UCN-12660
(1 5-78)

FORTRAN

03 March 1978 Fluorine 03

1	2	3	4–18	19	20–21	22–23	24–25	26	27–28	29–30	31	32–33	34–35	36–37	38–39	40–41	42–43	44–45	46–47	48–49
0	0	1	K-901 PUMPHOUSE			.14			.21			<.04							.17	
0	0	2	K-1206D TRAILER			.53			.85			.09			.20				.50	
0	0	3	RADIO TOWER						.07			.39			.11				.44	
0	0	4	BLAIR ROAD			.14			.29			.18			.05				.06	
0	0	5	CREDIT UNION			.04			.12			.08			.04				.07	
0	0	6	WATTS BAR CABIN			.08			.04			.05			.11				.08	
0	0	7	WIND VANE P																	
0	0	8	WIND VANE B																	
		)																		
0	1	0																		
0	1	1																		
0	1	2																		
0	1	3																		
0	1	4																		
0	1	5																		
0	1	6																		
0	1	7																		
0	1	8																		
0	1	9																		

UCN-12659
(1 7-77)

FORTRAN

03 March 1978 Uranium 03

1 2	3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35	36 37	38 39 40 41 42 43	44 45 46 47 48 49
00	1	K-9011 PUMPHOUSE	.05	<.01	<.01			<.01
00	2	K-1206D TRAILER	.11	<.01	<.01		<.01	<.01
00	3	RADIO TOWER		<.01	<.01		<.01	<.01
00	4	BLAIR ROAD	.02	<.01	<.01		.02	<.01
00	5	CREDIT UNION	.02	<.01	<.01		<.01	<.01
00	6	WATTS BAR CABIN	<.01	<.01	<.01		<.01	<.01
00	7	WIND VANE P						
00	8	WIND VANE B						
01	0							
01	1							
01	2							
01	3							
01	4							
01	5							
01	6							
01	7							
01	8							
01	9							

UCN-12659
(1 7-77)

FORTRAN

03 March | Chromium | 03

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35	36 37	38 39 40 41 42 43 44 45 46 47 48 49
001	K-901 PUMPHOUSE	<.4	<.4			<.4
002	K-1206D TRAILER	<.4	<.4	<.4		<.4
003	RADIO TOWER	<.4	<.4	<.4		<.4
004	BLAIR ROAD	<.4	<.4	<.4		<.4
005	CREDIT UNION	<.4	<.4	<.4		<.4
006	WATTS BAR CABIN	<.4	<.4	<.4		<.4
007	WIND VANE P	~~<.4~~				
008	WIND VANE B					
009						
010						
011						
012						
013						
014						
015						
016						
017						
018						
019						

UCN-12659
(1 7-77)

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1978 | FIRST DAY: 02 | STAT. NO.: 001 | LOCATION: WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
J	0	1	V	O	L	U	M	E	-	F	T	3						9	2	4	7	5			9	5	8	5	0		1	6	5	8	8	8			9	7	2	0	0								
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	5	6	•	4			1	2	9	•	5			1	2	7	•	0			1	0	9	•	4							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					4	8	•	5				7	0	•	8				5	3	•	8					7	•	8							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			8	•						3	•							4	•						0	•	7							•		
0	0	5	C	A	L	C	I	U	M					↓				7	•					1	0	•					1	0	•						1	•	5							•		
0	0	6	C	H	R	O	M	I	U	M								0	•	0	7				0	•	0	3				0	•	0	2				0	•	0	1						•		
0	0	7	C	O	P	P	E	R										0	•	7					1	•						1	•						0	•	0	3						•		
0	0	8	I	R	O	N												1	•						1	•	5					1	•						0	•	7							•		
0	0	9	M	A	G	N	E	S	I	U	M							2	•						1	•	5					1	•						0	•	2							•		
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	8				0	•	0	6				0	•	0	5				0	•	0	1						•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•						0	•	0	0	5				•								•		
0	1	2	N	I	C	K	E	L										0	•	2					0	•	2					0	•	2					0	•	1							•		
0	1	3	L	E	A	D												1	•						0	•	3					0	•	2					0	•	0	7						•		
0	1	4	T	I	T	A	N	I	U	M								0	•	3					0	•	2					0	•	2					0	•	0	3						•		
0	1	5	V	A	N	A	D	I	U	M								0	•	0	1				0	•	0	2				0	•	0	2				0	•	0	0	3					•		
0	1	6	S	I	L	I	C	O	N								1	2	•					1	5	•					1	3	•						1	•	1							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•		
0	1	8																	•							•							•							•								•		
0	1	9																	•							•							•							•								•		
0	2	0																	•							•							•							•								•		
	2	1																	•							•							•							•								•		
0	2	2																	•							•							•							•								•		
0	2	3																	•							•							•							•								•		
0	2	4																	•							•							•							•								•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/5/78

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1978 | FIRST DAY: 02 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
J01	VOLUME – FT³	91800	91800	151602	87750	
002	TOTAL PART – MG	162.2	130.3	111.2	90.1	.
003	RESIDUE – MG	54.0	66.5	42.1	3.	.
04	ALUMINUM – MG	10.	5.	3.	0.5	.
005	CALCIUM	6.	15.	4.	1.0	.
006	CHROMIUM	0.05	0.03	0.02	0.006	.
007	COPPER	0.8	1.	1.	0.1	.
008	IRON	1.8	1.5	1.	0.5	.
009	MAGNESIUM	2.	1.5	1.	0.1	.
010	MANGANESE	0.1	0.06	0.04	0.008	.
011	MOLYBDENIUM	.	.	0.004	.	.
012	NICKEL	0.2	0.02	0.1	0.1	.
013	LEAD	1.	0.3	0.4	0.002	.
014	TITANIUM	0.2	0.2	0.1	0.008	.
015	VANADIUM	0.02	0.02	0.01	0.001	.
016	SILICON	10.	16.	10.	0.5	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R Clark

COMPLETION DATE: 6/5/78

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

2,10,18,26

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1978	02	003	EAST HIVOL

Card (1–3)	Item (4–16)	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
J01	VOLUME – FT^3	98550	95850	166500	99900	
002	TOTAL PART – MG	161.0	144.9	112.3	135.7	.
003	RESIDUE – MG	55.9	93.2	52.3	9.7	.
04	ALUMINUM – MG	10.	4.5	4.	0.8	.
005	CALCIUM ↓	8.	20.	7.	1.	.
006	CHROMIUM	0.05	0.05	0.02	0.01	.
007	COPPER	5.	4.5	10.	2.	.
008	IRON	2.	2.	1.	0.5	.
009	MAGNESIUM	2.5	2.	1.	0.1	.
010	MANGANESE	0.1	0.1	0.05	0.005	.
011	MOLYBDENIUM	0.008	0.01	.	0.001	.
012	NICKEL	2.	2.	1.	.	.
013	LEAD	1.3	0.5	0.2	0.05	.
014	TITANIUM	0.1	0.3	0.2	0.05	.
015	VANADIUM	0.008	.	0.02	0.008	.
016	SILICON	10.	20.	13.	2.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/5/78

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1978	02	004	SOUTH HI VOL

Card cols. 1–3	Cols. 4–16	Cols. 17–23	Cols. 24–30	Cols. 31–37	Cols. 38–44	Cols. 45–51
001	VOLUME–FT³	98550	84375	143325	89100	
002	TOTAL PART–MG	200.8	186.5	210.7	116.2	.
003	RESIDUE–MG	70.5	125.2	123.2	10.4	.
04	ALUMINUM –MG	10.	12.	12.	0.8	.
005	CALCIUM ↓	10.	25.	25.	1.5	.
006	CHROMIUM	0.07	0.05	0.06	0.04	.
007	COPPER	1.	2.5	2.0	0.5	.
008	IRON	2.	3.	3.0	1.	.
009	MAGNESIUM	3.	3.	3.	0.3	.
010	MANGANESE	0.1	0.1	0.06	0.02	.
011	MOLYBDENIUM	.	0.01	0.005	.	.
012	NICKEL	0.3	0.4	0.5	0.3	.
013	LEAD	3.	0.6	1.	0.008	.
014	TITANIUM	0.3	0.5	0.3	0.02	.
015	VANADIUM	0.02	0.05	.	0.005	.
016	SILICON	17.	31.	30.	2.6	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/5/78

UCN-12660
(1 5-78)

FORTRAN

04 April | Fluorine | 07

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35	36 37	38 39 40 41 42 43 44 45 46 47 48 49
001	K-901 PUMPHOUSE	.11	.23	.18		.18
002	K-1206D TRAILER	.35	.26	.18		.36
003	RADIO TOWER	.30	.44	.13		.29
004	BLAIR ROAD	.09	.08	.09		.11
005	CREDIT UNION	.14	.08	.11		.11
006	WATTS BAR CABIN	.11	.08			.12
007	WIND VANE P					
008	WIND VANE B					
( )						
010						
011						
012						
013						
014						
015						
016						
017						
018						
019						

UCN-12659
(1 7-77)

FORTRAN

04 April | Uranium | 07

001	K-901 PUMPHOUSE	<.01	<.01	<.01	.02
002	K-1206D TRAILER	<.01	<.01	<.01	.02
003	RADIO TOWER	<.01	<.01	<.01	.16
004	BLAIR ROAD	<.01	<.01	<.01	<.01
005	CREDIT UNION	<.01	<.01	<.01	<.01
006	WATTS BAR CABIN	<.01	<.01		<.01
007	WIND VANE P				
008	WIND VANE B				
[illegible]					
010					
011					
012					
013					
014					
015					
016					
017					
018					
019					

UCN-12659
(1 7-77)

FORTRAN

04 April | Chromium | 07

Cols 1–3	Cols 4–18	Cols 20–22	Cols 26–28	Cols 32–34	Cols 38–40
001	K-901 PUMPHOUSE	<.4	<.4	<.4	<.4
002	K-1206D TRAILER	<.4	<.4	<.4	<.4
003	RADIO TOWER	<.4	<.4	<.4	<.4
004	BLAIR ROAD	<.4	<.4	<.4	<.4
005	CREDIT UNION	<.4	<.4	<.4	<.4
006	WATTS BAR CABIN	<.4	<.4	~~[illegible]~~	<.4
007	WIND VANE P	~~[illegible]~~.			
008	WIND VANE B				
[illegible]					
010					
011					
012					
013					
014					
015					
016					
017					
018					
019					

UCN-12659
(1 7-77)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1978	04	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	–	F	T	3						9	3	1	5	0			9	3	8	2	5			9	3	1	5	0			9	1	8	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	–	M	G		1	1	3	•	5			1	5	4	•	3			2	1	0	•	5			1	4	1	•	4						•		
0	0	3	R	E	S	I	D	U	E	–	M	G					3	0	•	9				4	2	•	8				5	4	•	5				2	1	•	7						•			
	0	4	A	L	U	M	I	N	U	M			–	M	G			3	•						3	•						4	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓				4	•						3	•						6	•						2	•							•			
0	0	6	C	H	R	O	M	I	U	M				↓				0	•	0	7				0	•	0	2				0	•	0	2				0	•	0	2					•			
0	0	7	C	O	P	P	E	R										0	•	1					0	•	8					0	•	5					0	•	1						•			
0	0	8	I	R	O	N												3	•						2	•						2	•						1	•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	7					1	•						1	•						1	•							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	7				0	•	0	5				0	•	0	8				0	•	0	1					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•								•			
0	1	2	N	I	C	K	E	L										0	•	1					3	•						6	•						0	•	1						•			
0	1	3	L	E	A	D												0	•	2					2	•						2	•						0	•	0	8					•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	0	8			0	•	2					0	•	2					0	•	0	1					•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	1			0	•	0	1				0	•	0	1				0	•	0	0	8				•			
0	1	6	S	I	L	I	C	O	N									7	•						5	•						8	•						3	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•			
0	1	8																	•							•							•							•								•			
0	1	9																	•							•							•							•								•			
0	2	0																	•							•							•							•								•			
	2	1																	•							•							•							•								•			
0	2	2																	•							•							•							•								•			
0	2	3																	•							•							•							•								•			
0	2	4																	•							•							•							•								•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: K. Clark

COMPLETION DATE: 6/21/78

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1978	04	002	NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	8	5	5	0			9	9	9	9	0		1	0	1	2	5	0			9	7	2	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	0	4	•	1				9	7	•	5			1	9	5	•	2			1	4	6	•	0						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	5	•	6				1	9	•	8				4	4	•	0				2	1	•	2						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•						2	•						3	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓				2	•						1	•						2	•						2	•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	5				0	•	0	1				0	•	0	5				0	•	0	1					•			
0	0	7	C	O	P	P	E	R										0	•	7					0	•	1					0	•	4					0	•	1						•			
0	0	8	I	R	O	N												1	•	5					0	•	8					2	•						1	•	5						•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	3					0	•	5					1	•						2	•							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	2				0	•	0	2				0	•	0	8				0	•	0	2					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L										0	•	4					2	•						5	•						0	•	0	3					•			
0	1	3	L	E	A	D												0	•	2					1	•						2	•						0	•	0	8					•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	6				0	•	1					0	•	1					0	•	0	1					•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	7			0	•	0	0	4			0	•	0	0	8			0	•	0	0	4				•			
0	1	6	S	I	L	I	C	O	N									4	•						3	•						6	•						3	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R Clark

COMPLETION DATE: 6/21/78

PARTICULATE AIR DATA

MONTH: 05 MAY | YEAR: 1978 | FIRST DAY: 04 | STAT. NO.: 003 | LOCATION: EAST HIVOL

1	2	3	4–11	12–15	16–17	18–20	21–23	24–25	26–30	31–32	33–35	36–37	38–39	40–44	45–51
0	0	1	VOLUME-FT	3		101	250	1	01250		95850			97200	
0	0	2	TOTAL PART-MG			113.0		1	45.9	1	99.5		1	37.2	
0	0	3	RESIDUE-MG			25.4		2	6.4	5	3.1		2	3.7	
	0	4	ALUMINUM-MG			2.6			1.		5.			2.	
0	0	5	CALCIUM			5.			3.		5.			1.	
0	0	6	CHROMIUM			0.1			0.01		0.05			0.01	
0	0	7	COPPER			1.8			1.		2.			1.	
0	0	8	IRON			3.			0.5		2.			1.	
0	0	9	MAGNESIUM			0.9			0.5		1.			1.	
0	1	0	MANGANESE			0.08			0.02		0.1			0.01	
0	1	1	MOLYBDENIUM			.			.		.			.	
0	1	2	NICKEL			0.8			2.5		5.			3.	
0	1	3	LEAD			0.3			1.		2.			0.08	
0	1	4	TITANIUM			0.06			0.05		0.2			0.01	
0	1	5	VANADIUM			0.01			0.005		0.02			0.008	
0	1	6	SILICON			4.			2.		8.			2.	
0	1	7	OTHERS FOUND			.			.		.			.	
0	1	8				.			.		.			.	
0	1	9				.			.		.			.	
0	2	0				.			.		.			.	
	2	1				.			.		.			.	
0	2	2				.			.		.			.	
0	2	3				.			.		.			.	
0	2	4				.			.		.			.	
9	9	8	(PUNCH)												
9	9	9	(PUNCH)												

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/21/78

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1978	04	004	SOUTH HI VOL

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME – FT^3	81675	83700	87750	82350	
002	TOTAL PART – MG	114.	169.3	202.5	138.2	.
003	RESIDUE – MG	23.2	45.9	50.8	22.5	.
04	ALUMINUM – MG	2.	3.	4.	3.	.
005	CALCIUM ↓	4.	3.	6.	2.	.
006	CHROMIUM	0.05	0.02	0.02	0.01	.
007	COPPER	1.	1.	0.8	1.	.
008	IRON	2.	1.5	2.	1.	.
009	MAGNESIUM	0.5	1.	2.	1.	.
010	MANGANESE	0.05	0.08	0.08	0.02	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	0.1	5.	5.	0.08	.
013	LEAD	0.2	2.	1.	0.1	.
014	TITANIUM	0.1	0.2	0.2	0.01	.
015	VANADIUM	0.01	0.01	0.01	0.008	.
016	SILICON	5.	5.	8.	3.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.c Clark

COMPLETION DATE: 6/21/78

FORTRAN

05 May 1978 | Fluoride µg/m³ | 4 5

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49
001	K-901 PUMPHOUSE	.21	.19	.12	.19
002	K-1206D TRAILER	.15	.30	.50	.39
003	RADIO TOWER	.09	.21	.25	.08
004	BLAIR ROAD	.05	.07	.07	.07
005	CREDIT UNION	.04	.05	.05	.07
006	WATTS BAR CABIN	.06	.07	.06	.11
007	WIND VANE P				
008	WIND VANE B				
009					
010					
011					
012					
013					
014					
015					
016					
017					
018					
019					

UCN-12659
(1 7-77)

FORTRAN

05 May 1978 | Uranium µg/m³ | 4 5

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34	35 36 37	38 39 40 41 42 43 44 45 46 47 48 49
001	K-901 PUMPHOUSE	.06	.02	<.01		<.01
002	K-1206D TRAILER	<.01	.02	<.01		<.01
003	RADIO TOWER	<.01	<.01	<.01		<.01
004	BLAIR ROAD	<.01	<.01	<.01		<.01
005	CREDIT UNION	<.01	<.01	<.01		<.01
006	WATTS BAR CABIN	<.01	.02	<.01		<.01
007	WIND VANE P					
008	WIND VANE B					
009						
010						
011						
012						
013						
014						
015						
016						
017						
018						
019						

UCN-12659
(1 7-77)

FORTRAN

05 May 1978 | Chromium µg/m³ | 45

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49
001	K-901 PUMPHOUSE	<.04	<.04	<.04	<.04
002	K-1206D TRAILER	<.04	<.04	<.04	<.04
003	RADIO TOWER	<04	<.04	<.04	<.04
004	BLAIR ROAD	<.04	<.04	<.04	<.04
005	CREDIT UNION	<.04	<.04	<.04	<.04
006	WATTS BAR CABIN	<.04	<.04	<.04	<.04
007	WIND VANE P				
008	WIND VANE B				
9					
010					
011					
012					
013					
014					
015					
016					
017					
018					
019					

UCN-12659
(1 7-77)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1978	05	001	WEST HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME-FT^3	95850	95850	85050	91800	
002	TOTAL PART-MG	148.0	125.7	144.2	218.6	.
003	RESIDUE-MG	44.5	57.3	40.1	84.4	.
004	ALUMINUM -MG	4.	5.	4.	8.	.
005	CALCIUM	6.	2.	10.	8.	.
006	CHROMIUM ↓	0.01	0.1	0.02	0.04	.
007	COPPER	0.1	0.1	.	0.2	.
008	IRON	2.	2.	2.	4.	.
009	MAGNESIUM	4.	0.2	0.1	0.1	.
010	MANGANESE	0.1	0.2	0.08	0.08	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	0.7	0.1	0.5	2.	.
013	LEAD	0.2	0.2	0.1	0.5	.
014	TITANIUM	0.2	0.08	0.2	0.4	.
015	VANADIUM	0.01	0.008	0.01	0.03	.
016	SILICON	8.	14.	12.	25.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: K. Clark

COMPLETION DATE: 7/27/78

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 06 JUNE | YEAR: 1978 | FIRST DAY: 05 | STAT. NO.: 002 | LOCATION: NORTH HI VOL

Code	Item	Cols. 17–23	Cols. 24–30	Cols. 31–37	Cols. 38–44
001	VOLUME-FT^3	98550	99900	98550	101250
002	TOTAL PART-MG	148.0	387.8	159.2	227.3
003	RESIDUE-MG	44.5	216.5	45.8	92.2
004	ALUMINUM-MG	4.	21.	4.	12.
005	CALCIUM	6.	1.	1.	8.
006	CHROMIUM	0.02	0.5	0.1	0.05
007	COPPER	0.1	0.5	0.1	1.
008	IRON	2.	8.	1.5	4.
009	MAGNESIUM	4.	0.5	0.1	0.8
010	MANGANESE	0.1	0.6	0.08	0.1
011	MOLYBDENIUM	.	.	.	.
012	NICKEL	0.2	0.5	4.	2.
013	LEAD	0.2	1.6	0.2	0.1
014	TITANIUM	0.2	0.4	0.1	0.1
015	VANADIUM	0.008	0.02	0.008	0.06
016	SILICON	8.	60.	8.	27.
017	OTHERS FOUND	.	.	.	.
018		.	.	.	.
019		.	.	.	.
020		.	.	.	.
021		.	.	.	.
022		.	.	.	.
023		.	.	.	.
024		.	.	.	.
998	(PUNCH)				
999	(PUNCH)				

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/27/78

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1978	05	003	EAST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	7	2	0	0			9	8	5	5	0			9	7	2	0	0			9	5	8	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	3	2	•	6			1	1	9	•	9			1	5	1	•	9			1	8	5	•	0						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	3	•	0				4	1	•	4				4	2	•	4				5	8	•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			4	•						6	•						4	•						4	•							•			
0	0	5	C	A	L	C	I	U	M					↓				3	•						1	•						1	•						4	•							•			
0	0	6	C	H	R	O	M	I	U	M				↓				0	•	0	1				0	•	1					0	•	1					0	•	0	4					•			
0	0	7	C	O	P	P	E	R										0	•	2					3	•						2	•						0	•	1						•			
0	0	8	I	R	O	N												1	•						1	•	5					1	•	5					2	•							•			
0	0	9	M	A	G	N	E	S	I	U	M							3	•						0	•	1					0	•	1					0	•	2						•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	1					0	•	1					0	•	0	8				0	•	0	6					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L										0	•	7					8	•						8	•						1	•							•			
0	1	3	L	E	A	D												0	•	3					0	•	2					0	•	2					0	•	0	6					•			
0	1	4	T	I	T	A	N	I	U	M								0	•	1					0	•	1					0	•	0	6				0	•	2						•			
0	1	5	V	A	N	A	D	I	U	M								[illegible]	•	0	0	7			0	•	0	0	4			0	•	0	0	8			0	•	0	0	8				•			
0	1	6	S	I	L	I	C	O	N									6	•						8	•						8	•					1	2	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R Clark

COMPLETION DATE: 7/27/78

5-13-21-29

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1978	05	004	SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	–	F	T	3						8	2	3	5	0			8	5	0	5	0			8	3	7	0	0			8	5	0	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	–	M	G		1	7	8	•	2			1	2	4	•	5			1	3	4	•	0			2	1	4	•	0						•		
0	0	3	R	E	S	I	D	U	E	–	M	G					7	1	•	7				4	1	•	6				2	8	•	0				8	2	•	1						•			
	0	4	A	L	U	M	I	N	U	M			–	M	G			7	•						4	•						3	•						8	•							•			
0	0	5	C	A	L	C	I	U	M					↓				7	•						1	•	5					2	•						8	•							•			
0	0	6	C	H	R	O	M	I	U	M				↓				0	•	0	4				0	•	1					0	•	0	2				0	•	0	4					•			
0	0	7	C	O	P	P	E	R										0	•	4					0	•	1					0	•	0	7				0	•	2						•			
0	0	8	I	R	O	N												3	•						1	•	5					1	•						4	•							•			
0	0	9	M	A	G	N	E	S	I	U	M							4	•	0					0	•	1					0	•	1					0	•	8						•			
0	1	0	M	A	N	G	A	N	E	S	E							1	•	0					0	•	1					0	•	0	7				0	•	1						•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L										1	•						6	•						0	•	3					1	•							•			
0	1	3	L	E	A	D												0	•	5					0	•	1					0	•	0	5				0	•	0	8					•			
0	1	4	T	I	T	A	N	I	U	M								0	•	5					0	•	0	6				0	•	1					0	•	4						•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	1				0	•	0	0	4			0	•	0	0	8			0	•	0	3					•			
0	1	6	S	I	L	I	C	O	N								1	8	•					1	0	•						8	•					2	4	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/27/78

FORTRAN

06 June 1978 | Fluoride ug/m³ | 5 | 2

1	2	3	4–18	19–20	21–23	24–25	26–27	28–29	30–31	32–34	35–37	38–43	44–47	48–49
0	0	1	K-901 PUMPHOUSE		.18		.18		.53		—		.11	
0	0	2	K-1206D TRAILER		.56		.41		.35		.91		.44	
0	0	3	RADIO TOWER		.33		.33		.09		.21		.23	
0	0	4	BLAIR ROAD		.06		.06		<.03		.06		.03	
0	0	5	CREDIT UNION		.06		.06		.06		.09		.06	
0	0	6	WATTS BAR CABIN		.09		.09				.09		.09	
0	0	7	WIND VANE P											
0	0	8	WIND VANE B											
		)												
0	1	0												
0	1	1												
0	1	2												
0	1	3												
0	1	4												
0	1	5												
0	1	6												
0	1	7												
0	1	8												
0	1	9												

UCN-12659
(1 7-77)

FORTRAN

06 June 1978 | Uranium mg/m³ | 5 | 2

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49
001	K-901 PUMPHOUSE	<.01	—	—	.011
002	K-1206D TRAILER	.02	.04	.012	.016
003	RADIO TOWER	<.01	.03	.015	<.01
004	BLAIR ROAD	<.01	.01	<.01	<.01
005	CREDIT UNION	<.01	<.01	<.01	<.01
006	WATTS BAR CABIN	<.01	<.01	<.01	<.01
007	WIND VANE P				
008	WIND VANE B				
010					
011					
012					
013					
014					
015					
016					
017					
018					
019					

UCN-12659
(1 7-77)

FORTRAN

06 June 1978 | Chromium µg/m³ | 5 | 2

1 2 3	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	19 20 21 22 23 24 25	26 27 28 29 30 31	32 33 34 35	36 37	38 39 40 41 42 43	44 45 46 47 48 49
001	K-901 PUMPHOUSE	<.04	<.04	—		—	<.04
002	K-1206D TRAILER	<.04	<.04	<.04		<.04	<.04
003	RADIO TOWER	<.04	<.04	<.04		<.04	<.04
004	BLAIR ROAD	<.04	<.04	<.04		<.04	<.04
005	CREDIT UNION	<.04	<.04	<.04		<.04	<.04
006	WATTS BAR CABIN	<.04	<.04	<.04		<.04	<.04
007	WIND VANE P						
008	WIND VANE B						
010							
011							
012							
013							
014							
015							
016							
017							
018							
019							

UCN-12659
(1 7-77)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1978	07	001	WEST HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44
001	VOLUME – FT^3	87750	95850	99900	90450
002	TOTAL PART – MG	190.7	248.9	322.4	138.4
003	RESIDUE – MG	35.3	63.4	37.7	44.1
004	ALUMINUM – MG	5.	6.	3.	3.
005	CALCIUM	4.	4.	3.	6.
006	CHROMIUM	0.02	0.02	0.03	0.02
007	COPPER	0.2	0.3	0.2	0.4
008	IRON	1.4	2.4	1.5	2.
009	MAGNESIUM	1.7	3.	2.	0.6
010	MANGANESE	0.08	0.1	0.05	0.04
011	MOLYBDENIUM	.	.	.	.
012	NICKEL	0.1	0.3	0.1	0.06
013	LEAD	0.09	0.1	0.09	0.2
014	TITANIUM	0.1	0.3	0.2	0.1
015	VANADIUM	0.01	0.02	0.01	0.01
016	SILICON	5.	9.	5.	11.
017	OTHERS FOUND	.	.	.	.
018		.	.	.	.
019		.	.	.	.
020		.	.	.	.
021		.	.	.	.
022		.	.	.	.
023		.	.	.	.
024		.	.	.	.
998	(PUNCH)				
999	(PUNCH)				

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 9/12/78

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1978 | FIRST DAY: 07 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT³	98550	98550	101250	98550	
002	TOTAL PART – MG	207.9	310.1	.	152.3	.
003	RESIDUE – MG	50.3	104.1	66.9	36.6	.
004	ALUMINUM – MG	5.	10.	6.	3.6	.
005	CALCIUM	5.	7.5	5.	1.4	.
006	CHROMIUM	0.02	0.04	0.03	0.12	.
007	COPPER	0.2	0.5	0.3	0.09	.
008	IRON	2.	4.	3.	0.4	.
009	MAGNESIUM	2.	5.	3.	0.09	.
010	MANGANESE	0.07	0.2	0.09	0.009	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	0.2	0.5	0.2	0.1	.
013	LEAD	0.1	0.2	.	0.2	.
014	TITANIUM	0.2	0.5	0.3	0.1	.
015	VANADIUM	0.02	0.05	0.03	0.01	.
016	SILICON	7.	15.	10.	9.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 9/12/78

UCN-12660
(1 5-78)

-15-or-31

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1978 | FIRST DAY: 07 | STAT. NO.: 003 | LOCATION: EAST HIVOL

Code	Item	17–23	24–30	31–37	38–44	45–51
001	VOLUME-FT³	93825	99900	99900	95850	
002	TOTAL PART-MG	184.9	245.7	78.7	156.7	.
003	RESIDUE-MG	35.5	64.1	21.3	46.3	.
004	ALUMINUM -MG	3.	6.	2.	5.	.
005	CALCIUM ↓	3.	6.	1.	6.	.
006	CHROMIUM	0.02	0.03	0.01	0.04	.
007	COPPER	0.4	0.6	0.1	2.	.
008	IRON	1.4	2.	1.	2.	.
009	MAGNESIUM	1.8	3.	1.	0.4	.
010	MANGANESE	0.05	0.1	0.04	0.08	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	5.	10.	0.2	0.3	.
013	LEAD	0.09	0.1	0.05	0.2	.
014	TITANIUM	0.1	0.3	0.1	0.1	.
015	VANADIUM	0.02	0.03	0.008	0.01	.
016	SILICON	5.	9.	3.	10.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660 (1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 9/12/78

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1978 | FIRST DAY: 07 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	3	0	2	5			8	5	0	5	0			8	6	4	0	0			8	5	0	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		2	0	3	•	3			2	4	0	•	8			1	2	2	•	4			1	5	0	•	6						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					4	3	•	5				5	9	•	5				3	1	•	8				5	6	•	6						•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			4	•						6	•						3	•						5	•							•			
0	0	5	C	A	L	C	I	U	M					↓				4	•						4	•						3	•					1	1	•							•			
0	0	6	C	H	R	O	M	I	U	M				↓				0	•	0	1				0	•	0	3				0	•	0	3				0	•	0	3					•			
0	0	7	C	O	P	P	E	R										0	•	2					0	•	3					0	•	2					0	•	5						•			
0	0	8	I	R	O	N												1	•	6					2	•	4					1	•	5					3	•							•			
0	0	9	M	A	G	N	E	S	I	U	M							2	•						2	•						2	•						0	•	8						•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	8				0	•	1					0	•	0	5				0	•	0	8					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L										0	•	2					0	•	4					0	•	1					0	•	2						•			
0	1	3	L	E	A	D												0	•	1					0	•	1						•						0	•	3						•			
0	1	4	T	I	T	A	N	I	U	M								0	•	2					0	•	3					0	•	2					0	•	1						•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	2				0	•	0	2				0	•	0	1				0	•	0	1					•			
0	1	6	S	I	L	I	C	O	N									6	•						9	•						5	•					1	4	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 9/12/78

INDUSTRIAL HYGIENE F D SAMPLING REPORT

DATE OF SERVICE TRIP 6/30/78 - 7/7/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 775 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	13	0.15	0.002	<0.015
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	18.	0.21	0.002	<0.015
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	18	0.21	0.007	<0.015
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	10	0.12	0.002	<0.015
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	7.5	0.09	0.004	<0.015
6	CABIN	1400 to 1400	8.5	85.7	F^-	10	0.12	0.001	<0.015

DISTRIBUTION:

E. J. BARBER T.E. Bard

T. KWASNOSKI R. D. GILMORE

SAMPLED BY _____ SUPERVISOR _____ DATE RELEASED _____

INDUSTRIAL HYGIENE F D SAMPLING REPORT

DATE OF SERVICE TRIP 7/7/78 - 7/14/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 776 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	15	0.18	< 0.001	< 0.015
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	33	0.39	0.002	< 0.015
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	20	0.23	0.007	< 0.015
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	7.5	0.09	0.004	< 0.015
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	10	0.12	0.002	0.020
6	CABIN	1400 to 1400	8.5	85.7	F^-	10	0.12	0.001	0.029

DISTRIBUTION:

E. J. BARBER — T. E. Bard

T. KWASNOSKI — R. D. GILMORE

SAMPLED _____ SUPERVISOR _____ DATE RELEASED _____

UCN-1395 2-63)

INDUSTRIAL HYGIENE F D SAMPLING REPORT

DATE OF SERVICE TRIP 7/14/78 – 7/21/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 777 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to	8.5	85.7	F^-	13	0.15	0.004	<0.015
		1400							
2	K-1206-D TRAILER	1400 to	8.5	85.7	F^-	63	0.74	0.002	<0.015
		1400							
3	RADIO TOWER	1400 to	8.5	85.7	F^-	13	0.15	0.001	<0.015
		1400							
4	BLAIR ROAD	1400 to	8.5	85.7	F^-	7.5	0.09	<0.001	<0.015
		1400							
5	CREDIT UNION	1400 to	8.5	85.7	F^-	10	0.12	<0.001	<0.015
		1400							
6	CABIN	1400 to	8.5	85.7	F^-	7.5	0.09	<0.001	<0.015
		1400							

DISTRIBUTION:

E. J. BARBER T. E. Baird

T. KWASNOSKI R. D. GILMORE

SAMPLED B _____ SUPERVISOR _____ DATE RELEASED _____

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 7/21/78 - 7/28/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT No. 778 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	15	0.18	0.012	<0.015
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	50	0.58	<0.001	<0.015
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	15	0.18	<0.001	<0.015
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	5.0	0.06	0.002	<0.015
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	7.5	0.09	0.005	<0.015
6	CABIN	1400 to 1400	8.5	85.7	F^-	5.0	0.06	0.004	<0.015

DISTRIBUTION:

E. J. BARBER — T. E. Bard

T. KWASNOSKI — R. D. GILMORE

SAMPLED BY _____ SUPERVISOR _____ DATE RELEASED _____

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1978	08	001	WEST HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
J01	VOLUME-FT³	89775	88425	88425		
002	TOTAL PART-MG	100.1	162.8	190.3	.	.
003	RESIDUE-MG	19.3	96.7	56.4	.	.
04	ALUMINUM -MG	1.	9.	5.	.	.
005	CALCIUM	4.	9.	8.	.	.
006	CHROMIUM	0.02	0.03	0.01	.	.
007	COPPER	0.4	0.1	0.3	.	.
008	IRON	1.	1.	0.3	.	.
009	MAGNESIUM	0.3	1.	0.3	.	.
010	MANGANESE	0.04	0.1	0.08	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	0.1	0.05	0.1	.	.
013	LEAD	0.1	0.1	0.03	.	.
14	TITANIUM	0.06	0.2	0.1	.	.
015	VANADIUM	0.008	0.1	0.03	.	.
016	SILICON	4.	14.	8.	.	.
017	OTHERS FOUND	.	.	.	.	.
J18		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: K. Clark

COMPLETION DATE: 9/26/78

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 08 AUGUST | YEAR: 1978 | FIRST DAY: 08 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

Code (1–3)	Item (4–16)	19–23	26–30	33–37	41–44	48–51
J01	VOLUME – FT³	97200	98550	97200		
002	TOTAL PART – MG	44.7	124.6	187.5	.	.
003	RESIDUE – MG	2.9	43.1	46.5	.	.
004	ALUMINUM – MG	0.5	4.	5.	.	.
005	CALCIUM ↓	1.	6.	7.	.	.
006	CHROMIUM	0.03	0.02	0.01	.	.
007	COPPER	0.3	1.	0.5	.	.
008	IRON	0.5	1.	0.2	.	.
009	MAGNESIUM	0.1	1.	0.3	.	.
010	MANGANESE	0.03	0.06	0.07	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	0.1	0.1	0.2	.	.
013	LEAD	0.05	0.1	0.02	.	.
14	TITANIUM	0.06	0.1	0.1	.	.
015	VANADIUM	0.008	0.01	0.02	.	.
016	SILICON	1.	8.	7.	.	.
017	OTHERS FOUND	.	.	.	.	.
J18		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 9/26/78

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1978	08	003	EAST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	9	9	0	0			9	7	2	0	0			9	4	5	0	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	0	4	•	9			1	2	6	•	8			1	2	3	•	4						•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	7	•	7				4	5	•	0				2	6	•	5						•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•						2	•						3	•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				3	•						7	•						4	•							•							•			
0	0	6	C	H	R	O	M	I	U	M				↓				0	•	0	2				0	•	0	4				0	•	0	0	6				•							•			
0	0	7	C	O	P	P	E	R										0	•	8					2	•						1	•	5						•							•			
0	0	8	I	R	O	N												1	•						0	•	5					0	•	1						•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	3					0	•	6					0	•	1						•							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	4				0	•	0	2				0	•	0	3					•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L										0	•	3					0	•	6					0	•	5						•							•			
0	1	3	L	E	A	D												0	•	1					0	•	1					0	•	0	1					•							•			
	1	4	T	I	T	A	N	I	U	M								0	•	0	6				0	•	1					0	•	0	5					•							•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	8			0	•	0	1				0	•	0	1					•							•			
0	1	6	S	I	L	I	C	O	N									4	•						5	•						2	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 9/26/78

PARTICULATE AIR DATA

MONTH: 08 AUGUST YEAR: 1978 FIRST DAY: 08 STAT. NO.: 004 LOCATION: SOUTH HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
J01	VOLUME – FT³	83700	90450	89775		
002	TOTAL PART – MG	106.3	105.0	168.4	.	.
003	RESIDUE – MG	19.5	22.4	41.1	.	.
04	ALUMINUM – MG	1.	2.	2.	.	.
005	CALCIUM ↓	3.	4.	6.	.	.
006	CHROMIUM	0.02	0.03	0.01	.	.
007	COPPER	0.5	0.4	1.	.	.
008	IRON	1.	1.	0.2	.	.
009	MAGNESIUM	0.3	1.	0.3	.	.
010	MANGANESE	0.04	0.08	0.08	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	0.1	0.1	0.2	.	.
013	LEAD	0.1	0.1	0.02	.	.
14	TITANIUM	0.06	0.1	0.1	.	.
015	VANADIUM	0.008	0.01	0.02	.	.
016	SILICON	4.	5.	8.	.	.
017	OTHERS FOUND	.	.	.	.	.
J18		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 9/26/78

UCN-12660
(1 5-78)

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 7/28/78 - 8/4/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 779 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	15	0.18	0.015	0.017
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	60	0.70	0.002	0.017
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	7.5	0.09	<0.001	0.017
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	7.5	0.09	<0.001	<0.015
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	13	0.15	<0.001	0.017
6	CABIN	1400 to 1400	8.5	85.7	F^-	10	0.12	0.0019	0.020

DISTRIBUTION:

E. J. BARBER — T.E. Baird

T. KWASNOSKI — R. D. GILMORE

SAMPLE _____ SUPERVISOR _____ DATE RELEASED _____

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 8/4/78 – 8/11/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 780 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	13	0.15	0.017	0.023
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	43	0.50	0.005	0.023
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	5	0.06	0.001	0.020
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	10	0.12	0.002	0.023
5	CREDIT UNION No Sample Check Report 781	1400 to 1400	8.5	85.7	F^-				
6	CABIN	1400 to 1400	8.5	85.7	F^-	10	0.12	0.007	0.026

DISTRIBUTION:

E. J. BARBER — T. E. Baird

T. KWASNOSKI — R. D. GILMORE

SAMPLE _____ SUPERVISOR _____ DATE RELEASED _____

INDUSTRIAL HYGIENE – FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 8/11/78 – 8/18/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 781 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	15	0.18	0.023	0.023
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	70	0.81	0.008	0.023
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	10	0.12	0.006	0.023
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	5	0.06	0.010	0.023
5	CREDIT UNION 8/4/78 – 8/18/78	1400 to 1400	8.5	85.7	F^-	20	0.12	~~0.014~~ 0.008	~~0.026~~ 0.035
6	CABIN	1400 to 1400	8.5	85.7	F^-	15	0.18	0.016	0.023

DISTRIBUTION:

E. J. BARBER — T.E. Baird

T. KWASNOSKI — R. D. GILMORE

SAMPLED _____ SUPERVISOR _____ DATE RELEASED _____

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 8/18/78 - 8/25/78 BUILDING _____ ROUTINE ☐ REPORT NO. 782

SPECIAL ☐ REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	25	0.29	0.002	0.017
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	155	1.8	0.005	0.017
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	7.5	0.09	0.001	0.015
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	13	0.15	0.007	0.015
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	10	0.12	0.003	0.020
6	CABIN	1400 to 1400	8.5	85.7	F^-	10	0.12	0.001	0.020

DISTRIBUTION:

E. J. BARBER T. E. Bard

T. KWASNOSKI R. D. GILMORE

SAMPLED BY _____ SUPERVISOR _____ DATE RELEASED _____

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1978	01	001	WEST HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT³	89100	90450	78300	83700	
002	TOTAL PART – MG	67.8	173.2	111.0	100.6	
003	RESIDUE – MG	15.0	48.1	47.4	37.4	.
004	ALUMINUM – MG	1.	3.	5.	4.	.
005	CALCIUM ↓	3.	7.	9.	7.	.
006	CHROMIUM	0.01	0.01	0.05	0.03	.
007	COPPER	0.1	0.2	0.5	0.5	.
008	IRON	0.1	0.2	1.	0.5	.
009	MAGNESIUM	0.2	0.3	1.	0.9	.
010	MANGANESE	0.03	0.08	0.06	0.05	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	0.07	0.1	0.04	0.03	.
013	LEAD	0.01	0.02	0.2	0.1	.
014	TITANIUM	0.05	0.1	0.1	0.2	.
015	VANADIUM	0.008	0.01	0.01	0.01	.
016	SILICON	3.	7.	9.	7.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/16/78

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1978 | FIRST DAY: 01 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						9	8	5	5	0			9	7	2	0	0			9	7	2	0	0			9	8	5	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			8	7	•	8			2	2	6	•	3			1	1	8	•	6			1	0	5	•	0						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	7	•	1				5	3	•	4				4	4	•	5				4	5	•	5						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						4	•						4	•						4	•							•			
0	0	5	C	A	L	C	I	U	M					↓				4	•						8	•						9	•						9	•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	1				0	•	0	2				0	•	0	4				0	•	0	2					•			
0	0	7	C	O	P	P	E	R										0	•	1					0	•	9					0	•	0	2				0	•	0	2					•			
0	0	8	I	R	O	N												0	•	2					0	•	3					0	•	7					0	•	7						•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	2					0	•	3					1	•						1	•							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	4				0	•	0	9				0	•	0	4				0	•	0	6					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•								•			
0	1	2	N	I	C	K	E	L										0	•	0	6				0	•	3					0	•	0	4				0	•	0	4					•			
0	1	3	L	E	A	D												0	•	0	2					•						0	•	2					0	•	2						•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	5				0	•	1					0	•	1					0	•	1						•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	8			0	•	0	2				0	•	0	1				0	•	0	1					•			
0	1	6	S	I	L	I	C	O	N									4	•						9	•						9	•						8	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•			
	1	8																	•							•							•							•								•			
0	1	9																	•							•							•							•								•			
0	2	0																	•							•							•							•								•			
	2	1																	•							•							•							•								•			
0	2	2																	•							•							•							•								•			
0	2	3																	•							•							•							•								•			
0	2	4																	•							•							•							•								•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/16/78

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1978 | FIRST DAY: 01 | STAT. NO.: 003 | LOCATION: EAST HIVOL

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15	16	17 18 19 20	21 22 23	24 25	26 27 28 29 30	31 32	33 34 35 36 37	38 39	40 41 42 43 44	45 46 47	48	49	50	51
001	VOLUME-FT³			NO Sample			99900		94500		10125					
002	TOTAL PART-MG				•	25	9.0		98.3		81.9			•		
003	RESIDUE-MG				•	5	6.8		26.4		24.3		•			
004	ALUMINUM-MG				•		3.		3.		2.		•			
005	CALCIUM				•		8.		4.		4.		•			
006	CHROMIUM				•		0.02		0.02		0.01		•			
007	COPPER				•		3.		0.5		0.5		•			
008	IRON				•		0.3		0.3		0.3		•			
009	MAGNESIUM				•		0.3		0.5		0.5		•			
010	MANGANESE				•		0.09		0.03		0.03		•			
011	MOLYBDENIUM				•		.		.		.		•			
012	NICKEL				•		2.		0.02		0.02		•			
013	LEAD				•		0.03		0.5		0.3		•			
014	TITANIUM				•		0.1		0.09		0.07		•			
015	VANADIUM				•		0.01		0.008		0.008		•			
016	SILICON				•		9.		4.		4.		•			
017	OTHERS FOUND				•		.		.		.		•			
018					•		.		.		.		•			
019					•		.		.		.		•			
020					•		.		.		.		•			
021					•		.		.		.		•			
022					•		.		.		.		•			
023					•		.		.		.		•			
024					•		.		.		.		•			
998	(PUNCH)															
999	(PUNCH)															

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/16/78

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1978	01	004	SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3				N	O	Sample							No	SAMPLE							9	7	2	0	0		1	0	1	2	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•					2	0	5	•	8			1	2	8	•	7						•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•						6	9	•	3				6	3	•	2						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G				•							•							7	•						6	•							•			
0	0	5	C	A	L	C	I	U	M					↓					•							•						1	4	•					1	2	•							•			
0	0	6	C	H	R	O	M	I	U	M									•							•							0	•	0	3				0	•	0	3					•			
0	0	7	C	O	P	P	E	R											•							•							0	•	7					0	•	9						•			
0	0	8	I	R	O	N													•							•							1	•						0	•	9						•			
0	0	9	M	A	G	N	E	S	I	U	M								•							•							3	•						2	•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•							•							0	•	0	7				0	•	0	9					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•							•			
0	1	2	N	I	C	K	E	L											•							•							0	•	0	7				0	•	0	6					•			
0	1	3	L	E	A	D													•							•							0	•	7					0	•	6						•			
0	1	4	T	I	T	A	N	I	U	M									•							•							0	•	3					0	•	3						•			
0	1	5	V	A	N	A	D	I	U	M									•							•							0	•	0	3				0	•	0	3					•			
0	1	6	S	I	L	I	C	O	N										•							•						1	4	•					1	3	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•			
	1	8																	•							•								•							•							•			
0	1	9																	•							•								•							•							•			
0	2	0																	•							•								•							•							•			
	2	1																	•							•								•							•							•			
0	2	2																	•							•								•							•							•			
0	2	3																	•							•								•							•							•			
0	2	4																	•							•								•							•							•			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/16/78

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 8/25/78 - 9/1/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 783 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	25	0.29	<0.001	0.020
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	150	1.8	0.002	0.020
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	7.5	0.09	<0.001	0.032
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	12	0.14	<0.001	0.020
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	11	0.13	<0.001	0.017
6	CABIN	1400 to 1400	8.5	85.7	F^-	11	0.13	0.001	0.020

DISTRIBUTION:

E. J. BARBER — T. E. Bard

T. KWASNOSKI — R. D. GILMORE

SAMPLED BY _____ SUPERVISOR _____ DATE RELEASED _____

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 9/1/78 – 9/8/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 784 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	20	0.23	0.004	<0.015
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	93	1.1	<0.001	0.015
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	63	0.74	0.004	0.015
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	<2.5	0.03	<0.001	0.015
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	7.2	0.08	<0.001	0.015
6	CABIN	1400 to 1400	8.5	85.7	F^-	7.0	0.08	<0.001	0.015

DISTRIBUTION:

E. J. BARBER T.E. Bard

T. KWASNOSKI R. D. GILMORE

SAMPLED BY _____ SUPERVISOR _____ DATE RELEASED 10/ /78

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 9/8/78 – 9/15/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 785 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	11	0.13	0.003	0.014
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	49	0.57	0.007	0.014
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	28	0.33	0.003	0.014
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	13	0.15	0.002	0.014
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	6.5	0.08	0.002	0.014
6	CABIN	1400 to 1400	8.5	85.7	F^-	7.0	0.08	0.002	0.014

DISTRIBUTION:

E. J. BARBER — T. E. Bard

T. KWASNOSKI — R. D. GILMORE

SAMPLED BY _____ SUPERVISOR _____ DATE RELEASED 10/23/10

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 9/15/78 to 9/22/78 BUILDING _____ ROUTINE ☑ SPECIAL ☐ REPORT NO. 786 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	12.5	0.15	0.002	<0.014
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	55.0	0.64	0.002	0.014
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	16.0	0.19	0.003	0.017
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	5.75	0.07	0.002	0.017
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	6.75	0.08	<0.001	0.017
6	CABIN	1400 to 1400	8.5	85.7	F^-	7.0	0.08	<0.001	0.023

DISTRIBUTION:

E. J. BARBER
T. KWASNOSKI
T. E. Bard
R. D. GILMORE

SAMPLED BY _____ SUPERVISOR _____ DATE RELEASED 10/23/

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 9/22/78 To 9/29/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 787 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	16.3	0.19	0.006	0.020
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	5.5	0.06	<0.001	0.014
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	10.75	0.12	.003	0.020
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	6.25	0.07	0.014	<0.014
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	4.75	0.06	0.006	0.023
6	CABIN	1400 to 1400	8.5	85.7	F^-	4.5	0.05	<0.001	0.020

DISTRIBUTION:
E. J. BARBER
T. KWASNOSKI
T. E. Bard
R. D. GILMORE

SAMPLED BY _____ SUPERVISOR _____ DATE RELEASED 10/23/78

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1978	03	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						8	7	7	5	0			9	1	8	0	0			9	2	4	7	5			8	8	4	7	5							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	1	8	.	6			1	3	7	.	0			1	2	4	.	1				4	5	.	9						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					5	7	.	5				5	9	.	5				3	9	.	6				1	8	.	2						.			
	0	4	A	L	U	M	I	N	U	M			-	M	G			4	.						9	.						4	.						2	.							.			
0	0	5	C	A	L	C	I	U	M					↓			1	4	.					1	6	.						8	.						4	.							.			
0	0	6	C	H	R	O	M	I	U	M								0	.	0	3				0	.	0	6				0	.	0	2				0	.	0	1					.			
0	0	7	C	O	P	P	E	R										1	.						3	.						2	.						0	.	1						.			
0	0	8	I	R	O	N												0	.	6					1	.	5					0	.	0	4				0	.	0	2					.			
0	0	9	M	A	G	N	E	S	I	U	M							1	.						1	.						0	.	5					0	.	3						.			
0	1	0	M	A	N	G	A	N	E	S	E							0	.	0	3				0	.	0	3				0	.	0	2				0	.	0	0	8				.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.						0	.	0	0	1			0	.	0	0	1				.			
0	1	2	N	I	C	K	E	L										0	.	2					0	.	6					0	.	2					0	.	0	8					.			
0	1	3	L	E	A	D												0	.	1						.						0	.	0	8				0	.	0	4					.			
0	1	4	T	I	T	A	N	I	U	M								0	.	1					0	.	1					0	.	1					0	.	0	6					.			
0	1	5	V	A	N	A	D	I	U	M								0	.	0	2				0	.	0	1				0	.	0	2				0	.	0	0	8				.			
0	1	6	S	I	L	I	C	O	N									9	.					1	3	.						7	.						4	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
	2	1																	.							.							.							.							.			
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0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE

PARTICULATE AIR DATA

MONTH: 10 OCTOBER | YEAR: 1978 | FIRST DAY: 03 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						9	9	9	0	0			9	8	5	5	0			9	8	5	5	0		1	0	1	2	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	0	9	•	6			1	5	4	•	9			1	2	9	•	0				5	0	•	5						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					4	9	•	1				7	2	•	7				5	0	•	5				2	2	•	4						•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			5	•						5	•							4	•						2	•							•		
0	0	5	C	A	L	C	I	U	M					↓			1	0	•					1	8	•							8	•						4	•							•		
0	0	6	C	H	R	O	M	I	U	M								0	•	0	2				0	•	0	3					0	•	0	2				0	•	0	1						•		
0	0	7	C	O	P	P	E	R										0	•	7					1	•							2	•						0	•	3							•		
0	0	8	I	R	O	N												0	•	6					1	•							0	•	0	5				0	•	0	2						•		
0	0	9	M	A	G	N	E	S	I	U	M							1	•						1	•							0	•	5					0	•	3							•		
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	2				0	•	0	4					0	•	0	2				0	•	0	0	8					•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							0	•	0	0	2			0	•	0	0	1					•		
0	1	2	N	I	C	K	E	L										0	•	2					0	•	3						0	•	8					0	•	0	3						•		
0	1	3	L	E	A	D													•							•							0	•	1					0	•	0	4						•		
0	1	4	T	I	T	A	N	I	U	M								0	•	1					0	•	1						0	•	1					0	•	0	6						•		
0	1	5	V	A	N	A	D	I	U	M								0	•	0	2				0	•	0	1					0	•	0	2				0	•	0	0	8					•		
0	1	6	S	I	L	I	C	O	N									5	•						7	•						1	0	•					4	•								•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•		
	1	8																	•							•								•							•							•		
0	1	9																	•							•								•							•							•		
0	2	0																	•							•								•							•							•		
	2	1																	•							•								•							•							•		
0	2	2																	•							•								•							•							•		
0	2	3																	•							•								•							•							•		
0	2	4																	•							•								•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE:

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 10 OCTOBER | YEAR: 1978 | FIRST DAY: 03 | STAT. NO. 003 | LOCATION: EAST HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT^3	97200	98550	99900	97200	
002	TOTAL PART – MG	95.1	125.8	162.7	41.8	.
003	RESIDUE – MG	35.1	58.4	70.5	19.4	.
04	ALUMINUM – MG	1.8	4.	7.	2.	.
005	CALCIUM	4.	11.	14.	4.	.
006	CHROMIUM	0.02	0.02	0.03	0.01	.
007	COPPER	2.	0.8	7.	1.	.
008	IRON	0.3	0.5	0.07	0.02	.
009	MAGNESIUM	0.8	0.8	0.1	0.3	.
010	MANGANESE	0.03	0.02	0.03	0.01	.
011	MOLYBDENIUM	.	.	0.003	0.001	.
012	NICKEL	2.	5.	3.	0.2	.
013	LEAD	0.03	0.1	0.1	0.04	.
014	TITANIUM	0.1	0.1	0.2	0.06	.
015	VANADIUM	0.08	0.01	0.02	0.008	.
016	SILICON	4.	6.	14.	3.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R.l 'ark

COMPLETION DATE:

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1978	03	004	SOUTH HIVOL

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
J01	VOLUME – FT³	101250	95850	98550	97200	
002	TOTAL PART – MG	128.1	141.6	134.5	56.2	.
003	RESIDUE – MG	61.1	61.0	46.8	23.5	.
04	ALUMINUM – MG	9.	4.	3.	2.	.
005	CALCIUM ↓	14.	9.	9.	4.	.
006	CHROMIUM	0.06	0.03	0.02	0.01	.
007	COPPER	4.	1.	2.	0.5	.
008	IRON	1.5	1.	0.05	0.02	.
009	MAGNESIUM	3.	0.8	0.7	0.3	.
010	MANGANESE	0.06	0.02	0.02	0.008	.
011	MOLYBDENIUM	.	.	0.002	.	.
012	NICKEL	0.4	0.6	0.3	0.1	.
013	LEAD	0.1	0.01	0.09	0.04	.
014	TITANIUM	0.2	0.1	0.1	0.06	.
015	VANADIUM	0.04	0.01	0.02	0.008	.
016	SILICON	10.	9.	9.	4.	.
017	OTHERS FOUND	.	.	.	.	.
J18		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R.L. [illegible]rk

COMPLETION DATE:

UCN-12660
(1 5-78)

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 9/29/78 to 10/6/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 788 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL µg	CONCENTRATION µg F/M^3	µg U/M^3	µg Cr/M^3
1	K-901 PUMPHOUSE	1400 to 1400	8.5	85.7	F^-	5.75	0.07	0.003	0.020
2	K-1206-D TRAILER	1400 to 1400	8.5	85.7	F^-	30.0	0.35	0.001	0.029
3	RADIO TOWER	1400 to 1400	8.5	85.7	F^-	7.25	0.08	0.003	0.032
4	BLAIR ROAD	1400 to 1400	8.5	85.7	F^-	8.25	0.10	0.002	0.029
5	CREDIT UNION	1400 to 1400	8.5	85.7	F^-	4.25	0.05	<0.001	0.029
6	CABIN	1400 to 1400	8.5	85.7	F^-	2.5	0.03	<0.001	0.032

DISTRIBUTION:

E. J. BARBER
T. KWASNOSKI
T. E. Bard
R. D. GILMORE

SAMPLED BY _____ SUPERVISOR _____ DATE RELEASED 10/23/78

10/13/78

INDUSTRIAL HYGIENE FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 10/6/78 to 10/13/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 789 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	CONTAMINANT	TOTAL μg F	CONCENTRATION μg F/M^3	μg U/M^3	μg Cr/M^3
1	K-901 PUMPHOUSE	1400 to	8.5	85.7	F^-	—	—	—	—
	Could Not Get To Sample	1400							
	Gate Locked By Rust Const.								
2	K-1206-D TRAILER	1400 to	8.5	85.7	F^-	19.5	.23	0.018	0.026
		1400							
3	RADIO TOWER	1400 to	8.5	85.7	F^-	18.5	.22	0.008	0.026
		1400							
4	BLAIR ROAD	1400 to	8.5	85.7	F^-	4.0	0.05	0.009	0.020
		1400							
5	CREDIT UNION	1400 to	8.5	85.7	F^-	2.5	0.03	<0.001	0.026
		1400							
6	CABIN	1400 to	8.5	85.7	F^-	3.2	0.04	0.002	0.020
		1400							

DISTRIBUTION:

E. J. BARBER — T. E. Bard

T. KWASNOSKI — R. D. GILMORE

SAMPLED R. L. Clark SUPERVISOR _____ DATE RELEASED 11/6

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 10/20/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 790 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to	8.5	~~85.7~~					
	10/6/78 TO 10/20/78	1400		171.4	0.05	0.004	0.007		
2	K-1206-D Trailer	1400 to	8.5	85.7	0.27	0.048	<0.014		
	10/13/78 TO 10/20/78	1400							
3	Radio Tower	1400 to	8.5	85.7	0.24	0.045	0.020		
	"	1400							
4	Blair Road	1400 to	8.5	85.7	0.03	0.005	0.014		
	"	1400							
5	Credit Union	1400 to	8.5	85.7	<0.03	0.002	<0.014		
	"	1400							
6	Cabin	1400 to	8.5	85.7	0.03	<0.001	0.018		
	"	1400							
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED L. L. Clark SUPERVISOR _____ DATE RELEASED _____

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 10/27/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 791 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to	8.5	85.7	0.10	0.029	0.014		
	10/20/78 To 10/27/78	1400							
2	K-1206-D Trailer	1400 to	8.5	85.7	0.23	0.010	0.024		
		1400							
	"								
3	Radio Tower	1400 to	8.5	85.7	0.20	0.038	<0.014		
	"	1400							
4	Blair Road	1400 to	8.5	85.7	0.06	0.005	<0.014		
	"	1400							
5	Credit Union	1400 to	8.5	85.7	0.07	0.003	<0.014		
	"	1400							
6	Cabin	1400 to	8.5	85.7	0.06	0.006	<0.014		
	"	1400							
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY R. L. Clark SUPERVISOR _____ DATE RELEASED _____

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1978 | FIRST DAY: 04 | STAT. NO. 001 | LOCATION: WEST HIVOL

Code	Item (cols 4–16)	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
01	VOLUME – FT³	89100	88425	91125	98550	
002	TOTAL PART – MG	184.9	138.0	48.2	1.9	.
003	RESIDUE – MG	58.6	28.8	22.7	9.2	.
04	ALUMINUM – MG	4.	3.	3.	1.	.
005	CALCIUM ↓	8.	3.	4.	3.	.
006	CHROMIUM	0.05	0.03	0.02	0.02	.
007	COPPER	0.7	0.3	1.	0.2	.
008	IRON	0.7	0.4	0.4	0.2	.
009	MAGNESIUM	0.7	0.7	0.7	0.2	.
010	MANGANESE	0.01	0.01	0.3	0.008	.
011	MOLYBDENIUM	0.005	0.003	0.003	.	.
012	NICKEL	0.2	0.2	0.1	0.08	.
013	LEAD	0.1	0.08	0.06	0.1	.
014	TITANIUM	0.2	0.2	0.06	0.05	.
015	VANADIUM	0.02	0.02	0.009	0.01	.
016	SILICON	12.	4.	3.	1.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
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024		.	.	.	.	.
998	(PUNCH)					
~~999~~	~~(PUNCH)~~					

TECHNICIAN'S SIGNATURE: R.L CLARK

COMPLETION DATE: 1/2/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1978	04	002	NORTH HIVOL

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
01	VOLUME-FT^3	99900	98550	99900	99900	
002	TOTAL PART-MG	171.4	137.6	53.9	8.3	.
003	RESIDUE-MG	53.5	31.0	27.8	10.0	.
04	ALUMINUM -MG	4.	3.	3.	1.5	.
005	CALCIUM	8.	5.	5.	3.	.
006	CHROMIUM	0.05	0.03	0.03	0.03	.
007	COPPER	0.06	0.3	0.2	0.5	.
008	IRON	0.06	0.4	0.4	0.2	.
009	MAGNESIUM	0.4	0.7	0.7	0.2	.
010	MANGANESE	0.01	0.01	0.009	0.01	.
011	MOLYBDENIUM	0.005	0.003	.	0.008	.
012	NICKEL	0.2	0.2	0.09	0.08	.
013	LEAD	0.1	0.08	0.06	0.1	.
014	TITANIUM	0.1	0.2	0.02	0.06	.
015	VANADIUM	0.02	0.02	0.009	0.04	.
016	SILICON	11.	3.	3.	1.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
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024		.	.	.	.	.
998	(PUNCH)					
~~999~~	~~(PUNCH)~~					

TECHNICIAN'S SIGNATURE: R.L. CLARK

COMPLETION DATE: 1/2/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1978	04	003	EAST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3					1	0	1	2	5	0			9	8	5	5	0			9	9	9	0	0		1	0	1	2	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	8	3	.	8			1	3	7	.	0				4	9	.	5				8	6	.	4						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					6	8	.	2				2	9	.	5				2	6	.	8				8	9	.	8						.			
	0	4	A	L	U	M	I	N	U	M			-	M	G			5	.						2	.						2	.	6					2	.							.			
0	0	5	C	A	L	C	I	U	M					↓			1	0	.						3	.						4	.					1	3	.							.			
0	0	6	C	H	R	O	M	I	U	M								0	.	0	6				0	.	0	4				0	.	0	3				0	.	0	4					.			
0	0	7	C	O	P	P	E	R										0	.	8					0	.	8					2	.	6				2	2	.							.			
0	0	8	I	R	O	N												0	.	8					0	.	5					0	.	3	3				0	.	4						.			
0	0	9	M	A	G	N	E	S	I	U	M							0	.	3					1	.	0					0	.	7					0	.	4						.			
0	1	0	M	A	N	G	A	N	E	S	E							0	.	0	1				0	.	0	1				0	.	0	1				0	.	0	1					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M					0	.	0	0	6			0	.	0	0	2			0	.	0	0	3				.							.			
0	1	2	N	I	C	K	E	L										0	.	2					0	.	4					0	.	3					0	.	5						.			
0	1	3	L	E	A	D												0	.	1					0	.	0	8				0	.	0	6				0	.	2						.			
0	1	4	T	I	T	A	N	I	U	M								0	.	2					0	.	0	7				0	.	0	6				0	.	1						.			
0	1	5	V	A	N	A	D	I	U	M								0	.	0	2				0	.	0	1				0	.	0	1				0	.	0	4					.			
0	1	6	S	I	L	I	C	O	N								1	3	.						3	.						5	.						2	.	2						.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
~~9~~	~~9~~	~~9~~	~~(~~	~~P~~	~~U~~	~~N~~	~~C~~	~~H~~	~~)~~																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L CLARK

COMPLETION DATE: 1/2/79

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1978 | FIRST DAY: 04 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	1	V	O	L	U	M	E	-	F	T	3							9	9	9	0	0			9	9	9	0	0			9	6	5	2	5			9	8	5	5	0							
0	2	T	O	T	A	L		P	A	R	T	-	M	G			1	9	8	•	6			1	4	5	•	0				5	1	•	8					8	•	9							•		
0	3	R	E	S	I	D	U	E	-	M	G						6	8	•	3				3	6	•	0				2	8	•	1				2	2	•	3						•		
	4	A	L	U	M	I	N	U	M				-	M	G			7	•						4	•							3	•						2	•								•		
0	5	C	A	L	C	I	U	M						↓			1	0	•						5	•							5	•						5	•								•		
0	6	C	H	R	O	M	I	U	M									0	•	0	7				0	•	0	4				0	•	0	3				0	•	0	2						•		
0	7	C	O	P	P	E	R											0	•	7					0	•	2					1	•						0	•	4							•		
0	8	I	R	O	N													0	•	8					0	•	4					0	•	4					0	•	6							•		
0	9	M	A	G	N	E	S	I	U	M								1	•	5					0	•	9					0	•	6					0	•	3							•		
1	0	M	A	N	G	A	N	E	S	E								0	•	0	2				0	•	0	1				0	•	0	1				0	•	0	0	8					•		
1	1	M	O	L	Y	B	D	E	N	I	U	M						0	•	0	0	6			0	•	0	0	3			0	•	0	0	3				•									•		
1	2	N	I	C	K	E	L											0	•	3					0	•	2					0	•	3					0	•	2							•		
1	3	L	E	A	D													0	•	1					0	•	0	9				0	•	0	5				0	•	1							•		
1	4	T	I	T	A	N	I	U	M									0	•	2					0	•	0	9				0	•	0	8				0	•	0	4						•		
1	5	V	A	N	A	D	I	U	M									0	•	0	2				0	•	0	0	1			0	•	0	0	9			0	•	0	1						•		
1	6	S	I	L	I	C	O	N									1	3	•						5	•						3	•						2	•								•		
1	7	O	T	H	E	R	S		F	O	U	N	D						•							•							•							•								•		
1	8																		•							•							•							•								•		
1	9																		•							•							•							•								•		
2	0																		•							•							•							•								•		
	2	1																	•							•							•							•								•		
2	2																		•							•							•							•								•		
2	3																		•							•							•							•								•		
2	4																		•							•							•							•								•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R.L. CLARK

COMPLETION DATE: 1/2/79

UCN-12660 (1 5-78)

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 11/4/78 (8 days) BUILDING ROUTINE ☐ REPORT NO. 792

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 10/27/78 -11/4/78	1400 to	8.5	~~85.7~~	—	—	—		
	COULD NOT GET TO SAMPLE	1400							
	CONTINUED FOR 6 MORE DAYS								
2	K-1206-D Trailer 10/27/78- 11/4/78	1400 to	8.5	~~85.7~~	0.17	0.001	<0.013		
		1400		97.9					
3	Radio Tower 10/27/78- 11/10/78	1400 to	8.5	~~85.7~~	—	—	—		
	COULD NOT GET TO SAMPLE	1400							
	CONTINUED FOR 6 MORE DAYS								
4	Blair Road 10/27/78 – 11/4/78	1400 to	8.5	~~85.7~~	0.04	0.002	<0.013		
		1400		97.9					
5	Credit Union 10/27/78 - 11/4/78	1400 to	8.5	~~85.7~~	0.04	0.0002	<0.013		
		1400		97.9					
6	Cabin 10/27/78 – 11/4/78	1400 to	8.5	~~85.7~~	0.03	0.001	<0.013		
		1400		97.9					
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLER R. L. Clark SUPERVISOR J. McCall DATE RELEASED 11/2 8

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 11/10/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 793 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to	8.5	~~85.7~~					
	10/27/78 TO 11/10/78	1400		171.4	.092	.006	.010		
2	K-1206-D Trailer	1400 to	8.5	~~85.7~~					
	11/4/78 TO 11/10/78	1400		73.4	.300	.001	.027		
3	Radio Tower	1400 to	8.5	~~85.7~~					
	10/27/78 TO 11/10/78	1400		171.4	.160	.017	.010		
4	Blair Road	1400 to	8.5	~~85.7~~					
	11/4/78 TO 11/10/78	1400		73.4	.048	<.001	.024		
5	Credit Union	1400 to	8.5	~~85.7~~			.024		
	11/4/78 TO 11/10/78	1400		73.4	.136	.001			
6	Cabin	1400 to	8.5	~~85.7~~					
	11/4/78 TO 11/10/78	1400		73.4	.061	.001	.031		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED J. L. Clark SUPERVISOR _____ DATE RELEASED _____

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 11/17/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 194 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION 11/10/78 – 11/17/78	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	0.172	0.074	< 0.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	0.583	0.038	< 0.014		
3	Radio Tower	1400 to 1400	8.5	85.7	0.248	0.019	< 0.014		
4	Blair Road	1400 to 1400	8.5	85.7	0.084	0.010	< 0.014		
5	Credit Union	1400 to 1400	8.5	85.7	0.055	0.001	< 0.014		
6	Cabin	1400 to 1400	8.5	85.7	0.099	0.002	< 0.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR _____ DATE RELEASED _____

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1978 | FIRST DAY: 06 | STAT. NO.: 001 | LOCATION: WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						8	9	7	7	5			9	0	4	5	0			8	7	7	5	0			9	8	5	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	9	•	0			1	0	4	•	2				3	8	•	8				9	0	•	5							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					5	2	•	7				4	0	•	5				2	4	•	7				4	7	•	4						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			4	•						4	•							1	•						0	•	6						•			
0	0	5	C	A	L	C	I	U	M					↓				8	•						6	•							4	•						2	•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	6				0	•	0	1					0	•	0	1				0	•	0	2					•			
0	0	7	C	O	P	P	E	R										0	•	5					0	•	6						1	•	0					2	•							•			
0	0	8	I	R	O	N												0	•	7					0	•	4						0	•	2					1	•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	4					0	•	6						0	•	2					0	•	2						•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	1				0	•	0	2					0	•	0	1				0	•	0	1					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							0	•	0	2					•							•			
0	1	2	N	I	C	K	E	L										0	•	2					0	•	1						0	•	1					0	•	1						•			
0	1	3	L	E	A	D												0	•	1					0	•	1						0	•	0	8				0	•	2						•			
0	1	4	T	I	T	A	N	I	U	M								0	•	1					0	•	1						0	•	0	5				0	•	1						•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	2				0	•	0	1					0	•	0	1				0	•	0	2					•			
0	1	6	S	I	L	I	C	O	N									3	•						8	•							5	•						2	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•			
	1	8																	•							•								•							•							•			
0	1	9																	•							•								•							•							•			
0	2	0																	•							•								•							•							•			
	2	1																	•							•								•							•							•			
0	2	2																	•							•								•							•							•			
0	2	3																	•							•								•							•							•			
0	2	4																	•							•								•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 1/22/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1978 | FIRST DAY: 06 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1	2	3	4–15	16	17–18	19–20	21–23	24–25	26–30	31–32	33–36	37	38–39	40–44	45–51
	0	1	VOLUME-FT³			99	900	1	02600	1	01250		1	01250	
0	0	2	TOTAL PART-MG			48.9			53.7		52.9			56.2	
0	0	3	RESIDUE-MG		44	.1		4	2.2	3	5.6		1	4.1	
	0	4	ALUMINUM-MG			3.			4.		2.			2.	
0	0	5	CALCIUM			8.		1	0.		9.			3.	
0	0	6	CHROMIUM			0.04			0.02		0.01			0.008	
0	0	7	COPPER			0.4			0.2		0.5			0.8	
0	0	8	IRON			0.6			0.6		0.2			0.008	
0	0	9	MAGNESIUM			0.5			0.8		0.5			0.2	
0	1	0	MANGANESE			0.01			0.02		0.02			0.005	
0	1	1	MOLYBDENIUM			.			.		.			.	
0	1	2	NICKEL			0.3			0.3		0.1			0.2	
0	1	3	LEAD			0.4			0.1		0.09			0.1	
0	1	4	TITANIUM			0.1			0.1		0.09			0.05	
0	1	5	VANADIUM			0.02			0.01		0.01			0.01	
0	1	6	SILICON			3.		1	0.		7.			1.	
0	1	7	OTHERS FOUND			.			.		.			.	
	1	8				.			.		.			.	
0	1	9				.			.		.			.	
0	2	0				.			.		.			.	
	2	1				.			.		.			.	
0	2	2				.			.		.			.	
0	2	3				.			.		.			.	
0	2	4				.			.		.			.	
9	9	8	(PUNCH)												
9	9	9	(PUNCH)												

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/22/79

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1978 | FIRST DAY: 06 | STAT. NO. 003 | LOCATION: EAST HIVOL

Code (1–3)	Item (4–16)	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME-FT³	101250	101250	98550	101250	
002	TOTAL PART-MG	52.7	25.3	25.4	56.2	.
003	RESIDUE-MG	48.7	31.9	26.0	22.9	.
004	ALUMINUM -MG	3.	2.3	2.	2.	.
005	CALCIUM ↓	8.	5.	4.	4.	.
006	CHROMIUM	0.02	0.02	0.01	0.01	.
007	COPPER	2.	0.8	2.6	1.0	.
008	IRON	0.4	0.4	0.1	0.008	.
009	MAGNESIUM	0.4	0.5	0.2	0.1	.
010	MANGANESE	0.01	0.01	0.01	0.005	.
011	MOLYBDENIUM	.	.	0.02	0.008	.
012	NICKEL	1.	0.5	0.5	0.5	.
013	LEAD	0.8	0.2	0.1	0.1	.
014	TITANIUM	0.06	0.08	0.05	0.05	.
015	VANADIUM	0.02	0.009	0.008	0.008	.
016	SILICON	2.	5.	3.	3.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/22/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER — YEAR: 1978 — FIRST DAY: 06 — STAT. NO.: 004 — LOCATION: SOUTH HIVOL

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME-FT^3	98550	98550	99900	98550	
002	TOTAL PART-MG	57.7	43.0	48.5	46.0	.
003	RESIDUE-MG	40.8	43.1	29.8	11.0	.
04	ALUMINUM -MG	3.	4.	1.5	1.0	.
005	CALCIUM	8.	8.	3.	3.	.
006	CHROMIUM ↓	0.04	0.02	0.01	0.01	.
007	COPPER	0.6	0.4	1.0	0.8	.
008	IRON	0.7	0.3	0.1	0.3	.
009	MAGNESIUM	0.4	0.6	0.2	0.2	.
010	MANGANESE	0.01	0.02	0.02	0.003	.
011	MOLYBDENIUM	0.08	0.	.	.	.
012	NICKEL	0.2	0.2	0.1	0.01	.
013	LEAD	1.0	0.2	0.1	0.08	.
014	TITANIUM	0.1	0.1	0.05	0.05	.
015	VANADIUM	0.02	0.01	0.006	0.01	.
016	SILICON	3.	8.	4.	1.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/22/79

UCN-12660
(1 5-78)

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 12/1/78 BUILDING ROUTINE ☐ REPORT NO. 795

14 days 11/17/78 TO 12/1/78 SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to	8.5	~~85.7~~	.114	.004	.009		
		1400		171.4					
2	K-1206-D Trailer	1400 to	8.5	~~85.7~~	.175	.003	<.007		
		1400		171.4					
3	Radio Tower	1400 to	8.5	~~85.7~~	.233	.004	<.007		
		1400		171.4					
4	Blair Road	1400 to	8.5	~~85.7~~	.032	.001	.009		
		1400		171.4					
5	Credit Union	1400 to	8.5	~~85.7~~	.035	.001	<.007		
		1400		171.4					
6	Cabin	1400 to	8.5	~~85.7~~	.052	.001	.007		
		1400		171.4					
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY R. L. Clark SUPERVISOR DATE RELEASED

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 12/1/78 TO 12/8/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 796 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	0.117	0.004	< 0.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	0.172	0.009	< 0.014		
3	Radio Tower	1400 to 1400	8.5	85.7	0.236	0.005	< 0.014		
4	Blair Road	1400 to 1400	8.5	85.7	0.005	0.001	< 0.014		
5	Credit Union	1400 to 1400	8.5	85.7	0.058	0.001	< 0.014		
6	Cabin	1400 to 1400	8.5	85.7	0.052	0.002	< 0.014		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED B. R. L. Clark SUPERVISOR _____ DATE RELEASED _____

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 12/8/78 TO 12/15/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 797 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to	8.5	85.7					
		1400			No Sample				
2	K-1206-D Trailer	1400 to	8.5	85.7	0.088	0.006	< 0.014		
		1400							
3	Radio Tower	1400 to	8.5	85.7	0.204	0.007	< 0.014		
		1400							
4	Blair Road	1400 to	8.5	85.7	0.093	0.005	< 0.014		
		1400							
5	Credit Union	1400 to	8.5	85.7	0.041	0.001	< 0.014		
		1400							
6	Cabin	1400 to	8.5	85.7	0.047	0	< 0.014		
		1400							
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED B. R. L. Clark SUPERVISOR _____ DATE RELEASED _____

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 12/15/78 TO 12/22/78 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 79B REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	NO SAMPLE				
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	0.088	0.008	< 0.014		
3	Radio Tower	1400 to 1400	8.5	85.7	0.283	0.019	< 0.014		
4	Blair Road	1400 to 1400	8.5	85.7	0.044	0.003	< 0.014		
5	Credit Union	1400 to 1400	8.5	85.7	0.029	0.001	< 0.014		
6	Cabin	1400 to 1400	8.5	85.7	0.032	0.001	< 0.014		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED R. L. Clark SUPERVISOR _____ DATE RELEASED _____

PARTICULATE AIR DATA

MONTH: 01 JANUARY | YEAR: 1979 | FIRST DAY: 07 | STAT. NO.: 001 | LOCATION: WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						8	9	7	7	5	NO Sample									9	2	4	7	5			9	4	5	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			1	7	•	4						•				1	2	0	•	2			4	1	•	9						•		
0	0	3	R	E	S	I	D	U	E	-	M	G						4	•	7						•					6	4	•	1			1	2	•	2						•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			0	•	5						•					1	5	•					2	•							•		
0	0	5	C	A	L	C	I	U	M					↓				2	•							•						8	•					2	•							•		
0	0	6	C	H	R	O	M	I	U	M								0	•	0	1					•						0	•	0	8			0	•	0	1					•		
0	0	7	C	O	P	P	E	R										0	•	5						•						1	•	5				0	•	4						•		
0	0	8	I	R	O	N												0	•	5						•						1	•					0	•	5						•		
0	0	9	M	A	G	N	E	S	I	U	M							0	•	0	5					•						0	•	1				0	•	1						•		
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	0	2				•						0	•	0	0	2		0	•	0	2					•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M					0	•	0	0	1				•						0	•	0	0	1		0	•	0	0	2				•		
0	1	2	N	I	C	K	E	L										0	•	0	3					•						0	•	1	5			0	•	0	3					•		
0	1	3	L	E	A	D												0	•	1						•						0	•	2				0	•	0	8					•		
0	1	4	T	I	T	A	N	I	U	M								0	•	0	2					•						0	•	0	4			0	•	0	4					•		
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	4				•						0	•	0	0	8		0	•	0	0	8				•		
0	1	6	S	I	L	I	C	O	N									0	•	8						•					1	2	•					1	•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8																	•							•							•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
0	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. CLARK

COMPLETION DATE: 3/15/79

7-15-23-31

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1979	07	002	NORTH HIVOL

Code	Parameter	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44
001	VOLUME – FT³	100575	102600	101250	101250
002	TOTAL PART – MG	4.9	53.8	172.4	50.9
003	RESIDUE – MG	8.7	32.2	94.9	17.4
004	ALUMINUM – MG	0.7	2.	15.	3.
005	CALCIUM ↓	2.	4.	10.	3.
006	CHROMIUM	0.01	0.04	0.1	0.01
007	COPPER	0.3	0.1	0.2	0.5
008	IRON	0.3	1.	2.	1.
009	MAGNESIUM	0.07	0.1	1.	0.2
010	MANGANESE	0.002	0.002	0.005	0.03
011	MOLYBDENIUM	0.002	0.001	0.002	0.002
012	NICKEL	0.03	0.05	1.	0.03
013	LEAD	0.1	0.1	0.2	0.1
014	TITANIUM	0.02	0.04	0.05	0.06
015	VANADIUM	0.005	0.004	0.01	0.008
016	SILICON	2.	4.	20.	2.
017	OTHERS FOUND				
018					
019					
020					
21					
022					
023					
024					
998	(PUNCH)				
999	(PUNCH)				

TECHNICIAN'S SIGNATURE: R.L. ^ ARK

COMPLETION DATE: 3/15/79

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 01 JANUARY | YEAR: 1979 | FIRST DAY: 07 | STAT. NO.: 003 | LOCATION: EAST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3					1	0	1	2	5	0		1	0	1	2	5	0			9	8	5	5	0			9	8	5	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			2	9	•	7				5	4	•	0				7	3	•	0				6	3	•	6						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	8	•	0				3	7	•	6			3	0	•	9				3	0	•	5						•		
J	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•						4	•						2	•						6	•								•		
0	0	5	C	A	L	C	I	U	M					↓				6	•						4	•						4	•						6	•								•		
0	0	6	C	H	R	O	M	I	U	M								0	•	0	2				0	•	0	4				0	•	0	3				0	•	0	2						•		
0	0	7	C	O	P	P	E	R										7	•						0	•	4					1	•						3	•								•		
0	0	8	I	R	O	N												0	•	5					0	•	7					1	•						1	•								•		
0	0	9	M	A	G	N	E	S	I	U	M							0	•	0	7				0	•	0	9				0	•	1					0	•	4							•		
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	0	2			0	•	0	0	3			0	•	0	0	3			0	•	0	3						•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M					0	•	0	0	1			0	•	0	0	1			0	•	0	0	1			0	•	0	0	2					•		
0	1	2	N	I	C	K	E	L										0	•	0	8				0	•	0	7				0	•	3					0	•	3							•		
0	1	3	L	E	A	D												0	•	1					0	•	0	9				0	•	1					0	•	2							•		
0	1	4	T	I	T	A	N	I	U	M								0	•	0	2				0	•	0	3				0	•	0	3				0	•	0	6						•		
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	4			0	•	0	0	4			0	•	0	0	3			0	•	0	0	8					•		
0	1	6	S	I	L	I	C	O	N									1	•						2	•						2	•						4	•								•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•		
J	1	8																	•							•							•							•								•		
0	1	9																	•							•							•							•								•		
0	2	0																	•							•							•							•								•		
J	2	1																	•							•							•							•								•		
0	2	2																	•							•							•							•								•		
0	2	3																	•							•							•							•								•		
0	2	4																	•							•							•							•								•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L CLARK

COMPLETION DATE: 3/15/79

PARTICULATE AIR DATA

MONTH: 01 JANUARY | YEAR: 1979 | FIRST DAY: 07 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						9	8	5	5	0			9	8	5	5	0			9	8	5	5	0			9	8	5	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				9	•	7				7	9	•	9				9	3	•	5				4	7	•	4							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	0	•	7				4	5	•	8				4	4	•	7				1	3	•	0						•			
J	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•						4	•						1	0	•						2	•							•			
0	0	5	C	A	L	C	I	U	M					↓				2	•						6	•						1	5	•						2	•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	2				0	•	0	3				0	•	8					0	•	0	1						•			
0	0	7	C	O	P	P	E	R										0	•	4					0	•	5					2	•						0	•	4							•			
0	0	8	I	R	O	N												0	•	2					1	•						2	•						0	•	5							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	0	5				0	•	1					1	•						0	•	1							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	0	2			0	•	0	0	4			0	•	0	0	6			0	•	0	2						•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M					0	•	0	0	1			0	•	0	0	1			0	•	0	0	2			0	•	0	0	2					•			
0	1	2	N	I	C	K	E	L										0	•	0	4				0	•	0	5				0	•	0	6				0	•	0	2						•			
0	1	3	L	E	A	D												0	•	1					0	•	1					0	•	2					0	•	1							•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	2				0	•	0	4				0	•	0	4				0	•	0	4						•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	4			0	•	0	0	4			0	•	0	0	5			0	•	0	0	8					•			
0	1	6	S	I	L	I	C	O	N									2	•						4	•						5	•						1	•								•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•			
J	1	8																	•							•							•							•								•			
0	1	9																	•							•							•							•								•			
0	2	0																	•							•							•							•								•			
J	2	1																	•							•							•							•								•			
0	2	2																	•							•							•							•								•			
0	2	3																	•							•							•							•								•			
0	2	4																	•							•							•							•								•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. CLARK

COMPLETION DATE: 3/15/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 12/22/78 TO 1/5/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 799 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 12/1/78 TO 1/5/79	1400 to	8.5	~~85.7~~	.058	.002	<.014		
		1400		428.4					
2	K-1206-D Trailer 12/22/78 TO 1/5/79	1400 to	8.5	~~85.7~~	.089	.008	<.014		
		1400		171.4					
3	Radio Tower NO SAMPLE	1400 to	8.5	~~85.7~~	—	—	—		
		1400							
4	Blair Road 12/22/78 TO 1/5/79	1400 to	8.5	~~85.7~~	<.030	<.001	<.014		
		1400		171.4					
5	Credit Union 12/22/78 TO 1/5/79	1400 to	8.5	~~85.7~~	<.030	<.001	<.014		
		1400		171.4					
6	Cabin 12/22/78 TO 1/5/79	1400 to	8.5	~~85.7~~	.047	.002	<.014		
		1400		171.4					
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY K. J. Clark SUPERVISOR _____ DATE RELEASED 1/31/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 1/5/79 TO 1/11/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 800 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 1/5/79 TO 1/11/79	1400 to 1400	8.5	~~85.7~~ 73.4	.054	.004	<.017		
2	K-1206-D Trailer 1/5/79 TO 1/11/79	1400 to 1400	8.5	~~85.7~~ 73.4	.116	.020	<.017		
3	Radio Tower 12/22/78 TO 1/11/79	1400 to 1400	8.5	~~85.7~~ 244.8	.143	.011	<.017		
4	Blair Road 1/5/79 TO 1/11/79	1400 to 1400	8.5	~~85.7~~ 73.4	.163	.005	.031		
5	Credit Union 1/5/79 TO 1/11/79	1400 to 1400	8.5	~~85.7~~ 73.4	.221	.005	<.017		
6	Cabin 1/5/79 TO 1/11/79	1400 to 1400	8.5	~~85.7~~ 73.4	.106	.002	<.017		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

W. L. Clark SUPERVISOR 1/11/

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 1/19/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 801 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 1/11/79 – 1/19/79	1400 to	8.5	~~85.7~~	.110	.006	<.014		
		1400		97.9					
2	K-1206-D Trailer 1/11/79 – 1/19/79	1400 to	8.5	~~85.7~~	.059	.005	<.014		
		1400		97.9					
3	Radio Tower 1/11/79 – 1/19/79	1400 to	8.5	~~85.7~~	.133	.014	<.014		
		1400		97.9					
4	Blair Road 1/11/79 – 1/19/79	1400 to	8.5	~~85.7~~	<.030	.010	<.014		
		1400		97.9					
5	Credit Union 1/11/79 – 1/19/79	1400 to	8.5	~~85.7~~	<.030	.001	<.014		
		1400		97.9					
6	Cabin 1/11/79 – 1/19/79	1400 to	8.5	~~85.7~~	<.030	<.001	<.014		
		1400		97.9					
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY D. J. Clark SUPERVISOR _____ DATE RELEASED 3/14/79

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01JANUARY          1979GASEØUS  FLUØRIDE05
  01K-901  PUMPHØUSE    0.058  0.054   0.110
002K-1206D  TRAILER     0.089  0.116   0.059
003RADIØ  TØWER                0.143   0.133
004BLAIR  RØAD        -0.030  0.163-  0.030
005CREDIT  UNIØN      -0.030  0.221-  0.030
006WATTS  BAR  CABIN    0.047  0.106-  0.030
998
01JANUARY          1979URANIUM          05
001K-901  PUMPHØUSE    0.002  0.004   0.006
002K-1206D  TRAILER    0.008  0.020   0.005
003RADIØ  TØWER                0.011   0.014
004BLAIR  RØAD        -0.001  0.005   0.010
005CREDIT  UNIØN      -0.001  0.005   0.001
006WATTS  BAR  CABIN    0.002  0.002-  0.001
998
01JANUARY          1979CHRØMIUM         05
001K-901  PUMPHØUSE   -0.014 -0.017-  0.014
  02K-1206D  TRAILER  -0.014 -0.017-  0.014
003RADIØ  TØWER               -0.017-  0.014
004BLAIR  RØAD        -0.014  0.031-  0.014
005CREDIT  UNIØN      -0.014 -0.017-  0.014
006WATTS  BAR  CABIN  -0.014 -0.017-  0.014
999
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UC 30B
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
02 FEBRUARY	1979	08	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	7	2	0	0			9	4	5	0	0			9	7	2	0	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	9	3	•	5			1	2	5	•	8				3	7	•	4						•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					6	7	•	8				2	0	•	5					9	•	7						•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G		1	3	•						3	•						2	•							•							•			
0	0	5	C	A	L	C	I	U	M					↓			1	0	•						3	•						2	•							•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	4				0	•	0	2				0	•	0	1					•							•			
0	0	7	C	O	P	P	E	R										0	•	6					0	•	1					0	•	6						•							•			
0	0	8	I	R	O	N													•						0	•	8					0	•	5						•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	6					0	•	2					0	•	1						•							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	6				0	•	0	3				0	•	0	0	2				•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M					0	•	0	0	2			0	•	0	0	2			0	•	0	0	2				•							•			
0	1	2	N	I	C	K	E	L										0	•	0	6				0	•	2					0	•	0	4					•							•			
0	1	3	L	E	A	D												0	•	3					0	•	3					0	•	3						•							•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	8				0	•	0	2				0	•	0	1					•							•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	1				0	•	0	0	8			0	•	0	0	8				•							•			
0	1	6	S	I	L	I	C	O	N								1	3	•						3	•						2	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. [illegible] Clark

COMPLETION DATE: 4/16/79

PARTICULATE AIR DATA

MONTH: 02 FEBRUARY | YEAR: 1979 | FIRST DAY: 08 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	–	F	T	3						9	9	9	0	0		1	0	1	2	5	0		1	0	1	2	5	0														
0	0	2	T	O	T	A	L		P	A	R	T	–	M	G		1	8	8	•	0			1	4	5	•	7				3	2	•	4						•							•		
0	0	3	R	E	S	I	D	U	E	–	M	G					5	8	•	8				3	5	•	6					5	•	0						•							•			
0	0	4	A	L	U	M	I	N	U	M			–	M	G			9	•						7	•						1	•							•							•			
0	0	5	C	A	L	C	I	U	M					↓			1	0	•						5	•						1	•							•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	3				0	•	0	1				0	•	0	1					•							•			
0	0	7	C	O	P	P	E	R										0	•	6					0	•	6					0	•	2						•							•			
0	0	8	I	R	O	N													•						1	•						0	•	3						•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	6					0	•	4					0	•	0	5					•							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	6				0	•	0	3				0	•	0	0	1				•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M					0	•	0	0	6			0	•	0	0	2			0	•	0	0	2				•							•			
0	1	2	N	I	C	K	E	L										0	•	0	6				0	•	0	3				0	•	0	1					•							•			
0	1	3	L	E	A	D													•						0	•	1					0	•	2						•							•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	8				0	•	0	4				0	•	0	0	7				•							•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	1				0	•	0	0	8			0	•	0	0	4				•							•			
0	1	6	S	I	L	I	C	O	N									7	•						7	•						1	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 4/16/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
02 FEBRUARY	1979	08	003	EAST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	–	F	T	3					1	0	1	2	5	0			9	7	2	0	0			9	8	5	5	0														
0	0	2	T	O	T	A	L		P	A	R	T	–	M	G		1	5	2	•	7			1	3	9	•	8				3	5	•	9						•							•		
0	0	3	R	E	S	I	D	U	E	–	M	G					3	1	•	6				3	2	•	3					7	•	4						•							•			
0	0	4	A	L	U	M	I	N	U	M			–	M	G			4	•						6	•						1	•	5						•							•			
0	0	5	C	A	L	C	I	U	M					↓				5	•						5	•						1	•							•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	2				0	•	0	5				0	•	0	0	7				•							•			
0	0	7	C	O	P	P	E	R										4	•						0	•	8					1	•							•							•			
0	0	8	I	R	O	N												1	•						2	•						0	•	0	1					•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	0	4				0	•	6					0	•	0	5					•							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	0	2			0	•	0	3				0	•	0	0	1				•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•						0	•	0	0	2			0	•	0	0	2				•							•			
0	1	2	N	I	C	K	E	L										0	•	3					0	•	3					0	•	0	5					•							•			
0	1	3	L	E	A	D												0	•	2						•						0	•	2						•							•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	5				0	•	0	4				0	•	0	1					•							•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	8			0	•	0	0	8			0	•	0	0	4				•							•			
0	1	6	S	I	L	I	C	O	N									3	•						6	•						1	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 4/16/79

PARTICULATE AIR DATA

MONTH: 02 FEBRUARY | YEAR: 1979 | FIRST DAY: 08 | STAT. NO. 004 | LOCATION: SOUTH HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT³	98550	98550	98550		
002	TOTAL PART – MG	161.3	139.8	34.3	.	.
003	RESIDUE – MG	27.2	31.7	7.1	.	.
004	ALUMINUM – MG	4.	4.	1.	.	.
005	CALCIUM ↓	3.	4.	2.	.	.
006	CHROMIUM	0.01	0.01	0.01	.	.
007	COPPER	0.4	0.3	1.	.	.
008	IRON	1.	0.5	0.01	.	.
009	MAGNESIUM	0.2	0.2	0.05	.	.
010	MANGANESE	0.03	0.03	0.003	.	.
011	MOLYBDENIUM	0.002	0.002	0.001	.	.
012	NICKEL	0.03	0.2	0.1	.	.
013	LEAD	0.2	0.1	0.2	.	.
014	TITANIUM	0.04	0.8	0.01	.	.
015	VANADIUM	0.008	0.01	0.004	.	.
016	SILICON	4.	4.	1.	.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: K. Clark

COMPLETION DATE: 4/16/79

UCN-12660
(1 5-78)

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 2/2/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT No. 802 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 1/19/79-2/2/79	1400 to	8.5	~~85.7~~	<.030	.001	<.014		
		1400		171.4					
2	K-1206-D Trailer 1/19/79-2/2/79	1400 to	8.5	~~85.7~~	.057	.002	<.014		
		1400		171.4					
3	Radio Tower 1/19/79-2/2/79	1400 to	8.5	~~85.7~~	.055	<.001	<.014		
		1400		171.4					
4	Blair Road 1/19/79-2/2/79	1400 to	8.5	~~85.7~~	<.030	<.001	<.014		
		1400		171.4					
5	Credit Union 1/19/79-2/2/79	1400 to	8.5	~~85.7~~	<.030	<.001	<.014		
		1400		171.4					
6	Cabin 1/19/79-2/2/79	1400 to	8.5	~~85.7~~	<.030	<.001	<.014		
		1400		171.4					

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR _____ DATE RELEASED 3/14/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 2/16/79 BUILDING ROUTINE ☑ REPORT NO: 803

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 2/2/79 - 2/16/79	1400 to 1400	8.5	~~85.7~~ 171.3	.124	.002	<.014		
2	K-1206-D Trailer 2/2/79 - 2/16/79	1400 to 1400	8.5	~~85.7~~ 171.3	.379	.008	<.014		
3	Radio Tower 2/2/79 - 2/16/79	1400 to 1400	8.5	~~85.7~~ 171.3	.089	.003	<.014		
4	Blair Road 2/2/79 - 2/16/79	1400 to 1400	8.5	~~85.7~~ 171.3	.030	.002	<.014		
5	Credit Union 2/2/79 - 2/16/79	1400 to 1400	8.5	~~85.7~~ 171.3	<.030	<.001	<.014		
6	Cabin 2/2/79 - 2/16/79	1400 to 1400	8.5	~~85.7~~ 171.3	<.030	<.001	<.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY T. L. Clark SUPERVISOR DATE RELEASED 3/14/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 2/23/79 BUILDING _____ ROUTINE ☑ REPORT NO. 804

SPECIAL ☐ REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 2/16/79 — 2/23/79	1400 to 1400	8.5	85.7	.282	.012	.018		
2	K-1206-D Trailer 2/16/79 - 2/23/79	1400 to 1400	8.5	85.7	.583	.012	<.014		
3	Radio Tower 2/16/79 — 2/23/79	1400 to 1400	8.5	85.7	.216	.038	<.014		
4	Blair Road 2/16/79 — 2/23/79	1400 to 1400	8.5	85.7	.079	<.001	<.014		
5	Credit Union 2/16/79 — 2/23/79	1400 to 1400	8.5	85.7	.070	.001	<.014		
6	Cabin 2/16/79 — 2/23/79	1400 to 1400	8.5	85.7	.067	<.001	<.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY K.L. Clark SUPERVISOR L. S. McCall DATE RELEASED 3/27/79

```
02FEBRUARY      1979GASEØUS  FLUØRIDE02
  01K-901  PUMPHØUSE  -0.030  0.124  0.282
0002K-1206D  TRAILER    0.057  0.379  0.583
0003RADIØ  TØWER        0.055  0.089  0.216
0004BLAIR  RØAD        -0.030  0.030  0.079
0005CREDIT  UNIØN      -0.030 -0.030  0.070
0006WATTS  BAR  CABIN  -0.030 -0.030  0.067
0007WIND  VANE  P                     0.110
0008WIND  VANE  B                     0.069
998
02FEBRUARY      1979URANIUM                02
0001K-901  PUMPHØUSE    0.001  0.002  0.012
0002K-1206D  TRAILER    0.002  0.008  0.012
0003RADIØ  TØWER       -0.001  0.003  0.038
0004BLAIR  RØAD        -0.001  0.002 -0.001
  05CREDIT  UNIØN      -0.001 -0.001  0.001
0006WATTS  BAR  CABIN  -0.001 -0.001 -0.001
998
  2FEBRUARY      1979CHRØMIUM               02
0001K-901  PUMPHØUSE  -0.014 -0.014  0.018
0002K-1206D  TRAILER  -0.014 -0.014 -0.014
0003RADIØ  TØWER      -0.014 -0.014 -0.014
0004BLAIR  RØAD       -0.014 -0.014 -0.014
0005CREDIT  UNIØN     -0.014 -0.014 -0.014
0006WATTS  BAR  CAB   -0.014 -0.014 -0.014
999
```

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
03 MARCH	1979	04	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	7	2	0	0			9	1	8	8	0			9	5	8	5	0			9	5	8	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				2	•	6				8	9	•	9			1	3	5	•	7				2	4	•	3						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	7	•	2				2	0	•	3				2	2	•	7				3	1	•	3						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						2	•						2	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓				2	•						4	•						4	•						4	•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	2				0	•	0	1				0	•	0	2				0	•	5						•			
0	0	7	C	O	P	P	E	R										0	•	3					0	•	1					0	•	3					1	•							•			
0	0	8	I	R	O	N												0	•	4					1	•						1	•						1	•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	1					0	•	1					0	•	1					0	•	1						•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	0	2			0	•	0	3				0	•	0	3				0	•	6						•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L										0	•	0	2				0	•	0	3				0	•	0	6				0	•	0	5					•			
0	1	3	L	E	A	D												0	•	1	0				0	•	2					0	•	2					0	•	5						•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	2				0	•	0	5				0	•	0	4				0	•	1						•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	6			0	•	0	0	8			0	•	0	0	8			0	•	0	0	8				•			
0	1	6	S	I	L	I	C	O	N									3	•						3	•						4	•						4	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 4/20/79

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1979 | FIRST DAY: 04 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	9	9	0	0			9	9	9	0	0		1	0	1	2	5	0		1	0	1	2	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				4	•	2			1	1	0	•	2			1	5	5	•	8				4	0	•	7						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	3	•	9				3	5	•	9				4	0	•	9				4	4	•	5						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						3	•						4	•						4	•							•			
0	0	5	C	A	L	C	I	U	M					↓				2	•						8	•					1	0	•						5	•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	2				0	•	0	1				0	•	0	2				0	•	5						•			
0	0	7	C	O	P	P	E	R										0	•	5					0	•	3					0	•	4					1	•							•			
0	0	8	I	R	O	N												0	•	5					1	•	5					2	•						3	•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	0	8				0	•	2					0	•	2					0	•	0	9					•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	0	2			0	•	0	2				0	•	0	4				0	•	0	6					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L										0	•	0	2				0	•	0	7				0	•	1					2	•							•			
0	1	3	L	E	A	D												0	•	1					0	•	3					0	•	3					0	•	5						•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	0	8			0	•	0	6				0	•	0	4				0	•	1						•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	5			0	•	0	0	9			0	•	0	1	0			0	•	0	0	8				•			
0	1	6	S	I	L	I	C	O	N									3	•						5	•						4	•						5	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 4/20/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
03 MARCH	1979	04	003	EAST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	8	5	5	0			9	7	2	0	0			9	9	9	0	0			9	9	9	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			3	1	•	9				9	7	•	1			1	4	1	•	2				3	1	•	0						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					4	3	•	1				2	5	•	0				3	7	•	0				3	9	•	2						•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•						3	•						3	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓				4	•						5	•						9	•						4	•							•			
0	0	6	C	H	R	O	M	I	U	M				↓				0	•	0	4				0	•	0	1				0	•	0	2				0	•	8						•			
0	0	7	C	O	P	P	E	R									1	0	•						1	•						3	•						1	•							•			
0	0	8	I	R	O	N												1	•						1	•						1	•						4	•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	1					0	•	1					0	•	2					0	•	0	8					•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	0	4			0	•	0	2				0	•	0	4				0	•	0	4					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M					0	•	0	0	4			0	•	0	0	4			0	•	0	0	4			0	•	0	0	2				•			
0	1	2	N	I	C	K	E	L										0	•	2					1	•						2	•						3	•							•			
0	1	3	L	E	A	D												0	•	2					0	•	2					0	•	3					0	•	5						•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	2				0	•	0	4				0	•	0	2				0	•	1						•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	6			0	•	0	0	8			0	•	0	0	8			0	•	0	0	8				•			
0	1	6	S	I	L	I	C	O	N									6	•						3	•						2	•						4	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 4/20/79

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1979 | FIRST DAY: 04 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						9	7	8	7	5			9	8	5	5	0			9	9	9	0	0		1	0	1	2	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			1	1	•	5				9	2	•	7			1	3	4	•	2			3	9	•	1							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	5	•	2				2	3	•	7			2	0	•	0				3	9	•	1							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	5					2	•						2	•						4	•								•		
0	0	5	C	A	L	C	I	U	M					↓				1	•	5					4	•						4	•						5	•								•		
0	0	6	C	H	R	O	M	I	U	M								0	•	0	1	5			0	•	0	1				0	•	0	1				0	•	8							•		
0	0	7	C	O	P	P	E	R										0	•	4					0	•	2					1	•	0					0	•	7							•		
0	0	8	I	R	O	N												0	•	2					0	•	8					0	•	8					1	•								•		
0	0	9	M	A	G	N	E	S	I	U	M							0	•	0	7				0	•	1					0	•	1					0	•	1							•		
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	0	2			0	•	0	3				0	•	0	3				0	•	0	6						•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•								•		
0	1	2	N	I	C	K	E	L										0	•	0	2				0	•	0	6				0	•	2					0	•	0	9						•		
0	1	3	L	E	A	D												0	•	2					0	•	2					0	•	2					0	•	5							•		
0	1	4	T	I	T	A	N	I	U	M								0	•	0	1				0	•	0	4				0	•	0	4				0	•	1							•		
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	4			0	•	0	0	8			0	•	0	0	8			0	•	0	0	8					•		
0	1	6	S	I	L	I	C	O	N									3	•						3	•						3	•						5	•								•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•		
	1	8																	•							•							•							•								•		
0	1	9																	•							•							•							•								•		
0	2	0																	•							•							•							•								•		
	2	1																	•							•							•							•								•		
0	2	2																	•							•							•							•								•		
0	2	3																	•							•							•							•								•		
0	2	4																	•							•							•							•								•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 4/20/79

UCN-12660
(1 5-78)

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 3/2/79 BUILDING _____ ROUTINE ☑ SPECIAL ☐ REPORT NO. 805 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 2/23/79 – 3/2/79	1400 to 1400	8.5	85.7	.117	.002	.018		
2	K-1206-D Trailer 2/23/79 – 3/2/79	1400 to 1400	8.5	85.7	.233	.006	.014		
3	Radio Tower 2/23/79 – 3/2/79	1400 to 1400	8.5	85.7	.175	.002	< .014		
4	Blair Road 2/23/79 – 3/2/79	1400 to 1400	8.5	85.7	.114	.001	< .014		
5	Credit Union 2/23/79 – 3/2/79	1400 to 1400	8.5	85.7	<.030	< .001	< .014		
6	Cabin 2/23/79 – 3/2/79	1400 to 1400	8.5	85.7	<.030	.001	< .014		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY K. L. Clark SUPERVISOR J. McCall DATE RELEASED 3/27/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 3/9/79 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 806 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 3/2/79 — 3/9/79	1400 to 1400	8.5	85.7	.163	.003	.023		
2	K-1206-D Trailer " "	1400 to 1400	8.5	85.7	.758	.001	<.014		
3	Radio Tower " "	1400 to 1400	8.5	85.7	.327	.003	<.014		
4	Blair Road " "	1400 to 1400	8.5	85.7	.056	.003	<.014		
5	Credit Union " "	1400 to 1400	8.5	85.7	.041	.002	<.014		
6	Cabin " "	1400 to 1400	8.5	85.7	.076	.001	<.014		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY R. L. Clark SUPERVISOR A. McCall DATE RELEASED 3/27/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 3/16/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 807 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 3/9/79 – 3/16/79	1400 to 1400	8.5	85.7	.052	.008	.052		
2	K-1206-D Trailer 3/9/79 – 3/16/79	1400 to 1400	8.5	85.7	.125	.016	.125		
3	Radio Tower 3/9/79 – 3/16/79	1400 to 1400	8.5	85.7	.044	.004	.044		
4	Blair Road 3/9/79 – 3/16/79	1400 to 1400	8.5	85.7	<.030	.002	<.029		
5	Credit Union 3/9/79 – 3/16/79	1400 to 1400	8.5	85.7	<.030	.001	<.029		
6	Cabin 3/9/79 – 3/16/79	1400 to 1400	8.5	85.7	.038	.002	.038		

DISTRIBUTION:

E. J. Barber — T. E. Bard

T. Kwasnoski — R. D. Gilmore

SAMPLED BY R.L. Clark SUPERVISOR J. McCall DATE RELEASED 4/16/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 3/23/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 808 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 3/16/79 - 3/23/79	1400 to 1400	8.5	85.7	.228	—	.018		
2	K-1206-D Trailer 3/16/79 - 3/23/79	1400 to 1400	8.5	85.7	.350	.001	.020		
3	Radio Tower 3/16/79 - 3/23/79	1400 to 1400	8.5	85.7	.467	.005	.020		
4	Blair Road 3/16/79 - 3/23/79	1400 to 1400	8.5	85.7	.062	<.001	.020		
5	Credit Union 3/16/79 - 3/23/79	1400 to 1400	8.5	85.7	<.030	.001	.020		
6	Cabin 3/16/79 - 3/23/79	1400 to 1400	8.5	85.7	.041	<.001	.023		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR L. McCall DATE RELEASED 4/16/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 3/30/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 809 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 3/23/79-3/30/79	1400 to 1400	8.5	85.7	.117	.001	.018		
2	K-1206-D Trailer 3/23/79-3/30/79	1400 to 1400	8.5	85.7	.140	.015	.020		
3	Radio Tower 3/23/79-3/30/79	1400 to 1400	8.5	85.7	.122	.002	<.014		
4	Blair Road 3/23/79-3/30/79	1400 to 1400	8.5	85.7	<.030	.001	.014		
5	Credit Union 3/23/79-3/30/79	1400 to 1400	8.5	85.7	<.030	.003	<.014		
6	Cabin 3/23/79-3/30/79	1400 to 1400	8.5	85.7	<.030	.001	<.014		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY Clark SUPERVISOR D J McCall DATE RELEASED 4/16/79

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
0	3	M	A	R	C	H								1	9	7	9	G	A	S	E	Ø	U	S		F	L	U	Ø	R	I	D	E	0	2																																
	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	1	1	7		0	.	1	6	3		0	.	0	5	2		0	.	2	2	8		0	.	1	1	7																	
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	2	3	3		0	.	7	5	8		0	.	1	2	5		0	.	3	5	0		0	.	1	4	0																	
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	1	7	5		0	.	3	2	7		0	.	0	4	4		0	.	4	6	7		0	.	1	2	2																	
0	0	4	B	L	A	I	R		R	Ø	A	D								0	.	1	1	4		0	.	0	5	6	-	0	.	0	3	0		0	.	0	6	2	-	0	.	0	3	0																	
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N					-	0	.	0	3	0		0	.	0	4	1	-	0	.	0	3	0	-	0	.	0	3	0	-	0	.	0	3	0																	
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N		-	0	.	0	3	0		0	.	0	7	6		0	.	0	3	8		0	.	0	4	1	-	0	.	0	3	0																	
0	0	7	W	I	N	D		V	A	N	E		P																									0	.	2	5																						
0	0	8	W	I	N	D		V	A	N	E		B																									0	.	9	2																						
9	9	8																																																														
0	3	M	A	R	C	H								1	9	7	9	U	R	A	N	I	U	M											0	2																														
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	0	0	2		0	.	0	0	3		0	.	0	0	8										0	.	0	0	1													
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	0	6		0	.	0	0	1		0	.	0	1	6		0	.	0	0	1		0	.	0	1	5																	
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	0	0	2		0	.	0	0	3		0	.	0	0	4		0	.	0	0	5		0	.	0	0	2																	
0	0	4	B	L	A	I	R		R	Ø	A	D								0	.	0	0	1		0	.	0	0	3		0	.	0	0	2	-	0	.	0	0	1		0	.	0	0	1																	
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N					-	0	.	0	0	1		0	.	0	0	2		0	.	0	0	1		0	.	0	0	1		0	.	0	0	3																	
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N			0	.	0	0	1		0	.	0	0	1		0	.	0	0	2	-	0	.	0	0	1		0	.	0	0	1																	
7	7	8																																																														
	3	M	A	R	C	H								1	9	7	9	C	N	R	Ø	M	I	U	M										0	2																														
0	0	1	K	-	9	0	1		P	U	M	P	N	Ø	U	S	E			0	.	0	1	8		0	.	0	2	3		0	.	0	5	2		0	.	0	1	8		0	.	0	1	8																	
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	1	4	-	0	.	0	1	4		0	.	1	2	5		0	.	0	2	0		0	.	0	2	0																	
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R						-	0	.	0	1	4	-	0	.	0	1	4		0	.	0	4	4		0	.	0	2	0	-	0	.	0	1	4																	
0	0	4	B	L	A	I	R		R	Ø	A	D							-	0	.	0	1	4	-	0	.	0	1	4	-	0	.	0	2	9		0	.	0	2	0		0	.	0	1	4																	
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N					-	0	.	0	1	4	-	0	.	0	1	4	-	0	.	0	2	9		0	.	0	2	0	-	0	.	0	1	4																	
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N		-	0	.	0	1	4	-	0	.	0	1	4		0	.	0	3	8		0	.	0	2	3	-	0	.	0	1	4																	
9	9	9																																																														

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979	05	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						9	1	8	8	0		1	4	6	9	7	0			9	3	1	5	0			9	1	8	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			2	0	•	5			1	1	3	•	7			1	6	6	•	5			1	3	4	•	4						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	0	•	0				3	9	•	2				4	4	•	1				1	6	•	3						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						4	•						4	•						2	•							•			
0	0	5	C	A	L	C	I	U	M					↓				5	•						6	•						6	•						2	•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	8					0	•	0	2					•	0	4					•	0	2					•			
0	0	7	C	O	P	P	E	R										0	•	5					0	•	7						•	7						•	4						•			
0	0	8	I	R	O	N												1	•						2	•						1	•	5						•	5						•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	0	8				3	•						1	•							•	8						•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	5				0	•	0	2					•	0	4					•	0	3					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•						0	•	0	0	4				•	0	0	4				•	0	0	4				•			
0	1	2	N	I	C	K	E	L										0	•	0	3				0	•	1						•	0	6					•	1						•			
0	1	3	L	E	A	D												0	•	5					0	•	2						•	2						•	1						•			
0	1	4	T	I	T	A	N	I	U	M								0	•	1					0	•	0	6					•	1						•	0	6					•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	8			0	•	0	0	8				•	0	0	8				•	0	0	8				•			
0	1	6	S	I	L	I	C	O	N									4	•						6	•						6	•						2	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L Park

COMPLETION DATE: 6/4/79

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1979 | FIRST DAY: 05 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						9	9	9	0	0		1	5	5	2	5	0		1	0	1	2	5	0		1	0	1	2	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			2	4	•	4			1	3	0	•	9			1	7	0	•	6			1	3	2	•	9						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	2	•	9				5	0	•	5				4	9	•	2				1	9	•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						6	•						5	•						2	•							•			
0	0	5	C	A	L	C	I	U	M					↓				5	•						8	•						9	•						3	•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	8					0	•	0	3					•	0	5					•	0	2					•			
0	0	7	C	O	P	P	E	R										1	•						3	•							•	7						•	5						•			
0	0	8	I	R	O	N												1	•						1	•						1	•	5					1	•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	0	9				4	•						1	•						1	•							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	5				0	•	0	3					•	0	4					•	0	2					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•						0	•	0	0	4				•	0	0	4				•	0	0	4				•			
0	1	2	N	I	C	K	E	L										0	•	0	5				0	•	5						•	1						•	1						•			
0	1	3	L	E	A	D												0	•	5					0	•	3						•	2						•	1						•			
0	1	4	T	I	T	A	N	I	U	M								0	•	1					0	•	0	6					•	1						•	0	6					•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	8			0	•	0	0	8				•	0	0	8				•	0	0	8				•			
0	1	6	S	I	L	I	C	O	N									4	•						6	•						6	•						3	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
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0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 6/4/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979	05	003	EAST HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME–FT³	99900	153180	98550	97200	
002	TOTAL PART–MG	52.8	118.8	171.4	135.7	.
003	RESIDUE–MG	44.0	51.2	61.6	24.8	.
004	ALUMINUM –MG	4.	6.	9.	2.	.
005	CALCIUM	9.	8.	10.	3.	.
006	CHROMIUM	0.8	0.02	.06	.05	.
007	COPPER	8.	4.	.8	1.	.
008	IRON	3.	1.	3.	1.5	.
009	MAGNESIUM	0.1	5.	.9	1.	.
010	MANGANESE	0.05	0.03	.06	.02	.
011	MOLYBDENIUM	0.02	0.004	.01	.004	.
012	NICKEL	5.	0.7	.6	.3	.
013	LEAD	0.5	0.3	.3	.1	.
014	TITANIUM	0.1	0.06	.1	.06	.
015	VANADIUM	0.008	0.008	.02	.008	.
016	SILICON	4.	6.	10.	3.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R.I. Clark

COMPLETION DATE: 6/4/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1979 | FIRST DAY: 05 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1–3	4–11	12–15	19–20	21–23	25	26–30	33–37	40–44
001	VOLUME-FT3		98	550	1	55250	99900	98550
002	TOTAL PART-MG		31	.5	1	29.9	17.7	28.9
003	RESIDUE-MG		26	.4	3	9.0	51.2	19.6
004	ALUMINUM-MG		2	.		3	7.	2.
005	CALCIUM		5	.		5	7.	3.
006	CHROMIUM		0	.5		0.01	.05	.02
007	COPPER		0	.5		.3	1.	.5
008	IRON		1	.		1	2.	1.
009	MAGNESIUM		0	.09		3	1.	1.
010	MANGANESE		0	.05		0.02	.05	.03
011	MOLYBDENIUM			.		0.004	.005	.004
012	NICKEL		0	.05		0.03	.4	.15
013	LEAD		0	.3		0.2	.2	.1
014	TITANIUM		0	.1		0.06	.1	.06
015	VANADIUM		0	.008		0.008	.008	.008
016	SILICON		4	.		5	7.	3.
017	OTHERS FOUND			.		.	.	.
018				.		.	.	.
019				.		.	.	.
020				.		.	.	.
021				.		.	.	.
022				.		.	.	.
023				.		.	.	.
024				.		.	.	.
998	(PUNCH)							
999	(PUNCH)							

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 6/4/79

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979	4	005	WINKEL LAKE

Code	Item	17–23	24–30	31–37	38–44	45–51
01	VOLUME – FT³	133089	139880	1		
002	TOTAL PART – MG	.	.	.	.	.
003	RESIDUE – MG	.	.	.	.	.
04	ALUMINUM – MG	1.25	10.	.	.	.
005	CALCIUM ↓	1.25	25.	.	.	.
006	CHROMIUM	.005	0.125	.	.	.
007	COPPER	.025	3.	.	.	.
008	IRON	.25	3.75	.	.	.
009	MAGNESIUM	.125	1.	.	.	.
010	MANGANESE	.01	0.250	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.075	0.250	.	.	.
013	LEAD	.125	1.25	.	.	.
014	TITANIUM	.05	0.250	.	.	.
015	VANADIUM	.005	0.025	.	.	.
016	SILICON	2.5	25.	.	.	.
017	OTHERS FOUND	.	.	.	.	.
18	URANIUM	.006	0.014	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE:

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1979 | FIRST DAY: | STAT. NO.: 006 | LOCATION: PORTAL 9

Code	Item	Cols 19–23	Cols 24–30
001	VOLUME – FT³	79200	86800
002	TOTAL PART – MG	.	.
003	RESIDUE – MG	.	.
004	ALUMINUM – MG	1.25	8.75
005	CALCIUM	1.25	25.
006	CHROMIUM	.005	0.125
007	COPPER	.025	3.125
008	IRON	.25	3.75
009	MAGNESIUM	.125	1.0
010	MANGANESE	.01	0.125
011	MOLYBDENUM	.	.
012	NICKEL	.05	.
013	LEAD	.125	1.0
014	TITANIUM	.05	0.250
015	VANADIUM	.005	0.012
016	SILICON	2.5	12.5
017	OTHERS FOUND	.	.
018	URANIUM	.004	0.011
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. Clark.

COMPLETION DATE:

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1979 | FIRST DAY: | STAT. NO.: 007 | LOCATION: HF TANK FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	6	4	0	0	0		1	6	0	7	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5					6	•	2	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				1	•	2	5			1	2	•	5						•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5			0	•	1	2	5				•							•							•			
0	0	7	C	O	P	P	E	R											•	0	2	5			0	•	3	0	0				•							•							•			
0	0	8	I	R	O	N													•	2	5				6	•	2	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5				1	•	0						•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1				0	•	1	2	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	7	5			0	•	1	2	5				•							•							•			
0	1	3	L	E	A	D													•	1	2	5			1	•	0						•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	5				0	•	2	0	0				•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	5			0	•	0	1	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									2	•	5				1	2	•	5						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	1			0	•	0	0	5				•							•							•			
0	1	9																	•							•							•							•							•			
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: K.C. Clark

COMPLETION DATE:

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979		008	K33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3					1	1	2	1	0	0		1	2	1	6	2	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5				1	0	•							•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				1	•	2	5			1	2	•	5						•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5			0	•	1	2	5				•							•							•		
0	0	7	C	O	P	P	E	R											•	0	1	2			0	•	1	2	5				•							•							•		
0	0	8	I	R	O	N													•	2	5				6	•	2	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M							1	•	7	5				1	•	0						•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1				0	•	1	2	5				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	5				0	•	7	5					•							•							•		
0	1	3	L	E	A	D													•	1	2	5			0	•	7	5					•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	5				0	•	2						•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	5			0	•	0	2	5				•							•							•		
0	1	6	S	I	L	I	C	O	N									2	•	5				1	2	•	5						•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
	1	8	U	R	A	N	I	U	M										•	0	0	1			0	•	0	0	3				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1979 | FIRST DAY: | STAT. NO.: 009 | LOCATION: SALVAGE YD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	6	5	8	9		1	0	8	9	4	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5					8	•	7	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				1	•	2	5			2	5	•							•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5			0	•	0	5	0				•							•							•		
0	0	7	C	O	P	P	E	R											•	0	1	2			0	•	1	2	5				•							•							•		
0	0	8	I	R	O	N													•	0	1	2			3	•	7	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5				1	•	2	5					•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2			0	•	0	5	0				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	2	5			0	•	3	7	5				•							•							•		
0	1	3	L	E	A	D													•	0	2	5			0	•	2	5	0				•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	5				0	•	2						•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	5			0	•	0	1	2				•							•							•		
0	1	6	S	I	L	I	C	O	N									2	•	5				1	2	•	5						•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	8			0	•	0	0	5				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
0	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: K. Clark

COMPLETION DATE:

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979		010	PROPANE YD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	0	1	V	O	L	U	M	E	-	F	T	3						9	6	1	4	5			6	2	0	4	0			5	6	4	3	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5					8	•	7	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				2	•	5				2	5	•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5			0	•	1	2	5				•							•							•			
0	0	7	C	O	P	P	E	R											•	6	2	5			6	•	2	5					•							•							•			
0	0	8	I	R	O	N													•	2	5				3	•	7	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5			0	•	8	7	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	8			0	•	1	2	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	1					0	•	5						•							•							•			
0	1	3	L	E	A	D													•	2	5				1	•	2	5					•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	5				0	•	2						•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	5			0	•	0	1	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									2	•	5				1	2	•	5						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
	1	8	U	R	A	N	I	U	M										•	0	1	5			0	•	0	0	6				•	0	0	8				•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.J. Clark

COMPLETION DATE

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979		011	K1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	–	F	T	3												1	1	5	8	4	0																					
0	0	2	T	O	T	A	L		P	A	R	T	–	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	–	M	G							•							•							•							•							•		
0	0	4	A	L	U	M	I	N	U	M			–	M	G				•						8	•	7	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓					•					2	5	•							•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•						0	•	1	2	5				•							•							•		
0	0	7	C	O	P	P	E	R											•					1	2	•	5						•							•							•		
0	0	8	I	R	O	N													•						6	•	2	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•						1	•	0						•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•						0	•	1	2	5				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•						0	•	7	5	0				•							•							•		
0	1	3	L	E	A	D													•						1	•	2	5					•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•						0	•	2	5	0				•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•						0	•	0	2	5				•							•							•		
0	1	6	S	I	L	I	C	O	N										•							•							•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•						0	•	0	3	3				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
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0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
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9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979		012	K1210

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
J	0	1	V	O	L	U	M	E	-	F	T	3					1	2	3	3	0	0		1	4	0	1	3	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•			
/	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5				1	2	•	5						•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				2	•	5				2	5	•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M								0	•	0	0	5			0	•	1	2	5				•							•							•			
0	0	7	C	O	P	P	E	R										0	•	0	5				3	•	1	2	5				•							•							•			
0	0	8	I	R	O	N												0	•	2	5				6	•	2	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M							0	•	2	5				1	•	0						•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E							0	•	0	1				0	•	1	2	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M					0	•							•							•							•							•			
0	1	2	N	I	C	K	E	L										0	•	0	7	5			0	•	3	7	5				•							•							•			
0	1	3	L	E	A	D												0	•	2	5				1	•	2	5					•							•							•			
0	1	4	T	I	T	A	N	I	U	M								0	•	0	5				0	•	2	5					•							•							•			
0	1	5	V	A	N	A	D	I	U	M								0	•	0	0	5			0	•	0	1	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									2	•	5				1	2	•	5						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
J	1	8	U	R	A	N	I	U	M										•	1	5	7				•	0	3	5				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE

DATE OF SERVICE TRIP _____ BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. _____ REQUESTED BY _____

WIND VANE SAMPLES

SAMPLE NUMBER	SAMPLING ~~LOCATION~~ DATES	SAMPLING TIME Min.	RATE cfm	VOLUME m^3	F (µg)	F (µg/m^3)		Date Released	
7-110	2/27/79 – 3/26/79	4530	0.30	38.4	9.75	0.25		4/16/79	
8-74	2/27/79 – 3/26/79	3198	0.30	27.2	25.0	0.92		4/16/79	
7-111	3/26/79 – 4/24/79	3630	~~X~~0.30	30.8	8.25	0.27		5/14/79	
8-75	3/26/79 – 4/24/79	4488	0.30	38.1	7.5	0.20		5/14/79	

SAMPLED BY D. T. Clark SUPERVISOR J. McCall DATE RELEASED 4/17/

DATE OF SERVICE TRIP _____ BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. _____ REQUESTED BY _____

WIND VANE SAMPLES

SAMPLE NUMBER	SAMPLING ~~LOCATION~~ DATES	SAMPLING TIME Min.	RATE Cfm	VOLUME m^3	F (ug)	F (ug/m^3)			
7-102	5/17/78 – 6/21/78	4302	0.30	36.6	13.5	0.37			
8-66	5/17/78 – 6/21/78	4092	0.30	34.8	45	1.3			
7-103	6/21/78 – 7/17/78	3024	0.30	25.7	5	0.19			
8-67	6/21/78 – 7/17/78	3018	0.30	25.6	22.5	0.88			
7-104	7/17/78 – 8/1/78	2088	0.30	17.7	5.0	0.28			
8-68	7/17/78 – 8/1/78	2076	0.30	17.6	10.0	0.57			
7-105	8/1/78 – 9/14/78	4200	0.30	35.7	6.8	0.19			
8-69	8/1/78 – 9/14/78	4536	0.30	38.5	4.2	0.11			
7-106	9/14/78 – 10/18/78	2610	0.30	22.1	4.2	0.19			
8-70	9/14/78 – SAMPLE PUMP	STOPPED	–	–					
7-107	10/18/78 – 11/20/78	3390	0.30	28.8	5.2	0.18			
8-71	10/18/78 – 11/20/78	2226	0.30	18.9	3.2	0.17			
7-108	11/20/78 – 1/19/79	7206	0.30	61.2	9	0.15			
8-72	11/20/78 – SAMPLE PUMP	STOPPED	–	–					
7-109	1/19/79 – 2/27/79	4566	0.30	38.8	4.25	0.110			
8-73	1/19/79 – 2/27/79		0.30 ≈	40.0	2.75	0.069			

SAMPLED BY R.L. Clark SUPERVISOR J. McCall DATE RELEASED 3/27, 1

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 4-6-79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 810 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 3/30/79 - 4/6/79	1400 to 1400	8.5	85.7	1.40	.003	<.014		
2	K-1206-D Trailer " "	1400 to 1400	8.5	85.7	.467	.007	.018		
3	Radio Tower " "	1400 to 1400	8.5	85.7	.525	.004	.014		
4	Blair Road " "	1400 to 1400	8.5	85.7	.963	<.001	.014		
5	Credit Union " "	1400 to 1400	8.5	85.7	.278	.003	.018		
6	Cabin " "	1400 to 1400	8.5	85.7	.247	.001	.020		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY Clark - Pardue SUPERVISOR A S McCall DATE RELEASED 4/17/79

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 4/6/79 to 4/12/79 BUILDING _____ ROUTINE ☐ REPORT NO. 811

#2 Special 4/6/79 to 4/11/79 SPECIAL ☐ REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 4/6/79 to 4/12/79	1400 to 1400	8.5	~~85.7~~ 73.4	1.98	.007	.022		
2	K-1206-D Trailer 4/6/79 to 4/11/79 Special	1400 to 1400	8.5	~~85.7~~ 61.2	4.7	.005	Lost sample		
3	Radio Tower 4/6/79 to 4/12/79	1400 to 1400	8.5	~~85.7~~ 73.4	0.54	.003	.018		
4	Blair Road " "	1400 to 1400	8.5	~~85.7~~ 73.4	4.43	.004	.022		
5	Credit Union " "	1400 to 1400	8.5	~~85.7~~ 73.4	.044	.002	.019		
6	Cabin " "	1400 to 1400	8.5	~~85.7~~ 73.4	.044	.004	.016		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY R. L. Clark SUPERVISOR C. L. Buskirk DATE RELEASED 5/17/

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 4/12/79 to 4/20/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT No: 812 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to	8.5	~~85.7~~	.064	.009	<.014		
		1400		97.9					
2	K-1206-D Trailer 4/11/79–4/20/79	1400 to	8.5	~~85.7~~	.091	.004	<.014		
		1400		110.1					
3	Radio Tower	1400 to	8.5	~~85.7~~	.237	.045	.028		
		1400		97.9					
4	Blair Road	1400 to	8.5	~~85.7~~	<.026	.003	<.014		
		1400		97.9					
5	Credit Union	1400 to	8.5	~~85.7~~	<.026	.002	.015		
		1400		97.9					
6	Cabin	1400 to	8.5	~~85.7~~	<.026	.002	.018		
		1400		97.9					
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY R. L. Clark SUPERVISOR C. O. Buskirk DATE RELEASED 5/17/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 4/20/79 to 4/27/79 BUILDING ____ ROUTINE ☐ SPECIAL ☐ REPORT No. 813 REQUESTED BY ____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.195	.002	< .014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.265	.002	< .014		
3	Radio Tower	1400 to 1400	8.5	85.7	.204	.003	< .014		
4	Blair Road	1400 to 1400	8.5	85.7	.061	.002	< .014		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.002	< .014		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.002	< .014		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY L. L. Clark SUPERVISOR C. P. Puskirk DATE RELEASED 5/17/7.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
0	4	A	P	R	I	L								1	9	7	9	G	A	S	E	Ø	U	S		F	L	U	Ø	R	I	D	E	0	6																														
		0	1	K	-	9	0	1		P	U	M	P	H	Ø	V	S	E			1	.	4	0			1	.	9	8			0	.	0	6	4		0	.	1	9	5																					
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	4	6	7		4	.	7				0	.	0	9	1		0	.	2	6	5																					
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	5	2	5		0	.	5	4			0	.	2	3	7		0	.	2	0	4																					
0	0	4	B	L	A	I	R		R	Ø	A	D								0	.	9	6	3		4	.	4	3		-	0	.	0	2	6		0	.	0	6	1																					
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N						0	.	2	7	8		0	.	0	4	4	-	0	.	0	2	6	-	0	.	0	3	0																					
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N			0	.	2	4	7		0	.	0	4	4	-	0	.	0	2	6	-	0	.	0	3	0																					
0	0	7	W	I	N	D		V	A	N	E		P																									0	.	2	7																					
0	0	8	W	I	N	D		V	A	N	E		B																									0	.	2	0																					
9	9	8																																																												
0	4	A	P	R	I	L								1	9	7	9	U	R	A	N	I	U	m											0	6																												
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	0	0	3		0	.	0	0	7		0	.	0	0	9		0	.	0	0	2																					
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	0	7		0	.	0	0	5		0	.	0	0	4		0	.	0	0	2																					
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	0	0	4		0	.	0	0	3		0	.	0	4	5		0	.	0	0	3																					
	0	4	B	L	A	I	R		R	Ø	A	D							-	0	.	0	0	1		0	.	0	0	4		0	.	0	0	3		0	.	0	0	2																					
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N						0	.	0	0	3		0	.	0	0	2		0	.	0	0	2		0	.	0	0	2																					
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N			0	.	0	0	1		0	.	0	0	4		0	.	0	0	2		0	.	0	0	2																					
0	9	8																																																											
	4	A	P	R	I	L								1	9	7	9	C	H	R	Ø	m	I	U	m										0	6																												
0	0	1	K	-	9	0	1		P	U	m	P	H	Ø	U	S	E		-	0	.	0	1	4		0	.	0	2	2	-	0	.	0	1	4	-	0	.	0	1	4																					
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	1	8							-	0	.	0	1	4	-	0	.	0	1	4																					
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	0	1	4		0	.	0	1	8		0	.	0	2	8	-	0	.	0	1	4																					
0	0	4	B	L	A	I	R		R	Ø	A	D								0	.	0	1	4		0	.	0	2	2	-	0	.	0	1	4	-	0	.	0	1	4																					
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N						0	.	0	1	8		0	.	0	1	9		0	.	0	1	5	-	0	.	0	1	4																					
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N			0	.	0	2	0		0	.	0	1	6		0	.	0	1	8	-	0	.	0	1	4																					
9	9	9																																																											

UCN-723C
(3 5-7

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH: 05 MAY | YEAR: 1979 | FIRST DAY: 07 | STAT. NO.: 001 | LOCATION: WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	3	1	5	0			9	0	4	5	0			9	1	8	0	0			9	4	5	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	2	1	•	8			1	1	7	•	8			1	3	6	•	6			1	4	2	•	4						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	8	•					3	0	•	4				5	5	•						8	•	1						•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•						4	•						6	•							•	6						•			
0	0	5	C	A	L	C	I	U	M					↓				3	•						3	•						4	•						1	•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	2					•	0	5					•	0	3					•	0	0	7				•			
0	0	7	C	O	P	P	E	R											•	6						•	6						•	3					1	•							•			
0	0	8	I	R	O	N												1	•						1	•						1	•							•	5						•			
0	0	9	M	A	G	N	E	S	I	U	M								•	8					1	•							•	7						•	2						•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2					•	0	7					•	0	6					•	0	2					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•	0	0	4				•							•							•							•			
0	1	2	N	I	C	K	E	L											•	2						•	0	4					•	0	9					•	0	6					•			
0	1	3	L	E	A	D													•	1						•	2						•	5						•	0	8					•			
0	1	4	T	I	T	A	N	I	U	M									•	0	6					•	0	8					•	1						•	0	3					•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	8				•	0	0	8				•	0	0	8				•	0	0	3				•			
0	1	6	S	I	L	I	C	O	N									3	•						4	•						6	•						1	•	5						•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Park

COMPLETION DATE: 7/12/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1979	07	002	NORTH HIVOL

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME–FT³	101250	98550	86400	83700	
002	TOTAL PART–MG	130.7	46.7	114.7	135.6	.
003	RESIDUE–MG	33.1	17.7	25.9	7.1	.
04	ALUMINUM –MG	5.	2.	3.	.5	.
005	CALCIUM ↓	5.	2.	3.	1.	.
006	CHROMIUM	.04	.05	.02	.008	.
007	COPPER	1.	.4	.5	1.5	.
008	IRON	1.	.8	.5	.5	.
009	MAGNESIUM	.8	.5	.5	0.2	.
010	MANGANESE	.04	.002	.03	.02	.
011	MOLYBDENUM	.004	.001	.	.	.
012	NICKEL	.3	.03	.03	.06	.
013	LEAD	.1	.2	.2	.08	.
014	TITANIUM	.06	.08	.06	.03	.
015	VANADIUM	.008	.008	.006	.003	.
016	SILICON	5.	4.	4.	1.5	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. C. Clark

COMPLETION DATE: 7/12/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1979	07	003	EAST HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT^3	98550	97200	95850	NS	
002	TOTAL PART – MG	124.9	78.	22.6	.	.
003	RESIDUE – MG	32.4	30.	5.6	.	.
004	ALUMINUM – MG	4.	4.	1.	.	.
005	CALCIUM ↓	4.	2.	.5	.	.
006	CHROMIUM	.04	.05	.01	.	.
007	COPPER	1.	.8	1.	.	.
008	IRON	1.	1.	.6	.	.
009	MAGNESIUM	1.	1.	.3	.	.
010	MANGANESE	.04	.04	.03	.	.
011	MOLYBDENIUM	.004	.008	.	.	.
012	NICKEL	.4	.3	.2	.	.
013	LEAD	.2	.3	.1	.	.
014	TITANIUM	.06	.08	.05	.	.
015	VANADIUM	.008	.01	.008	.	.
016	SILICON	4.	5.	2.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: RL Clark

COMPLETION DATE: 7/12/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 05 MAY | YEAR: 1979 | FIRST DAY: 07 | STAT. NO. 004 | LOCATION: SOUTH HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME-FT³	97200	97200	98550	NS	
002	TOTAL PART-MG	131.2	90.8	37.8	.	.
003	RESIDUE-MG	32.5	37.3	10.6	.	.
04	ALUMINUM -MG	4.	4.	2.	.	.
005	CALCIUM	4.	3.	1.	.	.
006	CHROMIUM	.04	.02	.01	.	.
007	COPPER	.8	.6	.5	.	.
008	IRON	1.	1.	.6	.	.
009	MAGNESIUM	1.	1.	.3	.	.
010	MANGANESE	.02	.06	.03	.	.
011	MOLYBDENIUM	.004	.	.	.	.
012	NICKEL	.3	.6	.08	.	.
013	LEAD	.1	.4	.3	.	.
014	TITANIUM	.06	.1	.06	.	.
015	VANADIUM	.008	.01	.008	.	.
016	SILICON	4.	6.	2.	.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660 (1 5-78)

TECHNICIAN'S SIGNATURE: R. C. Clark

COMPLETION DATE: 7/12/79

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1979 | FIRST DAY: 4 1 9 | STAT. NO.: 005 | LOCATION: WINKEL LAKE

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15	16	17 18 19 20	21 22 23	24 25	26 27 28 29 30	31 32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51
001	VOLUME-FT3			95	730	12	1280		
002	TOTAL PART-MG			•			•		
003	RESIDUE-MG			•			•		
004	ALUMINUM-MG			1 •	75	1	• 75		
005	CALCIUM			1 •	75	1	• 25		
006	CHROMIUM			•	015		• 005		
007	COPPER			•	025		• 025		
008	IRON			•	125		• 75		
009	MAGNESIUM			•	125	1	• 0		
010	MANGANESE			•	002		• 005		
011	MOLYBDENIUM			•			•		
012	NICKEL			•	02		• 05		
013	LEAD			•	25		• 062		
014	TITANIUM			•	05		• 038		
015	VANADIUM			•	002		• 002		
016	SILICON			2 •	5	2	• 5		
017	OTHERS FOUND			•			•		
018	URANIUM			•	013		• 002		
019				•			•		
020				•			•		
021				•			•		
022				•			•		
023				•			•		
024				•			•		
998	(PUNCH)								
999	(PUNCH)								

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Mark

COMPLETION DATE:

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1979 | FIRST DAY: 4 1 9 | STAT. NO.: 006 | LOCATION: PORTAL 9

1 2 3	4 5 6 7 8 9 10 11	12 13	14 15	16	17 18 19 20	21 22 23	24 25	26 27 28 29 30	31 32 33	34 35 36 37	38 39 40 41	42 43 44 45 46 47 48 49 50 51
001	VOLUME-FT	3			1 1 1	3 0 0		1 2 6 3 0 0				
002	TOTAL PART-MG					•		•		•		•
003	RESIDUE-MG				•			•		•	•	•
004	ALUMINUM-MG				1 •	7 5		1 • 7 5		•	•	•
005	CALCIUM				2 •			2 • 5		•	•	•
006	CHROMIUM				•	0 1 5		• 0 0 5		•	•	•
007	COPPER				•	6 2 5		• 0 6 2		•	•	•
008	IRON				•	1 2 5		1 • 0		•	•	•
009	MAGNESIUM				•	2		1 • 0		•	•	•
010	MANGANESE				•	0 0 2		• 0 1		•	•	•
011	MOLYBDENIUM				•			•		•	•	•
012	NICKEL				•	0 5		• 0 5		•	•	•
013	LEAD				•	2 5		• 1 2 5		•	•	•
014	TITANIUM				•	0 5		• 0 5		•	•	•
015	VANADIUM				•	0 0 2		• 0 0 2		•	•	•
016	SILICON				2 •	5		3 • 7 5		•	•	•
017	OTHERS FOUND				•			•		•	•	•
018	URANIUM				•	0 1 2		• 0 1 2		•	•	•
019					•			•		•	•	•
020					•			•		•	•	•
021					•			•		•	•	•
022					•			•		•	•	•
023					•			•		•	•	•
024					•			•		•	•	•
998	(PUNCH)											
999	(PUNCH)											

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE:

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979	419	007	HF TANK FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						4	2	0	0	0																												
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G				•	2	5					•							•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					•	6	2	5				•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M				↓					•	0	2	5				•							•							•							•			
0	0	7	C	O	P	P	E	R											•	0	2	5				•							•							•							•			
0	0	8	I	R	O	N													•	0	7	5				•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	0	7	5				•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2				•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	0	8				•							•							•							•			
0	1	3	L	E	A	D													•	0	7	5				•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	1	2				•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1				•							•							•							•			
0	1	6	S	I	L	I	C	O	N										•	2	5					•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	1				•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979	419	008	K33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	0	1	0	4	0		1	1	4	5	8	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	7	5				1	•	2	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				1	•	2	5				2	•	5						•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2	5				•	0	0	5				•							•							•		
0	0	7	C	O	P	P	E	R											•	0	1	2				•	0	1					•							•							•		
0	0	8	I	R	O	N													•	1	2	5			1	•	2	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5			1	•	0						•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2				•	0	1					•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	2	5				•	0	2	5				•							•							•		
0	1	3	L	E	A	D													•	0	7	5				•	0	6	2				•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	3	8				•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2				•							•							•		
0	1	6	S	I	L	I	C	O	N									2	•	5					1	•	7	5					•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•	0	0	1				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
0	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979	419	009	SALVAGE YD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	–	F	T	3						8	5	9	3	0			9	8	6	6	0																					
0	0	2	T	O	T	A	L		P	A	R	T	–	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	–	M	G							•							•							•							•							•			
	0	4	A	L	U	M	I	N	U	M			–	M	G			2	•	5					2	•	0						•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				5	•	0				1	0	•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	2	5				•	0	1					•							•							•			
0	0	7	C	O	P	P	E	R											•	0	7	5				•	0	1	2				•							•							•			
0	0	8	I	R	O	N													•	2	5				1	•	2	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5				1	•	2	5					•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2				•	0	0	8				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	2					•	0	3	8				•							•							•			
0	1	3	L	E	A	D													•	2	5					•	1						•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	5					•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	5					•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									5	•	0					3	•	7	5					•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	5				•	0	0	1				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979	419	010	PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	1	4	9	0		1	1	8	9	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5					1	•	2	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				7	•	5					7	•	5						•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2	5				•	0	0	5				•							•							•		
0	0	7	C	O	P	P	E	R										1	•	7	5					•	0	7	5				•							•							•		
0	0	8	I	R	O	N													•	2	5					•	7	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	7	5					•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	1					•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	5					•	0	7	5				•							•							•		
0	1	3	L	E	A	D													•	2	5					•	2	5					•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	3	8				•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	5					•	0	0	2				•							•							•		
0	1	6	S	I	L	I	C	O	N									2	•	5					1	•	7	5					•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	1	2				•	0	1	6				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. C. Clark

COMPLETION DATE

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1979	419	011	K1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	7	1	9	0		1	1	6	5	4	5																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	0					1	•	7	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				7	•	5					3	•	7	5					•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2	5				•	0	1					•							•							•		
0	0	7	C	O	P	P	E	R										1	•	2	5					•	6	2	5				•							•							•		
0	0	8	I	R	O	N													•	2	5				1	•	2	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	7	5					•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2				•	0	0	8				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	5					•	0	7	5				•							•							•		
0	1	3	L	E	A	D													•	2	5					•	2	5					•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	3	8				•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	5					•	0	0	2				•							•							•		
0	1	6	S	I	L	I	C	O	N									2	•	0					2	•	5						•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	1	6				•	0	2	6				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1979 | FIRST DAY: 4 19 | STAT. NO.: 012 | LOCATION: K12 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	1	2	6	0	0		1	3	0	2	5	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	7	5				2	•							•							•							•		
0	0	5	C	A	L	C	I	U	M					↓			1	0	•						3	•	7	5					•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	5					•	0	0	5					•							•							•		
0	0	7	C	O	P	P	E	R										1	•	2	5					•	0	5						•							•							•		
0	0	8	I	R	O	N													•	5	0				1	•								•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5			1	•	2	5						•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	1						•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•							•		
0	1	2	N	I	C	K	E	L											•	0	5					•	0	5						•							•							•		
0	1	3	L	E	A	D													•	1	2	5				•	1	2	5					•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	3	8					•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	5					•	0	0	2					•							•							•		
0	1	6	S	I	L	I	C	O	N									1	•	2	5				3	•	7	5					•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	1	0	0				•	0	0	5					•							•							•		
0	1	9																	•							•								•							•							•		
0	2	0																	•							•								•							•							•		
	2	1																	•							•								•							•							•		
0	2	2																	•							•								•							•							•		
0	2	3																	•							•								•							•							•		
0	2	4																	•							•								•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R.L. Park

COMPLETION DATE:

UCN-12660
(1 5-78)

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 4/27/79 to 5/4/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 814 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.178	.002	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.131	.006	.044		
3	Radio Tower	1400 to 1400	8.5	85.7	.111	.002	<.014		
4	Blair Road	1400 to 1400	8.5	85.7	.163	.001	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.005	<.014		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.001	<.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED B. L. Clark SUPERVISOR L. Buskirk DATE RELEASED 5/17/

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 5/4/79 - 5/11/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 815 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.228	<.001	.018		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.216	<.001	.018		
3	Radio Tower	1400 to 1400	8.5	85.7	.206	.001	.014		
4	Blair Road	1400 to 1400	8.5	85.7	<.029	<.001	.020		
5	Credit Union	1400 to 1400	8.5	85.7	.041	<.001	.018		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.003	.014		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY L. Clark SUPERVISOR [illegible] Call DATE RELEASED 7/3/

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 5/11/79 to 5/18/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 816 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.140	.004	Lost		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.117	.002	"		
3	Radio Tower	1400 to 1400	8.5	85.7	.155	.001	"		
4	Blair Road	1400 to 1400	8.5	85.7	.035	.003	"		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.002	"		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.005	"		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR A. J. McCall DATE RELEASED 7/3/79

AMBIENT AIR : FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 5/18/79 – 5/25/79 BUILDING _____ ROUTINE ☐ REPORT NO. 817

SPECIAL ☐ REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.166	.002	.020		
2	K-1206-D Trailer (Analysis by Y-12)	1400 to 1400	8.5	85.7	0.52	—	—		
3	Radio Tower	1400 to 1400	8.5	85.7	.525	.001	.018		
4	Blair Road	1400 to 1400	8.5	85.7	.084	.001	.018		
5	Credit Union	1400 to 1400	8.5	85.7	.032	.001	.038		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.001	.020		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR J. S. McCall DATE RELEASED 7/3/7

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
	5	M	A	Y										1	9	7	9			G	A	S	E	Ø	U	S		F	L	U	Ø	R	I	D	E	0	4																												
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	1	7	8		0	.	2	2	8		0	.	1	4	0		0	.	1	6	6																							
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	1	3	1		0	.	2	1	6		0	.	1	1	7		0	.	5	2	0																							
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	1	1	1		0	.	2	0	6		0	.	1	5	5		0	.	5	2	5																							
0	0	4	B	L	A	I	R		R	Ø	A	D								0	.	1	6	3	-	0	.	0	2	9		0	.	0	3	5		0	.	0	8	4																							
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N					-	0	.	0	3	0		0	.	0	4	1	-	0	.	0	3	0		0	.	0	3	2																							
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N		-	0	.	0	3	0	-	0	.	0	3	0	-	0	.	0	3	0	-	0	.	0	3	0																							
9	9	8																																																													
0	5	M	A	Y										1	9	7	9	U	R	A	N	I	U	M											0	4																												
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	0	0	2	-	0	.	0	0	1		0	.	0	0	4		0	.	0	0	2																							
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	0	6	-	0	.	0	0	1		0	.	0	0	2			.																							
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	0	0	2		0	.	0	0	1		0	.	0	0	1		0	.	0	0	1																							
0	0	4	B	L	A	I	R		R	Ø	A	D								0	.	0	0	1	-	0	.	0	0	1		0	.	0	0	3		0	.	0	0	1																							
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N						0	.	0	0	5	-	0	.	0	0	1		0	.	0	0	2		0	.	0	0	1																							
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N			0	.	0	0	1		0	.	0	0	3		0	.	0	0	5		0	.	0	0	1																							
9	9	8																																																													
0	5	M	A	Y										1	9	7	9	C	H	R	Ø	M	I	U	M										0	4																												
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E		-	0	.	0	1	4		0	.	0	1	8			.							0	.	0	2	0																							
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	4	4		0	.	0	1	8			.								.																							
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R						-	0	.	0	1	4		0	.	0	1	4			.							0	.	0	1	8																							
0	0	4	B	L	A	I	R		R	Ø	A	D							-	0	.	0	1	4		0	.	0	2	0			.							0	.	0	1	8																							
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N					-	0	.	0	1	4		0	.	0	1	8			.							0	.	0	3	8																							
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N		-	0	.	0	1	4		0	.	0	1	4			.							0	.	0	2	0																							
9	9	9																																																													

UCN-7230
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1979	08	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	7	7	5	0			8	8	4	2	5			9	2	4	7	5														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	1	6	•	5			1	1	4	•	1				4	9	•	7						•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	2	•	5				3	2	•	2					4	•	6						•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						3	•						1	•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				3	•						4	•						1	•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	1					•	0	1					•	0	0	8				•							•			
0	0	7	C	O	P	P	E	R											•	9						•	2						•	1						•							•			
0	0	8	I	R	O	N													•	8					1	•							•	5						•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	5						•	6						•	2						•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•	0	2					•	0	1					•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	5					•	0	6					•	0	5					•							•			
0	1	3	L	E	A	D													•	0	5					•	0	6					•	0	5					•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	3					•	0	4					•	0	3					•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	0	4				•	0	0	4				•							•			
0	1	6	S	I	L	I	C	O	N									5	•						5	•						1	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/12/79

PARTICULATE AIR DATA

MONTH: 06 JUNE | YEAR: 1979 | FIRST DAY: 08 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	1	8	0	0			8	5	0	5	0			8	7	7	5	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	2	2	.	8			1	0	9	.	2				5	1	.	1						.							.		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	5	.	8				3	1	.	7					6	.	0						.							.			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	.						3	.						1	.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				4	.						3	.						2	.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	1					.	0	1					.	0	0	8				.							.			
0	0	7	C	O	P	P	E	R										1	.						1	.						1	.							.							.			
0	0	8	I	R	O	N													.	0	8				1	.							.	5						.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	5						.	6						.	5						.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	1					.	0	1					.	0	1					.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	8					.	0	6					.	0	5					.							.			
0	1	3	L	E	A	D													.	0	5					.	0	6					.	0	5					.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	3					.	0	4					.	0	3					.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	4				.	0	0	4				.	0	0	4				.							.			
0	1	6	S	I	L	I	C	O	N									5	.						5	.						2	.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/12/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1979	08	003	EAST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	1	8	0	0			9	3	1	5	0			9	5	8	5	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	3	5	•	7			1	1	4	•	3				4	4	•	4						•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					4	6	•	6				3	3	•					1	2	•	7						•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						2	•						2	•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				6	•						4	•						2	•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	1					•	0	1					•	0	1					•							•			
0	0	7	C	O	P	P	E	R										4	•						3	•						1	•							•							•			
0	0	8	I	R	O	N													•	8					1	•							•	5						•							•			
0	0	9	M	A	G	N	E	S	I	U	M							1	•							•	8						•	5						•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2					•	0	2					•	0	1					•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L										5	•						2	•						1	•							•							•			
0	1	3	L	E	A	D													•	1						•	0	7					•	0	5					•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	6					•	0	4					•	0	2					•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	8				•	0	0	5				•	0	0	4				•							•			
0	1	6	S	I	L	I	C	O	N									4	•						4	•						2	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: [illegible] Clark

COMPLETION DATE: 7/12/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1979	08	004	SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	–	F	T	3						N	S						9	1	1	2	5			9	2	4	7	5														
0	0	2	T	O	T	A	L		P	A	R	T	–	M	G					•				1	0	9	•					4	9	•	6						•							•		
0	0	3	R	E	S	I	D	U	E	–	M	G							•					3	2	•	5					5	•	9						•							•			
	0	4	A	L	U	M	I	N	U	M			–	M	G				•						4	•						1	•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					•						6	•	0					1	•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•							•	0	1					•	0	1					•							•			
0	0	7	C	O	P	P	E	R											•							•	5						•	5						•							•			
0	0	8	I	R	O	N													•						1	•						1	•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•							•	6						•	4						•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•							•	0	2					•	0	2					•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•	0	0	4				•							•							•			
0	1	2	N	I	C	K	E	L											•							•	0	9					•	0	5					•							•			
0	1	3	L	E	A	D													•							•	0	6					•	0	4					•							•			
0	1	4	T	I	T	A	N	I	U	M									•							•	0	4					•	0	3					•							•			
0	1	5	V	A	N	A	D	I	U	M									•							•	0	0	5				•	0	0	2				•							•			
0	1	6	S	I	L	I	C	O	N										•						5	•						2	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/12/79

PARTICULATE AIR DATA

MONTH: 05 MAY | YEAR: 1979 | FIRST DAY: 16 | STAT. NO.: 005 | LOCATION: WINKEL LAKE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	6	0	0	4	5			5	3	1	9	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	Last Day							⊙	6	0	7				⊙	6	1	3				•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G				•	6	2	5				•	1	2	5				•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					•	6	2	5			2	•	5						•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	0	0				•							•							•			
0	0	7	C	O	P	P	E	R											•	0	2	5				•	0	1	2				•							•							•			
0	0	8	I	R	O	N													•	1	2	5				•	2						•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	4	5					•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•	0	2					•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	5					•	0	7	5				•							•							•			
0	1	3	L	E	A	D													•	1	2	5			<	•	0	0	1				•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8				•	0	1					•							•							•			
0	1	5	V	A	N	A	D	I	U	M								<	•	0	0	1			<	•	0	0	1				•							•							•			
0	1	6	S	I	L	I	C	O	N									1	•	7	5					•	1						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•	0	0	1				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/3/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1979	16	006	PORTAL 9

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME-FT³	188999	54600			
002	TOTAL PART-MG	.	.	.	.	.
003	~~RESIDUE-MG~~ Last Day	⊙607	⊙613	.	.	.
04	ALUMINUM -MG ←	1.75	.25	.	.	.
005	CALCIUM	.625	3.	.	.	.
006	CHROMIUM	.002	.000	.	.	.
007	COPPER	.012	.02	.	.	.
008	IRON	.125	.2	.	.	.
009	MAGNESIUM	.125	.5	.	.	.
010	MANGANESE	.005	.015	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.038	.075	.	.	.
013	LEAD	.125	<.001	.	.	.
014	TITANIUM	.05	.025	.	.	.
015	VANADIUM	.002	<.001	.	.	.
016	SILICON	3.75	.2	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.008	.001	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/3/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1979	16	007	HF TANK FARM

Cols 1–3	Cols 4–16	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT³	155950	20760			
002	TOTAL PART – MG	.	.	.	.	.
003	~~RESIDUE – MG~~ Last Day	⊙607	⊙613	.	.	.
04	ALUMINUM – MG	1.75	.035	.	.	.
005	CALCIUM	.5	2.	.	.	.
006	CHROMIUM	.025	.000	.	.	.
007	COPPER	.025	.012	.	.	.
008	IRON	1.75	.15	.	.	.
009	MAGNESIUM	.125	.25	.	.	.
010	MANGANESE	.01	.01	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.038	.015	.	.	.
013	LEAD	.5	<.001	.	.	.
014	TITANIUM	.05	<.002	.	.	.
015	VANADIUM	.002	<.001	.	.	.
016	SILICON	10.	.3	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.002	.000	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R.. Clark

COMPLETION DATE: 7/3/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1979	16	008	K33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	7	3	9	9	4			4	9	3	6	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	Last Day						⊙	6	0	7				⊙	6	1	3				•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	2	5					•	0	3	5				•							•							•		
0	0	5	C	A	L	C	I	U	M					↓					•	5					2	•							•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	0	0				•							•							•		
0	0	7	C	O	P	P	E	R											•	0	1					•	0	1	2				•							•							•		
0	0	8	I	R	O	N													•	2	5					•	1	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	2	5					•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•	0	1					•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	2	5				•	0	1	5				•							•							•		
0	1	3	L	E	A	D													•	1	2	5			<	•	0	0	1				•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8			<	•	0	0	2				•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1			<	•	0	0	1				•							•							•		
0	1	6	S	I	L	I	C	O	N									3	•	7	5					•	1						•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	4				•	0	0	0				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/3/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1979	16	009	SALVAGE YD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	3	1	2	6	0			5	6	5	3	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	Last Day						•	6	0	7				•	6	1	3				•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	2	5					•	0	2	5				•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				1	•						2	•	5						•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	0	0				•							•							•		
0	0	7	C	O	P	P	E	R											•	0	1					•	0	1	5				•							•							•		
0	0	8	I	R	O	N													•	1	2	5				•	1	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	2	5					•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•	0	1	5				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	2	5				•	0	1	5				•							•							•		
0	1	3	L	E	A	D													•	1	2	5			<	•	0	0	1				•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8				•	0	1					•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1			<	•	0	0	1				•							•							•		
0	1	6	S	I	L	I	C	O	N									2	•	5						•	2						•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	1	0				•	0	0	1				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 7/3/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1979	16	010	PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	5	9	8	9	5			4	8	3	6	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	Last Day						0	6	0	7				0	6	1	3				•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	7	5					•	2	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				1	•	2	5				1	•	5						•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	0	0				•							•							•			
0	0	7	C	O	P	P	E	R											•	5						•	0	1	5				•							•							•			
0	0	8	I	R	O	N													•	1	2	5				•	1	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	2	5					•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•	0	1	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	5					•	1						•							•							•			
0	1	3	L	E	A	D													•	2	5				<	•	0	0	1				•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8				•	0	0	5				•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2			<	•	0	0	1				•							•							•			
0	1	6	S	I	L	I	C	O	N									2	•	5					1	•	5						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•	0	0	5				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/3/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1979	16	011	K1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	6	4	3	0	5			6	3	6	6	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G						•							•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	Last Day							⊙	6	0	7				⊙	6	1	3				•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G				1	•	2	5					•	2	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓						•	7	5				1	•	5						•							•							•		
0	0	6	C	H	R	O	M	I	U	M										•	0	0	2				•	0	0	0				•							•							•		
0	0	7	C	O	P	P	E	R												•	3	7	5				•	0	1	5				•							•							•		
0	0	8	I	R	O	N														•	2	5					•	1	2	5				•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M									•	1						•	2	5					•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E									•	0	1					•	0	1	5				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•							•							•							•		
0	1	2	N	I	C	K	E	L												•	0	5					•	1						•							•							•		
0	1	3	L	E	A	D														•	2	5				<	•	0	0	1				•							•							•		
0	1	4	T	I	T	A	N	I	U	M										•	0	3	8				•	0	0	5				•							•							•		
0	1	5	V	A	N	A	D	I	U	M										•	0	0	1			<	•	0	0	1				•							•							•		
0	1	6	S	I	L	I	C	O	N										2	•						1	•	5						•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					~~X~~	•						X	•							•							•							•		
0	1	8	U	R	A	N	I	U	M											•	0	1	2				•	0	0	8				•							•							•		
0	1	9																		•							•							•							•							•		
0	2	0																		•							•							•							•							•		
	2	1																		•							•							•							•							•		
0	2	2																		•							•							•							•							•		
0	2	3																		•							•							•							•							•		
0	2	4																		•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/3/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1979	16	012	K1210

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					2	0	3	0	2	0			5	7	8	8	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•							•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~ Last Day							⊙	6	0	7				⊙	6	1	3				•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•							•	7	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				1	•	2	5				5	•							•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	0	0				•							•							•		
0	0	7	C	O	P	P	E	R											•	0	6	2				•	0	1	5				•							•							•		
0	0	8	I	R	O	N													•	3	7	5				•	2	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	4						•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2	5				•	0	1	5				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	5					•	1						•							•							•		
0	1	3	L	E	A	D													•	2	5				<	•	0	0	1				•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8				•	1						•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2			<	•	0	0	1				•							•							•		
0	1	6	S	I	L	I	C	O	N									3	•	7	5				2	•	5						•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	6				•	0	0	4				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/3/79

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 5/25/79 to 6/8/79 (2 weeks) BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 818 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to 1400	8.5	~~85.7~~ 171.4	<.030	.002	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	~~85.7~~ 171.4	<.030	.001	<.014		
3	Radio Tower	1400 to 1400	8.5	~~85.7~~ 171.4	<.030	<.001	<.014		
4	Blair Road	1400 to 1400	8.5	~~85.7~~ 171.4	<.030	.003	<.014		
5	Credit Union	1400 to 1400	8.5	~~85.7~~ 171.4	<.030	<.001	<.014		
6	Cabin	1400 to 1400	8.5	~~85.7~~ 171.4	<.030	<.001	<.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR J. McCall DATE RELEASED 7/3/79

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 6/8/79 to 6/15/79 BUILDING _____ ROUTINE ☒ SPECIAL ☐ REPORT NO. 819 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.146	.001	.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.257	.001	.023		
3	Radio Tower	1400 to 1400	8.5	85.7	.219	.002	.032		
4	Blair Road	1400 to 1400	8.5	85.7	.035	.003	.023		
5	Credit Union	1400 to 1400	8.5	85.7	.058	.003	.020		
6	Cabin	1400 to 1400	8.5	85.7	.044	.003	.020		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY L. L. Clark SUPERVISOR J. S. McCall DATE RELEASED 7/23

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 6/15/79 — 6/22/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT No. 820 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.204	.002	< .014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.671	< .001	< .014		
3	Radio Tower	1400 to 1400	8.5	85.7	.228	.001	< .014		
4	Blair Road	1400 to 1400	8.5	85.7	.117	.004	< .014		
5	Credit Union	1400 to 1400	8.5	85.7	.082	.005	< .014		
6	Cabin	1400 to 1400	8.5	85.7	.067	< .001	< .014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY K. L. Clark SUPERVISOR J. O. McCall DATE RELEASED 7/23/79

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 6/22/79 - 6/29/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 821 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.120	.002	0.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.233	<.001	< 0.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.239	.002	< 0.014		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	.001	< 0.014		
5	Credit Union	1400 to 1400	8.5	85.7	.052	<.001	< 0.014		
6	Cabin	1400 to 1400	8.5	85.7	.047	<.001	< 0.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED B L. Clark SUPERVISOR J. McCall DATE RELEASED 7/2 '79

DATE OF SERVICE TRIP _____ BUILDING _____ ROUTINE ☐ REPORT NO. _____

SPECIAL ☐ REQUESTED BY _____

WIND VANE SAMPLES

SAMPLE NUMBER	SAMPLING ~~LOCATION~~ DATES	SAMPLING TIME Min.	SAMPLING RATE cfm	SAMPLING VOLUME m^3	F (µg)	F (µg/m^3)		Date Released	
7-110	2/27/79 – 3/26/79	4530	0.30	38.4	9.75	0.25		4/16/79	
8-74	2/27/79 – 3/26/79	3198	0.30	27.2	25.0	0.92		4/16/79	
7-111	3/26/79 – 4/24/79	3630	~~X~~0.30	30.8	8.25	0.27			
8-75	3/26/79 – 4/24/79	4488	0.30	38.1	7.5	0.20			
7-112	4/24/79 – 6/7/79	6414	0.3	54.5	5.25	0.10		7/3/79	
8-76	4/24/79 – 6/7/79	5202	0.3	44.2	<2.5	0.06		7/3/79	

SAMPLED D. T. Clark SUPERVISOR B. McCall DATE RELEASED 4/17/

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 6JUNE                1979GASEØUS FLUØRIDE08
001K-901 PUMPHØUSE   -0.030 0.146 0.204 0.120
002K-1206D TRAILER   -0.030 0.257 0.671 0.233
003RADIØ TØWER       -0.030 0.219 0.228 0.239
004BLAIR RØAD        -0.030 0.035 0.117-0.030
005CREDIT UNIØN      -0.030 0.058 0.082 0.052
006WATTS BAR CABIN   -0.030 0.044 0.067 0.047
007WIND VANE B        0.10
008WIND VANE P       -0.06
998
06JUNE                1979URANIUM          08
001K-901 PUMPHØUSE    0.002 0.001 0.002 0.002
002K-1206D TRAILER    0.001 0.001-0.001-0.001
003RADIØ TØWER       -0.001 0.002 0.001 0.002
004BLAIR RØAD         0.003 0.003 0.004 0.001
005CREDIT UNIØN      -0.001 0.003 0.005-0.001
006WATTS BAR CABIN   -0.001 0.003-0.001-0.001
 98
06JUNE                1979CHRØMIUM         08
001K-901 PUMPHØUSE   -0.014 0.014-0.014 0.014
002K-1206D TRAILER   -0.014 0.023-0.014-0.014
003RADIØ TØWER       -0.014 0.032-0.014-0.014
004BLAIR RØAD        -0.014 0.023-0.014-0.014
005CREDIT UNIØN      -0.014 0.020-0.014-0.014
006W[illegible]TTS BAR CABIN -0.014 0.0[illegible]-0.014-0.014
999
```

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1979	02	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	–	F	T	3						9	4	5	0	0			9	3	1	5	0			9	1	8	0	0			9	2	4	7	5							
0	0	2	T	O	T	A	L		P	A	R	T	–	M	G			9	2	•	6			1	2	4	•	5			1	7	7	•	7			1	0	6	•	1						•		
0	0	3	R	E	S	I	D	U	E	–	M	G					1	5	•	4				1	2	•	2				3	0	•	6				3	0	•	8						•			
	0	4	A	L	U	M	I	N	U	M			–	M	G			1	•	7					1	•	2					4	•	8	6				4	•	8						•			
0	0	5	C	A	L	C	I	U	M					↓				1	•	6					2	•	1					3	•	1					1	•	8						•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	8				•	0	0	8				•	0	2					•	0	2					•			
0	0	7	C	O	P	P	E	R											•	5	0					•	3	5					•	3	8					•	1	8					•			
0	0	8	I	R	O	N													•	1	2					•	0	5					•	1	8					•	2	6					•			
0	0	9	M	A	G	N	E	S	I	U	M								•	5	4					•	4	9					•	1	8					•	2	3					•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	3					•	0	2					•	0	8					•	0	9					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•	0	0	1				•	0	0	1				•			
0	1	2	N	I	C	K	E	L											•	1	8					•	0	7					•	0	4	4				•	0	5					•			
0	1	3	L	E	A	D													•	1	5					•	0	6					•	6	1					•	6	2					•			
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	3					•	7	4				1	•	3						•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1				•	0	0	2				•	0	0	1				•	0	0	6				•			
0	1	6	S	I	L	I	C	O	N									2	•	7					1	•	8					4	•	7					6	•	1						•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 9/21/79

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1979 | FIRST DAY: 02 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						7	9	3	0	0			8	5	0	5	0			8	9	1	0	0			8	5	0	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			9	0	•	6			1	1	9	•	5			1	7	6	•	3			1	1	5	•	6						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	6	•	8				1	5	•	2				3	4	•	5				3	8	•	1						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	6					1	•	5					5	•	1					6	•	3						•			
0	0	5	C	A	L	C	I	U	M					↓				1	•	8					1	•	5					2	•	8					2	•	3						•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	8				•	0	0	9				•	0	1					•	0	2					•			
0	0	7	C	O	P	P	E	R											•	8	4					•	7	6					•	7	7					•	6	0					•			
0	0	8	I	R	O	N													•	1	0					•	0	8					•	1	7					•	2	8					•			
0	0	9	M	A	G	N	E	S	I	U	M								•	5	0					•	7	6					•	1	7					•	4	7					•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	3					•	0	2					•	0	6					•	0	9					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•	0	0	1				•	0	0	1				•			
0	1	2	N	I	C	K	E	L											•	1	8					•	0	2					•	0	5					•	0	6					•			
0	1	3	L	E	A	D													•	1	7					•	1	5					•	8	5					•	5	7					•			
0	1	4	T	I	T	A	N	I	U	M									•	0	3					•	0	3				1	•	0					1	•	8						•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1				•	0	0	3				•	0	0	2				•	0	0	4				•			
0	1	6	S	I	L	I	C	O	N									2	•	5					2	•	8					6	•	2					5	•	9						•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•			
0	1	8																	•							•							•							•								•			
0	1	9																	•							•							•							•								•			
0	2	0																	•							•							•							•								•			
	2	1																	•							•							•							•								•			
0	2	2																	•							•							•							•								•			
0	2	3																	•							•							•							•								•			
0	2	4																	•							•							•							•								•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 9/21/79

TFL 9-25

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1979 | FIRST DAY: 02 | STAT. NO.: 003 | LOCATION: EAST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	0	4	5	0			9	5	8	5	0			9	1	8	0	0			9	0	4	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	0	2	•	0			1	1	7	•	9			1	7	4	•	9			1	3	5	•	7						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	1	•	8				1	3	•	5				3	1	•	6				5	8	•	3						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	2					1	•	1					4	•	7				1	0	•	1						•			
0	0	5	C	A	L	C	I	U	M					↓				2	•	8					1	•	3					1	•	7					7	•	9						•			
0	0	6	C	H	R	O	M	I	U	M									•	0	2					•	0	1	7				•	0	1	6				•	0	6					•			
0	0	7	C	O	P	P	E	R										1	•	0						•						2	•	0					3	•	3						•			
0	0	8	I	R	O	N													•	0	4				1	•	0						•	1	6					•	2	9					•			
0	0	9	M	A	G	N	E	S	I	U	M								•	4	3					•	3	4					•	1	6					•	2	0					•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	4					•	0	1					•	0	6					•	0	7					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•	0	0	1				•	0	0	1				•			
0	1	2	N	I	C	K	E	L										2	•	2						•	6	8					•	2	4				1	•	4						•			
0	1	3	L	E	A	D													•	2	7					•	1	4					•	7	0					•	6	3					•			
0	1	4	T	I	T	A	N	I	U	M									•	0	6					•	0	3					•	8	7					•	9	0					•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1				•	0	0	1				•	0	0	1				•	0	0	3				•			
0	1	6	S	I	L	I	C	O	N									2	•	7					2	•	0					5	•	0	5				7	•	3						•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 9/21/79

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1979 | FIRST DAY: 02 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	2	4	7	5			8	9	1	0	0			9	4	5	0	0			9	2	4	7	5							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			9	7	•	8			1	2	9	•	7			2	3	8	•	8			1	5	4	•	5						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	5	•	8				1	4	•	0				4	6	•	8				3	1	•	7						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	7					1	•	7					8	•						5	•	8						•			
0	0	5	C	A	L	C	I	U	M					↓				1	•	7					2	•	0					8	•						1	•	8						•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	8				•	0	0	7				•	0	2					•	0	2					•			
0	0	7	C	O	P	P	E	R											•	4	7					•	8	4				1	•	0						•	1	6					•			
0	0	8	I	R	O	N													•	1	2					•	0	2					•	2	1					•	2	8					•			
0	0	9	M	A	G	N	E	S	I	U	M								•	5	5					•	7	0					•	2	8					•	1	9					•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	3					•	0	2					•	1	1					•	0	6					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•	0	0	1				•	0	0	1				•			
0	1	2	N	I	C	K	E	L											•	0	5					•	1	1					•	3	5					•	2	4					•			
0	1	3	L	E	A	D													•	1	6					•	1	8				2	•	0						•	6	3					•			
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	4				1	•	0						•	9	5					•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1				•	0	0	3				•	0	0	2				•	0	0	6				•			
0	1	6	S	I	L	I	C	O	N									2	•	8					1	•	9					8	•	1					5	•	9						•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: Rs Clark

COMPLETION DATE: 9/21

PARTICULATE AIR DATA

MONTH JULY 06 ~~JUNE~~ | YEAR 1979 | FIRST DAY 05 ~~13~~ | STAT. NO. 005 | LOCATION WINKEL LAKE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	8	4	5	3	5																													
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	0	3	•	7						•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END		DATE				0	7	0	5				•							•							•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			5	•							•							•							•							•		
0	0	5	C	A	L	C	I	U	M					↓					•	5						•							•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•							•							•							•		
0	0	7	C	O	P	P	E	R											•	0	2	5				•							•							•							•		
0	0	8	I	R	O	N												1	•	7	5					•							•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5					•							•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•							•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	3	8				•							•							•							•		
0	1	3	L	E	A	D													•	1	2	5				•							•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•							•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•							•							•							•		
0	1	6	S	I	L	I	C	O	N									7	•	5						•							•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•							•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
`	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																									
9	9	9	(	P	U	N	C	H	)																																									

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark (Richard)

COMPLETION DATE: 7/23/79

PARTICULATE AIR DATA

MONTH: 06 ~~JUNE~~ JULY | YEAR: 1979 | FIRST DAY: ~~13~~ 05 | STAT. NO.: 006 | LOCATION: PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	9	5	4	0	0																											
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			1	2	7	•	7						•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE						0	7	0	5				•							•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5							•							•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				1	•	7	5						•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2					•							•							•							•			
0	0	7	C	O	P	P	E	R											•	0	2	5					•							•							•							•			
0	0	8	I	R	O	N													•	6	2	5					•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5						•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2	5					•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•								•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	5						•							•							•							•			
0	1	3	L	E	A	D													•	2	5						•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8					•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2					•							•							•							•			
0	1	6	S	I	L	I	C	O	N									7	•	5							•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•								•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	4					•							•							•							•			
0	1	9																	•								•							•							•							•			
0	2	0																	•								•							•							•							•			
	2	1																	•								•							•							•							•			
0	2	2																	•								•							•							•							•			
0	2	3																	•								•							•							•							•			
0	2	4																	•								•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.c. Clark

COMPLETION DATE: 7/23/79

PARTICULATE AIR DATA

MONTH: 06 ~~JUNE~~ JULY | YEAR: 1979 | FIRST DAY: ~~13~~ 05 | STAT. NO.: 007 | LOCATION: HF TANK FARM

Code	Item	Value
001	VOLUME – FT³	100850
002	TOTAL PART – MG	68.7
003	~~RESIDUE – MG~~ END DATE	0705
04	ALUMINUM – MG	2.
005	CALCIUM	1.25
006	CHROMIUM	.002
007	COPPER	.012
008	IRON	1.75
009	MAGNESIUM	.175
010	MANGANESE	.01
011	MOLYBDENIUM	.
012	NICKEL	.825
013	LEAD	.125
014	TITANIUM	.038
015	VANADIUM	.002
016	SILICON	7.5
017	OTHERS FOUND	.
018	URANIUM	.002
019		.
020		.
21		.
022		.
023		.
024		.
998	(PUNCH)	
999	(PUNCH)	

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/23/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH JULY 06 ~~JUNE~~ | YEAR 1979 | FIRST DAY 05 ~~13~~ | STAT. NO. 008 | LOCATION K 33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	7	7	6	3	0																												
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	0	5	•	6						•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					⊙	7	0	5				•							•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5						•							•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				1	•							•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•							•							•							•			
0	0	7	C	O	P	P	E	R											•	0	1					•							•							•							•			
0	0	8	I	R	O	N												1	•	7	5					•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5					•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2	5				•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	2	5				•							•							•							•			
0	1	3	L	E	A	D													•	1	2	5				•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8				•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•							•							•							•			
0	1	6	S	I	L	I	C	O	N									5	•							•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/23/79

PARTICULATE AIR DATA

MONTH JULY 06 ~~JUNE~~ | YEAR 1979 | FIRST DAY 05 13 | STAT. NO. 009 | LOCATION SALVAGE YD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					2	0	6	0	0	0																												
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	4	4	•	0						•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END	D	ATE				0	7	0	5				•					•							•					•					•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5						•					•							•					•					•		
0	0	5	C	A	L	C	I	U	M					↓				7	•	5						•					•							•					•					•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•					•							•					•					•		
0	0	7	C	O	P	P	E	R											•	0	1	2				•					•							•					•					•		
0	0	8	I	R	O	N												1	•	7	5					•					•							•					•					•		
0	0	9	M	A	G	N	E	S	I	U	M							1	•	2	5					•					•							•					•					•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•					•							•					•					•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•					•							•					•					•		
0	1	2	N	I	C	K	E	L											•	0	2	5				•					•							•					•					•		
0	1	3	L	E	A	D													•	1	2	5				•					•							•					•					•		
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8				•					•							•					•					•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•					•							•					•					•		
0	1	6	S	I	L	I	C	O	N									7	•	5						•					•							•					•					•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•					•							•					•					•		
0	1	8	U	R	A	N	I	U	M										•	0	0	5				•					•							•					•					•		
0	1	9																	•							•					•							•					•					•		
0	2	0																	•							•					•							•					•					•		
1	2	1																	•							•					•							•					•					•		
0	2	2																	•							•					•							•					•					•		
0	2	3																	•							•					•							•					•					•		
0	2	4																	•							•					•							•					•					•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: Ric Clark

COMPLETION DATE: 7/23/79

PARTICULATE AIR DATA

MONTH JULY 06 ~~JUNE~~ | YEAR 1979 | FIRST DAY 05 ~~13~~ | STAT. NO. 010 | LOCATION PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	6	8	9	3	5																												
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	4	4	•	8						•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						0	7	0	5				•							•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5						•							•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				2	•	5						•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•							•							•							•			
0	0	7	C	O	P	P	E	R											•	5						•							•							•							•			
0	0	8	I	R	O	N												1	•	7	5					•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	6	2	5				•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	2	2	5				•							•							•							•			
0	1	3	L	E	A	D													•	2	5					•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8				•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•							•							•							•			
0	1	6	S	I	L	I	C	O	N									5	•							•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	4	4				•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
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0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 7/23

PARTICULATE AIR DATA

MONTH JULY 06 ~~JUNE~~ | YEAR 1979 | FIRST DAY 05 ~~13~~ | STAT. NO. 011 | LOCATION K 1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	9	0	9	5	0																											
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			1	2	4	•	8						•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END			DATE				0	7	0	5				•							•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G				2	•	5						•							•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					1	•	2	5					•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	0	2				•							•							•							•			
0	0	7	C	O	P	P	E	R												•	6	2	5				•							•							•							•			
0	0	8	I	R	O	N													1	•	7	5					•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	6	2	5				•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	2	5				•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•							•							•							•			
0	1	2	N	I	C	K	E	L												•	1	5					•							•							•							•			
0	1	3	L	E	A	D														•	2	5					•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	3	8				•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2				•							•							•							•			
0	1	6	S	I	L	I	C	O	N										5	•							•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	4	1				•							•							•							•			
0	1	9																		•							•							•							•							•			
0	2	0																		•							•							•							•							•			
	2	1																		•							•							•							•							•			
0	2	2																		•							•							•							•							•			
0	2	3																		•							•							•							•							•			
0	2	4																		•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/23/79

PARTICULATE AIR DATA

MONTH: 06 ~~JUNE~~ JULY | YEAR: 1979 | FIRST DAY: ~~13~~ 05 | STAT. NO.: 012 | LOCATION: K 1210

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					2	0	0	2	0	0																												
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	8	7	•	5						•							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~ END DATE							0	7	0	5				•							•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5						•							•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				2	•	5						•							•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•							•							•							•		
0	0	7	C	O	P	P	E	R											•	0	2	5				•							•							•							•		
0	0	8	I	R	O	N												1	•	7	5					•							•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M							1	•	2	5					•							•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•							•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	3	8				•							•							•							•		
0	1	3	L	E	A	D													•	1	2	5				•							•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•							•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•							•							•							•		
0	1	6	S	I	L	I	C	O	N								1	0	•							•							•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	1	4	8				•							•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
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9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/23/79

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 6/29/79 – 7/6/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 822 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.729	.004	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.379	.001	<.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.117	.002	.014		
4	Blair Road	1400 to 1400	8.5	85.7	.038	.002	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	.061	.006	<.014		
6	Cabin	1400 to 1400	8.5	85.7	.044	<.001	.014		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED B T. L. Clark SUPERVISOR A. S. McCall DATE RELEASED 7/27, 79

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 7/6 - 7/13 BUILDING _____ ROUTINE ☐ REPORT NO. 823

SPECIAL ☐ REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.079	.003	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.292	.001	.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.073	<.001	.014		
4	Blair Road	1400 to 1400	8.5	85.7	.032	.001	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	.047	.002	<.014		
6	Cabin	1400 to 1400	8.5	85.7	.032	.001	<.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED B [signature] SUPERVISOR [signature] DATE RELEASED 8/6/

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 7/13/79 — 7/20/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 824 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.158	.022	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.525	.002	<.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.282	.002	<.014		
4	Blair Road	1400 to 1400	8.5	85.7	.117	<.001	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	.163	.035	<.014		
6	Cabin	1400 to 1400	8.5	85.7	.158	<.001	<.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED B J. L. Clark SUPERVISOR J. McCall DATE RELEASED 8/6 79

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 7/20 - 7/27/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 825 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.140	<.001	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.233	.005	<.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.093	.001	<.014		
4	Blair Road	1400 to 1400	8.5	85.7	.061	<.001	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	.088	.001	<.014		
6	Cabin	1400 to 1400	8.5	85.7	.178	<.001	<.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY L. Clark SUPERVISOR J. S. McCall DATE RELEASED 8/27/

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07JULY                1979GASEØUS   FLUØRIDE06
001K-901  PUMPHØUSE     0.729   0.079   0.158   0.140
002K-1206D  TRAILER     0.379   0.292   0.525   0.233
003RADIØ  TØWER         0.117   0.073   0.282   0.093
004BLAIR  RØAD          0.038   0.032   0.117   0.061
005CREDIT  UNIØN        0.061   0.047   0.163   0.088
006WATTS  BAR  CABIN    0.044   0.032   0.158   0.178
998
07JULY                1979URANIUM                06
001K-901  PUMPHØUSE     0.004   0.003   0.022-0.001
002K-1206D  TRAILER     0.001   0.001   0.002   0.005
003RADIØ  TØWER         0.002-0.001   0.002   0.001
004BLAIR  RØAD          0.002   0.001-0.001-0.001
005CREDIT  UNIØN        0.006   0.002   0.035   0.001
006WATTS  BAR  CABIN   -0.001   0.001-0.001-0.001
998
07JULY                1979CHRØMIUM               06
001K-901  PUMPHØUSE    -0.014-0.014-0.014-0.014
002K-1206D  TRAILER    -0.014   0.014-0.014-0.014
003RADIØ  TØWER         0.014   0.014-0.014-0.014
004BLAIR  RØAD         -0.014-0.014-0.014-0.014
005CREDIT  UNIØN       -0.014-0.014-0.014-0.014
006WATTS  BAR  CABIN    0.014-0.014-0.014-0.014
999
```

UCN-7230
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1979	03	001	WEST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	3	1	5	0			9	0	4	5	0			8	3	7	0	0			9	6	5	2	5							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		2	0	2	1							•				1	5	6	•	2			1	0	5	•	5						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					4	5	•	9						•					2	6	•					1	4	•	4						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			4	•	8				filter		•	lost					3	•						2	•							•			
0	0	5	C	A	L	C	I	U	M					↓				7	•	9						•						5	•						2	•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	2					•							•	0	0	7				•	3						•			
0	0	7	C	O	P	P	E	R											•	2	3					•							•	3						•	3						•			
0	0	8	I	R	O	N													•	1	2					•							•	3						•	5						•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	8					•							•	3						•	2						•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	7					•							•	0	0	9				•	0	0	1				•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•	0	0	1				•							•	0	0	0				•	0	0	1				•			
0	1	2	N	I	C	K	E	L											•	2	3					•							•	0	2					•	3						•			
0	1	3	L	E	A	D												1	•	3						•							•	1						•	2						•			
0	1	4	T	I	T	A	N	I	U	M									•	3	4					•							•	0	3					•	0	1					•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•							•	0	0	8				•	0	0	1				•			
0	1	6	S	I	L	I	C	O	N									6	•	9						•						3	•						3	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•			
0	1	8																	•							•							•							•								•			
0	1	9																	•							•							•							•								•			
0	2	0																	•							•							•							•								•			
	2	1																	•							•							•							•								•			
0	2	2																	•							•							•							•								•			
0	2	3																	•							•							•							•								•			
0	2	4																	•							•							•							•								•			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/11/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1979	03	002	NORTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	5	0	5	0			8	9	1	0	0			8	5	0	5	0			8	3	0	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		2	1	3	.	3			4	1	9	.	9			1	4	3	.	9			1	0	7	.	3						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					4	7	.	0				4	2	.	8				3	1	.	6				1	6	.	8						.			
	0	4	A	L	U	M	I	N	U	M			-	M	G			5	.	8					4	.						3	.						2	.							.			
0	0	5	C	A	L	C	I	U	M					↓				6	.	1					8	.						5	.						3	.							.			
0	0	6	C	H	R	O	M	I	U	M				↓					.	0	2					.	0	2					.	0	0	8				.	3						.			
0	0	7	C	O	P	P	E	R										2	.						2	.							.	7						.	3						.			
0	0	8	I	R	O	N													.	0	6					.	4						.	3						.	5						.			
0	0	9	M	A	G	N	E	S	I	U	M								.	1	9				1	.							.	4						.	3						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	9					.	0	2					.	0	1					.	0	0	2				.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.	0	0	1				.	0	0	0				.	0	0	0				.	0	0	1				.			
0	1	2	N	I	C	K	E	L											.	0	7					.	0	6					.	0	4					.	5						.			
0	1	3	L	E	A	D												1	.	6					1	.							.	1						.	0	1					.			
0	1	4	T	I	T	A	N	I	U	M									.	2	4					.	0	4					.	0	4					.	0	1					.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	1					.	0	1					.	0	0	1				.			
0	1	6	S	I	L	I	C	O	N									6	.	6					5	.						4	.						2	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/11/79

PARTICULATE AIR DATA

MONTH: 08 AUGUST | YEAR: 1979 | FIRST DAY: 03 | STAT. NO.: 003 | LOCATION: EAST HI VOL

1–3	4–11	12–15	16–18	19–20	21–23	24–25	26–30	31–33	34–37	38–40	41–44	45–48	49–51
001	VOLUME-FT³			90	450		93150		90450		93150		
002	TOTAL PART-MG		2	19	.7	2	40.1	1	55.5		93.1		.
003	RESIDUE-MG		5	4.	1	5	3.2	3	6.5	1	1.1		.
004	ALUMINUM-MG			7.	3		5.		3.		2.		.
005	CALCIUM			7.	1	1	0.		7.		2.		.
006	CHROMIUM				.03		.02		.01		.5		.
007	COPPER			3.	2		5.		1.		.2		.
008	IRON				.27		.5		.4		.3		.
009	MAGNESIUM				.19		.5		.5		.2		.
010	MANGANESE				.11		.02		.01		.002		.
011	MOLYBDENIUM				.005		.000		.000		.000		.
012	NICKEL				.11		2.		1.		.5		.
013	LEAD			2.	8		1.3		.2		.02		.
014	TITANIUM				.27		.05		.03		.01		.
015	VANADIUM				.003		.02		.009		.001		.
016	SILICON			8.	0		5.	3		2			.
017	OTHERS FOUND												.
018													.
019													.
020													.
021													.
022													.
023													.
024													.
998	(PUNCH)												
999	(PUNCH)												

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/11/79

10 15
7EB

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1979	03	004	SOUTH HI VOL

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME – FT³	91800	94500	91125	91800	
002	TOTAL PART – MG	233.5	1129.2	138.0	100.	.
003	RESIDUE – MG	53.	48.4	25.1	6.2	.
04	ALUMINUM – MG	6.6	4.	2.	1.	.
005	CALCIUM	7.1	8.	4.	2.	.
006	CHROMIUM	.02	.02	.007	.03	.
007	COPPER	2.6	.5	.3	.08	.
008	IRON	.21	.4	.3	.3	.
009	MAGNESIUM	.26	1.	.4	.03	.
010	MANGANESE	.11	.01	.008	.001	.
011	MOLYBDENUM	.001	.000	.000	.000	.
012	NICKEL	.4	.15	.1	.1	.
013	LEAD	1.9	1.	.3	.1	.
014	TITANIUM	.26	.04	.03	.005	.
015	VANADIUM	.002	.01	.008	.001	.
016	SILICON	7.1	4.	3.	2.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R.c. Clark

COMPLETION DATE: 10/11/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1979 | FIRST DAY: 05 | STAT. NO. 005 | LOCATION: WINKEL LAKE

Code	Item	Cols. 17–23	Cols. 24–30
001	VOLUME-FT³	114065	144120
002	TOTAL PART-MG	39.4	52.1
003	~~RESIDUE-MG~~ END DATE	0718	0802
04	ALUMINUM -MG	.625	SAMPLE
005	CALCIUM	1.25	LOST
006	CHROMIUM	.005	.
007	COPPER	.025	.
008	IRON	.625	.
009	MAGNESIUM	.25	.
010	MANGANESE	.025	.
011	MOLYBDENIUM	.	.
012	NICKEL	.038	.
013	LEAD	.125	.
014	TITANIUM	.038	.
015	VANADIUM	.002	.
016	SILICON	.625	.
017	OTHERS FOUND	.	.
018	URANIUM	.007	.000
019		.	.
020		.	.
21		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12660 (1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 8/30/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1979	02	005	WINKEL LAKE

Code	Item	Cols 17–23	Cols 24–30	Col 34	Col 41	Col 48
001	VOLUME – FT³	136060	148930			
002	TOTAL PART – MG	70.8	17.2			
003	~~RESIDUE – MG~~ END DATE	0815	0829			
004	ALUMINUM – MG	2.5	.375			
005	CALCIUM	3.75	.63			
006	CHROMIUM	.015	.003			
007	COPPER	.012	.012			
008	IRON	2.	.75			
009	MAGNESIUM	.25	.25			
010	MANGANESE	.01	.01			
011	MOLYBDENIUM					
012	NICKEL	.038	.015			
013	LEAD	.25	.13			
014	TITANIUM	.05	.025			
015	VANADIUM	.002	.001			
016	SILICON	3.75	.5			
017	OTHERS FOUND					
018	URANIUM	.002	.003			
019						
020						
21						
022						
023						
024						
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: Rd ark

COMPLETION DATE: 10/12/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1979	05	006	PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	24	25	19	20	21	22	23	27	28	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	1	6	5	0	0		1	4	3	2	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	7	•	1				6	4	•	8						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					0	7	1	8				0	8	0	2				•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	2	5			S	A	M	P	L	E				•							•							•			
0	0	5	C	A	L	C	I	U	M									2	•						L	0	S	T					•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5				•							•							•							•			
0	0	7	C	O	P	P	E	R											•	0	2	5				•							•							•							•			
0	0	8	I	R	O	N													•	6	2	5				•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5					•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2	5				•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	5					•							•							•							•			
0	1	3	L	E	A	D													•	1	2	5				•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8				•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•							•							•							•			
0	1	6	S	I	L	I	C	O	N									1	•	2	5					•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	2	4				•	0	0	2				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 8/30/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1979	02	006	PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	2	7	2	0	0		1	4	2	1	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				9	7	•	6				6	3	•	5						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE						0	8	1	5				0	8	2	9				•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G				1	•	7	5					•	3	8					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					3	•	7	5					•	6	3					•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	0	5				•	0	0	3				•							•							•			
0	0	7	C	O	P	P	E	R												•	0	1	2				•	0	1	2				•							•							•			
0	0	8	I	R	O	N													1	•	2	5					•	7	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	1	7	5				•	1	8					•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	1					•	0	1					•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•							•							•							•			
0	1	2	N	I	C	K	E	L												•	0	2	5				•	0	3					•							•							•			
0	1	3	L	E	A	D														•	1	2	5				•	1						•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	2	5				•	0	3					•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2				•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N										2	•	5						•	5	0					•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	0	2				•	0	0	7				•							•							•			
0	1	9																		•							•							•							•							•			
0	2	0																		•							•							•							•							•			
	2	1																		•							•							•							•							•			
0	2	2																		•							•							•							•							•			
0	2	3																		•							•							•							•							•			
0	2	4																		•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/12/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1979	05	007	HF TANK FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	24	25	26	20	21	22	23	29	28	29	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3							4	4	2	8	0			2	8	9	6	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					8	•	9				2	3	•	7						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							0	7	1	8				0	8	0	2				•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G					•	3	7	5			S	A	M	P	L	E				•							•							•			
0	0	5	C	A	L	C	I	U	M					↓						•	6	2	5			L	O	S	T						•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	0	5				•								•							•							•			
0	0	7	C	O	P	P	E	R												•	0	0	8				•								•							•							•			
0	0	8	I	R	O	N														•	6	2	5				•								•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	2						•								•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	2	5				•								•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•								•							•							•			
0	1	2	N	I	C	K	E	L												•	0	0	8				•								•							•							•			
0	1	3	L	E	A	D														•	1	2	5				•								•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	2	5				•								•							•							•			
0	1	5	V	A	N	A	D	I	U	M									<	•	0	0	1				•								•							•							•			
0	1	6	S	I	L	I	C	O	N											•	5						•								•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•							•								•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	0	0				•	0	0	0					•							•							•			
0	1	9																		•							•								•							•							•			
0	2	0																		•							•								•							•							•			
	2	1																		•							•								•							•							•			
0	2	2																		•							•								•							•							•			
0	2	3																		•							•								•							•							•			
0	2	4																		•							•								•							•							•			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R[illegible] Clark

COMPLETION DATE: 8/30/79

PARTICULATE AIR DATA

MONTH: 08 AUGUST | YEAR: 1979 | FIRST DAY: 02 | STAT. NO. 007 | LOCATION: HF TANK FARM

Code	Item	Cols 17–23	Cols 24–30
001	VOLUME-FT³	108110	107070
002	TOTAL PART-MG	91.1	69.3
003	~~RESIDUE-MG~~ END DATE	0815	0829
04	ALUMINUM -MG	3.75	.63
005	CALCIUM	3.75	.50
006	CHROMIUM	.005	.003
007	COPPER	.012	.008
008	IRON	1.25	.75
009	MAGNESIUM	.25	.2
010	MANGANESE	.01	.01
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.02
013	LEAD	.125	.1
014	TITANIUM	.05	.93
015	VANADIUM	.002	.001
016	SILICON	5.	.75
017	OTHERS FOUND	.	.
018	URANIUM	.001	.002
019		.	.
020		.	.
21		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/12/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1979	05	008	K 33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3							9	4	6	2	0			1	2	7	8	6	5																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				4	8	•	5					5	9	•	6						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							0	7	1	8					0	8	0	2				•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G				1	•						S	A	M	P	L	E				•							•							•			
0	0	5	C	A	L	C	I	U	M					↓						•	6	2	5				L	O	S	T					•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	0	5					•							•							•							•			
0	0	7	C	O	P	P	E	R												•	0	0	8					•							•							•							•			
0	0	8	I	R	O	N														•	6	2	5					•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	2							•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	2	5					•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•								•							•							•							•			
0	1	2	N	I	C	K	E	L												•	0	1	2					•							•							•							•			
0	1	3	L	E	A	D														•	1	2	5					•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	2	5					•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2					•							•							•							•			
0	1	6	S	I	L	I	C	O	N											•	5							•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•								•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	0	0					•	0	0	0				•							•							•			
0	1	9																		•								•							•							•							•			
0	2	0																		•								•							•							•							•			
0	2	1																		•								•							•							•							•			
0	2	2																		•								•							•							•							•			
0	2	3																		•								•							•							•							•			
0	2	4																		•								•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																												
9	9	9	(	P	U	N	C	H	)																																												

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 8/30/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1979	02	008	K 33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	24	18	19	20	21	22	23	31	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	1	3	7	3	0		1	2	2	4	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			8	2	•	9				6	6	•	8						•							•							•		
0	0	3	R	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	G	END	DATE					0	8	1	5				0	8	2	9					•							•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G				•	6	2	5			2	•	5							•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				2	•	5						•	6	3						•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	0	3					•							•							•		
0	0	7	C	O	P	P	E	R											•	0	0	8				•	0	0	8					•							•							•		
0	0	8	I	R	O	N													•	6	2	5				•	7	5						•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	2							•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•	0	3						•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•	~~0~~	~~1~~					•								•							•							•		
0	1	2	N	I	C	K	E	L											•	0	0	8				•	0	2						•							•							•		
0	1	3	L	E	A	D													•	0	7	5				•	1							•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	3						•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2					•							•							•		
0	1	6	S	I	L	I	C	O	N										•	2	5				1	•	3							•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	1				•	0	0	2					•							•							•		
0	1	9																	•							•								•							•							•		
0	2	0																	•							•								•							•							•		
	2	1																	•							•								•							•							•		
0	2	2																	•							•								•							•							•		
0	2	3																	•							•								•							•							•		
0	2	4																	•							•								•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/12/79

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1979 | FIRST DAY: 05 | STAT. NO.: 009 | LOCATION: SALVAGE YD.

1	2	3	4–11	12–15	16–23	24–30	31–38	39–48	49–51
0	0	1	VOLUME-FT³		135740	150175			
0	0	2	TOTAL PART-MG		60.4	68.7			
0	0	3	~~RESIDUE MG~~	END DATE	0718	0802			
	0	4	ALUMINUM-MG		1.5	SAMPLE			
0	0	5	CALCIUM		1.5	LOST			
0	0	6	CHROMIUM		.015				
0	0	7	COPPER		.038				
0	0	8	IRON		.625				
0	0	9	MAGNESIUM		.25				
0	1	0	MANGANESE		.025				
0	1	1	MOLYBDENIUM		.				
0	1	2	NICKEL		.012				
0	1	3	LEAD		.125				
0	1	4	TITANIUM		.038				
0	1	5	VANADIUM		.002				
0	1	6	SILICON		1.75				
0	1	7	OTHERS FOUND		.				
0	1	8	URANIUM		.002	.006			
0	1	9			.				
0	2	0			.				
0	2	1			.				
0	2	2			.				
0	2	3			.				
0	2	4			.				
9	9	8	(PUNCH)						
9	9	9	(PUNCH)						

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 8/30/79

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1979	02	009	SALVAGE YARD

Code	Item	Cols. 17–23	Cols. 24–30
001	VOLUME – FT^3	134095	146290
002	TOTAL PART – MG	124.6	69.4
003	~~RESIDUE – MG~~ END DATE	0815	0829
004	ALUMINUM – MG	2.5	1.8
005	CALCIUM	5.	1.3
006	CHROMIUM	.005	.005
007	COPPER	.01	.01
008	IRON	2.	.75
009	MAGNESIUM	.5	.2
010	MANGANESE	.025	.005
011	MOLYBDENIUM		
012	NICKEL	.015	.008
013	LEAD	.125	.1
014	TITANIUM	.05	.03
015	VANADIUM	.002	.001
016	SILICON	5.	1.8
017	OTHERS FOUND		
018	URANIUM	.002	.003
019			
020			
021			
022			
023			
024			
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/12/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1979 | FIRST DAY: 05 | STAT. NO.: 010 | LOCATION: PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3							1	0	5	9	1	5			1	2	7	1	5	0																			
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				6	7	•	3					8	3	•	5					•						•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE						0	7	1	8					0	8	0	2			•					•						•				
	0	4	A	L	U	M	I	N	U	M			-	M	G				1	•	2	5					S	A	M	P	L	E			•					•						•				
0	0	5	C	A	L	C	I	U	M					↓					1	•	2	5						L	O	S	T				•					•						•				
0	0	6	C	H	R	O	M	I	U	M										•	0	0	5						•						•					•						•				
0	0	7	C	O	P	P	E	R												•	3	7	5						•						•					•						•				
0	0	8	I	R	O	N														•	7	5							•						•					•						•				
0	0	9	M	A	G	N	E	S	I	U	M									•	2								•						•					•						•				
0	1	0	M	A	N	G	A	N	E	S	E									•	0	2	5						•						•					•						•				
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•									•						•					•						•				
0	1	2	N	I	C	K	E	L												•	0	5							•						•					•						•				
0	1	3	L	E	A	D														•	1	2	5						•						•					•						•				
0	1	4	T	I	T	A	N	I	U	M										•	0	3	8						•						•					•						•				
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2						•						•					•						•				
0	1	6	S	I	L	I	C	O	N										1	•	2	5							•						•					•						•				
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•									↓						•					•						•				
0	1	8	U	R	A	N	I	U	M											•	0	0	3						•	0	6	1			•					•						•				
0	1	9																		•									•						•					•						•				
0	2	0																		•									•						•					•						•				
	2	1																		•									•						•					•						•				
0	2	2																		•									•						•					•						•				
0	2	3																		•									•						•					•						•				
0	2	4																		•									•						•					•						•				
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 8/30/79

PARTICULATE AIR DATA

MONTH: 08 AUGUST | YEAR: 1979 | FIRST DAY: 02 | STAT. NO.: 010 | LOCATION: PROPANE FARM

Code	Item	Cols 19–23	Cols 25–30	Col 34	Col 35	Col 41	Col 42	Col 48	Col 49
001	VOLUME – FT³	35420	108300						
002	TOTAL PART – MG	31.0	71.9		.		.		.
003	~~RESIDUE – MG~~ END DATE	0815	0829	.		.		.	
004	ALUMINUM – MG	.125	1.3	.		.		.	
005	CALCIUM ↓	1.25	1.3	.		.		.	
006	CHROMIUM	.002	.003	.		.		.	
007	COPPER	.012	.25	.		.		.	
008	IRON	.25	.75	.		.		.	
009	MAGNESIUM	.175	.1	.		.		.	
010	MANGANESE	.01	.01	.		.		.	
011	MOLYBDENIUM	.	.	.		.		.	
012	NICKEL	.025	.05	.		.		.	
013	LEAD	.075	.25	.		.		.	
014	TITANIUM	.015	.03	.		.		.	
015	VANADIUM	.001	.002	.		.		.	
016	SILICON	.5	1.8	.		.		.	
017	OTHERS FOUND	.	.	.		.		.	
018	URANIUM	.003	.008	.		.		.	
019		.	.	.		.		.	
020		.	.	.		.		.	
021		.	.	.		.		.	
022		.	.	.		.		.	
023		.	.	.		.		.	
024		.	.	.		.		.	
998	(PUNCH)								
999	(PUNCH)								

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/12/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1979	05	011	K 1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	0	6	9	0	0		1	3	4	9	5	0															
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			6	0	•	1				7	6	•	1						•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END	DATE					0	7	1	8				0	8	0	2				•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	7	5			S	A	M	P	L	E				•							•			
0	0	5	C	A	L	C	I	U	M									2	•	5					L	O	S	T					•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5				•							•							•			
0	0	7	C	O	P	P	E	R											•	6	2	5				•							•							•			
0	0	8	I	R	O	N												1	•	2	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	5					•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	6	2				•							•							•			
0	1	3	L	E	A	D													•	2	5					•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	3	8				•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									1	•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	1	4				•	0	5	6				•							•			
0	1	9																	•							•							•							•			
0	2	0																	•							•							•							•			
0	2	1																	•							•							•							•			
0	2	2																	•							•							•							•			
0	2	3																	•							•							•							•			
0	2	4																	•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																		
9	9	9	(	P	U	N	C	H	)																																		

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 8/30/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1979	02	011	K 1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	1	0	5	8	5		1	1	9	2	1	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				8	8	•	8				6	5	•	3						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END			DATE				0	8	1	5					0	8	2	9				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				2	•	5							•	7	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					2	•	5							•	6	3					•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	0	2					•	0	0	3				•							•							•			
0	0	7	C	O	P	P	E	R												•	0	6	2					•	1						•							•							•			
0	0	8	I	R	O	N														•	7	5				1	•	8							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	1	7	5					•	1						•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	0	5					•	0	1					•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•								•							•							•							•			
0	1	2	N	I	C	K	E	L												•	0	5						•	0	5					•							•							•			
0	1	3	L	E	A	D														•	2	5						•	2	5					•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	3	8					•	0	3					•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2					•	0	0	1				•							•							•			
0	1	6	S	I	L	I	C	O	N										2	•	5							•	5						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•								•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	1	3					•	0	1	3				•							•							•			
0	1	9																		•								•							•							•							•			
0	2	0																		•								•							•							•							•			
0	2	1																		•								•							•							•							•			
0	2	2																		•								•							•							•							•			
0	2	3																		•								•							•							•							•			
0	2	4																		•								•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																												
9	9	9	(	P	U	N	C	H	)																																												

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/12/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1979	05	012	K 1200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	2	8	5	8	0			1	4	9	2	4	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				4	9	•	6					6	8	•	2						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END	DATE						0	7	1	8					0	8	0	2				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G					•	6	2	5			S	A	M	P	L	E				•							•							•			
0	0	5	C	A	L	C	I	U	M					↓						•	7	5					L	O	S	T					•							•							•			
0	0	6	C	H	R	O	M	I	U	M				↓						•	0	0	5					•							•							•							•			
0	0	7	C	O	P	P	E	R												•	0	2	5					•							•							•							•			
0	0	8	I	R	O	N														•	6	2	5					•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	1	5						•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	1						•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•								•							•							•							•			
0	1	2	N	I	C	K	E	L												•	0	2	5					•							•							•							•			
0	1	3	L	E	A	D														•	1	2	5					•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	3	8					•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2					•							•							•							•			
0	1	6	S	I	L	I	C	O	N										1	•								•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•								•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	0	4					•	0	0	9				•							•							•			
0	1	9																		•								•							•							•							•			
0	2	0																		•								•							•							•							•			
0	2	1																		•								•							•							•							•			
0	2	2																		•								•							•							•							•			
0	2	3																		•								•							•							•							•			
0	2	4																		•								•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																												
9	9	9	(	P	U	N	C	H	)																																												

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 8/30/79

PARTICULATE AIR DATA

MONTH: 08 AUGUST | YEAR: 1979 | FIRST DAY: 02 | STAT. NO.: 012 | LOCATION: K1200

Code	Item	Cols 17–23	Cols 26–30
001	VOLUME – FT^3	128580	27920
002	TOTAL PART – MG	93.6	47.7
003	~~RESIDUE – MG~~ END DATE	0815	0829
004	ALUMINUM – MG	2.5	1.8
005	CALCIUM	2.5	.5
006	CHROMIUM	.002	.003
007	COPPER	.038	.008
008	IRON	.75	.5
009	MAGNESIUM	.125	.1
010	MANGANESE	.012	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.038	.03
013	LEAD	.125	.03
014	TITANIUM	.05	.02
015	VANADIUM	.002	<.001
016	SILICON	5.	.5
017	OTHERS FOUND	.	.
018	URANIUM	.005	.008
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 10/12/79

UCN-12660
(1 5-78)

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 7/27/79 – 8/3/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 826 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	0.114	0.001	0.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	0.321	0.004	0.023		
3	Radio Tower	1400 to 1400	8.5	85.7	0.228	0.002	0.018		
4	Blair Road	1400 to 1400	8.5	85.7	0.108	0.004	0.020		
5	Credit Union	1400 to 1400	8.5	85.7	0.093	0.002	0.014		
6	Cabin	1400 to 1400	8.5	85.7	0.088	<0.001	0.023		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY R. L. Clark SUPERVISOR L. L. Call DATE RELEASED 9/18/

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 8/3/79 – 8/10/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 827 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	0.158	0.001	0.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	0.525	0.004	.023		
3	Radio Tower	1400 to 1400	8.5	85.7	0.371	0.002	0.018		
4	Blair Road	1400 to 1400	8.5	85.7	0.350	0.004	0.020		
5	Credit Union	1400 to 1400	8.5	85.7	0.108	0.002	0.014		
6	Cabin	1400 to 1400	8.5	85.7	0.055	<.001	0.023		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED B R. L. Clark SUPERVISOR J&r Coll DATE RELEASED 9/18/7

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 8/10/79 -- 8/17/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 828 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.085	.003	.018		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.239	.001	.035		
3	Radio Tower	1400 to 1400	8.5	85.7	.137	.003	.020		
4	Blair Road	1400 to 1400	8.5	85.7	.044	.002	.020		
5	Credit Union	1400 to 1400	8.5	85.7	.061	.003	.023		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.001	.018		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED B P.L. Clark SUPERVISOR J. McCall DATE RELEASED 9/18/

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 8/17 - 8/24 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 829 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	~~8.5~~ 148.0	85.7	.044	.001	<.014		
2	K-1206-D Trailer LAB LOCK REMOVED FROM GATE	1400 to 1400	8.5	85.7	—	—	—		
3	Radio Tower	1400 to 1400	8.5	85.7	.190	.001	.014		
4	Blair Road	1400 to 1400	8.5	85.7	.128	<.001	.023		
5	Credit Union	1400 to 1400	8.5	85.7	.079	<.001	.018		
6	Cabin	1400 to 1400	8.5	85.7	.044	<.001	.029		

DISTRIBUTION:

E. J. Barber — T. E. Bard

T. Kwasnoski — R. D. Gilmore

SAMPLED BY T. L. Clark SUPERVISOR J. L. McCall DATE RELEASED 9/18/7

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 8/24 – 8/31/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 830 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to 1400	8.5	~~85.7~~ 131	.094	.001	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	1.31	.010	.020		
3	Radio Tower	1400 to 1400	8.5	85.7	.158	.002	.020		
4	Blair Road	1400 to 1400	8.5	85.7	.166	.002	.020		
5	Credit Union No Sample, Power Cut OFF	1400 to 1400	8.5	85.7	—	—	—		
6	Cabin	1400 to 1400	8.5	85.7	.099	.001	.035		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR J. E. McCall DATE RELEASED 9/18/79

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08AUGUST          1979GASEØUS  FLUØRIDE03
-01K-901  PUMPHØUSE      0.114   0.158   0.085   0.044   0.094
-02K-1206D TRAILER       0.321   0.525   0.239           1.31
003RADIØ  TØWER          0.228   0.321   0.137   0.190   0.158
004BLAIR  RØAD           0.108   0.350   0.044   0.128   0.166
005CREDIT  UNIØN         0.093   0.108   0.061   0.079
006WATTS  BAR CABIN      0.088   0.055-0.030   0.044   0.099
007WIND VANE B                   0.029
008WIND VANE P                   0.033
998
08AUGUST          1979URANIUM              03
001K-901  PUMPHØUSE      0.001   0.001   0.003   0.001   0.001
002K-1206D TRAILER       0.004   0.004   0.001           0.010
003RADIØ  TØWER          0.002   0.002   0.003   0.001   0.002
004BLAIR  RØAD           0.004   0.004   0.002-0.001   0.002
005CREDIT  UNIØN         0.002   0.002   0.003-0.001
006WATTS  BAR CABIN     -0.001-0.001   0.001-0.001   0.001
998
-8AUGUST          1979CHRØMIUM             03
-01K-901  PUMPHØUSE      0.014   0.014   0.018-0.014-0.014
002K-1206D TRAILER       0.023   0.023   0.035           0.020
003RADIØ  TØWER          0.018   0.018   0.020   0.014   0.020
004BLAIR  RØAD           0.020   0.020   0.020   0.023   0.020
005CREDIT  UNIØN         0.014   0.014   0.023   0.018
006W-TTS  BAR CABIN      0.023   0.023   0.018   0.029   0.035
999
```

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1979 | FIRST DAY: 04 | STAT. NO.: 001 | LOCATION: WEST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	–	F	T	3						9	5	2	0	0			9	5	2	0	0			9	7	9	0	0			9	5	9	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	–	M	G		1	2	9	.	7			2	0	0	.	4			2	5	2	.	4			1	1	4	.	5						.		
0	0	3	R	E	S	I	D	U	E	–	M	G					2	1	.	1				2	8	.	8				4	6	.	0				1	0	.	1						.			
	0	4	A	L	U	M	I	N	U	M			–	M	G			3	.						2	.						5	.						1	.							.			
0	0	5	C	A	L	C	I	U	M					↓				4	.						2	.						3	.						2	.							.			
0	0	6	C	H	R	O	M	I	U	M									.	3						.	0	0	8				.	0	1					.	0	1					.			
0	0	7	C	O	P	P	E	R											.	3						.	1						.	4					2	.							.			
0	0	8	I	R	O	N													.	6					1	.						2	.							.	8						.			
0	0	9	M	A	G	N	E	S	I	U	M								.	4						.	5						.	7						.	5						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	0	1				.	0	3					.	0	5					.	0	2					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.	0	0	1				.	0	0	8				.	0	0	0				.	0	0	0				.			
0	1	2	N	I	C	K	E	L											.	2						.	0	3					.	0	7					.	0	8					.			
0	1	3	L	E	A	D													.	1						.	1						.	2						.	4						.			
0	1	4	T	I	T	A	N	I	U	M									.	0	8					.	0	2					.	0	4					.	0	2					.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	1				.	0	0	4				.	0	0	8				.	0	0	4				.			
0	1	6	S	I	L	I	C	O	N									4	.						4	.						5	.						1	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: [signature]

COMPLETION DATE: 10/23/79

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1979 | FIRST DAY: 04 | STAT. NO.: 002 | LOCATION: NORTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	5	7	0	0			8	7	1	0	0			8	7	1	0	0			8	7	8	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	2	0	.	9			1	7	9	.	2			2	3	1	.	4			1	0	9	.	3						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	1	.	0				2	4	.	6				3	9	.	0				1	5	.	9						.			
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	.						2	.						4	.						1	.							.			
0	0	5	C	A	L	C	I	U	M					↓				3	.						1	.	5					3	.						3	.							.			
0	0	6	C	H	R	O	M	I	U	M				↓					.	3						.	0	0	8				.	0	1					.	0	1					.			
0	0	7	C	O	P	P	E	R											.	3						.	3						.	3					2	.							.			
0	0	8	I	R	O	N													.	5					1	.						2	.							.	8						.			
0	0	9	M	A	G	N	E	S	I	U	M								.	3						.	5						.	6						.	5						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	1					.	0	3					.	0	4					.	0	2					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.	0	0	0				.	0	0	0				.	0	0	8				.	0	0	2				.			
0	1	2	N	I	C	K	E	L											.	4						.	0	2					.	0	4					.	5						.			
0	1	3	L	E	A	D													.	0	2					.	1						.	2						.	5						.			
0	1	4	T	I	T	A	N	I	U	M									.	0	8					.	0	2					.	0	8					.	0	2					.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	1				.	0	0	4				.	0	0	8				.	0	0	4				.			
0	1	6	S	I	L	I	C	O	N									2	.						4	.						6	.						2	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
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9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: JSW

COMPLETION DATE: 10/23/79

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1979 | FIRST DAY: 04 | STAT. NO.: 003 | LOCATION: EAST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	2	5	0	0			9	4	2	0	0			9	3	2	0	0			9	3	8	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	1	9	.	5			1	8	6	.	7			2	2	7	.	5			1	1	9	.	6						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	3	.	9				2	1	.	1				4	5	.	2				1	3	.	1						.			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	.						2	.						4	.							.	8						.			
0	0	5	C	A	L	C	I	U	M					↓				2	.						1	.						2	.						3	.							.			
0	0	6	C	H	R	O	M	I	U	M									.	5						.	0	0	8				.	0	1					.	0	1					.			
0	0	7	C	O	P	P	E	R											.	2						.	5						.	6					3	.							.			
0	0	8	I	R	O	N													.	3					1	.						2	.							.	8						.			
0	0	9	M	A	G	N	E	S	I	U	M								.	2						.	5						.	8						.	5						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	0	2				.	0	3					.	0	4					.	0	2					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.	0	0	0				.	0	0	8				.	0	0	8				.	0	0	2				.			
0	1	2	N	I	C	K	E	L											.	5						.	0	8					.	0	3					.	5						.			
0	1	3	L	E	A	D													.	0	2					.	2						.	2						.	5						.			
0	1	4	T	I	T	A	N	I	U	M									.	0	1					.	0	2					.	0	4					.	0	2					.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	1				.	0	0	4				.	0	0	8				.	0	0	4				.			
0	1	6	S	I	L	I	C	O	N									2	.						3	.						5	.						2	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
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9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: [signature]

COMPLETION DATE: 10/23/79

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1979 | FIRST DAY: 04 | STAT. NO.: 004 | LOCATION: SOUTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	0	5	0	0			9	0	5	0	0			9	3	2	0	0			9	3	2	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	2	1	.	5			1	3	8	.	2			2	5	5	.	9			1	1	1	.	2						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	4	.	3				3	0	.	0				5	4	.	0					8	.	0						.			
	0	4	A	L	U	M	I	N	U	M			-	M	G			3	.						2	.	5				1	2	.						1	.							.			
0	0	5	C	A	L	C	I	U	M					↓				4	.						2	.						5	.						3	.							.			
0	0	6	C	H	R	O	M	I	U	M									.	3						.	0	0	8				.	0	1					.	0	1					.			
0	0	7	C	O	P	P	E	R											.	5						.	3						.	8					2	.							.			
0	0	8	I	R	O	N												1	.						1	.	5					3	.							.	8						.			
0	0	9	M	A	G	N	E	S	I	U	M								.	5						.	6					1	.							.	5						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	0	1				.	0	4					.	0	4					.	0	0	2				.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.	0	0	0				.	0	0	0				.	0	0	0				.	0	0	0				.			
0	1	2	N	I	C	K	E	L											.	5						.	0	6					.	0	8					.	0	5					.			
0	1	3	L	E	A	D													.	5						.	2						.	4						.	4						.			
0	1	4	T	I	T	A	N	I	U	M									.	0	8					.	0	3					.	0	5					.	0	0	8				.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	1				.	0	0	5				.	0	0	6				.	0	0	4				.			
0	1	6	S	I	L	I	C	O	N									4	.						5	.					1	0	.						1	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: [signature]

COMPLETION DATE: 10/23/79

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1979 | FIRST DAY: 829 | STAT. NO.: 005 | LOCATION: WINKEL LAKE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	5	5	8	4	0		1	4	5	4	4	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			6	4	.	0				5	1	.	0						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					⊙	9	1	3				⊙	9	2	7				.							.							.			
	0	4	A	L	U	M	I	N	U	M			-	M	G				.	2	5				1	.	3						.							.							.			
0	0	5	C	A	L	C	I	U	M					↓					.	5					2	.	5	0					.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	0	3				.	0	3					.							.							.			
0	0	7	C	O	P	P	E	R											.	0	1					.	0	3					.							.							.			
0	0	8	I	R	O	N													.	1					1	.	3						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	1						.	2	5					.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	1					.	0	3					.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	8					.	0	5					.							.							.			
0	1	3	L	E	A	D													.	1						.	1						.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	3					.	0	3					.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	0	1				.							.							.			
0	1	6	S	I	L	I	C	O	N									1	.	3					2	.	5						.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M										.	0	0	3				.	0	0	3				.							.							.			
0	1	9																	.							.							.							.							.			
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0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: JDr

COMPLETION DATE: 10/24/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1979	829	006	PORTAL 9

1	2	3	4–11	12–15	16	17–20	21–23	24–25	26–30	31–37	38–40	41–47	48–51
0	0	1	VOLUME-FT³			151	900		79400				
0	0	2	TOTAL PART-MG			80	.1		36.9				
0	0	3	~~RESIDUE MG~~ END DATE			⊙	913		⊙927				
	0	4	ALUMINUM-MG			.	50		1.2				
0	0	5	CALCIUM			1.	3		3.75				
0	0	6	CHROMIUM			.	003		.03				
0	0	7	COPPER			.	01		.01				
0	0	8	IRON			.	25		1.3				
0	0	9	MAGNESIUM			.	1		.25				
0	1	0	MANGANESE			.	005		.03				
0	1	1	MOLYBDENIUM			.			.				
0	1	2	NICKEL			.	08		.05				
0	1	3	LEAD			.	05		.1				
0	1	4	TITANIUM			.	05		.03				
0	1	5	VANADIUM			.	002		.002				
0	1	6	SILICON			2.	0		1.3				
0	1	7	OTHERS FOUND			.			.				
0	1	8	URANIUM			.	167		.017				
0	1	9				.			.				
0	2	0				.			.				
	2	1				.			.				
0	2	2				.			.				
0	2	3				.			.				
0	2	4				.			.				
9	9	8	(PUNCH)										
9	9	9	(PUNCH)										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: JSW Power off

COMPLETION DATE: 10/24/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1979	829	007	HF TANK FARM

Code	Item (cols 4–16)	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT^3	112950	91630			
002	TOTAL PART – MG	69.7	57.0	.	.	.
003	~~RESIDUE – MG~~ END DATE	0913	0927	.	.	.
04	ALUMINUM – MG	.5	1.8	.	.	.
005	CALCIUM ↓	.5	2.50	.	.	.
006	CHROMIUM	.002	.03	.	.	.
007	COPPER	.008	.01	.	.	.
008	IRON	.1	.75	.	.	.
009	MAGNESIUM	.1	.25	.	.	.
010	MANGANESE	.005	.038	.	.	.
011	MOLYBDENUM	.	.	.	.	.
012	NICKEL	.05	.008	.	.	.
013	LEAD	.05	.1	.	.	.
014	TITANIUM	.03	.03	.	.	.
015	VANADIUM	.002	.001	.	.	.
016	SILICON	2.0	1.3	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.003	.008	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: jfl

COMPLETION DATE: 10/24/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1979	829	008	K 33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	3	1	4	0	0		1	2	4	8	0	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			8	0	.	0				5	3	.	9						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					0	9	1	3				0	9	2	7				.							.							.			
	0	4	A	L	U	M	I	N	U	M			-	M	G				.	1					1	.	3						.							.							.			
0	0	5	C	A	L	C	I	U	M					↓					.	5					2	.	5	0					.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	0	1				.	0	3					.							.							.			
0	0	7	C	O	P	P	E	R											.	0	0	8				.	0	0	5				.							.							.			
0	0	8	I	R	O	N													.	1						.	7	5					.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	0	8					.	2						.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	0	8				.	0	3					.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	3					.	0	0	8				.							.							.			
0	1	3	L	E	A	D													.	0	5					.	1						.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	2					.	0	3					.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	0	1				.							.							.			
0	1	6	S	I	L	I	C	O	N										.	5					1	.	3						.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M										.	0	0	1				.	0	0	2				.							.							.			
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UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: [signature]

COMPLETION DATE: 10/24/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1979	829	009	SALVAGE YARD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	5	7	8	3	0		1	1	6	9	4	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				7	6	.	0				3	8	.	5						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE						0	9	1	3				0	9	2	7				.							.							.			
	0	4	A	L	U	M	I	N	U	M			-	M	G				1	.	3					1	.	8						.							.							.			
0	0	5	C	A	L	C	I	U	M					↓					1	.	0					3	.	7	5					.							.							.			
0	0	6	C	H	R	O	M	I	U	M										.	0	0	2				.	0	3					.							.							.			
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0	0	8	I	R	O	N														.	2	5				1	.	3						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M									.	1	8					.	2	5					.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E									.	0	0	5				.	0	3					.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							.							.							.							.							.			
0	1	2	N	I	C	K	E	L												.	0	3					.	0	2					.							.							.			
0	1	3	L	E	A	D														.	0	5					.	2	5					.							.							.			
0	1	4	T	I	T	A	N	I	U	M										.	0	5					.	0	3					.							.							.			
0	1	5	V	A	N	A	D	I	U	M										.	0	0	2				.	0	0	1				.							.							.			
0	1	6	S	I	L	I	C	O	N										2	.	5					1	.	3						.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M											.	0	0	3				.	0	0	5				.							.							.			
0	1	9																		.							.							.							.							.			
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0	2	4																		.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: [signature]

COMPLETION DATE: 10/24/79

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1979 | FIRST DAY: 829 | STAT. NO.: 010 | LOCATION: PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	1	8	4	8	0		1	0	0	5	2	5																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			8	3	.	3			1	8	1	.	1						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END	DATE					0	9	1	3				0	9	2	7				.							.							.			
	0	4	A	L	U	M	I	N	U	M			-	M	G				.	5	0				1	.	8						.							.							.			
0	0	5	C	A	L	C	I	U	M					↓					.	6	3				3	.	7	5					.							.							.			
0	0	6	C	H	R	O	M	I	U	M				↓					.	0	0	2				.	0	3					.							.							.			
0	0	7	C	O	P	P	E	R											.	0	1					.	0	5					.							.							.			
0	0	8	I	R	O	N													.	1					1	.	3						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	1						.	2	5					.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	0	5				.	0	3					.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	5						.	0	5					.							.							.			
0	1	3	L	E	A	D													.	1						.	2	5					.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	3					.	0	3					.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	0	2				.							.							.			
0	1	6	S	I	L	I	C	O	N									1	.	8					3	.	7	5					.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M										.	0	0	6				.	0	0	7				.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: [signature]

COMPLETION DATE: 10/24/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1979	829	011	K 1420

1–3	4–11	12–15	16–18	19–20	21–23	24–25	26–30	31–33	34–36	37–39	40–41	42–44	45–47	48–49	50–51
001	VOLUME-FT³			1 35	700	1	25500								
002	TOTAL PART-MG			63	.2		54.3								
003	~~RESIDUE-MG~~	END DATE		0	913		0927								
004	ALUMINUM-MG			1	.8		2.0								
005	CALCIUM			1	.0		2.50								
006	CHROMIUM				.02		.03								
007	COPPER				.08		.05								
008	IRON				.5		1.0								
009	MAGNESIUM				.2		.25								
010	MANGANESE				.01		.03								
011	MOLYBDENIUM				.		.								
012	NICKEL				.05		.05								
013	LEAD				.25		.25								
014	TITANIUM				.05		.03								
015	VANADIUM				.002		.001								
016	SILICON			2	.50		2.50								
017	OTHERS FOUND				.		.								
018	URANIUM				.011		.015								
019					.		.								
020					.		.								
021					.		.								
022					.		.								
023					.		.								
024					.		.								
998	(PUNCH)														
999	(PUNCH)														

TECHNICIAN'S SIGNATURE: [signature]

COMPLETION DATE: 10/24/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1979	829	012	K 1200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3							1	2	1	1	5		1	3	2	5	9	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					9	.	2				5	5	.	1						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE						0	9	1	3				0	9	2	7				.							.							.		
	0	4	A	L	U	M	I	N	U	M			-	M	G					.	1					2	.	5	0					.							.							.		
0	0	5	C	A	L	C	I	U	M					↓						.	5					3	.	7	5					.							.							.		
0	0	6	C	H	R	O	M	I	U	M										.	0	0	5				.	0	3					.							.							.		
0	0	7	C	O	P	P	E	R												.	0	0	8				.	0	3					.							.							.		
0	0	8	I	R	O	N														.	1					1	.	3						.							.							.		
0	0	9	M	A	G	N	E	S	I	U	M									.	1						.	2	5					.							.							.		
0	1	0	M	A	N	G	A	N	E	S	E									.	0	0	5				.	0	3					.							.							.		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							.	.						.							.							.							.		
0	1	2	N	I	C	K	E	L												.	0	0	8				.	0	5					.							.							.		
0	1	3	L	E	A	D														.	0	1					.	2	5					.							.							.		
0	1	4	T	I	T	A	N	I	U	M										.	0	3					.	0	3					.							.							.		
0	1	5	V	A	N	A	D	I	U	M										.	0	0	1				.	0	0	1				.							.							.		
0	1	6	S	I	L	I	C	O	N										1	.	3					2	.	5	0					.							.							.		
0	1	7	O	T	H	E	R	S		F	O	U	N	D						.							.							.							.							.		
0	1	8	U	R	A	N	I	U	M											.	0	0	0				.	0	5	9				.							.							.		
0	1	9																		.							.							.							.							.		
0	2	0																		.							.							.							.							.		
0	2	1																		.							.							.							.							.		
0	2	2																		.							.							.							.							.		
0	2	3																		.							.							.							.							.		
0	2	4																		.							.							.							.							.		
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

Not Running at Start

TECHNICIAN'S SIGNATURE: [signature]

COMPLETION DATE: 10/24/79

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 8/31 – 9/7/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 831 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	0.085	<0.001	0.029		
2	K-1206-D Trailer Check record no. 832, locked out 9/7	1400 to 1400	8.5	~~85.7~~					
3	Radio Tower	1400 to 1400	8.5	85.7	0.10	<0.001	0.026		
4	Blair Road	1400 to 1400	8.5	85.7	0.11	0.004	0.026		
5	Credit Union Power off	1400 to 1400	8.5	85.7					
6	Cabin	1400 to 1400	8.5	85.7	0.070	<0.001	0.039		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY Clark SUPERVISOR J. S. McCall DATE RELEASED 12/15

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 9/7 - 9/14/79 BUILDING _____ ROUTINE ☐ REPORT NO. 832

SPECIAL ☐ REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	0.15	0.004	0.021		
2	K-1206-D Trailer	1400 to 1400	8.5	~~85.7~~ 343	0.095	0.002	0.023		
3	Radio Tower	1400 to 1400	8.5	85.7	0.14	0.008	0.023		
4	Blair Road	1400 to 1400	8.5	85.7	0.070	<0.001	0.027		
5	Credit Union no power	1400 to 1400	8.5	~~85.7~~					
6	Cabin	1400 to 1400	8.5	85.7	0.038	0.003	0.027		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmor

SAMPLED BY [illegible] SUPERVISOR [illegible] DATE RELEASED [illegible]

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 9/14 – 9/21/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 833 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	0.11	0.002	0.021		
2	K-1206-D Trailer see report No. 834 blocked out 9/21/79	1400 to 1400	8.5	~~85.7~~					
3	Radio Tower	1400 to 1400	8.5	85.7	0.056	0.002	0.033		
4	Blair Road	1400 to 1400	8.5	85.7	0.062	<0.001	0.023		
5	Credit Union	1400 to 1400	8.5	85.7	0.039	<0.001	0.029		
6	Cabin	1400 to 1400	8.5	85.7	<0.03	0.001	0.029		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY L. Clark SUPERVISOR J S McCall DATE RELEASED 10/15

AMBIENT AIR FIELD SAMPLING REPORT

DATE OF SERVICE TRIP 9/21 – 9/28/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 834 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	0.079	0.004	0.023		
2	K-1206-D Trailer 9/14–9/28	1400 to 1400	8.5	~~85.7~~ 171	0.099	0.008	0.023		
3	Radio Tower	1400 to 1400	8.5	85.7	0.061	0.003	0.027		
4	Blair Road	1400 to 1400	8.5	85.7	0.067	<0.001	0.033		
5	Credit Union	1400 to 1400	8.5	85.7	0.041	<0.001	0.033		
6	Cabin	1400 to 1400	8.5	85.7	0.052	0.002	0.035		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY Clark SUPERVISOR J. Call DATE RELEASED 10/15

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09SEPTEMBER     1979GASEØUS FLUØRIDE07
001K-901 PUMPHØUSE    0.085 0.15   0.11    0.079
002K-1206D TRAILER            0.095         0.099
003RADIØ TØWER        0.10  0.14   0.056   0.061
004BLAIR RØAD         0.11  0.070  0.062   0.067
005CREDIT UNIØN                    0.039   0.041
006WATTS BAR CABIN    0.070 0.038-0.03    0.052
998
09SEPTEMBER     1979URANIUM          07
001K-901 PUMPHØUSE   -0.001 0.004  0.002   0.004
002K-1206D TRAILER            0.002         0.008
003RADIØ TØWER       -0.001 0.008  0.002   0.003
004BLAIR RØAD         0.004-0.001-0.001-0.001
005CREDIT UNIØN                   -0.001-0.001
006WATTS BAR CABIN   -0.001 0.003-0.001   0.002
998
09SEPTEMBER     1979CHRØMIUM         07
001K-901 PUMPHØUSE    0.029 0.021  0.021   0.023
002K-1206 TRAILER             0.023         0.023
003RADIØ TØWER        0.026 0.023  0.033   0.027
004BLAIR RØAD         0.026 0.027  0.023   0.033
005CREDIT UNIØN                    0.029   0.033
006WATTS BAR CABIN    0.039 0.027  0.029   0.035
999
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UCN-7230B
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH: 10 OCTOBER | YEAR: 1979 | FIRST DAY: 06 | STAT. NO.: 001 | LOCATION: WEST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	5	9	0	0			9	5	2	0	0			9	2	3	0	0			9	2	3	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	1	3	•	6				3	3	•	9				9	8	•	8				7	5	•	8						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	7	•	7				1	2	•	9				2	8	•	4				2	3	•	0						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						1	•						3	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓				4	•						2	•						4	•						3	•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	1					•	0	0	8				•	0	4					•	0	2					•			
0	0	7	C	O	P	P	E	R										2	•							•	3						•	5						•	4						•			
0	0	8	I	R	O	N													•	8						•	6					1	•	[illegible]						•	6						•			
0	0	9	M	A	G	N	E	S	I	U	M							1	•	5						•	6						•	9	0					•	0	5					•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2					•	0	0	6				•	0	1					•	0	0	8				•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•	—						•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	7					•	0	3					•	1						•	0	3					•			
0	1	3	L	E	A	D													•	4						•	0	8					•	0	4					•	0	8					•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2					•	0	2					•	0	4					•	1						•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	0	4				•	0	0	9				•	0	0	4				•			
0	1	6	S	I	L	I	C	O	N									4	•						2	•						3	•						3	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
`	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 12/10/79

PARTICULATE AIR DATA

MONTH: 10 OCTOBER | YEAR: 1979 | FIRST DAY: 06 | STAT. NO.: 002 | LOCATION: NORTH HI VOL

1–3	4–11	12–15	16–18	19–20	21–23	24–25	26–30	31–37	38–39	40–44	45–51
001	VOLUME-FT3			89	100		87800			84500	
002	TOTAL PART-MG		11	4	.0		42.4		106.4	68.7	
003	RESIDUE-MG		27	.	7		9.5		38.2	25.3	
004	ALUMINUM-MG			1	.		2.		4.	3.	
005	CALCIUM			4	.		1.		4.	3.	
006	CHROMIUM				.01		.008		.03	.01	
007	COPPER			3	.		.5		.8	.5	
008	IRON				.8		.6		1.5	.5	
009	MAGNESIUM			2	.		.6		1.	.05	
010	MANGANESE				.02		.008		.02	.008	
011	MOLYBDENIUM				.002		.		.	.000	
012	NICKEL				.05		.02		.1	.04	
013	LEAD				.4		.1		.1	.08	
014	TITANIUM				.02		.02		.04	.1	
015	VANADIUM				.002		.004		.008	.004	
016	SILICON			3	.		2.		4.	3.	
017	OTHERS FOUND				.		.		.	.	
018					.		.		.	.	
019					.		.		.	.	
020					.		.		.	.	
021					.		.		.	.	
022					.		.		.	.	
023					.		.		.	.	
024					.		.		.	.	
998	(PUNCH)										
999	(PUNCH)										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. E. Clark

COMPLETION DATE: 12/10/79

PARTICULATE AIR DATA

MONTH: 10 OCTOBER | YEAR: 1979 | FIRST DAY: 06 | STAT. NO.: 003 | LOCATION: EAST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	5	9	0	0			9	5	9	0	0			9	2	3	0	0			9	4	2	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			9	0	•	3				3	2	•	6			1	2	6	•	7				5	1	•	1						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	4	•	2					9	•	3				4	8	•	1					6	•	7						•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•						1	•						4	•						1	•							•			
0	0	5	C	A	L	C	I	U	M					↓				4	•						1	•						3	•							•	5						•			
0	0	6	C	H	R	O	M	I	U	M									•	0	1					•	0	0	8				•	0	5					•	0	1					•			
0	0	7	C	O	P	P	E	R										3	•							•	5						•	8						•	5						•			
0	0	8	I	R	O	N													•	8						•	8					1	•						1	•	0						•			
0	0	9	M	A	G	N	E	S	I	U	M								•	5						•	0	5				1	•							•	0	5					•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2					•	0	1					•	0	2					•	0	0	8				•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•	0	0	2				•							•							•	0	0	0				•			
0	1	2	N	I	C	K	E	L										3	•							•	0	3					•	2						•	0	8					•			
0	1	3	L	E	A	D													•	4						•	1						•	1						•	1						•			
0	1	4	T	I	T	A	N	I	U	M									•	0	0	8				•	0	2					•	0	5					•	1						•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	4				•	0	0	9				•	0	2					•			
0	1	6	S	I	L	I	C	O	N									4	•						3	•						3	•						1	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 12/10/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1979	06	004	SOUTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	4	5	0	0			NO POWER																								
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	4	•	8						•							•							•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G						5	•	4						•							•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•							•							•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					•	5						•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M				↓					•	0	1					•							•							•							•			
0	0	7	C	O	P	P	E	R										1	•							•							•							•							•			
0	0	8	I	R	O	N													•	8						•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	5						•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2					•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•	-						•							•							•							•			
0	1	2	N	I	C	K	E	L											•	2						•							•							•							•			
0	1	3	L	E	A	D													•	4						•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	0	8				•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1				•							•							•							•			
0	1	6	S	I	L	I	C	O	N										•	5						•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: RL Clark

COMPLETION DATE: 12/10/79

PARTICULATE AIR DATA

MONTH: 10 OCTOBER YEAR: 1979 FIRST DAY: 927 STAT. NO.: 005 LOCATION: WINKEL LAKE

Card	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT^3	141800	158640	72120		
002	TOTAL PART – MG	44.0	54.5	19.8	.	.
003	~~RESIDUE – MG~~ END DATE	1010	1025	1101	.	.
04	ALUMINUM – MG	.5	1.75	.375	.	.
005	CALCIUM	.625	1.25	.75	.	.
006	CHROMIUM	.002	.015	.002	.	.
007	COPPER	.01	.025	.01	.	.
008	IRON	.125	.125	.25	.	.
009	MAGNESIUM	.125	.175	.175	.	.
010	MANGANESE	.005	.005	.002	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.008	.05	.025	.	.
013	LEAD	.025	.125	.05	.	.
014	TITANIUM	.025	.05	.025	.	.
015	VANADIUM	.001	.002	.002	.	.
016	SILICON	1.75	1.75	.25	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.002	.007	.001	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark.

COMPLETION DATE: 12/10/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1979	927	006	PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	3	7	6	0	0		1	5	4	3	0	0			7	1	1	0	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	4	•	4				5	8	•	6				3	3	•	5						•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					1	0	1	0				1	0	2	5				1	1	0	1				•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G				•	6	2	5			1	•	7	5					•	6	2	5				•							•			
0	0	5	C	A	L	C	I	U	M					↓				1	•	2	5					•	7	5					•	7	5					•							•			
0	0	6	C	H	R	O	M	I	U	M				↓					•	0	0	2				•	0	1	5				•	0	0	2				•							•			
0	0	7	C	O	P	P	E	R											•	0	1	2				•	0	2	5				•	0	0	2				•							•			
0	0	8	I	R	O	N													•	1	2	5				•	1	2	5				•	2	5					•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	1	2	5				•	1	2	5				•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2				•	0	0	5				•	0	0	2				•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	1	5				•	0	5					•	0	2	5				•							•			
0	1	3	L	E	A	D													•	0	0	2				•	1	2	5				•	0	2	5				•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	5					•	0	2	5				•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1				•	0	0	2				•	0	0	2				•							•			
0	1	6	S	I	L	I	C	O	N									1	•	2	5				1	•	7	5				1	•	2	5					•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•	0	0	8				•	0	0	3				•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 12/10/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1979	927	007	HF TANK FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	0	8	2	5	0		1	0	3	7	3	0			5	2	8	0	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				4	7	•	8				5	6	•	5				2	6	•	7						•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE						1	0	1	0				1	0	2	5				1	1	0	1				•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G					•	6	2	5			1	•	7	5					•	3	7	5				•							•			
0	0	5	C	A	L	C	I	U	M					↓					1	•	2	5				1	•	7	5					•	7	5					•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	0	2				•	0	1	5				•	0	0	2				•							•			
0	0	7	C	O	P	P	E	R												•	0	1	2				•	0	1	2				•	0	1					•							•			
0	0	8	I	R	O	N														•	1	2	5				•	1	2	5				•	2	5					•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	1	2	5				•	1	7	5				•	1	2	5				•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	0	5				•	0	0	5				•	0	0	2				•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•							•							•							•			
0	1	2	N	I	C	K	E	L												•	0	1	5				•	0	2	5				•	0	1	5				•							•			
0	1	3	L	E	A	D														•	0	5					•	1	2	5				•	0	2	5				•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	2	5				•	0	5					•	0	1	5				•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	1				•	0	0	2				•	0	0	2				•							•			
0	1	6	S	I	L	I	C	O	N										2	•	5					1	•	2	5					•	2	5					•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	5	4				•	0	0	7				•	0	0	3				•							•			
0	1	9																		•							•							•							•							•			
0	2	0																		•							•							•							•							•			
	2	1																		•							•							•							•							•			
0	2	2																		•							•							•							•							•			
0	2	3																		•							•							•							•							•			
0	2	4																		•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 12/10/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1979	927	008	K 33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	1	8	2	3	5		1	3	4	1	6	0			6	4	4	2	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			3	9	•	7				5	2	•	5				2	3	•	9						•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END	DATE					1	0	1	0				1	0	2	5				1	1	0	1				•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G				•	3	7	5			1	•	2	5					•	2	5					•							•			
0	0	5	C	A	L	C	I	U	M					↓					•	5						•	7	5					•	6	2	5				•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	1	5				•	0	0	2				•							•			
0	0	7	C	O	P	P	E	R											•	0	0	5				•	0	0	8				•	0	0	8				•							•			
0	0	8	I	R	O	N													•	1	2	5				•	1	2	5				•	2	5					•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	1	2	5				•	1						•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	5				•	0	0	2				•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	0	8				•	0	0	8				•	0	0	8				•							•			
0	1	3	L	E	A	D													•	0	2	5				•	1	2	5				•	0	2	5				•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2					•	0	2	5				•	0	1	5				•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1				•	0	0	2				•	0	0	2				•							•			
0	1	6	S	I	L	I	C	O	N									1	•	2	5					•	7	5					•	2	5					•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•	0	0	1				•	0	0	1				•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 12/10/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1979	927	009	SALVAGE YD

Cols 1–3	Cols 4–16	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT³	136540	132280	69550		
002	TOTAL PART – MG	48.0	62.2	27.3	.	.
003	~~RESIDUE – MG~~ END DATE	1010	1025	1101	.	.
004	ALUMINUM – MG	.5	1.75	.25	.	.
005	CALCIUM	1.25	1.75	1.	.	.
006	CHROMIUM	.002	.015	.002	.	.
007	COPPER	.01	.012	.008	.	.
008	IRON	.125	.125	.075	.	.
009	MAGNESIUM	.125	.175	.1	.	.
010	MANGANESE	.005	.005	.002	.	.
011	MOLYBDENIUM	.0	.	.	.	.
012	NICKEL	.008	.005	.008	.	.
013	LEAD	.025	.125	.025	.	.
014	TITANIUM	.025	.05	.025	.	.
015	VANADIUM	.001	.002	.002	.	.
016	SILICON	1.25	.002	.15	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.001	.002	.001	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. T. Clark

COMPLETION DATE: 12/10/79

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1979	927	010	PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						6	8	0	1	5					8	6	0			4	5	5	2	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			3	5	•	1					5	•					3	5	•	9						•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					•	0	1	0				•	0	2	5				•	1	0	1				•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	2	5				1	•	2	5				1	•	2	5					•							•			
0	0	5	C	A	L	C	I	U	M					↓				1	•							•	5					1	•	0	0					•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	1	5				•	0	0	2				•							•			
0	0	7	C	O	P	P	E	R											•	0	6	2				•	0	0	5				•	0	2	5				•							•			
0	0	8	I	R	O	N													•	1	2	5				•	0	7	5				•	2	5					•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	1						•	1	2	5				•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2	5				•	0	0	2				•	0	0	2				•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	1	5				•	0	0	2				•	0	5					•							•			
0	1	3	L	E	A	D													•	0	2	5				•	0	0	5				•	1	2	5				•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	1	5				•	0	0	5				•	0	5					•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1				•	0	0	1				•	0	0	2				•							•			
0	1	6	S	I	L	I	C	O	N									1	•	2	5					•	1	5				2	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	7				•	0	0	0				•	0	0	5				•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 12/10/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1979	927	011	K 1420

Card (1–3)	Item (4–16)	17–23	24–30	31–37
001	VOLUME – FT^3	11890	108040	62890
002	TOTAL PART – MG	53.6	106.3	38.0
003	~~RESIDUE – MG~~ END DATE	1010	1025	1101
004	ALUMINUM – MG	1.25	1.75	.625
005	CALCIUM	1.	.625	.75
006	CHROMIUM	.002	.015	.002
007	COPPER	.5	.075	.012
008	IRON	.25	.125	.375
009	MAGNESIUM	.125	.175	.1
010	MANGANESE	.025	.005	.002
011	MOLYBDENUM	.	.	.
012	NICKEL	.015	.05	.05
013	LEAD	.125	.125	.075
014	TITANIUM	.025	.05	.025
015	VANADIUM	.002	.002	.002
016	SILICON	2.	1.75	.625
017	OTHERS FOUND	.	.	.
018	URANIUM	.019	.032	.021
019		.	.	.
020		.	.	.
021		.	.	.
022		.	.	.
023		.	.	.
024		.	.	.
998	(PUNCH)			
999	(PUNCH)			

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 12/10/79

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1979	927	012	K 1200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3												1	3	0	5	4	0			1	3	1	7	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•					6	6	•	7				1	0	•	6						•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							1	0	1	0				1	0	2	5				1	1	0	1				•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•						1	•	7	5					•	2	5					•							•			
0	0	5	C	A	L	C	I	U	M					↓					•						1	•	7	5					•	5						•							•			
0	0	6	C	H	R	O	M	I	U	M						SAMPLER										•	0	1	5				•	0	0	2				•							•			
0	0	7	C	O	P	P	E	R								WOULD			•	NOT						•	0	2	5				•	0	0	8				•							•			
0	0	8	I	R	O	N											RUN									•	1	2	5				•	0	7	5				•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•							•	1	7	5				•	0	7	5				•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•							•	0	0	5				•	0	0	2				•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•							•	0	2	5				•	0	0	8				•							•			
0	1	3	L	E	A	D													•							•	1	2	5				•	0	1	2				•							•			
0	1	4	T	I	T	A	N	I	U	M									•							•	0	5					•	0	0	5				•							•			
0	1	5	V	A	N	A	D	I	U	M									•							•	0	0	2				•	0	0	1				•							•			
0	1	6	S	I	L	I	C	O	N										•						1	•	7	5					•	0	5					•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•							•	0	1	6				•	0	0	1				•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 12/10/79

DATE OF SERVICE TRIP 9/28/79 to 10/5/79 BUILDING _____ ROUTINE ☑ SPECIAL ☐ REPORT NO. 835 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.079	<.001	.023		
2	K-1206-D Trailer 9/14/79 to 10/5/79	1400 to 1400	8.5	85.7	.030	<.001	<.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.084	.005	.018		
4	Blair Road	1400 to 1400	8.5	85.7	.088	.002	.018		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.001	.029		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.001	.032		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED BY N.W. Bowman R.L. Clark SUPERVISOR J.R. McCall DATE RELEASED 12/10

DATE OF SERVICE TRIP 10/5/79 to 10/15/79 BUILDING _____ ROUTINE ☑ SPECIAL ☐ REPORT NO. 836 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to	8.5	~~85.7~~	.028	.002	<.014		
		1400		122.4					
2	K-1206-D Trailer No Sample	1400 to	8.5	~~85.7~~	—	—	—		
	Gate locked	1400							
3	Radio Tower	1400 to	8.5	~~85.7~~	.036	.003	<.014		
		1400		122.4					
4	Blair Road	1400 to	8.5	~~85.7~~	<.030	.001	.012		
		1400		122.4					
5	Credit Union	1400 to	8.5	~~85.7~~	<.030	.002	.014		
		1400		122.4					
6	Cabin	1400 to	8.5	~~85.7~~	<.030	.001	.010		
		1400		122.4					

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY N.W. Bowman R.L. Clark SUPERVISOR A. L. McCall DATE RELEASED 12/10

DATE OF SERVICE TRIP 10/5 to 10/19/79 BUILDING _____ ROUTINE ☑ SPECIAL ☐ REPORT NO. 837 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to	8.5	~~85.7~~	.173	.005	.002		
		1400		49.0					
2	K-1206-D Trailer 10/5/79 – 10/19/79	1400 to	8.5	~~85.7~~	.036	.001	.001		
		1400		171.4					
3	Radio Tower	1400 to	8.5	~~85.7~~	.056	.002	.002		
		1400		49.0					
4	Blair Road	1400 to	8.5	~~85.7~~	<.051	.002	.002		
		1400		49.0					
5	Credit Union	1400 to	8.5	~~85.7~~	<.051	.001	.002		
		1400		49.0					
6	Cabin	1400 to	8.5	~~85.7~~	<.051	.002	.002		
		1400		49.0					

DISTRIBUTION:
E. J. Barber T. E. Bard
T. Kwasnoski R. D. Gilmore

SAMPLED BY P. L. Clark N. W. Bowman SUPERVISOR J. J. McCall DATE RELEASED 12/10

DATE OF SERVICE TRIP 10/19/79 — 10/26/79 BUILDING _____ ROUTINE ☑ REPORT NO. 838

SPECIAL ☐ REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.055	<.001	.029		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.142	.012	.029		
3	Radio Tower	1400 to 1400	8.5	85.7	.088	.001	.032		
4	Blair Road	1400 to 1400	8.5	85.7	.070	<.001	.029		
5	Credit Union	1400 to 1400	8.5	85.7	.099	<.001	.026		
6	Cabin	1400 to 1400	8.5	85.7	.032	.008	.029		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark N. W. Bowman SUPERVISOR J. R. McCall DATE RELEASED 12/1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	6
1	0	Ø	C	T	Ø	B	E	R						1	9	7	9	G	A	S	E	Ø	U	S		F	L	U	Ø	R	I	D	E	0	5																														
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E				0	.	0	7	9		0	.	0	2	8		0	.	1	7	3		0	.	0	5	5																							
	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R				0	.	0	3	0								0	.	0	3	6		0	.	1	4	2																							
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R								0	.	0	8	4		0	.	0	3	6		0	.	0	5	6		0	.	0	8	8																							
0	0	4	B	L	A	I	R		R	Ø	A	D									0	.	0	8	8	-	0	.	0	3	0	-	0	.	0	5	1		0	.	0	7	0																							
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N					-	0	.	0	3	0	-	0	.	0	3	0	-	0	.	0	5	1		0	.	0	9	9																							
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N		-	0	.	0	3	0	-	0	.	0	3	0	-	0	.	0	5	1		0	.	0	3	2																							
0	0	7	W	I	N	D		V	A	N	E		B																				0	.	0	7	0																											
0	0	8	W	I	N	D		V	A	N	E		P																			-	0	.	0	5	2																											
9	9	8																																																														
1	0	Ø	C	T	Ø	B	E	R						1	9	7	9	U	R	A	N	I	U	M											0	5																														
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E		-	0	.	0	0	1		0	.	0	0	2		0	.	0	0	5	-	0	.	0	0	1																							
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R		-	0	.	0	0	1									0	.	0	0	1		0	.	0	1	2																							
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R								0	.	0	0	5		0	.	0	0	3		0	.	0	0	2		0	.	0	0	1																							
0	0	4	B	L	A	I	R		R	Ø	A	D									0	.	0	0	2		0	.	0	0	1		0	.	0	0	2	-	0	.	0	0	1																							
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N							0	.	0	0	1		0	.	0	0	2		0	.	0	0	1	-	0	.	0	0	1																							
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N				0	.	0	0	1		0	.	0	0	1		0	.	0	0	2		0	.	0	0	8																							
9	9	8																																																													
1	0	Ø	C	T	Ø	B	E	R						1	9	7	9	C	H	R	Ø	M	I	U	M										0	5																														
	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E				0	.	0	2	3	-	0	.	0	1	4		0	.	0	0	2		0	.	0	2	9																							
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R		-	0	.	0	1	4									0	.	0	0	1		0	.	0	2	9																							
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R								0	.	0	1	8	-	0	.	0	1	4		0	.	0	0	2		0	.	0	3	2																							
0	0	4	B	L	A	I	R		R	Ø	A	D									0	.	0	1	8		0	.	0	1	2		0	.	0	0	2		0	.	0	2	9																							
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N							0	.	0	2	9		0	.	0	1	4		0	.	0	0	2		0	.	0	2	6																							
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N				0	.	0	3	2		0	.	0	1	0		0	.	0	0	2		0	.	0	2	9																							
9	9	9																																																													

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1979 | FIRST DAY: 07 | STAT. NO.: 001 | LOCATION: WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	4	5	0	0			9	7	2	0	0			9	5	9	0	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	3	•	8			1	0	7	•	5					8	•	8						•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	7	•	3				7	6	•	4				2	0	•	3						•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•						4	•						2	•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				5	•						2	•						3	•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	2					•	0	8					•	0	1					•							•			
0	0	7	C	O	P	P	E	R										1	•						2	•							•	5						•							•			
0	0	8	I	R	O	N												1	•						2	•							•	7						•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	0	8					•	1					1	•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	8				•	0	6					•	0	2					•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•	0	0	0				•							•							•			
0	1	2	N	I	C	K	E	L											•	0	5					•	6						•	0	4					•							•			
0	1	3	L	E	A	D													•	1						•	6						•	4						•							•			
0	1	4	T	I	T	A	N	I	U	M									•	2						•	4						•	0	2					•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	2					•	0	1					•							•			
0	1	6	S	I	L	I	C	O	N									5	•						8	•						3	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. J. Clark

COMPLETION DATE: 1/7/80

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1979 | FIRST DAY: 07 | STAT. NO.: 002 | LOCATION: NORTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	7	7	5	0			8	9	1	0	0			8	7	1	0	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			3	8	•	9				6	2	•	6				1	0	•	9						•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	3	•	1				3	0	•	1				2	2	•	5						•							•		
	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•						2	•							2	•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				4	•						3	•							3	•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	1					•	0	2					•	0	1						•							•		
0	0	7	C	O	P	P	E	R											•	8						•	7						•	5							•							•		
0	0	8	I	R	O	N												1	•							•	8						•	7							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	0	5					•	0	5				1	•								•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	8				•	0	0	8				•	0	2						•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•	0	0	0				•							•								•							•		
0	1	2	N	I	C	K	E	L											•	0	2					•	0	3					•	0	3						•							•		
0	1	3	L	E	A	D													•	0	8					•	0	8					•	3							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	1						•	1						•	0	2						•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	0	4				•	0	1						•							•		
0	1	6	S	I	L	I	C	O	N									4	•						3	•						3	•								•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•								•							•		
0	1	8																	•							•							•								•							•		
0	1	9																	•							•							•								•							•		
0	2	0																	•							•							•								•							•		
	2	1																	•							•							•								•							•		
0	2	2																	•							•							•								•							•		
0	2	3																	•							•							•								•							•		
0	2	4																	•							•							•								•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 1/7/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1979 | FIRST DAY: 07 | STAT. NO.: 003 | LOCATION: EAST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	7	2	0	0			9	8	5	5	0			9	5	9	0	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	1	•	6				6	9	•	5				1	6	•	3						•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	8	•	5				3	2	•	6				1	2	•	3						•							•		
1	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•						2	•							1	•						•							•		
0	0	5	C	A	L	C	I	U	M					↓				4	•						4	•							1	•						•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2					•	0	2						•	0	1				•							•		
0	0	7	C	O	P	P	E	R											•	6					4	•	0					1	•						•							•		
0	0	8	I	R	O	N													•	7						•	5						•	7					•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	0	5					•	0	5				1	•						•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	8				•	0	0	8				•	0	2				•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•	0	0	0				•	0	0	0				•	0	0	4			•							•		
0	1	2	N	I	C	K	E	L											•	0	8					•	3						•	0	6				•							•		
0	1	3	L	E	A	D													•							•	1						•	4					•							•		
0	1	4	T	I	T	A	N	I	U	M									•	1						•	1						•	0	2				•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	0	4				•	0	1				•							•		
0	1	6	S	I	L	I	C	O	N									4	•						3	•						1	•						•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•						•							•		
0	1	8																	•							•							•						•							•		
0	1	9																	•							•							•						•							•		
0	2	0																	•							•							•						•							•		
	2	1																	•							•							•						•							•		
0	2	2																	•							•							•						•							•		
0	2	3																	•							•							•						•							•		
0	2	4																	•							•							•						•							•		
9	9	8	(	P	U	N	C	H	)																																									
9	9	9	(	P	U	N	C	H	)																																									

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 1/7/80

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1979 | FIRST DAY: 07 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	4	5	0	0			9	7	2	0	0			9	7	2	0	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	3	•	6				7	1	•	5				1	0	•	7						•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	6	•	8				3	6	•	4				2	5	•	3						•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•						3	•							3	•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				5	•						4	•							3	•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2					•	0	1					•	0	1						•							•		
0	0	7	C	O	P	P	E	R											•	8						•	7						•	5							•							•		
0	0	8	I	R	O	N												1	•							•	7						•	7							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	0	5					•	0	5				1	•								•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	8				•	0	1					•	0	2						•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•	0	0	0				•								•							•		
0	1	2	N	I	C	K	E	L											•	0	5					•	0	3					•	0	4						•							•		
0	1	3	L	E	A	D													•	1						•	0	8					•	0	4						•							•		
0	1	4	T	I	T	A	N	I	U	M									•	1						•	2						•	0	2						•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	0	4				•	0	1						•							•		
0	1	6	S	I	L	I	C	O	N									5	•						4	•						4	•								•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•								•							•		
0	1	8																	•							•							•								•							•		
0	1	9																	•							•							•								•							•		
0	2	0																	•							•							•								•							•		
0	2	1																	•							•							•								•							•		
0	2	2																	•							•							•								•							•		
0	2	3																	•							•							•								•							•		
0	2	4																	•							•							•								•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 1/7/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1979	01	005	WINKEL LAKE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	6	3	0	0	0		1	0	3	5	3	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	9	.	6				2	8	.	5						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						.	1	1	9				.	1	2	9				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				.	7	5					.	7	5					.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				1	.	7	5				1	.	7	5					.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	2					.	0	2					.							.							.			
0	0	7	C	O	P	P	E	R											.	0	5					.	5						.							.							.			
0	0	8	I	R	O	N													.	1	2	5				.	1	2	5				.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	1	7	5				.	1	2	5				.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	1					.	0	0	5				.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	5					.	0	5					.							.							.			
0	1	3	L	E	A	D													.	2	5					.	1	2	5				.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	5					.	0	5					.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	0	2				.							.							.			
0	1	6	S	I	L	I	C	O	N									1	.	7	5				1	.	2	5					.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M										.	0	0	6				.	0	0	1				.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
0	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. J. Clark

COMPLETION DATE: 1/2/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1979	01	006	PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	1	5	3	0	0			9	7	5	0	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				4	1	•	4				3	4	•	2						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE						1	1	1	9				1	1	2	9				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				1	•						1	•	2	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					1	•	7	5				1	•	7	5					•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	2					•	0	2					•							•							•			
0	0	7	C	O	P	P	E	R												•	0	7	5				•	5						•							•							•			
0	0	8	I	R	O	N														•	2						•	1	2	5				•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	1	7	5				•	1	2	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	0	5				•	0	0	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•							•							•							•			
0	1	2	N	I	C	K	E	L												•	0	5					•	0	5					•							•							•			
0	1	3	L	E	A	D														•	2	5					•	1	2	5				•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	5					•	0	5					•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2				•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N										1	•	7	5				1	•	2	5					•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	0	8				•	0	0	4				•							•							•			
0	1	9																		•							•							•							•							•			
0	2	0																		•							•							•							•							•			
0	2	1																		•							•							•							•							•			
0	2	2																		•							•							•							•							•			
0	2	3																		•							•							•							•							•			
0	2	4																		•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 1/2/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1979	01	007	HF TANK FARM

Code	Item	Columns 17–23	Columns 26–30
001	VOLUME – FT³	123315	73315
002	TOTAL PART – MG	67.2	36.8
003	~~RESIDUE – MG~~ END DATE	1119	1129
004	ALUMINUM – MG	1.75	.75
005	CALCIUM	2.5	1.75
006	CHROMIUM	.025	.02
007	COPPER	.075	.5
008	IRON	.25	.075
009	MAGNESIUM	.25	.125
010	MANGANESE	.008	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.05
013	LEAD	.375	.125
014	TITANIUM	.05	.05
015	VANADIUM	.002	.002
016	SILICON	1.75	1.25
017	OTHERS FOUND	.	.
018	URANIUM	.005	.002
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 1/2/80

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1979	01	008	K33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	4	9	6	4	0			8	5	5	0	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				5	6	•	6				3	3	•	4						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							1	1	1	9				1	1	2	9				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				1	•	2	5					•	7	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					2	•	5					2	•	5						•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	2	5				•	0	2					•							•							•			
0	0	7	C	O	P	P	E	R												•	0	2	5				•	0	2	5				•							•							•			
0	0	8	I	R	O	N														•	3	7	5				•	1	2	5				•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	2	5					•	1						•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	2	5				•	0	0	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•							•							•							•			
0	1	2	N	I	C	K	E	L												•	0	5					•	0	2	5				•							•							•			
0	1	3	L	E	A	D														•	5						•	1						•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	5					•	0	5					•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2				•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N										1	•	2	5					•	7	5					•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	3	7				•	0	0	4				•							•							•			
0	1	9																		•							•							•							•							•			
0	2	0																		•							•							•							•							•			
0	2	1																		•							•							•							•							•			
0	2	2																		•							•							•							•							•			
0	2	3																		•							•							•							•							•			
0	2	4																		•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE	COMPLETION DATE
R. L. Clark	1/2/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1979	01	009	Salvage yard

Card	Item	Cols 17–25	Cols 26–33
001	VOLUME – FT³	124865	97415
002	TOTAL PART – MG	52.4	40.3
003	~~RESIDUE – MG~~ END DATE	1119	1129
004	ALUMINUM – MG	1.25	1.25
005	CALCIUM	2.5	3.75
006	CHROMIUM	.025	.02
007	COPPER	.025	1.
008	IRON	.125	.1
009	MAGNESIUM	.25	.125
010	MANGANESE	.008	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.05
013	LEAD	.25	.075
014	TITANIUM	.05	.05
015	VANADIUM	.002	.002
016	SILICON	1.75	1.25
017	OTHERS FOUND	.	.
018	URANIUM	.015	.003
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R.J. Clark

COMPLETION DATE: 1/2/80

UCN-12669
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1979	01	010	PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						7	5	3	0	0			5	6	7	8	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	5	•	8				3	4	•	6						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					1	1	1	9				1	1	2	9					•							•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	7	5				1	•								•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				2	•	5					3	•	7	5						•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2	5				•	0	2						•							•							•		
0	0	7	C	O	P	P	E	R										1	•	2	5				1	•	2	5						•							•							•		
0	0	8	I	R	O	N													•	2	5					•	1	2	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	1	2	5					•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	5					•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•							•		
0	1	2	N	I	C	K	E	L											•	0	5					•	0	5						•							•							•		
0	1	3	L	E	A	D													•	3	7	5				•	1	2	5					•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	5						•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2					•							•							•		
0	1	6	S	I	L	I	C	O	N									1	•	2	5				1	•	2	5						•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	2	1				•	0	2	3					•							•							•		
0	1	9																	•							•								•							•							•		
0	2	0																	•							•								•							•							•		
	2	1																	•							•								•							•							•		
0	2	2																	•							•								•							•							•		
0	2	3																	•							•								•							•							•		
0	2	4																	•							•								•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/2/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1979	01	011	K1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	6	5	6	0	0			6	4	5	5	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				7	5	•	9				4	2	•	3						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE						•	1	1	9					•	1	2	9				•							•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G				1	•	7	5				1	•	2	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓					2	•	5					3	•	7	5					•							•							•		
0	0	6	C	H	R	O	M	I	U	M										•	0	2	5					•	0	2					•							•							•		
0	0	7	C	O	P	P	E	R											1	•	7	5				1	•	2	5					•							•							•		
0	0	8	I	R	O	N														•	2	5						•	1	2	5				•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M									•	1	7	5					•	1	2	5				•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E									•	0	0	5					•	0	0	5				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•								•							•							•							•		
0	1	2	N	I	C	K	E	L												•	0	5						•	0	5					•							•							•		
0	1	3	L	E	A	D														•	5							•	1	2	5				•							•							•		
0	1	4	T	I	T	A	N	I	U	M										•	0	5						•	0	5					•							•							•		
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2					•	0	0	2				•							•							•		
0	1	6	S	I	L	I	C	O	N										1	•	7	5				1	•	2	5					•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•								•							•							•							•		
0	1	8	U	R	A	N	I	U	M											•	0	2	6					•	0	1	8				•							•							•		
0	1	9																		•								•							•							•							•		
0	2	0																		•								•							•							•							•		
	2	1																		•								•							•							•							•		
0	2	2																		•								•							•							•							•		
0	2	3																		•								•							•							•							•		
0	2	4																		•								•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.J. Clark

COMPLETION DATE: 1/2/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1979	01	012	K1200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	1	0	0	0	0			8	5	6	0	0																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	9	•	6				4	2	•	3							:							•							•		
0	0	3	R	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END		DATE				•	1	1	9					•	1	2	9				•							•								•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	7	5				1	•	2	5						•							•								•		
0	0	5	C	A	L	C	I	U	M					↓				2	•	5					3	•	7	5						•							•								•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2	5				•	0	2						•							•								•		
0	0	7	C	O	P	P	E	R										1	•							•	6	2	5					•							•								•		
0	0	8	I	R	O	N													•	1	7	5				•	1	2	5					•							•								•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	1	2	5					•							•								•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	5					•							•								•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•								•		
0	1	2	N	I	C	K	E	L											•	0	5					•	0	5						•							•								•		
0	1	3	L	E	A	D													•	3	7	5				•	0	7	5					•							•								•		
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	5						•							•								•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2					•							•								•		
0	1	6	S	I	L	I	C	O	N									1	•	7	5				1	•	2	5						•							•								•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•								•		
0	1	8	U	R	A	N	I	U	M										•	0	1	2				•	0	5	3					•							•								•		
0	1	9																	•							•								•							•								•		
0	2	0																	•							•								•							•								•		
	2	1																	•							•								•							•								•		
0	2	2																	•							•								•							•								•		
0	2	3																	•							•								•							•								•		
0	2	4																	•							•								•							•								•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 1/2/80

DATE OF SERVICE TRIP 10/26/79 to 11/2/79 BUILDING _____ ROUTINE ☑ REPORT NO. 839

SPECIAL ☐ REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.093	.001	.026		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.283	.004	.026		
3	Radio Tower	1400 to 1400	8.5	85.7	.050	<.001	.023		
4	Blair Road	1400 to 1400	8.5	85.7	.038	.001	.018		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	<.001	.020		
6	Cabin	1400 to 1400	8.5	85.7	.035	<.001	.023		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	
	K-29 Nov 33.8 million SCF								

SAMPLED BY R. L. Clark SUPERVISOR J. McCall DATE RELEASED 12/10

DATE OF SERVICE TRIP 11/2/79 to 11/9/79 BUILDING _____ ROUTINE ☑ SPECIAL ☐ REPORT NO. 840 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.292				
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.438				
3	Radio Tower	1400 to 1400	8.5	85.7	.379				
4	Blair Road	1400 to 1400	8.5	85.7	.052				
5	Credit Union	1400 to 1400	8.5	85.7	.032				
6	Cabin	1400 to 1400	8.5	85.7	<.030				

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR _____ DATE RELEASED _____

DATE OF SERVICE TRIP 11/9 – 11/16/79 BUILDING _____ ROUTINE ☑ SPECIAL ☐ REPORT NO. 841 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.088				
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.213				
3	Radio Tower	1400 to 1400	8.5	85.7	.044				
4	Blair Road	1400 to 1400	8.5	85.7	<.030				
5	Credit Union	1400 to 1400	8.5	85.7	<.030				
6	Cabin	1400 to 1400	8.5	85.7	<.030				

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR _____ DATE RELEASED _____

DATE OF SERVICE TRIP 11/16/79 to 11/30/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 842 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	~~85.7~~ 171.4	.077				
2	K-1206-D Trailer	1400 to 1400	8.5	~~85.7~~ 171.4	.277				
3	Radio Tower	1400 to 1400	8.5	~~85.7~~ 171.4	.175				
4	Blair Road	1400 to 1400	8.5	~~85.7~~ 171.4	.05				
5	Credit Union	1400 to 1400	8.5	~~85.7~~ 171.4	<.030				
6	Cabin	1400 to 1400	8.5	~~85.7~~ 171.4	<.030				

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED BY R. L. Clark SUPERVISOR _____ DATE RELEASED _____

```
11NØVEMBER      1979GASEØUS  11UØRIVE02
 01K-901  PUMPHØUSE     0.093  0.292  0.088          0.077
002K-1206D TRAILER      0.283  0.438  0.213          0.277
003RADIØ TØWER          0.050  0.379  0.044          0.175
004BLAIR RØAD           0.038  0.052 -0.030          0 050
005CREDIT UNIØN        -0.030  0.032 -0.030         -0.030
006WATTS BAR CABIN      0.035 -0.030 -0.030         -0.030
998
11NØVEMBER      1979URANIUM                  02
001K-901  PUMPHØUSE     0.001
002K-1206D TRAILER      0.004
003RADIØ TØWER         -0.001
004BLAIR RØAD           0.001
005CREDIT UNIØN        -0.001
006WATTS BAR CABIN     -0.001
998
11NØVEMBER      1979CHRØMIUM                 02
001K-901  PUMPHØUSE     0.026
002K-1206D TRAILER      0.026
003RADIØ TØWER          0.023
004BLAIR RØAD           0.018
005CREDIT UNIØN         0.020
006WATTS BAR CABIN      0.023
999
```

DATA SHEET (80 column)

UCN-7230B
(3 5-72)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
12 DECEMBER	1979	01	001	WEST HI VOL

Code	Parameter	Value 1	Value 2	Remarks
001	VOLUME – FT³	95900	94500	SAMPLER WOULD NOT START
002	TOTAL PART – MG	82.6	13.2	
003	RESIDUE – MG	18.7	17.5	
004	ALUMINUM – MG	2.	2.	
005	CALCIUM	4.	3.	
006	CHROMIUM	.02	.02	
007	COPPER	.5	.8	
008	IRON	1.	1.	
009	MAGNESIUM	.2	.3	
010	MANGANESE	.02	.02	
011	MOLYBDENIUM	.	.	
012	NICKEL	.02	.02	
013	LEAD	.1	.2	
014	TITANIUM	.05	.05	
015	VANADIUM	.008	.008	
016	SILICON	3.	4.	
017	OTHERS FOUND	.	.	
018		.	.	
019		.	.	
020		.	.	
021		.	.	
022		.	.	
023		.	.	
024		.	.	
998	(PUNCH)			
999	(PUNCH)			

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/9/80

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1979 | FIRST DAY: 01 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1–3	4–11	12–15	16–18	19–20	21–23	24–25	26–30	31–32	33–37	38–39	40–44	45–47	48–51
001	VOLUME-FT3			89	775		86400		89775		90500		
002	TOTAL PART-MG			55	.0		10.4		1.7		31.2		..
003	RESIDUE-MG		23	.3		17	.4	19	.4		3.7		.
004	ALUMINUM-MG			2.			2.		2.		.5		.
005	CALCIUM			4.			3.		4.		.8		.
006	CHROMIUM			.	02		.02		.01		.01		.
007	COPPER			1.	5		.8		.8		.8		.
008	IRON			1.			1.		1.		.5		.
009	MAGNESIUM			.	3		.3		1.		.4		.
010	MANGANESE			.	02		.02		.03		.1		.
011	MOLYBDENIUM			.			.		.		.		.
012	NICKEL			.	03		.03		.05		.2		.
013	LEAD			.	2		.2		.2		.4		.
014	TITANIUM			.	05		.05		.08		.08		.
015	VANADIUM			.	008		.008		.008		.008		.
016	SILICON		5	.		4	.	4	.	1	.		.
017	OTHERS FOUND			.			.		.		.		.
018				.			.		.		.		.
019				.			.		.		.		.
020				.			.		.		.		.
021				.			.		.		.		.
022				.			.		.		.		.
023				.			.		.		.		.
024				.			.		.		.		.
998	(PUNCH)												
999	(PUNCH)												

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/9/80

UCH-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1979 | FIRST DAY: 01 | STAT. NO.: 003 | LOCATION: EAST HIVOL

Code	Item	Value	Remarks
001	VOLUME-FT^3	91800	SAMPLER WOULD NOT RUN
002	TOTAL PART-MG	6.3	SAMPLER WOULD NOT RUN
003	RESIDUE-MG	12.4	
004	ALUMINUM-MG	2.	
005	CALCIUM	3.	
006	CHROMIUM	.02	
007	COPPER	1.5	
008	IRON	1.	
009	MAGNESIUM	.3	
010	MANGANESE	.02	
011	MOLYBDENUM	.	
012	NICKEL	.3	
013	LEAD	.2	
014	TITANIUM	.05	
015	VANADIUM	.008	
016	SILICON	4.	
017	OTHERS FOUND	.	
018		.	
019		.	
020		.	
021		.	
022		.	
023		.	
024		.	
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R Clark

COMPLETION DATE: 1/9/80

UCN-12650
(1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1979 | FIRST DAY: 01 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1–3	4–11	12–15	16–18	19–20	21–23	24–25	26–30	31–33	34–37	38–41	42–44	45–48	49–51
001	VOLUME-FT³			97	200		95900		95900		97200		
002	TOTAL PART-MG			85	.6		16.1		11.4		28.2		.
003	RESIDUE-MG			19	.5	1	8.4		27.4		1.9	.	
004	ALUMINUM-MG			2	.		2.		2.		.1	.	
005	CALCIUM			3	.		3.		5.		.1	.	
006	CHROMIUM				.02		.01		.008		.001	.	
007	COPPER				.5		.8		1.		.15	.	
008	IRON			1	.		1.		1.		.1	.	
009	MAGNESIUM				.3		.3		1.		.07	.	
010	MANGANESE				.02		.02		.02		.002	.	
011	MOLYBDENIUM				.		.		.		.	.	
012	NICKEL				.02		.03		.05		.01	.	
013	LEAD				.2		.2		.2		.02	.	
014	TITANIUM				.05		.05		.08		.002	.	
015	VANADIUM				.008		.008		.008		.008	.	
016	SILICON			4	.		5.		5.		.4	.	
017	OTHERS FOUND				.		.		.		.	.	
018					.		.		.		.	.	
019					.		.		.		.	.	
020					.		.		.		.	.	
021					.		.		.		.	.	
022					.		.		.		.	.	
023					.		.		.		.	.	
024					.		.		.		.	.	
998	(PUNCH)												
999	(PUNCH)												

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/9/80

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
12 DECEMBER	1979	11 29	005	WINKEL LAKE

Card	Item	Cols. 17–23	Cols. 26–33
001	VOLUME - FT³	115555	82675 11
002	TOTAL PART - MG	41.7	27.7
003	~~RESIDUE - MG~~ END DATE	1213	1227
004	ALUMINUM - MG	.5	.3
005	CALCIUM	1.25	.75
006	CHROMIUM	.005	.008
007	COPPER	.008	.025
008	IRON	.1	.125
009	MAGNESIUM	.175	.125
010	MANGANESE	.005	.002
011	MOLYBDENIUM	.	.
012	NICKEL	.008	.025
013	LEAD	.05	.125
014	TITANIUM	.025	.038
015	VANADIUM	.002	.
016	SILICON	.75	.05
017	OTHERS FOUND	.	.
018	URANIUM	.005	.024
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. F. Clark

COMPLETION DATE: 1/18/80

UCN-12659
(1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1979 | FIRST DAY: 11 29 | STAT. NO.: 006 | LOCATION: PORTAL 9

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15 16	17 18 19 20	21 22 23	24 25	26 27 28 29 30	31 32 33	34 35 36 37	38 39 40	41 42 43 44 45 46 47	48 49 50 51
001	VOLUME-FT³		11 1	100	11	5000					
002	TOTAL PART-MG		4 4	.5		46.7		.		.	.
003	~~RESIDUE MG~~	END DATE	12	13		12 27		.		.	.
004	ALUMINUM-MG		.	375		.018		.		.	.
005	CALCIUM	1	.	75		.75		.		.	.
006	CHROMIUM		.	005		.008		.		.	.
007	COPPER		.	012		.012		.		.	.
008	IRON		.	008		.1		.		.	.
009	MAGNESIUM		.	175		.1		.		.	.
010	MANGANESE		.	002		.025		.		.	.
011	MOLYBDENIUM		.	~~008~~		.		.		.	.
012	NICKEL		.	008		.05		.		.	.
013	LEAD		.	05		.125		.		.	.
014	TITANIUM		.	02		.025		.		.	.
015	VANADIUM		.	002		.		.		.	.
016	SILICON		.	5		.25		.		.	.
017	OTHERS FOUND		.			.		.		.	.
018	URANIUM		.	006		.021		.		.	.
019			.			.		.		.	.
020			.			.		.		.	.
21			.			.		.		.	.
022			.			.		.		.	.
023			.			.		.		.	.
024			.			.		.		.	.
998	(PUNCH)										
999	(PUNCH)										

UCN-12669
(1 5-78)

TECHNICIAN'S SIGNATURE: R. T. Clark

COMPLETION DATE: 1/18/80

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1979 | FIRST DAY: 1129 | STAT. NO.: 007 | LOCATION: HF TANK FARM

Code	Item	Cols. 19–23	Cols. 26–30
001	VOLUME-FT^3	88930	88330
002	TOTAL PART-MG	48.0	41.7
003	~~RESIDUE-MG~~ END DATE	1213	1227
004	ALUMINUM -MG	.375	.25
005	CALCIUM	1.75	.75
006	CHROMIUM	.005	.008
007	COPPER	.25	.012
008	IRON	.075	.1
009	MAGNESIUM	.125	.1
010	MANGANESE	.002	.002
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.038
013	LEAD	.05	.025
014	TITANIUM	.02	.038
015	VANADIUM	.002	.002
016	SILICON	.5	.5
017	OTHERS FOUND	.	.
018	URANIUM	.003	.010
019		.	.
020		.	.
21		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12659 (1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/18/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
12 DECEMBER	1979	1129	008	K33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	1	1	4	3	0		1	0	5	0	2	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	3	.	8				4	0	.	1						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						1	2	1	3				1	2	2	7				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				.	5						.	2	5					.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				1	.	7	5					.	7	5					.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	0	5				.	0	0	8				.							.							.			
0	0	7	C	O	P	P	E	R											.	5						.	0	1					.							.							.			
0	0	8	I	R	O	N													.	0	7	5				.	1						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	1	2	5				.	1	2	5				.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	0	2				.	0	0	2				.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	2	5				.	0	2	5				.							.							.			
0	1	3	L	E	A	D													.	0	2	5				.	1	2	5				.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	2	5				.	0	2					.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.							.							.							.			
0	1	6	S	I	L	I	C	O	N										.	5						.	3	7	5				.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M										.	0	0	5				.	0	0	9				.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R L Clark

COMPLETION DATE: 1/18/80

UCN-12660

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1979 | FIRST DAY: 1129 | STAT. NO.: 009 | LOCATION: SALVAGE YD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	3	1	8	3	0			1	4	7	2	2	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	4	•	5				1	9	•	0							•						•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END		DATE				1	2	1	3					1	2	2	7				•						•						•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	7	5	0				•	1	7	5					•						•						•			
0	0	5	C	A	L	C	I	U	M					↓				2	•							•	7	5						•						•						•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5				•	0	2						•						•						•			
0	0	7	C	O	P	P	E	R											•	0	2	5				•	0	0	8					•						•						•			
0	0	8	I	R	O	N													•	1	2	5				•	1							•						•						•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	1	2	5					•						•						•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	3				•	0	0	2					•						•						•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•						•						•			
0	1	2	N	I	C	K	E	L											•	0	2	0				•	0	2	5					•						•						•			
0	1	3	L	E	A	D													•	0	5	0				•	1	2	5					•						•						•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2						•						•						•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•								•						•						•			
0	1	6	S	I	L	I	C	O	N									1	•							•	5							•						•						•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•						•						•			
0	1	8	U	R	A	N	I	U	M										•	0	5	4				•	0	0	1					•						•						•			
0	1	9																	•							•								•						•						•			
0	2	0																	•							•								•						•						•			
	2	1																	•							•								•						•						•			
0	2	2																	•							•								•						•						•			
0	2	3																	•							•								•						•						•			
0	2	4																	•							•								•						•						•			
9	9	8	(	P	U	N	C	H	)																																									
9	9	9	(	P	U	N	C	H	)																																									

TECHNICIAN'S SIGNATURE: R. C. Clark

COMPLETION DATE: 1/18/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1979 | FIRST DAY: 1129 | STAT. NO.: 010 | LOCATION: PROPANE FARM

1–3	4–11	12–15	16–18	19–20	21–23	24–25	26–30	31–33	34	35–37	38–40	41	42–44	45–47	48	49–51
001	VOLUME-FT³			53	840		36510									
002	TOTAL PART-MG			16	.9		23.0			.			.			.
003	~~RESIDUE-MG~~	END DATE		1	213		1227		.			.			.	
004	ALUMINUM	-MG		.	5		.25		.			.			.	
005	CALCIUM	↓		1	.		.5		.			.			.	
006	CHROMIUM			.	005		.008		.			.			.	
007	COPPER			.	008		.025		.			.			.	
008	IRON			.	1		.1		.			.			.	
009	MAGNESIUM			.	175		.125		.			.			.	
010	MANGANESE			.	002		.002		.			.			.	
011	MOLYBDENIUM			.			.		.			.			.	
012	NICKEL			.	008		.025		.			.			.	
013	LEAD			.	05		.125		.			.			.	
014	TITANIUM			.	025		.02		.			.			.	
015	VANADIUM			.	002		.		.			.			.	
016	SILICON			.	750		.038		.			.			.	
017	OTHERS FOUND			.			.		.			.			.	
018	URANIUM			.	006		.003		.			.			.	
019				.			.		.			.			.	
020				.			.		.			.			.	
021				.			.		.			.			.	
022				.			.		.			.			.	
023				.			.		.			.			.	
024				.			.		.			.			.	
998	(PUNCH)															
999	(PUNCH)															

UCN-12660 (1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/18/80

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1979 | FIRST DAY: 11 29 | STAT. NO.: 011 | LOCATION: K 1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	8	7	1	0		1	1	8	7	4	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			3	7	•	1				4	4	•	4						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	E	N	D		D	A	T	E	1	2	1	3			1	2	2	7				•						•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	3	7	5					•	2						•						•							•		
0	0	5	C	A	L	C	I	U	M					↓					•	7	5	0					•	5						•						•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5					•	0	0	8				•						•							•		
0	0	7	C	O	P	P	E	R											•	0	0	8					•	0	2	5				•						•							•		
0	0	8	I	R	O	N													•	1							•	1						•						•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	2							•	1	2	5				•						•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2					•	0	0	2				•						•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•								•							•						•							•		
0	1	2	N	I	C	K	E	L											•	0	0	8					•	0	2	5				•						•							•		
0	1	3	L	E	A	D													•	0	5						•	1	2	5				•						•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5					•	0	2					•						•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2					•							•						•							•		
0	1	6	S	I	L	I	C	O	N										•	5							•	5						•						•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•								•							•						•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	6					•	0	1	8				•						•							•		
0	1	9																	•								•							•						•							•		
0	2	0																	•								•							•						•							•		
	2	1																	•								•							•						•							•		
0	2	2																	•								•							•						•							•		
0	2	3																	•								•							•						•							•		
0	2	4																	•								•							•						•							•		
9	9	8	(	P	U	N	C	H	)																																									
9	9	9	(	P	U	N	C	H	)																																									

TECHNICIAN'S SIGNATURE: R. J. Clark

COMPLETION DATE: 1/18/80

UCN-12650
(1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1979 | FIRST DAY: 11 29 | STAT. NO.: 012 | LOCATION: K 1200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	0	1	8	0	0		1	0	6	0	0	0																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	5	•	0				4	1	•	1						•								•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	E	N	D	D	A	T	E	1	2	1	3				1	2	2	7				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5							•	3	7	5				•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					•	7	5	0			1		•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5					•	0	0	8				•							•							•			
0	0	7	C	O	P	P	E	R											•	0	0	8					•	0	3					•							•							•			
0	0	8	I	R	O	N													•	0	7	5					•	1						•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5					•	1	2	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2					•	0	0	2				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•								•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	0	8					•	0	2	5				•							•							•			
0	1	3	L	E	A	D													•	0	7	5					•	1	2	5				•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5					•	0	3	8				•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2					•							•							•							•			
0	1	6	S	I	L	I	C	O	N										•	5							•	5						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•								•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	1	3					•	2	4	5				•							•							•			
0	1	9																	•								•							•							•							•			
0	2	0																	•								•							•							•							•			
	2	1																	•								•							•							•							•			
0	2	2																	•								•							•							•							•			
0	2	3																	•								•							•							•							•			
0	2	4																	•								•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R. E. Clark

COMPLETION DATE: 1/18/80

UCN-12650
(1 5-78)

DATE OF SERVICE TRIP 11/30/79 – 12/7/79 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 843 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.047	.003	.026		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.230	.005	.023		
3	Radio Tower	1400 to 1400	8.5	85.7	.120	.011	.032		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	.015	.029		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	<.001	.041		
6	Cabin	1400 to 1400	8.5	85.7	<.030	<.001	.023		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED R. L. Clark SUPERVISOR L. C. McCall DATE RELEASED 4/15/80

DATE OF SERVICE TRIP 12/7/79 – 12/14/79 BUILDING ROUTINE ☐ REPORT NO. 844

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.058	.002	.023		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.385	.015	.023		
3	Radio Tower	1400 to 1400	8.5	85.7	.277	.005	.023		
4	Blair Road	1400 to 1400	8.5	85.7	.061	.016	.026		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.002	.023		
6	Cabin	1400 to 1400	8.5	85.7	<.030	<.001	.023		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED R. L. Clark SUPERVISOR J. S. McCall DATE RELEASED 1/15/80

DATE OF SERVICE TRIP 12/14/79 — 12/21/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 845 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.032	.005	.032		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.143	.022	.032		
3	Radio Tower	1400 to 1400	8.5	85.7	.076	.056	.026		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	.001	.023		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.001	.023		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.001	.026		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLED R. L. Clark SUPERVISOR D. McCall DATE RELEASED 1/15/80

DATE OF SERVICE TRIP 12/21/79 — 12/25/79 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 846 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.076	.011	.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.248	.004	.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.192	.034	.018		
4	Blair Road	1400 to 1400	8.5	85.7	.032	.010	.018		
5	Credit Union	1400 to 1400	8.5	85.7	<.030 ~~.023~~	<.001	.018		
6	Cabin	1400 to 1400	8.5	85.7	.035	.004	.014		

DISTRIBUTION:
E. J. Barber
T. Kwasnoski
T. E. Bard
~~R. D. Gilmore~~
D.T. DUNCAN

SAMPLED BY R.L. Clark SUPERVISOR J.S. McCall DATE RELEASED 1/25/80

12 DECEMBER	1979 GASEØUS	FLUØRIDE	07		
01 K-901 PUMPHØUSE	0.047	0.058	0.032	0.076	
002 K-1206D TRAILER	0.230	0.385	0.143	0.248	
003 RADIØ TØWER	0.120	0.277	0.076	0.192	
004 BLAIR RØAD	-0.030	0.061	-0.030	0.032	
005 CREDIT UNIØN	-0.030	-0.030	-0.030	0.030	
006 WATTS BAR CABIN	-0.030	-0.030	-0.030	0.035	
007 WIND VANE B		0.445			
008 WIND VANE P		0.054			
998					
12 DECEMBER	1979 CHRØMIUM		07		
001 K-901 PUMPHØUSE	0.003	0.002	0.005	0.011	
002 K-1206D TRAILER	0.005	0.015	0.022	0.004	
003 RADIØ TØWER	0.011	0.005	0.056	0.034	
004 BLAIR RØAD	0.015	0.016	0.001	0.010	
005 CREDIT UNIØN	-0.001	0.002	0.001	-0.001	
006 WATTS BAR CABIN	-0.001	-0.001	0.001	0.004	
998					
2 DECEMBER	1979 CHRØMIUM		07		
001 K-901 PUMPHØUSE	0.026	0.023	0.032	0.014	
002 K-1206D TRAILER	0.023	0.023	0.032	0.014	
003 RADIØ TØWER	0.032	0.023	0.026	0.018	
004 BLAIR RØAD	0.029	0.026	0.023	0.018	
005 CREDIT UNIØN	0.041	0.023	0.023	0.018	
006 WATTS BAR CABIN	0.023	0.02-	0.026	0.014	
999					

UCN-7230B
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1980	02	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					WOULD			NOT					8	9	7	7	5			8	7	1	0	0			8	7	8	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			RUN		•					6	5	•	5				2	1	•	5				2	0	•	5						•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•					3	7	•	4					6	•	5				1	8	•	5						•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•						2	•						1	•						2	•							•			
0	0	5	C	A	L	C	I	U	M					↓					•					1	0	•						2	•						3	•							•			
0	0	6	C	H	R	O	M	I	U	M									•							•	0	2					•	0	1					•	0	1					•			
0	0	7	C	O	P	P	E	R											•						3	•							•	8						•	5						•			
0	0	8	I	R	O	N													•						2	•							•	8						•	5						•			
0	0	9	M	A	G	N	E	S	I	U	M								•							•	8						•	2						•	3						•			
0	1	0	M	A	N	G	A	N	E	S	E								•							•	0	2					•	0	2					•	0	0	8				•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•							•	0	8					•	0	3					•	0	3					•			
0	1	3	L	E	A	D													•							•	4						•	2						•	3						•			
0	1	4	T	I	T	A	N	I	U	M									•							•	0	4					•	0	6					•	0	2					•			
0	1	5	V	A	N	A	D	I	U	M									•							•	0	0	2				•	0	0	1				•	0	0	1				•			
0	1	6	S	I	L	I	C	O	N										•						4	•						1	•						2	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: Rod Clark

COMPLETION DATE: 2/25/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1980	02	002	NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	1	8	0	0			9	0	5	0	0			9	0	5	0	0			9	0	5	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	8	2	•	4				6	5	•	4				1	9	•	5				2	3	•	1						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					5	9	•	1				4	8	•	7					8	•	9				1	9	•	2						•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			5	•						3	•							1	•						3	•							•		
0	0	5	C	A	L	C	I	U	M					↓				5	•						5	•							2	•						2	•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	3					•	0	5						•	0	1					•	0	0	8				•		
0	0	7	C	O	P	P	E	R										5	•						3	•	6					1	•							•	5							•		
0	0	8	I	R	O	N												2	•						2	•							•	8						•	5							•		
0	0	9	M	A	G	N	E	S	I	U	M							2	•	5						•	9						•	3						•	3							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	1						•	0	2					•	0	1					•	0	0	8				•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•								•		
0	1	2	N	I	C	K	E	L											•	0	6					•	0	4					•	0	5					•	0	3						•		
0	1	3	L	E	A	D													•	6						•	4						•	2						•	3							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	6					•	0	4					•	0	6					•	0	2						•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	0	2				•	0	0	1				•	0	0	1					•		
0	1	6	S	I	L	I	C	O	N									6	•						7	•						2	•						2	•								•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•		
0	1	8																	•							•							•							•								•		
0	1	9																	•							•							•							•								•		
0	2	0																	•							•							•							•								•		
	2	1																	•							•							•							•								•		
0	2	2																	•							•							•							•								•		
0	2	3																	•							•							•							•								•		
0	2	4																	•							•							•							•								•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12650
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 2/25/80

PARTICULATE AIR DATA

MONTH: 01 JANUARY | YEAR: 1980 | FIRST DAY: 02 | STAT. NO.: 003 | LOCATION: EAST HIVOL

76

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						4	7	2	5	0																												
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			6	5	•	9																														
0	0	3	R	E	S	I	D	U	E	-	M	G						9	•	5							•							•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•								•							•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				1	•								•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	1						•							•							•							•			
0	0	7	C	O	P	P	E	R										3	•								•							•							•							•			
0	0	8	I	R	O	N													•	5							•							•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1							•							•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	4					•							•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•								•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	6						•							•							•							•			
0	1	3	L	E	A	D													•	1							•							•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2						•							•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	1					•							•							•							•			
0	1	6	S	I	L	I	C	O	N									1	•								•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•								•							•							•							•			
0	1	8																	•								•							•							•							•			
0	1	9																	•								•							•							•							•			
0	2	0																	•								•							•							•							•			
0	2	1																	•								•							•							•							•			
0	2	2																	•								•							•							•							•			
0	2	3																	•								•							•							•							•			
0	2	4																	•								•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12650
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 2/25/80

PARTICULATE AIR DATA

19

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1980	02	004	SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	7	2	0	0			9	7	2	0	0			9	5	9	0	0			9	5	9	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	5	8	•	2				8	2	•	9				3	8	•	2				2	9	•	0						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	6	•	9				4	8	•	8					8	•	1				2	4	•	5						•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•						3	•						1	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓				3	•						7	•						2	•						3	•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	3					•	0	2					•	0	1					•	0	1					•			
0	0	7	C	O	P	P	E	R										3	•						2	•							•	8						•	5						•			
0	0	8	I	R	O	N												2	•						2	•							•	8						•	5						•			
0	0	9	M	A	G	N	E	S	I	U	M								•	8						•	9						•	2						•	3						•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2					•	0	2					•	0	2					•	0	0	8				•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	5					•	0	6					•	0	6					•	0	9					•			
0	1	3	L	E	A	D													•	4						•	4						•	2						•	4						•			
0	1	4	T	I	T	A	N	I	U	M									•	0	4					•	0	4					•	2						•	0	2					•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2				•	0	0	1				•	0	0	1				•			
0	1	6	S	I	L	I	C	O	N									5	•					1	0	•						1	•						3	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L Clark

COMPLETION DATE: 2/25/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1980	1227	005	WINKEL LAKE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	8	3	6	6	0		1	2	6	4	7	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	8	•	4				3	5	•	0						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						0	1	1	6				0	1	3	1				•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G				•	7	5					•	6	2	5				•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					•	0	5				1	•	2	5					•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5				•	0	2					•							•							•			
0	0	7	C	O	P	P	E	R											•	0	1	2				•	1	2	5				•							•							•			
0	0	8	I	R	O	N													•	2	5					•	1	2	5				•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	1	2	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•	~~0~~	~~0~~					•	~~0~~	~~2~~	~~5~~				•							•							•			
0	1	2	N	I	C	K	E	L											•	0	0	8				•	0	2	5				•							•							•			
0	1	3	L	E	A	D													•	0	7	5				•	1	2	5				•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2	5				•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									2	•	5					1	•	2	5					•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•	0	0	8				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.J. Clark

COMPLETION DATE: 2/29/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1980	1227	006	PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	6	7	2	0	0		1	3	1	9	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				5	6	•	0				4	2	•	3						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END DATE							⊙	1	1	6				⊙	1	3	1				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				1	•	2	5				1	•	2	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					1	•	2	5				2	•	5						•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	0	5				•	0	1					•							•							•			
0	0	7	C	O	P	P	E	R												•	0	2	5				•	2	5					•							•							•			
0	0	8	I	R	O	N														•	3	7	5				•	1	2	5				•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	1	7	5				•	1	2	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	1					•	0	0	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•							•							•							•			
0	1	2	N	I	C	K	E	L												•	0	2					•	0	2	5				•							•							•			
0	1	3	L	E	A	D														•	1	2	5				•	2	5					•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	2	5				•	0	2	5				•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2				•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									2	•	5						1	•	2	5					•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	0	3				•	0	0	8				•							•							•			
0	1	9																		•							•							•							•							•			
0	2	0																		•							•							•							•							•			
0	2	1																		•							•							•							•							•			
0	2	2																		•							•							•							•							•			
0	2	3																		•							•							•							•							•			
0	2	4																		•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-125-0
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 2/29/80

PARTICULATE AIR DATA

MONTH: 01 JANUARY | YEAR: 1980 | FIRST DAY: 1227 | STAT. NO.: 007 | LOCATION: HF TANK FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	2	7	2	1	0			2	5	9	0	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				6	5	.	7				1	7	.	3						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							0	1	1	6				0	1	3	1				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				1	.	2	5					.	6	2	5				.							.							.			
0	0	5	C	A	L	C	I	U	M					↓						.	6	2	6				.	5						.							.							.			
0	0	6	C	H	R	O	M	I	U	M										.	0	0	5				.	0	0	5				.							.							.			
0	0	7	C	O	P	P	E	R												.	0	1	2				.	0	0	8				.							.							.			
0	0	8	I	R	O	N														.	5	0					.	1						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M									.	1	7	5				.	1	2	5				.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E									.	0	1					.	0	2	5				.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							.	~~0~~						.							.							.							.			
0	1	2	N	I	C	K	E	L												.	0	0	8				.	0	1	5				.							.							.			
0	1	3	L	E	A	D														.	1	2	5				.	0	5					.							.							.			
0	1	4	T	I	T	A	N	I	U	M										.	0	5					.	0	2					.							.							.			
0	1	5	V	A	N	A	D	I	U	M										.	0	0	2				.	0	0	2				.							.							.			
0	1	6	S	I	L	I	C	O	N										3	.	7	5					.	2	5					.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M											.	0	0	3				.	0	0	5				.							.							.			
0	1	9																		.							.							.							.							.			
0	2	0																		.							.							.							.							.			
0	2	1																		.							.							.							.							.			
0	2	2																		.							.							.							.							.			
0	2	3																		.							.							.							.							.			
0	2	4																		.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 2/29/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1980	1227	008	K 33

Col.	Field	Value
001	VOLUME-FT^3	142900
002	TOTAL PART-MG	56.9
003	~~RESIDUE-MG~~ END DATE	0116
004	ALUMINUM-MG	1.00
005	CALCIUM	.625
006	CHROMIUM	.005
007	COPPER	.01
008	IRON	.25
009	MAGNESIUM	.175
010	MANGANESE	.01
011	MOLYBDENIUM	.
012	NICKEL	.008
013	LEAD	.175
014	TITANIUM	.025
015	VANADIUM	.002
016	SILICON	3.75
017	OTHERS FOUND	.
018	URANIUM	.002
019		.
020		.
021		.
022		.
023		.
024		.
998	(PUNCH)	
999	(PUNCH)	

Col.	Field	Value
026		81300
027		47.5
028		0131
029		1.25
030		.75
031		.005
032		.008
033		.125
034		.125
035		.005
036		.
037		.01
038		.075
039		.025
040		.002
041		1.25
042		.
043		.001
044		.
045		.
046		.
047		.
048		.
049		.
050		.
051		.

UCN-1,[illegible]
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L Clark

COMPLETION DATE: 2/29/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1980	1227	009	SALVAGE YD

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					NO SAMPLE									4	5	6	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•						1	•	7						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							0	1	1	6			0	1	3	1				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	~~6~~	~~2~~	~~5~~				•	1	2	5				•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					•							•	7	5					•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•							•	0	0	5				•							•							•			
0	0	7	C	O	P	P	E	R											•							•	0	0	8				•							•							•			
0	0	8	I	R	O	N													•							•	0	7	5				•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•							•	1	7	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•							•	0	0	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•							•	0	0	5				•							•							•			
0	1	3	L	E	A	D													•							•	0	2					•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•							•	0	2					•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•							•	0	0	1				•							•							•			
0	1	6	S	I	L	I	C	O	N										•							•	2	5					•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•							•	0	0	2				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12[illegible]
(1 5-8)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 2/29/80

PARTICULATE AIR DATA

MONTH: 01 JANUARY | YEAR: 1980 | FIRST DAY: 1227 | STAT. NO.: 010 | LOCATION: PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						5	8	7	6	0			9	6	6	5	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	1	•	1				4	9	•	5						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END DATE						0	1	1	6				0	1	3	1				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	6	2	5			1	•	2	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				1	•	2	5				5	•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M				↓					•	0	0	5				•	0	0	5				•							•							•			
0	0	7	C	O	P	P	E	R											•	0	5					•	5						•							•							•			
0	0	8	I	R	O	N													•	1	2	5				•	1						•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	1	7	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	8				•	0	0	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	1	5				•	0	5					•							•							•			
0	1	3	L	E	A	D													•	0	5					•	1	5					•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	5					•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									1	•	2	5				2	•							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•	0	1	1				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 2/29/80

UCN-12[illegible]
(1 5-76)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1980	1227	011	K1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					2	0	2	1	4	0		1	4	2	3	3	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	8	•	5				3	9	•	9						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						0	1	1	6				0	1	3	1				•							•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	7	5				1	•	2	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				1	•	0	0				2	•	5						•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	5				•	0	0	5				•							•							•		
0	0	7	C	O	P	P	E	R											•	0	7	5				•	2	5					•							•							•		
0	0	8	I	R	O	N													•	2	5					•	1						•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	1	2	5				•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	5				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	2					•	0	5					•							•							•		
0	1	3	L	E	A	D													•	0	7	5				•	1	2	5				•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	5					•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2				•							•							•		
0	1	6	S	I	L	I	C	O	N									2	•	5					2	•							•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	6				•	0	1	6				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
0	2	1																	•							•							•							•							•		
	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-1266)
(1 5-76)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 2/29/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
01 JANUARY	1980	1227	012	K1200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	5	1	8	0	0		1	2	7	3	0	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				6	2	•	5				4	8	•	5						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							0	1	1	6				0	1	3	1				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G					•	7	5				1	•	7	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					1	•	0	0				2	•	5						•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	0	5				•	0	0	5					•							•							•			
0	0	7	C	O	P	P	E	R												•	0	5					•	2	5						•							•							•			
0	0	8	I	R	O	N														•	2	5					•	1	0						•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	1	2	5				•	1	7	5					•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	0	2				•	0	0	5					•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•								•							•							•			
0	1	2	N	I	C	K	E	L												•	0	1	5				•	0	2	5					•							•							•			
0	1	3	L	E	A	D														•	0	7	5				•	1	2	5					•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	2	5				•	0	5						•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2				•	0	0	2					•							•							•			
0	1	6	S	I	L	I	C	O	N										2	•	5					2	•	5							•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•							•								•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	0	6				•	0	1	1					•							•							•			
0	1	9																		•							•								•							•							•			
0	2	0																		•							•								•							•							•			
0	2	1																		•							•								•							•							•			
	2	2																		•							•								•							•							•			
0	2	3																		•							•								•							•							•			
0	2	4																		•							•								•							•							•			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-1265 (1 5-78)

TECHNICIAN'S SIGNATURE: K. L. Clark

COMPLETION DATE: 2/29/80

DATE OF SERVICE TRIP 12/28/79 – 1/4/80 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 847 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.105	.001	.020		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.330	.001	.020		
3	Radio Tower	1400 to 1400	8.5	85.7	.315	.007	.018		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	.001	.018		
5	Credit Union	1400 to 1400	8.5	85.7	.032	.001	.014		
6	Cabin	1400 to 1400	8.5	85.7	<.030	<.001	.020		

DISTRIBUTION:

E. J. Barber — T. E. Bard

T. Kwasnoski — ~~R. D. Gilmore~~ D.T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR J. S. McCall DATE RELEASED _____

DATE OF SERVICE TRIP 1/4/80 - 1/11/80 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 848 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.172	.001	.047		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	NO SAMPLE COULD NOT UNLOCK GATE.				
3	Radio Tower	1400 to 1400	8.5	85.7	.158	.001	.044		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	<.001	.041		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.001	.041		
6	Cabin	1400 to 1400	8.5	85.7	.032	.001	.038		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		~~R. D. Gilmore~~ D.T. DUNCAN	

SAMPLED R. L. Clark SUPERVISOR J. L. McCall DATE RELEASED 2/20/80

DATE OF SERVICE TRIP 1/11/80 — 1/18/80 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 849 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.175	.003	.032		
2	K-1206-D Trailer	1400 to 1400	8.5	~~85.7~~ 171.4	.320	.002	.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.292	.005	.018		
4	Blair Road	1400 to 1400	8.5	85.7	.032	.005	.047		
5	Credit Union	1400 to 1400	8.5	85.7	.032	.002	.032		
6	Cabin	1400 to 1400	8.5	85.7	.050	.002	.029		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		~~R. D. Gilmore~~	
								D.T. DUNCAN	

SAMPLED BY R. L. Clark SUPERVISOR J. S. McCall DATE RELEASED 2/20/80

DATE OF SERVICE TRIP 1/18/80 — 1/25/80 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 850 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.175	.010	.020		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.642	.019	.020		
3	Radio Tower	1400 to 1400	8.5	85.7	.292	.001	.020		
4	Blair Road	1400 to 1400	8.5	85.7	.032	<.001	.026		
5	Credit Union	1400 to 1400	8.5	85.7	.032	.002	.023		
6	Cabin	1400 to 1400	8.5	85.7	.050	<.001	.026		

DISTRIBUTION:

E. J. Barber

T. Kwasnoski

T. E. Bard

~~R. D. Gilmore~~

D.T. DUNCAN

SAMPLED BY R.L. Clark SUPERVISOR J. McCall DATE RELEASED 2/20/80

```
01JANUARY        1980GASEØUS  FLUØRIDE04
 01K-901  PUMPHØUSE    0.105  0.172  0.175  0.175
 02K-1206D TRAILER     0.330         0.320  0.642
003RADIØ TØWER         0.315  0.158  0.292  0.292
004BLAIR RØAD         -0.030 -0.030  0.032  0.032
005CREDIT UNIØN        0.032 -0.030  0.032  0.032
006WATTS BAR CABIN    -0.030  0.032  0.050  0.050
998
01JANUARY        1980URANIUM          04
001K-901  PUMPHØUSE    0.001  0.001  0.003  0.010
002K-1206D TRAILER     0.001         0.002  0.019
003RADIØ TØWER         0.007  0.001  0.005  0.001
004BLAIR RØAD          0.001 -0.001  0.005 -0.001
005CREDIT UNIØN        0.001  0.001  0.002  0.002
006WATTS BAR CABIN    -0.001  0.001  0.002 -0.001
998
01JANUARY        1980CHRØMIUM         04
001K-901  PUMPHØUSE    0.020  0.047  0.032  0.020
002K-1206D TRAILER     0.020         0.014  0.020
003RADIØ TØWER         0.018  0.044  0.018  0.020
004BLAIR RØAD          0.018  0.041  0.047  0.026
005CREDIT UNIØN        0.014  0.041  0.032  0.023
006WATTS BAR CABIN     0.020  0.038  0.029  0.026
999
```

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH: 02 FEBRUARY | YEAR: 1980 | FIRST DAY: 03 | STAT. NO.: 001 | LOCATION: WEST HI VOL

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15	16 17 18 19 20	21 22 23 24 25	26 27 28 29 30	31 32 33 34 35 36 37	38 39 40 41 42 43 44	45 46 47 48 49 50 51
001	VOLUME-FT3		89	100	89775	85050	85050	
002	TOTAL PART-MG		81	.2	88.9	48.0	18.0	.
003	RESIDUE-MG		35.	5 4	1.4	31.6	35.0	.
004	ALUMINUM-MG		3.		4.	4.	3.	.
005	CALCIUM ↓		7.		6.	5.	8.	.
006	CHROMIUM		.	03	.02	.02	.02	.
007	COPPER		1.		6.	.4	.5	.
008	IRON		2.		1.	.5	1.	.
009	MAGNESIUM		.	7	1.	.5	.7	.
010	MANGANESE		.	05	.04	.004	.006	.
011	MOLYBDENIUM		.		.	.	.	.
012	NICKEL		.	02	.05	.03	.03	.
013	LEAD		.	06	.1	.1	.08	.
014	TITANIUM		.	08	.1	.08	.04	.
015	VANADIUM		.	008	.01	.006	.008	.
016	SILICON		7.		6.	5.	3.	.
017	OTHERS FOUND		.		.	.	.	.
018			.		.	.	.	.
019			.		.	.	.	.
020			.		.	.	.	.
021			.		.	.	.	.
022			.		.	.	.	.
023			.		.	.	.	.
024			.		.	.	.	.
998	(PUNCH)							
999	(PUNCH)							

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. E. Clark

COMPLETION DATE: 4/14/80

PARTICULATE AIR DATA

MONTH: 02 FEBRUARY | YEAR: 1980 | FIRST DAY: 03 | STAT. NO.: 002 | LOCATION: NORTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	3	1	5	0	N	O	S	A	M	P	L	E			8	6	4	0	0			8	7	0	7	5						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			6	2	•	9						•					7	0	•	9				8	0	•	7						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	3	•	8						•					4	6	•	7				6	6	•	8						•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•							•						5	•						4	•								•		
0	0	5	C	A	L	C	I	U	M					↓				4	•							•						5	•					1	3	•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2					•							•	0	2					•	0	3						•		
0	0	7	C	O	P	P	E	R										2	•							•							•	3					1	•	0							•		
0	0	8	I	R	O	N												3	•							•							•	8					3	•								•		
0	0	9	M	A	G	N	E	S	I	U	M								•	7						•							•	8					1	•								•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	6					•							•	0	0	4				•	0	1						•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•								•		
0	1	2	N	I	C	K	E	L											•	0	3					•							•	0	4					•	1							•		
0	1	3	L	E	A	D													•	0	8					•							•	0	8					•	1							•		
0	1	4	T	I	T	A	N	I	U	M									•	1						•							•	0	8					•	0	8						•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	8				•							•	0	1					•	0	1						•		
0	1	6	S	I	L	I	C	O	N									6	•							•						5	•						7	•								•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•		
0	1	8																	•							•							•							•								•		
0	1	9																	•							•							•							•								•		
0	2	0																	•							•							•							•								•		
0	2	1																	•							•							•							•								•		
0	2	2																	•							•							•							•								•		
0	2	3																	•							•							•							•								•		
0	2	4																	•							•							•							•								•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 4/14/80

UCN-12550
(1 5-78)

PARTICULAT AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
02 FEBRUARY	1980	03	003	EAST HiVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44
001	VOLUME – FT³	98550	98550	98550	98550
002	TOTAL PART – MG	66.1	84.0	28.9	51.3
003	RESIDUE – MG	28.2	39.8	25.2	52.3
004	ALUMINUM – MG	4.	4.	5.	3.
005	CALCIUM ↓	5.	6.	4.	12.
006	CHROMIUM	.02	.02	.04	.03
007	COPPER	2.	4.	.5	3.
008	IRON	3.	2.	.3	3.
009	MAGNESIUM	.6	.8	.5	.8
010	MANGANESE	.04	.04	.002	.01
011	MOLYBDENIUM	.00	.	.	.
012	NICKEL	.2	.4	.1	.8
013	LEAD	.06	1.	.05	.2
014	TITANIUM	.08	.1	.02	.05
015	VANADIUM	.008	.01	.004	.08
016	SILICON	5.	6.	3.	5.
017	OTHERS FOUND	.	.	.	.
018		.	.	.	.
019		.	.	.	.
020		.	.	.	.
021		.	.	.	.
022		.	.	.	.
023		.	.	.	.
024		.	.	.	.
998	(PUNCH)				
999	(PUNCH)				

TECHNICIAN'S SIGNATURE: RL Clark

COMPLETION DATE: 4/14/80

UCN-12650
(1 5-78)

PARTICULAT AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
02 FEBRUARY	1980	03	004	SOUTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	7	2	0	0			9	8	5	5	0			9	9	9	0	0			9	3	1	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			9	0	•	8				9	3	•	9				5	2	•	3				1	7	•	7						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					4	0	•	3				4	5	•	2				3	6	•	0				3	0	•	4						•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			6	•						4	•						5	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓				6	•						8	•						5	•						4	•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	3					•	0	3					•	0	4					•	0	1					•			
0	0	7	C	O	P	P	E	R										1	•						1	•							•	7						•	3						•			
0	0	8	I	R	O	N												1	•						1	•							•	6						•	8						•			
0	0	9	M	A	G	N	E	S	I	U	M								•	8						•	8						•	6						•	0	8					•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	8					•	0	8					•	0	0	8				•	0	0	5				•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•	0	0	3				•							•							•			
0	1	2	N	I	C	K	E	L											•	1						•	0	5					•	0	3					•	0	3					•			
0	1	3	L	E	A	D													•	1						•	1						•	0	8					•	0	8					•			
0	1	4	T	I	T	A	N	I	U	M									•	1						•	1						•	0	4					•	0	4					•			
0	1	5	V	A	N	A	D	I	U	M									•	0	1					•	0	1					•	0	0	8				•	0	0	8				•			
0	1	6	S	I	L	I	C	O	N									6	•						6	•						5	•						3	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 4/14/80

PARTICULATE AIR DATA

MONTH		YEAR	FIRST DAY	STAT. NO.	LOCATION
02	FEBRUARY	1980	0131	005	WINKEL LAKE

Code	Item	Cols. 16–25	Cols. 26–30
001	VOLUME-FT³	~~99020~~ 1	41020
002	TOTAL PART-MG	FILTER MISSING	44.7
003	~~RESIDUE-MG~~ END DATE	0214	0227
004	ALUMINUM-MG (↓ applies to following rows)		.5
005	CALCIUM		.5
006	CHROMIUM		.002
007	COPPER		.02
008	IRON		.075
009	MAGNESIUM		.175
010	MANGANESE		.002
011	MOLYBDENIUM		.
012	NICKEL		.015
013	LEAD		.025
014	TITANIUM		.02
015	VANADIUM		.002
016	SILICON	1	.25
017	OTHERS FOUND		.
018	URANIUM		.012
019			.
020			.
021			.
022			.
023			.
024			.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R.L Clark

COMPLETION DATE: 3/24/80

UCN-12650
(1 5-78)

PARTICULA( ) AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
02 FEBRUARY	1980	0131	006	PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	1	1	0	0	0			3	3	5	8	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	5	•	1				4	6	•	4						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						⊙	2	1	4				⊙	2	2	7				•							•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	7	5					•	7	5					•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				2	•	5						•	5						•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	0	2				•							•							•		
0	0	7	C	O	P	P	E	R											•	0	1	2				•	0	0	8				•							•							•		
0	0	8	I	R	O	N													•	0	7	5				•	1	0					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	1	7	5				•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2				•	0	0	2				•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	0	8				•	0	1	5				•							•							•		
0	1	3	L	E	A	D													•	0	5					•	1	2	5				•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2	5				•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2				•							•							•		
0	1	6	S	I	L	I	C	O	N										•	5					1	•	2	5					•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	8				•	0	0	2				•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
0	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12653
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 3/24/80

PARTICULA[illegible] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
02 FEBRUARY	1980	0131	007	HF TANK FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3							9	4	0	4	0			8	1	2	5	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				6	0	.	8				4	7	.	9						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END	DATE						0	2	1	4				0	2	2	7				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G					.	7	5					.	7	5					.							.							.			
0	0	5	C	A	L	C	I	U	M					↓					2	.	5						.	5						.							.							.			
0	0	6	C	H	R	O	M	I	U	M										.	0	0	2				.	0	0	2				.							.							.			
0	0	7	C	O	P	P	E	R												.	0	1					.	0	2	5				.							.							.			
0	0	8	I	R	O	N														.	0	7	5				.	1	0					.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M									.	2						.	1	7	5				.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E									.	0	0	2				.	0	0	2				.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							.							.							.							.							.			
0	1	2	N	I	C	K	E	L												.	0	0	5				.	0	1	5				.							.							.			
0	1	3	L	E	A	D														.	0	2	5				.	0	2	5				.							.							.			
0	1	4	T	I	T	A	N	I	U	M										.	0	2	5				.	0	2	5				.							.							.			
0	1	5	V	A	N	A	D	I	U	M										.	0	0	2				.	0	0	2				.							.							.			
0	1	6	S	I	L	I	C	O	N											.	7	5				1	.	2	5					.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M											.	0	0	5				.	0	0	9				.							.							.			
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9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12560
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 3/24/80

PARTICULATE AIR DATA

MONTH: 02 FEBRUARY | YEAR: 1980 | FIRST DAY: 01 31 | STAT. NO.: 008 | LOCATION: K 33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	0	1	4	9	0			9	4	0	9	5																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	7	•	1				4	6	•	6																						
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END	DAT	E				0	2	1	4				0	2	2	7					•							•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	2	5					•	7	5						•							•							•		
0	0	5	C	A	L	C	I	U	M					↓				)	•	7	5					•	5							•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	0	2					•							•							•		
0	0	7	C	O	P	P	E	R											•	0	0	5				•	0	0	8					•							•							•		
0	0	8	I	R	O	N													•	0	5					•	0	7	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	1	5						•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2				•	0	0	2					•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•							•		
0	1	2	N	I	C	K	E	L											•	0	0	2				•	0	1	5					•							•							•		
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0	1	4	T	I	T	A	N	I	U	M									•	0	2					•	0	2						•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2					•							•							•		
0	1	6	S	I	L	I	C	O	N										•	2	5					•	7	5						•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	1				•	0	0	4					•							•							•		
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12669
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 3/24/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
02 FEBRUARY	1980	0131	009	SALVAGE YD.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						7	9	2	1	0			6	4	3	9	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	2	.	7				5	5	.	8						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					0	2	1	4				0	2	2	7				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				.	5	0					.	7	5					.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				2	.	0						.	7	5					.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	0	2				.	0	0	2				.							.							.			
0	0	7	C	O	P	P	E	R											.	0	0	5				.	0	1					.							.							.			
0	0	8	I	R	O	N													.	0	7	5				.	1	0					.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	1	7	5				.	1	7	5				.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	0	2				.	0	0	2				.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	0	5				.	0	1	5				.							.							.			
0	1	3	L	E	A	D													.	0	2	5				.	0	2	5				.							.							.			
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 3/24/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
02 FEBRUARY	1980	0131	010	PROPANE FARM

Code (cols 1–3)	Item (cols 4–18)	Cols 19–23	Cols 26–30
001	VOLUME – FT^3	75370	68680
002	TOTAL PART – MG	61.9	47.2
003	~~RESIDUE – MG~~ END DATE	0214	0227
004	ALUMINUM – MG	1.25	.5
005	CALCIUM	5.0	.75
006	CHROMIUM	.002	.002
007	COPPER	.025	.05
008	IRON	.125	.075
009	MAGNESIUM	.175	.175
010	MANGANESE	.002	.002
011	MOLYBDENIUM	.	.
012	NICKEL	.008	.025
013	LEAD	.05	.025
014	TITANIUM	.025	.02
015	VANADIUM	.002	.002
016	SILICON	1.25	1.0
017	OTHERS FOUND	.	.
018	URANIUM	.011	.011
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12650
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 3/24/80

PARTICULA[illegible] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
02 FEBRUARY	1980	0131	011	K 1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	2	9	5	9	0		1	3	1	6	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	8	.	7				3	1	.	7						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~		~~M~~	~~G~~	END	DATE					0	2	1	4				0	2	2	7				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	.	2	5					.	2	5					.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				5	.	0						.	5						.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	0	2				.	0	0	2				.							.							.			
0	0	7	C	O	P	P	E	R											.	0	2	5				.	0	7	5				.							.							.			
0	0	8	I	R	O	N													.	1	2	5				.	0	7	5				.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	1	7	5				.	1	7	5				.							.							.			
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0	1	2	N	I	C	K	E	L											.	0	1	5				.	0	2	5				.							.							.			
0	1	3	L	E	A	D													.	0	5					.	0	2	5				.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	2	5				.	0	1	5				.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	0	2				.							.							.			
0	1	6	S	I	L	I	C	O	N										.	5	0					.	2						.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 3/24/80

PARTICULATE AIR DATA

MONTH: 02 FEBRUARY | YEAR: 1980 | FIRST DAY: 01 31 | STAT. NO.: 012 | LOCATION: K 1200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	2	0	6	0	0			9	8	2	0	0																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	1	•	0				5	0	•	6																							
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					0	2	1	4				0	2	2	7					•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	6	2	5				•	7	5						•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				1	•	7	5					•	5							•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	0	2					•							•							•			
0	0	7	C	O	P	P	E	R											•	0	5					•	0	5						•							•							•			
0	0	8	I	R	O	N													•	1	0					•	1	0						•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	2	5				•	1	2	5					•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2				•	0	0	2					•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•							•			
0	1	2	N	I	C	K	E	L											•	0	1					•	0	2	5					•							•							•			
0	1	3	L	E	A	D													•	0	2	5				•	0	2	5					•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2	5					•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2					•							•							•			
0	1	6	S	I	L	I	C	O	N										•	5	0				1	•	2	5						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	1	1				•	0	1	1					•							•							•			
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TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 3/24/80

UCN-12660 (1 5-78)

DATE OF SERVICE TRIP 1/25/80 - 2/1/80 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 851 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.050	.002	.023		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.088	.001	.032		
3	Radio Tower	1400 to 1400	8.5	85.7	<.030	<.001	.029		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	<.001	.026		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	<.001	.032		
6	Cabin	1400 to 1400	8.5	85.7	NO SAMPLE ICY ROADS.				

DISTRIBUTION:

E. J. Barber

T. Kwasnoski

T. E. Bard

~~R. D. Gilmore~~

D.T. DUNCAN

SAMPLED BY R.L. Clark SUPERVISOR J. McCall DATE RELEASED 2/20/80

DATE OF SERVICE TRIP 2/1/80 – 2/8/80 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 852 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.140	.003	.023		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.195	.006	.026		
3	Radio Tower	1400 to 1400	8.5	85.7	.254	.002	.032		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	.005	.018		
5	Credit Union	1400 to 1400	8.5	85.7	.032	.002	.023		
6	Cabin NO SAMPLE	1400 to 1400	8.5	85.7					

DISTRIBUTION:

E. J. Barber
T. Kwasnoski
T. E. Bard
~~R. D. Gilmore~~
D. T. Duncan

SAMPLED BY R.L. CLARK SUPERVISOR J.S. McCall DATE RELEASED 3/25/80

DATE OF SERVICE TRIP 2/15/80 BUILDING ROUTINE ☐ REPORT NO. 853

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 2/8/80 - 2/15/80	1400 to 1400	8.5	85.7	.242	.025	.023		
2	K-1206-D Trailer 2/8/80 - 2/15/80	1400 to 1400	8.5	85.7	.411	.002	.032		
3	Radio Tower 2/8/80 - 2/15/80	1400 to 1400	8.5	85.7	.327	.009	.023		
4	Blair Road 2/8/80 - 2/15/80	1400 to 1400	8.5	85.7	<.030	<.001	.029		
5	Credit Union 2/8/80 - 2/15/80	1400 to 1400	8.5	85.7	<.030	<.001	.029		
6	Cabin 1/25/80 - 2/15/80	1400 to 1400	8.5	~~85.7~~ 257.1	<.030	<.001	<.014		

DISTRIBUTION:

E. J. Barber

T. Kwasnoski

T. E. Bard

~~R. D. Gilmore~~

D. T. Duncan

SAMPLED BY R.L. CLARK SUPERVISOR J S McCall DATE RELEASED 3/25/80

DATE OF SERVICE TRIP 2/22/80 BUILDING ( ) ROUTINE ☐ SPECIAL ☐ REPORT NO. 854 ( ) REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 2/15/80-2/22/80	1400 to 1400	8.5	85.7	.175	.011	.032		
2	K-1206-D Trailer 2/15/80-2/22/80	1400 to 1400	8.5	85.7	.292	.016	.023		
3	Radio Tower 2/15/80-2/22/80	1400 to 1400	8.5	85.7	.292	.018	.032		
4	Blair Road 2/15/80-2/22/80	1400 to 1400	8.5	85.7	.292	.002	.035		
5	Credit Union 2/15/80-2/22/80	1400 to 1400	8.5	85.7	<.030	.010	.032		
6	Cabin 2/15/80-2/22/80	1400 to 1400	8.5	85.7	.058	.005	.032		

DISTRIBUTION:
E. J. Barber
T. Kwasnoski
T. E. Bard
~~R. D. Gilmore~~
D. T. Duncan

SAMPLED R.L. CLARK SUPERVISOR J R McCall DATE RELEASED 3/25/80

DATE OF S. .VICE TRIP 2/29/80 BUILDIN ROUTINE ☐ REPORT NO. 855

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 2/22 – 2/29/80	1400 to 1400	8.5	85.7	.058	.001	.020		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.204	.004	.029		
3	Radio Tower	1400 to 1400	8.5	85.7	.117	.003	.020		
4	Blair Road	1400 to 1400	8.5	85.7	<.030 ~~<.030~~	.002	.026		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.001	.018		
6	Cabin	1400 to 1400	8.5	85.7	.058	.001	.029		

DISTRIBUTION:

E. J. Barber

T. Kwasnoski

T. E. Bard

~~R. D. Gilmore~~

D.T. Duncan

MPLED BY R.L.CLARK SUPERVISOR JS McCall DATE RELEASED 3/25/80

DATE OF SERVICE TRIP _____ BUILDING _____ ROUTINE ☐ REPORT NO. _____

SPECIAL ☐ REQUESTED BY _____

WIND VANE SAMPLES

SAMPLE NUMBER	SAMPLING ~~LOCATION~~ DATES	HRS. (END)	SAMPLING TIME Min.	SAMPLING RATE cfm	SAMPLING VOLUME m^3	F (ug)	F (ug/m^3)		Date Released	
7-110	2/27/79 – 3/26/79	(3960.8)	4530	0.30	38.4	9.75	0.25	✓	4/16/79	
8-74	2/27/79 – 3/26/79	(2915.7)	3198	0.30	27.2	25.0	0.92		4/16/79	
7-111	3/26/79 – 4/24/79	(4021.3)	3630	0.30	30.8	8.25	0.27	✓		
8-75	3/26/79 – 4/24/79	(2990.5)	4488	0.30	38.1	7.5	0.20			
7-112	4/24/79 – 6/7/79	(4128.2)	6414	0.3	54.5	5.25	0.10		7/3/79	
8-76	4/24/79 – 6/7/79	3077.2	5202	0.3	44.2	<2.5	<0.06	✓	7/3/79	
7-113	6/7/79 – 8/7/79	4299.4	10,272	0.3	87.3	2.5	0.029			
8-77	6/7/79 – 8/7/79	3227.5	9018	0.3	76.6	2.5	0.033	✓		
7-114	8/7/79 – 10/17/79	4446.7	8838	0.3	75.1	5.25	0.070		11/19/79	
8-78	8/7/79 – 10/17/79	3322.6	5706	0.3	48.5	<2.5	<0.052	✓	11/19/79	JSM
7-115	10/17/79 – 12/14/79	4572.2	7530	0.3	64.0	28.5	.445		4/21/80	
8-79	10/17/79 – 12/14/79	3432.0	6564	0.3	55.8	3.0	.054	✓	4/21/80	JSM
7-116	12/14/79 – 2/15/80	4714.2	8520	0.3	72.4	42.5	.587		4/21/80	
8-80	12/14/79 – 2/15/80	3509.8	4668	0.3	39.6	3.75	.095		4/21/80	
7-117	2/15/80 – 3/28/80	4714.2	4872	0.3	41.4				results lost	
8-81	2/15/80 – 3/28/80	3509.8	4308	0.3	36.6				results lost	

MPLED N. L. Clark SUPERVISOR J. McCall DATE RELEASED 4/17/79

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
0	2	F	E	B	R	U	A	R	Y					1	9	8	0	G	A	S	E	Ø	U	S		F	L	U	Ø	R	I	D	E	0	1																													
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	0	5	0		0	.	1	4	0		0	.	2	4	2		0	.	1	7	5		0	.	0	5	8														
	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	8	8		0	.	1	9	5		0	.	4	1	1		0	.	2	9	2		0	.	2	0	4														
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R						-	0	.	0	3	0		0	.	2	5	4		0	.	3	2	7		0	.	2	9	2		0	.	1	1	9														
0	0	4	B	L	A	I	R		R	Ø	A	D							-	0	.	0	3	0	-	0	.	0	3	0	-	0	.	0	3	0		0	.	2	9	2	-	0	.	0	3	0														
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N					-	0	.	0	3	0		0	.	0	3	2	-	0	.	0	3	0	-	0	.	0	3	0	-	0	.	0	3	0														
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N														-	0	.	0	3	0		0	.	0	5	8		0	.	0	5	8														
0	0	7	W	I	N	D		V	A	N	E		B																			0	.	5	8	7																										
0	0	8	W	I	N	D		V	A	N	E		P																			0	.	0	9	5																										
9	9	8																																																												
0	2	F	E	B	R	U	A	R	Y					1	9	8	0	V	R	A	N	I	U	M											0	1																													
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	0	0	2		0	.	0	0	3		0	.	0	2	5		0	.	0	1	1		0	.	0	0	1														
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	0	1		0	.	0	0	6		0	.	0	0	2		0	.	0	1	6		0	.	0	0	4														
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R						-	0	.	0	0	1		0	.	0	0	2		0	.	0	0	9		0	.	0	1	8		0	.	0	0	3														
0	0	4	B	L	A	I	R		R	Ø	A	D							-	0	.	0	0	1		0	.	0	0	5	-	0	.	0	0	1		0	.	0	0	2		0	.	0	0	2														
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N					-	0	.	0	0	1		0	.	0	0	2	-	0	.	0	0	1		0	.	0	1	0		0	.	0	0	1														
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N														-	0	.	0	0	1		0	.	0	0	5		0	.	0	0	1														
9	9	8																																																												
0	2	F	E	B	R	U	A	R	Y					1	9	8	0	C	H	R	Ø	M	I	U	M										0	1																													
	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	0	2	3		0	.	0	2	3		0	.	0	2	3		0	.	0	3	2		0	.	0	2	0														
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	3	2		0	.	0	2	6		0	.	0	3	2		0	.	0	2	3		0	.	0	2	9														
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	0	2	9		0	.	0	3	2		0	.	0	2	3		0	.	0	3	2		0	.	0	2	0														
0	0	4	B	L	A	I	R		R	O	A	D								0	.	0	2	6		0	.	0	1	8		0	.	0	2	9		0	.	0	3	5		0	.	0	2	6														
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N						0	.	0	3	2		0	.	0	2	3		0	.	0	2	9		0	.	0	3	2		0	.	0	1	8														
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N														-	0	.	0	1	4		0	.	0	3	2		0	.	0	2	9														

9
-7230B
5-721

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1980 | FIRST DAY: 06 | STAT. NO.: 001 | LOCATION: WEST HIVOL

1 2 3	4 5 6 7 8 9 10 11	12 13	14	15	16	17	18	19	20	21 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
001	VOLUME-FT	3						8	9	100				9	1	8	0	0			8	7	5	0	0			8	7	7	5	0							
002	TOTAL PART-MG				G		1	1	7	.3			1	0	8	.	5			1	0	3	.	2				5	3	.	3						.		
003	RESIDUE-MG						3	8	.	2			1	0	.	1				1	5	.	7				1	7	.	1						.			
004	ALUMINUM-MG				G			3	.					1	.						2	.						2	.							.			
005	CALCIUM							8	.					4	.						3	.						2	.							.			
006	CHROMIUM								.	1					.	0	1					.	0	0	6				.	0	1					.			
007	COPPER								.	6					.	3						.	2						.	1						.			
008	IRON							1	.	5					.	8						.	2					1	.							.			
009	MAGNESIUM							1	.						.	4						.	2	5					.	5						.			
010	MANGANESE								.	0	0	8			.	0	0	4				.	0	0	4				.	0	3					.			
011	MOLYBDENIUM								.	~~06~~					.	.						.							.							.			
012	NICKEL								.	0	6				.	0	3					.	0	2					.	0	2					.			
013	LEAD								.	1					.	0	8					.	0	4					.	2						.			
014	TITANIUM								.	0	4				.	0	8					.	0	1	5				.	0	4					.			
015	VANADIUM								.	0	1				.	0	2					.	0	0	1				.	0	0	6				.			
016	SILICON							5	.					2	.						2	.						2	.							.			
017	OTHERS FOUND								.						.							.							.							.			
018									.						.							.							.							.			
019									.						.							.							.							.			
020									.						.							.							.							.			
021									.						.							.							.							.			
022									.						.							.							.							.			
023									.						.							.							.							.			
024									.						.							.							.							.			
998	(PUNCH)																																						
999	(PUNCH)																																						

TECHNICIAN'S SIGNATURE: R.E. Clark

COMPLETION DATE: 4/16/80

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1980 | FIRST DAY: 06 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15	16 17 18 19 20	21 22 23	24 25	26 27 28 29 30	31 32 33 34 35 36 37	38 39 40 41 42 43 44	45 46 47 48 49 50 51
001	VOLUME-FT3		90	450		89100	86400	8572 5	
002	TOTAL PART-MG		128	.8	1	22.0	99.8	50.6	.
003	RESIDUE-MG		46.	7	17	.9	16.3	17.1	.
004	ALUMINUM-MG		2.		1.		2.	2.	.
005	CALCIUM	↓	8.		4.		4.	1.	.
006	CHROMIUM		.	02		.01	.006	.01	.
007	COPPER		.	6		.3	.3	.2	.
008	IRON		1.	5		.8	.1	1.	.
009	MAGNESIUM		.	9		.6	.3	.5	.
010	MANGANESE		.	008		.004	.004	.03	.
011	MOLYBDENIUM		.			.	.	.	.
012	NICKEL		.	03		.1	.02	.03	.
013	LEAD		.	1		.08	.04	.1	.
014	TITANIUM		.	04		.03	.015	.04	.
015	VANADIUM		.	008		.008	.001	.006	.
016	SILICON		3.		3.		2.	2.	.
017	OTHERS FOUND		.			.	.	.	.
018			.			.	.	.	.
019			.			.	.	.	.
020			.			.	.	.	.
021			.			.	.	.	.
022			.			.	.	.	.
023			.			.	.	.	.
024			.			.	.	.	.
998	(PUNCH)							.	
999	(PUNCH)							.	

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 4/16/80

12560
5-78)

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1980 | FIRST DAY: 06 | STAT. NO.: 003 | LOCATION: EAST HIVOL

1 2	3	4 5 6 7 8 9 10 11	12 13	14 15	16 17	18 19	20	21 22 23	24 25	26 27 28 29 30	31 32	33 34 35 36 37	38 39	40 41	42 43 44	45 46 47	48	49	50	51
00	1	VOLUME-FT	3			101		250		98550		101250		88425						
00	2	TOTAL PART-MG				97	.4		1	23.7		108.8		58.6				.		
00	3	RESIDUE-MG				20	.8		2	1.8		17.4		20.8			.			
00	4	ALUMINUM-MG				2	.			2.		2.		2.			.			
00	5	CALCIUM				4	.			4.		4.		1.			.			
00	6	CHROMIUM					.	02		.01		.006		.01			.			
00	7	COPPER				1	.			.8		.5		1.			.			
00	8	IRON					.	8		1.		.2		1.			.			
00	9	MAGNESIUM					.	8		.5		.3		.5			.			
00	10	MANGANESE					.	004		.004		.005		.03			.			
00	11	MOLYBDENIUM					.			.		.		.			.			
00	12	NICKEL					.	1		.04		.09		1.0			.			
00	13	LEAD					.	08		.08		.05		.2			.			
00	14	TITANIUM					.	02		.02		.01		.04			.			
00	15	VANADIUM					.	008		.008		.001		.006			.			
00	16	SILICON				3	.			3.		2.		2.			.			
00	17	OTHERS FOUND					.			.		.		.			.			
00	18						.			.		.		.			.			
00	19						.			.		.		.			.			
00	20						.			.		.		.			.			
00	21						.			.		.		.			.			
	22						.			.		.		.			.			
00	23						.			.		.		.			.			
00	24						.			.		.		.			.			
99	98	(PUNCH)												.						
99	99	(PUNCH)																		

TECHNICIAN'S SIGNATURE: R.S. Clark

COMPLETION DATE: 4/16/80

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1980 | FIRST DAY: 06 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15	16 17 18	19 20	21 22 23	24 25	26 27 28 29 30	31 32	33 34 35 36 37	38 39	40 41 42 43 44	45 46 47 48	49 50 51
001	VOLUME-FT³			97	200		94500		94500		87750		
002	TOTAL PART-MG		1	20	.4	1	26.9		101.9		56.9		.
003	RESIDUE-MG		3	8.9		2	1.5		17.3		20.5		.
004	ALUMINUM-MG			3.			1.		2.		2.		.
005	CALCIUM			8.			4.		3.		2.		.
006	CHROMIUM			.	1		.	01	.	006	.	01	.
007	COPPER			.	5		.	4	.	3	1.		.
008	IRON			1.	5		.	8	.	2	1.		.
009	MAGNESIUM			1.			.	5	.	3	.	5	.
010	MANGANESE			.	008		.	004	.	004	.	03	.
011	MOLYBDENIUM			.			.		.		.		.
012	NICKEL			.	06		.	03	.	02	.	10	.
013	LEAD			.	1		.	08	.	04	.	2	.
014	TITANIUM			.	04		.	02	.	02	.	04	.
015	VANADIUM			.	01		.	008	.	001	.	006	.
016	SILICON			5.			3.		3.		2.		.
017	OTHERS FOUND			.			.		.		.		.
018				.			.		.		.		.
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024				.			.		.		.		.
998	(PUNCH)												
999	(PUNCH)												

TECHNICIAN'S SIGNATURE: R.L. Park

COMPLETION DATE: 4/16/80

2550
(-79)

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1980 | FIRST DAY: 228 | STAT. NO.: 005 | LOCATION: WINKEL LAKE

1 2 3	4 5 6 7 8 9 10 11	12 13	14 15	16 17 18	19 20	21 22 23	24 25	26 27 28 29 30	31 32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51
001	VOLUME-FT	3		1	89	810	1	9410		
002	TOTAL PART-MG				50.9			30.5		
003	~~RESIDUE-MG~~	END	DATE		0	313		0327		
004	ALUMINUM-MG				1.75			1.75		
005	CALCIUM				2.5			1.		
006	CHROMIUM				.02			.015		
007	COPPER				.025			.025		
008	IRON				.05			.5		
009	MAGNESIUM				.175			.175		
010	MANGANESE				.008			.01		
011	MOLYBDENIUM				.			.		
012	NICKEL				.025			.05		
013	LEAD				.125			.125		
014	TITANIUM				.05			.05		
015	VANADIUM				.002			.02		
016	SILICON				1.75			2.		
017	OTHERS FOUND				.			.		
018	URANIUM				.006			.005		
019					.			.		
020					.			.		
021					.			.		
022					.			.		
023					.			.		
024					.			.		
998	(PUNCH)									
999	(PUNCH)									

TECHNICIAN'S SIGNATURE: R. C. Clark

COMPLETION DATE: 4/16/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
03 MARCH	1980	228	006	PORTAL 9

Code	Item	Cols 17–23	Cols 26–30
001	VOLUME – FT³	63560	81100
002	TOTAL PART – MG	55.6	57.0
003	~~RESIDUE – MG~~ END DATE	0313	0327
004	ALUMINUM – MG	1.75	1.25
05	CALCIUM	5.	2.5
006	CHROMIUM	.01	.015
007	COPPER	.025	.025
008	IRON	.05	.25
009	MAGNESIUM	.175	.175
010	MANGANESE	.008	.008
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.05
013	LEAD	.125	.125
014	TITANIUM	.05	.05
015	VANADIUM	.002	.025
016	SILICON	1.75	1.25
017	OTHERS FOUND	.	.
018	URANIUM	.005	.007
019		.	.
020		.	.
021		.	.
22		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. E. Clark

COMPLETION DATE: 4/16/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
03 MARCH	1980	228	007	HF TANK FARM

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15 16	17 18 19 20	21 22 23	24 25	26 27 28 29 30	31 32 33 34 35 36 37	38 39 40 41 42 43 44	45 46 47 48 49 50 51
001	VOLUME-FT³		122	880	1	21520			
002	TOTAL PART-MG		61.9			39.6			
003	~~RESIDUE-MG~~ END DATE		0	313		0327			
004	ALUMINUM -MG		1.75			1.75			
005	CALCIUM		2.5			.75			
006	CHROMIUM		.	002		.015			
007	COPPER		.	012		.01			
008	IRON		.	025		.25			
009	MAGNESIUM		.	175		.175			
010	MANGANESE		.	002		.002			
011	MOLYBDENIUM		.			.			
012	NICKEL		.	015		.025			
013	LEAD		.	05		.075			
014	TITANIUM		.	05		.05			
015	VANADIUM		.	002		.005			
016	SILICON		2.5			1.75			
017	OTHERS FOUND		.			.			
018	URANIUM		.	002		.006			
019			.			.			
020			.			.			
021			.			.			
022			.			.			
023			.			.			
024			.			.			
998	(PUNCH)								
999	(PUNCH)								

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 4/16/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
03 MARCH	1980	228	008	K33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	1	8	7	2	5		1	1	0	5	8	0																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	6	•	8				3	4	•	8							•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					0	3	1	3					0	3	2	7				•							•								•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	2	5				1	•	2	5						•							•								•		
	0	5	C	A	L	C	I	U	M									1	•	7	5					•	7	5						•							•								•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	1	5					•							•								•		
0	0	7	C	O	P	P	E	R											•	0	0	8				•	0	1						•							•								•		
0	0	8	I	R	O	N													•	0	2	5				•	2	5						•							•								•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	1	7	5					•							•								•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2				•	0	0	8					•							•								•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•								•		
0	1	2	N	I	C	K	E	L											•	0	0	8				•	0	2	5					•							•								•		
0	1	3	L	E	A	D													•	0	2	5				•	0	5						•							•								•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	5						•							•								•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	2						•							•								•		
0	1	6	S	I	L	I	C	O	N									1	•	2	5				1	•	7	5						•							•								•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•								•		
0	1	8	U	R	A	N	I	U	M										•	0	0	4				•	0	1	5					•							•								•		
0	1	9																	•							•								•							•								•		
0	2	0																	•							•								•							•								•		
0	2	1																	•							•								•							•								•		
	2	2																	•							•								•							•								•		
0	2	3																	•							•								•							•								•		
0	2	4																	•							•								•							•								•		
9	9	8	(	P	U	N	C	H	)																															•										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 4/16/80

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1980 | FIRST DAY: 228 | STAT. NO.: 009 | LOCATION: SALVAGE YD

Code	Parameter	Cols 19–23	Cols 26–30
001	VOLUME–FT³	90750	90820
002	TOTAL PART–MG	68.8	39.7
003	~~RESIDUE–MG~~ END DATE	0313	0327
004	ALUMINUM –MG	2.0	1.75
005	CALCIUM	2.5	1.25
006	CHROMIUM	.01	.015
007	COPPER	.05	.025
008	IRON	.05	.25
009	MAGNESIUM	.25	.175
010	MANGANESE	.005	.008
011	MOLYBDENIUM	.	.
012	NICKEL	.008	.025
013	LEAD	.125	.05
014	TITANIUM	.05	.05
015	VANADIUM	.002	.02
016	SILICON	2.5	1.75
017	OTHERS FOUND	.	.
018	URANIUM	.005	.012
019		.	.
020		.	.
021		.	.
22		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 4/16/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
03 MARCH	1980	228	010	PROPANE FARM

Code	Item	Cols 19–23	Cols 26–30
001	VOLUME – FT^3	93450	76500
002	TOTAL PART – MG	66.7	26.5
003	~~RESIDUE – MG~~ END DATE	2.0313	0327
004	ALUMINUM – MG	2.0	1.25
005	CALCIUM	5.0	1.25
006	CHROMIUM	.002	.015
007	COPPER	.5	.25
008	IRON	.05	.018
009	MAGNESIUM	.175	.175
010	MANGANESE	.002	.002
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.05
013	LEAD	.125	.05
014	TITANIUM	.05	.05
015	VANADIUM	.002	.05
016	SILICON	2.0	1.75
017	OTHERS FOUND	.	.
018	URANIUM	.015	.003
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

12560 5-78

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 4/16/80

PARTICULATE AIR DATA

MONTH: 03 MARCH | YEAR: 1980 | FIRST DAY: 28 | STAT. NO.: 011 | LOCATION: K 1420

1 2 3	4 5 6 7 8 9 10 11	12 13	14 15	16 17 18 19 20	21 22 23	24 25	26 27 28 29 30	31 32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51
001	VOLUME-FT³			1 50	360	1	57830		
002	TOTAL PART		-MG	59.8			34.1		
003	~~RESIDUE~~		~~=MG~~	END DATE 0	313		0327		
004	ALUMINUM		-MG	2.0			1.75		
005	CALCIUM		↓	5.0			.75		
006	CHROMIUM			.	002		.015		
007	COPPER			.5			.25		
008	IRON			.05			.012		
009	MAGNESIUM			.	175		.175		
010	MANGANESE			.	005		.002		
011	MOLYBDENIUM			.			.		
012	NICKEL			.	05		.05		
013	LEAD			.	125		.05		
014	TITANIUM			.	025		.05		
015	VANADIUM			.	002		.02		
016	SILICON			1.	75		1.75		
017	OTHERS FOUND			.			.		
018	URANIUM			.	021		.007		
019				.			.		
020				.			.		
021				.			.		
022				.			.		
023				.			.		
024				.			.		
998	(PUNCH)								
999	(PUNCH)								

TECHNICIAN'S SIGNATURE: R. E. Clark

COMPLETION DATE: 4/16/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
03 MARCH	1980	228	012	K1200

Code	Item	Value 1	Value 2
001	VOLUME-FT³	123300	116200
002	TOTAL PART-MG	60.2	38.7
003	~~RESIDUE-MG~~ END DATE	0313	0327
004	ALUMINUM -MG	2.0	2.5
005	CALCIUM	2.5	1.0
006	CHROMIUM	.01	.015
007	COPPER	.5	.075
008	IRON	.05	.25
009	MAGNESIUM	.175	.175
010	MANGANESE	.005	.002
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.05
013	LEAD	.125	.05
014	TITANIUM	.05	.05
015	VANADIUM	.002	.005
016	SILICON	1.75	2.5
017	OTHERS FOUND	.	.
018	URANIUM	.021	.008
019		.	.
020		.	.
021		.	.
22		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 4/16/80

DATE OF SERVICE TRIP 3/7/80 BUILDING ROUTINE ☐ REPORT NO. 856

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 2/29 - 3/7	1400 to 1400	8.5	85.7	0.10	0.006	0.015		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	0.365	0.004	0.018		
3	Radio Tower	1400 to 1400	8.5	85.7	0.417	0.007	0.035		
4	Blair Road	1400 to 1400	8.5	85.7	0.061	0.005	0.015		
5	Credit Union	1400 to 1400	8.5	85.7	0.050	0.001	0.026		
6	Cabin	1400 to 1400	8.5	85.7	0.047	<0.001	0.018		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		~~R. D. Gilmore~~	
								D.T. Duncan	

PLED R. L. Clark SUPERVISOR R. McCall DATE RELEASED 4/14/80

DATE OF SERVICE TRIP 3/14/80 BUILDING ROUTINE ☐ REPORT NO. 857

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 3/7 - 3/14	1400 to 1400	8.5	85.7	0.070	0.002	0.10		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	0.082	0.002	0.088		
3	Radio Tower	1400 to 1400	8.5	85.7	0.088	0.002	0.070		
4	Blair Road	1400 to 1400	8.5	85.7	0.035	<0.001	0.074		
5	Credit Union	1400 to 1400	8.5	85.7	<0.03	<0.001	0.058		
6	Cabin	1400 to 1400	8.5	85.7	0.055	<0.001	0.035		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

SAMPLER R. L. Clark SUPERVISOR Jo McCall DATE RELEASED 4/10/80

DATE OF SERVICE TRIP 3/21/80 BUILDING ROUTINE ☐ REPORT NO. 858

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 3/14 - 3/21	1400 to 1400	8.5	85.7	0.11	<0.001	0.041		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	0.336	<0.001	0.033		
3	Radio Tower	1400 to 1400	8.5	85.7	0.090	<0.001	0.041		
4	Blair Road	1400 to 1400	8.5	85.7	0.047	<0.001	0.041		
5	Credit Union	1400 to 1400	8.5	85.7	0.047	<0.001	0.033		
6	Cabin	1400 to 1400	8.5	85.7	0.053	<0.001	0.044		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		R. D. Gilmore	

IPLED R. L. Clark SUPERVISOR J. McCall DATE RELEASED 4/14/80

DATE OF SERVICE TRIP 3/28/80 BUILDING ROUTINE ☐ REPORT NO. 859

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 3/21 - 3/28	1400 to 1400	8.5	85.7	0.11	0.004	0.047		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	0.11	0.003	0.021		
3	Radio Tower	1400 to 1400	8.5	85.7	0.067	0.001	0.027		
4	Blair Road	1400 to 1400	8.5	85.7	0.13	0.014	0.035		
5	Credit Union	1400 to 1400	8.5	85.7	0.047	0.001	0.029		
6	Cabin	1400 to 1400	8.5	85.7	0.11	<0.001	0.015		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski R. D. Gilmore

SAMPLED R. L. Clark SUPERVISOR J. R. McCall DATE RELEASED 4/14/80

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03MARCH                1980GASEØUS FLUØRIDE07
001K-901 PUMPHØUSE      0.10    0.070   0.11    0.11
 02K-1206D TRAILER      0.365   0.082   0.336   0.11
003RADIØ TØWER          0.417   0.088   0.090   0.067
004BLAIR RØAD           0.061   0.035   0.047   0.13
005CREDIT UNIØN         0.050-  0.003   0.047   0.047
006WATTS BAR CABIN      0.047   0.055   0.053   0.11
998
03MARCH                1980URANIUM            07
001K-901 PUMPHØUSE      0.006   0.002-  0.001   0.004
002K-1206D TRAILER      0.004   0.002-  0.001   0.003
003RADIØ TØWER          0.007   0.002-  0.001   0.001
004BLAIR RØAD           0.005-  0.001-  0.001   0.014
005CREDIT UNIØN         0.001-  0.001-  0.001   0.001
006WATTS BAR CABIN     -0.001-  0.001-  0.001-  0.001
998
03MARCH                1980CHRØMIUM           07
001K-901 PUMPHØUSE      0.015   0.10    0.041   0.047
002K-1206D TRAILER      0.018   0.088   0.033   0.021
 03RADIØ TØWER          0.035   0.070   0.041   0.027
004BLAIR RØAD           0.015   0.074   0.041   0.035
005CREDIT UNIØN         0.026   0.058   0.033   0.029
006WATTS BAR CABIN      0.018   0.035   0.044   0.015
999
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DATA SHEET (80 column)

7230B
5-72)

PARTICULA[illegible] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	07	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	3	0	2	5			8	6	4	0	0			8	5	7	2	5														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	9	.	7			1	4	3	.	3			2	1	9	.	2						.							.		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	3	.	7				4	7	.	4				6	3	.	5						.							.		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	.						6	.						6	.							.							.		
0	0	5	C	A	L	C	I	U	M					↓				4	.						6	.						9	.							.							.		
0	0	6	C	H	R	O	M	I	U	M				↓					.	0	2					.	0	4					.	0	6					.							.		
0	0	7	C	O	P	P	E	R											.	5					1	.	0					1	.	5						.							.		
0	0	8	I	R	O	N												2	.						5	.						6	.							.							.		
0	0	9	M	A	G	N	E	S	I	U	M								.	5					1	.	0					1	.	5						.							.		
0	1	0	M	A	N	G	A	N	E	S	E								.	0	2					.	0	8					.	0	6					.							.		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.	0	0	4				.							.							.							.		
0	1	2	N	I	C	K	E	L											.	1						.	2						.	3						.							.		
0	1	3	L	E	A	D													.	0	8					.	1						.	2						.							.		
0	1	4	T	I	T	A	N	I	U	M									.	0	4					.	0	6					.	2						.							.		
0	1	5	V	A	N	A	D	I	U	M									.	0	0	8				.	0	0	8				.	0	4					.							.		
0	1	6	S	I	L	I	C	O	N									3	.						5	.						8	.							.							.		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.		
0	1	8																	.							.							.							.							.		
0	1	9																	.							.							.							.							.		
0	2	0																	.							.							.							.							.		
0	2	1																	.							.							.							.							.		
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0	2	3																	.							.							.							.							.		
0	2	4																	.							.							.							.							.		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: P. L. Clark

COMPLETION DATE: 5/19/80

PARTICULA[illegible] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	07	002	NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	3	7	0	0			8	3	7	0	0			8	7	0	7	5														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	9	.	2			1	5	6	.	5			2	2	8	.	6						.							.		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	3	.	7				6	3	.	7				7	3	.	4						.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	.						7	.						7	.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				3	.						7	.						7	.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	1					.	1						.	0	4					.							.			
0	0	7	C	O	P	P	E	R											.	5					2	.						1	.	5						.							.			
0	0	8	I	R	O	N												2	.						6	.						6	.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	5					2	.						1	.	5						.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	2					.	1						.	1						.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.	0	0	4				.	0	0	5				.							.							.			
0	1	2	N	I	C	K	E	L											.	1						.	3						.	3						.							.			
0	1	3	L	E	A	D													.	0	8					.	2						.	2						.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	4					.	1						.	1						.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	8				.	0	0	8				.	0	4					.							.			
0	1	6	S	I	L	I	C	O	N									2	.						8	.						6	.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
0	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 5/19/80

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1980 | FIRST DAY: 07 | STAT. NO.: 003 | LOCATION: EAST HIVOL

1–2	3	4–11	12–15	16–18	19–20	21–25	26–30	31–33	34–41	42–44	45–47	48–49	50–51
00	1	VOLUME-FT³			81	000	81000		8370				
00	2	TOTAL PART-MG			55	.2	227	25	4.9	.		.	
00	3	RESIDUE-MG		28	.1	11	2.1	98	.1			.	
00	4	ALUMINUM-MG			2.	8	12.	11	.			.	
00	5	CALCIUM			1.	5	7.	10	.			.	
00	6	CHROMIUM			.	03	.06		.1			.	
00	7	COPPER			.	5	8.	4	.			.	
00	8	IRON			2.		8.	5	.			.	
00	9	MAGNESIUM			.	5	2.5	2	.			.	
01	0	MANGANESE			.	02	.1		.1			.	
01	1	MOLYBDENIUM			.	004	.		.			.	
01	2	NICKEL			1.	4	10.	5	.			.	
01	3	LEAD			.	08	.4		.2			.	
01	4	TITANIUM			.	04	.2		.1			.	
01	5	VANADIUM			.	008	.02		.04			.	
01	6	SILICON			2.		20.	8	.			.	
01	7	OTHERS FOUND			.		.		.			.	
01	8				.		.		.			.	
01	9				.		.		.			.	
02	0				.		.		.			.	
02	1				.		.		.			.	
02	2				.		.		.			.	
02	3				.		.		.			.	
02	4				.		.		.			.	
99	8	(PUNCH)											
99	9	(PUNCH)											

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 5/19/80

UCN-12660 (1 5-78)

PARTICULA[illegible] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	07	004	SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	5	0	5	0			8	9	1	0	0			8	5	7	2	5														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	7	.	4			1	4	7	.	3			1	8	4	.	4						.							.		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	2	.	4				5	3	.	6				5	7	.	1						.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	.						5	.						6	.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				3	.						5	.						6	.							.							.			
0	0	6	C	H	R	O	M	I	U	M				↓					.	0	2					.	0	5					.	0	6					.							.			
0	0	7	C	O	P	P	E	R										2	.						5	.						5	.							.							.			
0	0	8	I	R	O	N												2	.						5	.						6	.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	0	5				1	.	0					1	.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	2					.	0	5					.	0	6					.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	2						.	5						.	6						.							.			
0	1	3	L	E	A	D													.	0	8					.	3						.	2						.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	4					.	0	9					.	0	8					.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	8				.	0	1					.	0	4					.							.			
0	1	6	S	I	L	I	C	O	N									4	.						6	.						7	.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
0	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 5/19/80

PARTICULA(   ) AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	0327	005	WINKLE LAKE

Card (cols 1–3)	Item (cols 4–16)	Cols 17–23	Cols 24–30
001	VOLUME-FT³	183340	212390
002	TOTAL PART-MG	34.9	48.8
003	~~RESIDUE-MG~~ END DATE	0409	0424
004	ALUMINUM -MG ↓	1.25	1.75
005	CALCIUM	2.5	2.5
006	CHROMIUM	.025	.025
007	COPPER	.05	.075
008	IRON	.075	.25
009	MAGNESIUM	.25	.25
010	MANGANESE	.005	.01
011	MOLYBDENUM	.	.
012	NICKEL	.025	.025
013	LEAD	.05	.05
014	TITANIUM	.025	.05
015	VANADIUM	.002	.002
016	SILICON	1.25	2.5
017	OTHERS FOUND	.	.
018	URANIUM	.001	.001
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: K. S. Clark

COMPLETION DATE: 5/20/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	0327	006	PORTAL 9

Card	Item	Cols. 17–23	Cols. 24–30
001	VOLUME-FT³	112640	40350
002	TOTAL PART-MG	88.3	49.6
003	~~RESIDUE-MG~~ END DATE	0409	0424
004	ALUMINUM -MG	.75	1.25
005	CALCIUM ↓	.75	1.25
006	CHROMIUM	.025	.025
007	COPPER	.075	.012
008	IRON	.075	.25
009	MAGNESIUM	.175	.175
010	MANGANESE	.005	.01
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.025
013	LEAD	.05	.025
014	TITANIUM	.025	.025
015	VANADIUM	.002	.002
016	SILICON	1.75	1.75
017	OTHERS FOUND	.	.
018	URANIUM	.005	.002
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 5/20/80

UCN-12660
(1 5-78)

PARTICULATE - AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	0327	007	HF TANK FARM

Cols 1–3	Cols 4–16	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME-FT^3	111440	130070			
002	TOTAL PART-MG	34.2	62.0	.	.	.
003	~~RESIDUE-MG~~ END DATE	0409	0424	.	.	.
004	ALUMINUM -MG	.75	2.0	.	.	.
005	CALCIUM	1.25	1.75	.	.	.
006	CHROMIUM	.025	.025	.	.	.
007	COPPER	.025	.025	.	.	.
008	IRON	.075	.5	.	.	.
009	MAGNESIUM	.175	.2	.	.	.
010	MANGANESE	.005	.008	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.008	.05	.	.	.
013	LEAD	.050	.05	.	.	.
014	TITANIUM	.025	.05	.	.	.
015	VANADIUM	.002	.002	.	.	.
016	SILICON	1.75	2.5	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.002	.001	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 5/20/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	0327	008	K 33

Card	Item	Cols 17–23	Cols 24–30
001	VOLUME – FT³	104180	116215
002	TOTAL PART – MG	31.1	49.5
003	~~RESIDUE – MG~~ END DATE	0409	0424
004	ALUMINUM – MG	1.25	1.75
005	CALCIUM	.75	1.75
006	CHROMIUM	.025	.025
007	COPPER	.01	.012
008	IRON	.125	.5
009	MAGNESIUM	.175	.2
010	MANGANESE	.005	.01
011	MOLYBDENIUM	.	.
012	NICKEL	.008	.1
013	LEAD	.025	.025
014	TITANIUM	.025	.025
015	VANADIUM	.002	.002
016	SILICON	1.25	1.75
017	OTHERS FOUND	.	.
018	URANIUM	.002	.002
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 5/20/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 04 APRIL | YEAR: 1980 | FIRST DAY: 0327 | STAT. NO.: 009 | LOCATION: SALVAGE YD

Col. 1–3	Col. 4–11	Col. 12–15	Col. 16–18	Col. 19–20	Col. 21–23	Col. 24–25	Col. 26–30	Col. 31–34	Col. 35–38	Col. 39–41	Col. 42–44	Col. 45–47	Col. 48–49	Col. 50–51
001	VOLUME-FT³			90	040		82500							
002	TOTAL PART-MG			47	.8		64.0		.		.		.	
003	~~RESIDUE-MG~~ END DATE			0	409		0424	.		.			.	
004	ALUMINUM	MG		2	.0		1.75	.		.			.	
005	CALCIUM	↓		2	.5		2.5	.		.			.	
006	CHROMIUM				.025		.025	.		.			.	
007	COPPER				.025		.012	.		.			.	
008	IRON				.25		.25	.		.			.	
009	MAGNESIUM				.25		.2	.		.			.	
010	MANGANESE				.005		.075	.		.			.	
011	MOLYBDENIUM				.		.	.		.			.	
012	NICKEL				.002		.05	.		.			.	
013	LEAD				.05		.025	.		.			.	
014	TITANIUM				.005		.025	.		.			.	
015	VANADIUM				.002		.002	.		.			.	
016	SILICON			2	.5		2.5	.		.			.	
017	OTHERS FOUND				.		.	.		.			.	
018	URANIUM				.026		.007	.		.			.	
019					.		.	.		.			.	
020					.		.	.		.			.	
021					.		.	.		.			.	
022					.		.	.		.			.	
023					.		.	.		.			.	
024					.		.	.		.			.	
998	(PUNCH)													
999	(PUNCH)													

UCN-12660 (1 5-8)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 5/20/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	0327	010	PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						5	1	3	5	0			6	7	6	9	0																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			3	3	•	6				6	2	•	0						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						0	4	0	9				0	4	2	4				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	2	5					•	2	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓				2	•	5					2	•	5						•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	2	5				•	0	2	5				•							•							•			
0	0	7	C	O	P	P	E	R										1	•	0					1	•	2	5					•							•							•			
0	0	8	I	R	O	N													•	1	2	5				•	2	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	1	7	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•	/						•							•							•			
0	1	2	N	I	C	K	E	L											•	0	2	5				•	0	5					•							•							•			
0	1	3	L	E	A	D													•	0	5					•	0	5					•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2	5				•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									1	•	7	5				2	•	5						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	6				•	0	1	3				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 5/20/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	0327	011	K 1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						1	4	9	0	6	0			3	5	9	5	0																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				3	7	.	2		NOT RUNNING											.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							0	4	0	9				0	4	2	4				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				1	.	2	5					.	1	2	5				.							.							.			
0	0	5	C	A	L	C	I	U	M					↓					2	.	5						.	5						.							.							.			
0	0	6	C	H	R	O	M	I	U	M										.	0	2	5				.	0	2	5				.							.							.			
0	0	7	C	O	P	P	E	R											1	.	2	5					.	0	0	8				.							.							.			
0	0	8	I	R	O	N														.	1	2	5				.	5						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M									.	1	7	5				.	1	7	5				.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E									.	0	0	5				.	0	0	2				.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							.							.							.							.							.			
0	1	2	N	I	C	K	E	L												.	0	5					.	0	5					.							.							.			
0	1	3	L	E	A	D														.	0	5					.	0	0	2				.							.							.			
0	1	4	T	I	T	A	N	I	U	M										.	0	2	5				.	0	0	5				.							.							.			
0	1	5	V	A	N	A	D	I	U	M										.	0	0	2				.	0	0	1				.							.							.			
0	1	6	S	I	L	I	C	O	N										1	.	7	5					.	0	5					.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M											.	0	1	2				.	0	0	0				.							.							.			
0	1	9																		.							.							.							.							.			
0	2	0																		.							.							.							.							.			
0	2	1																		.							.							.							.							.			
0	2	2																		.							.							.							.							.			
0	2	3																		.							.							.							.							.			
0	2	4																		.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 5/20/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
04 APRIL	1980	0327	012	K 1200

Code	Item	Cols. 17–23	Cols. 24–30
001	VOLUME – FT³	115200	136800
002	TOTAL PART – MG	37.4	55.4
003	~~RESIDUE – MG~~ END DATE	0409	0424
004	ALUMINUM – MG	1.25	1.75
005	CALCIUM ↓	2.5	2.5
006	CHROMIUM	.025	.025
007	COPPER	.25	.5
008	IRON	.125	.5
009	MAGNESIUM	.175	.175
010	MANGANESE	.005	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.05
013	LEAD	.025	.05
014	TITANIUM	.025	.05
015	VANADIUM	.002	.002
016	SILICON	1.75	2.5
017	OTHERS FOUND	.	.
018	URANIUM	.014	.006
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 5/20/80

UCN-12660
(1 5-78)

DATE OF SERVICE TRIP 4/3/80 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 860 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 3/28/80-4/3/80	1400 to 1400	8.5	~~85.7~~ 73.4	.143	.004	.014		
2	K-1206-D Trailer	1400 to 1400	8.5	~~85.7~~ 73.4	.490	.001	.017		
3	Radio Tower	1400 to 1400	8.5	~~85.7~~ 73.4	.315	.001	.024		
4	Blair Road	1400 to 1400	8.5	~~85.7~~ 73.4	.067	.008	.020		
5	Credit Union	1400 to 1400	8.5	~~85.7~~ 73.4	.064	.001	.020		
6	Cabin	1400 to 1400	8.5	~~85.7~~ 73.4	.047	<.001	.017		

DISTRIBUTION:

E. J. Barber — T. E. Bard

T. Kwasnoski — ~~R. D. Gilmore~~ D.T. DUNCAN

SAMPLED BY R.L. Clark SUPERVISOR J.S. McCall DATE RELEASED 6/4/80

DATE OF SERVICE TRIP 4/11/80 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 861 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 4/3/80-4/11/80	1400 to 1400	8.5	85.7	.148	.004	.046		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.338	.005	.031		
3	Radio Tower	1400 to 1400	8.5	85.7	.207	.003	.048		
4	Blair Road	1400 to 1400	8.5	85.7	.061	.004	.020		
5	Credit Union	1400 to 1400	8.5	85.7	.052	.002	.033		
6	Cabin	1400 to 1400	8.5	85.7	.061	.001	.026		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		~~R. D. Gilmore~~	
								D.T. DUNCAN	

SAMPLED BY R.L. Clark SUPERVISOR J.S. McCall DATE RELEASED 6/4/80

DATE OF SERVICE TRIP 4/18/80 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 862 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 4/11/80-4/18/80	1400 to 1400	8.5	85.7	.067	.002	.020		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.327	.002	.018		
3	Radio Tower	1400 to 1400	8.5	85.7	.137	.001	.015		
4	Blair Road	1400 to 1400	8.5	85.7	.050	.002	.018		
5	Credit Union	1400 to 1400	8.5	85.7	.047	.002	.023		
6	Cabin	1400 to 1400	8.5	85.7	.029	.002	.020		

DISTRIBUTION:

E. J. Barber — T. E. Bard

T. Kwasnoski — ~~R. D. Gilmore~~ D.T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR J. R. McCall DATE RELEASED 6/4/80

DATE OF SERVICE TRIP 4/25/80 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 863 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 4/18/80 -4/25/80	1400 to 1400	8.5	85.7	.190	.004	.028		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.426	.015	.020		
3	Radio Tower	1400 to 1400	8.5	85.7	.262	.005	.026		
4	Blair Road	1400 to 1400	8.5	85.7	.099	.012	.026		
5	Credit Union	1400 to 1400	8.5	85.7	.055	.002	.026		
6	Cabin	1400 to 1400	8.5	85.7	.029	<.001	.026		

DISTRIBUTION:

E. J. Barber — T. E. Bard

T. Kwasnoski — ~~R. D. Gilmore~~ D.T. DUNCAN

SAMPLED R. L. Clark SUPERVISOR J. B. McCall DATE RELEASED 6/4/80

```
04APRIL                1980GASEØUS  FLUØRIDE 03
 01K-901  PUMPHØUSE      0.143  0.148  0.067  0.190
002K-1206D  TRAILER      0.490  0.338  0.327  0.426
003RADIØ  TØWER          0.315  0.207  0.137  0.262
004BLAIR  RØAD           0.067  0.061  0.050  0.099
005CREDIT  UNIØN         0.064  0.052  0.047  0.055
006WATTS  BAR  CABIN     0.047  0.061  0.029  0.029
998
04APRIL                1980URANIUM            03
001K-901  PUMPHØUSE      0.004  0.004  0.002  0.004
002K-1206D  TRAILER      0.001  0.005  0.002  0.015
003RADIØ  TØWER          0.001  0.003  0.001  0.005
004BLAIR  RØAD           0.008  0.004  0.002  0.012
005CREDIT  UNIØN         0.001  0.002  0.002  0.002
006WATTS  BAR  CABIN    -0.001  0.001  0.002 -0.001
998
04APRIL                1980CHRØMIUM           03
001K-901  PUMPHØUSE      0.014  0.046  0.020  0.028
 02K-1206D  TRAILER      0.017  0.031  0.018  0.020
003RADIØ  TØWER          0.024  0.048  0.015  0.026
004BLAIR  RØAD           0.020  0.020  0.018  0.026
005CREDIT  UNIØN         0.020  0.033  0.023  0.026
006WATTS  BAR  CABIN     0.017  0.026  0.020  0.026
999
```

DATA SHEET (80 column)

·7230B
5-72)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1980	01	001	WEST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	1	1	2	5			9	5	8	5	0			8	5	0	5	0			9	1	8	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	3	4	.	6			1	9	2	.	3			1	4	9	.	9			1	8	0	.	0						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	8	.	5				5	9	.	5				1	1	.	2					7	.	8						.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			5	.						6	.						1	.						1	.							.			
0	0	5	C	A	L	C	I	U	M					↓				4	.						9	.						2	.						1	.							.			
0	0	6	C	H	R	O	M	I	U	M				↓					.	0	4					.	0	3					.	0	1					.	0	0	8				.			
0	0	7	C	O	P	P	E	R										0	.	7						.	2						.	8						.	0	3					.			
0	0	8	I	R	O	N												4	.						2	.	5						.	5						.	5						.			
0	0	9	M	A	G	N	E	S	I	U	M							0	.	9					1	.	5						.	3						.	3						.			
0	1	0	M	A	N	G	A	N	E	S	E							0	.	0	5					.	0	6					.	0	1					.	0	0	1				.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L										0	.	3						.	0	6					.	0	1					.	0	1					.			
0	1	3	L	E	A	D												0	.	1						.	2						.	1						.	0	0	8				.			
0	1	4	T	I	T	A	N	I	U	M								0	.	0	5					.	2						.	0	4					.	0	4					.			
0	1	5	V	A	N	A	D	I	U	M								0	.	0	0	5				.	0	1					.	0	0	2				.	0	0	2				.			
0	1	6	S	I	L	I	C	O	N									4	.	0				1	2	.						2	.						1	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
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0	2	2																	.							.							.							.							.			
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9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: K. L. Clark

COMPLETION DATE: 6/17/80

PARTICULATE AIR DATA

MONTH: 05 MAY YEAR: 1980 FIRST DAY: 01 STAT. NO.: 002 LOCATION: NORTH HIVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME-FT3	89775	91800	86400	92880	
002	TOTAL PART-MG	158.3	172.0	159.3	165.7	.
003	RESIDUE-MG	47.8	49.7	13.4	8.	.
004	ALUMINUM -MG	5.	3.	1.	1.	.
005	CALCIUM	5.	4.	2.	1.	.
006	CHROMIUM	.02	.02	.01	.008	.
007	COPPER	.8	.2	1.	.5	.
008	IRON	4.	2.	.7	.7	.
009	MAGNESIUM	1.0	1.	.2	.2	.
010	MANGANESE	.08	.04	.01	.01	.
011	MOLYBDENIUM	.004	.	.001	.	.
012	NICKEL	0.2	.04	.02	.01	.
013	LEAD	0.1	.2	.1	.05	.
014	TITANIUM	.09	.2	.04	.03	.
015	VANADIUM	.005	.008	.002	.002	.
016	SILICON	5.	8.	2.	1.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/17/80

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1980	01	003	EAST HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	8	4	2	5			9	4	5	0	0			8	9	1	0	0			9	9	9	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	4	0	.	4			1	7	3	.	5			1	6	2	.	9			2	0	6	.	8						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	5	.	0				5	0	.	3				1	1	.	8				1	3	.	8						.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			4	.						6	.						2	.						1	.							.			
0	0	5	C	A	L	C	I	U	M					↓				3	.						6	.						2	.						2	.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	4					.	0	2					.	0	1					.	0	1					.			
0	0	7	C	O	P	P	E	R										2	.							.	5						.	3					1	.							.			
0	0	8	I	R	O	N												2	.						2	.							.	5						.	6						.			
0	0	9	M	A	G	N	E	S	I	U	M							1	.	0					1	.							.	2						.	3						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	5					.	0	4					.	0	2					.	0	1					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.	0	0	2				.			
0	1	2	N	I	C	K	E	L										2	.							.	1						.	0	4					.	0	6					.			
0	1	3	L	E	A	D													.	1						.	2						.	0	5					.	0	8					.			
0	1	4	T	I	T	A	N	I	U	M									.	0	8					.	2						.	0	4					.	0	4					.			
0	1	5	V	A	N	A	D	I	U	M									.	0	1					.	0	0	8				.	0	0	2				.	0	0	4				.			
0	1	6	S	I	L	I	C	O	N									4	.						8	.						2	.						2	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
5-78)

TECHNICIAN'S SIGNATURE: K. Clark

COMPLETION DATE: 6/17/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1980	01	004	SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3													9	5	8	5	0			9	5	8	5	0			9	5	8	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G									1	9	2	.	5			1	4	4	.	0			2	6	8	.	0						.		
0	0	3	R	E	S	I	D	U	E	-	M	G												6	6	.	3				1	1	.					5	8	.	5						.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				.						5	.						1	.					1	0	.							.			
0	0	5	C	A	L	C	I	U	M					↓					.					1	0	.						2	.						8	.							.			
0	0	6	C	H	R	O	M	I	U	M									.							.	0	3					.	0	1					.	0	4					.			
0	0	7	C	O	P	P	E	R											.						2	.							.	2					1	.							.			
0	0	8	I	R	O	N													.						2	.	5						.	6					1	.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.						1	.	5						.	3					1	.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.							.	7						.	0	1					.	0	5					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.						1	.							.	0	2					.	1						.			
0	1	3	L	E	A	D													.							.	2						.	1						.	2						.			
0	1	4	T	I	T	A	N	I	U	M									.							.	2						.	0	4					.	0	4					.			
0	1	5	V	A	N	A	D	I	U	M									.							.	0	1					.	0	0	2				.	0	0	2				.			
0	1	6	S	I	L	I	C	O	N										.					1	3	.						2	.					1	0	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
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0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: K. Clark

COMPLETION DATE: 6/17/80

PARTICULA[illegible] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1980	0424	005	WINKEL LAKE

Code	Item	Value (cols 17–23)	Value (cols 24–30)
001	VOLUME-FT^3	287120	19142.5
002	TOTAL PART-MG	83.7	52.7
003	~~RESIDUE-MG~~ END DATE	0515	0529
004	ALUMINUM -MG	2.5	.75
005	CALCIUM	2.5	1.75
006	CHROMIUM	.01	.025
007	COPPER	.025	.025
008	IRON	1.75	2.5
009	MAGNESIUM	.25	.175
010	MANGANESE	.025	.05
011	MOLYBDENIUM	.	.
012	NICKEL	.075	.05
013	LEAD	.075	.05
014	TITANIUM	.05	.025
015	VANADIUM	.002	.002
016	SILICON	2.5	.5
017	OTHERS FOUND	.	.
018	URANIUM	.002	.001
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/24/80

UCN-12660
(1 5-78)

PARTICULAT[illegible] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1980	0424	006	PORTAL 9

Card	Item	Cols. 19–23	Cols. 26–30
001	VOLUME-FT³	95230	73180
002	TOTAL PART-MG	91.9	101.0
003	~~RESIDUE-MG~~ END DATE	0515	0529
004	ALUMINUM -MG	2.5	.75
005	CALCIUM	2.5	1.25
006	CHROMIUM	.01	.015
007	COPPER	.012	.012
008	IRON	2.0	.25
009	MAGNESIUM	.25	.175
010	MANGANESE	.025	.01
011	MOLYBDENIUM	.	.
012	NICKEL	.075	.025
013	LEAD	.05	.05
014	TITANIUM	.05	.025
015	VANADIUM	.002	.002
016	SILICON	2.5	.75
017	OTHERS FOUND	.	.
018	URANIUM	.005	.003
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. [illegible] Clark

COMPLETION DATE: 6/24/80

UCN-12660
(1 5-78)

PARTICULAT : AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1980	0424	007	HF TANK FARM

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME-FT^3	154220	119460			
002	TOTAL PART-MG	79.9	93.1	•	•	•
003	~~RESIDUE-MG~~ END DATE	0515	0529	•	•	•
004	ALUMINUM -MG	5.0	1.75	•	•	•
005	CALCIUM	2.5	1.25	•	•	•
006	CHROMIUM	.01	.015	•	•	•
007	COPPER	.	.012	•	•	•
008	IRON	.012	.5	•	•	•
009	MAGNESIUM	.25	.175	•	•	•
010	MANGANESE	.025	.025	•	•	•
011	MOLYBDENIUM	.	.	•	•	•
012	NICKEL	.075	.05	•	•	•
013	LEAD	.05	.05	•	•	•
014	TITANIUM	.05	.025	•	•	•
015	VANADIUM	.002	.005	•	•	•
016	SILICON	2.5	2.5	•	•	•
017	OTHERS FOUND	.	.	•	•	•
018	URANIUM	.002	.002	•	•	•
019		.	.	•	•	•
020		.	.	•	•	•
021		.	.	•	•	•
022		.	.	•	•	•
023		.	.	•	•	•
024		.	.	•	•	•
998	(PUNCH)					
999	(PUNCH)					

UCN-12660 (1 5-78)

TECHNICIAN'S SIGNATURE: R. C. Clark

COMPLETION DATE: 6/24/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1980	0424	008	K33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	7	0	2	2	5		1	2	0	6	7	5																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			9	2	•	1				6	8	•	2							•						•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					0	5	1	5				0	5	2	9					•						•						•				
0	0	4	A	L	U	M	I	N	U	M			-	M	G			5	•	0						•	7	5						•						•						•				
0	0	5	C	A	L	C	I	U	M					↓				2	•	5						•	7	5						•						•						•				
0	0	6	C	H	R	O	M	I	U	M									•	0	1					•	0	1	5					•						•						•				
0	0	7	C	O	P	P	E	R											•	5						•	0	0	8					•						•						•				
0	0	8	I	R	O	N												2	•	0						•	5							•						•						•				
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5					•	1	7	5					•						•						•				
0	1	0	M	A	N	G	A	N	E	S	E								•	0	5					•	0	2	5					•						•						•				
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•						•						•				
0	1	2	N	I	C	K	E	L											•	1	5					•	0	5						•						•						•				
0	1	3	L	E	A	D													•	1	2	5				•	0	5						•						•						•				
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	2	5					•						•						•				
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	5					•						•						•				
0	1	6	S	I	L	I	C	O	N									2	•	5					1	•	7	5						•						•						•				
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•						•						•				
0	1	8	U	R	A	N	I	U	M										•	0	0	1				•	0	0	1					•						•						•				
0	1	9																	•							•								•						•						•				
0	2	0																	•							•								•						•						•				
0	2	1																	•							•								•						•						•				
0	2	2																	•							•								•						•						•				
0	2	3																	•							•								•						•						•				
0	2	4																	•							•								•						•						•				
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. C. Clark

COMPLETION DATE: 6/24/80

PARTICULAT[E] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1980	0424	009	SALVAGE YD

Card (cols 1–3)	Item (cols 4–16)	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT^3	151710	106690			
002	TOTAL PART – MG	133.8	90.3	.	.	.
003	~~RESIDUE – MG~~	0515	0529	.	.	.
004	ALUMINUM – MG	5.	.75	.	.	.
005	CALCIUM	2.5	2.5	.	.	.
006	CHROMIUM	.1	.015	.	.	.
007	COPPER	.75	.012	.	.	.
008	IRON	1.25	.25	.	.	.
009	MAGNESIUM	.25	.175	.	.	.
010	MANGANESE	.025	.01	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.05	.05	.	.	.
013	LEAD	.125	.05	.	.	.
014	TITANIUM	.05	.025	.	.	.
015	VANADIUM	.002	.002	.	.	.
016	SILICON	2.5	1.25	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.013	.002	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660
(* 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/24/80

PARTICULATE AIR DATA

MONTH: 05 MAY | YEAR: 1980 | FIRST DAY: 0424 | STAT. NO.: 010 | LOCATION: PROPANE FARM

Card	Description (cols 4–16)	Cols 17–23	Cols 26–30
001	VOLUME – FT³	170840	54825
002	TOTAL PART – MG	128.3	33.0
003	~~RESIDUE – MG~~ END DATE	0515	0529
004	ALUMINUM – MG	2.5	.75
005	CALCIUM	5.	2.5
006	CHROMIUM	.01	.015
007	COPPER	.075	.05
008	IRON	1.25	.25
009	MAGNESIUM	.25	.175
010	MANGANESE	.025	.01
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.05
013	LEAD	.05	.05
014	TITANIUM	.05	.025
015	VANADIUM	.002	.002
016	SILICON	2.0	.75
017	OTHERS FOUND	.	.
018	URANIUM	.024	.001
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 6/24/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
05 MAY	1980	0424	011	K-1420 ~~PROPANE FARM~~

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3							8	9	8	9	0		1	0	5	4	9	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			1	1	2	.	3				8	6	.	6						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							0	5	1	5				0	5	2	9				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				2	.	5						.	7	5					.							.							.			
0	0	5	C	A	L	C	I	U	M					↓					2	.	5					2	.	5						.							.							.			
0	0	6	C	H	R	O	M	I	U	M										.	0	1					.	0	0	8				.							.							.			
0	0	7	C	O	P	P	E	R												.	0	5					.	5						.							.							.			
0	0	8	I	R	O	N													1	.	2	5					.	5						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M									.	2	5					.	1	7	5				.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E									.	0	2	5				.	0	1					.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							.							.							.							.							.			
0	1	2	N	I	C	K	E	L												.	0	5					.	0	7	5				.							.							.			
0	1	3	L	E	A	D														.	0	7	5				.	0	7	5				.							.							.			
0	1	4	T	I	T	A	N	I	U	M										.	0	5					.	0	2	5				.							.							.			
0	1	5	V	A	N	A	D	I	U	M										.	0	0	2				.	0	0	5				.							.							.			
0	1	6	S	I	L	I	C	O	N										2	.	5						.	5						.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M											.	0	5	4				.	0	0	9				.							.							.			
0	1	9																		.							.							.							.							.			
0	2	0																		.							.							.							.							.			
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0	2	2																		.							.							.							.							.			
0	2	3																		.							.							.							.							.			
0	2	4																		.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.C. Clark

COMPLETION DATE: 6/24/80

PARTICULATE AIR DATA

MONTH: 05 MAY | YEAR: 1980 | FIRST DAY: 0424 | STAT. NO.: 012 | LOCATION: K 1200

1 2 3	4 5 6 7 8 9 10 11	12 13	14 15	16	17 18	19 20	21 22 23	24 25	26 27 28 29 30	31 32 33	34 35 36 37	38 39 40	41 42 43 44 45 46 47	48 49 50 51
001	VOLUME-FT³				1	69	500		8390					
002	TOTAL PART-MG					88.8			65.7					
003	~~RESIDUE-MG~~	END	DATE			0515			0529					
004	ALUMINUM-MG					2.5			.5					
005	CALCIUM					2.5			2.5					
006	CHROMIUM					.01			.015					
007	COPPER					.025			.025					
008	IRON					1.75			.5					
009	MAGNESIUM					.25			.175					
010	MANGANESE					.025			.01					
011	MOLYBDENIUM					.			.					
012	NICKEL					.075			.075					
013	LEAD					.075			.05					
014	TITANIUM					.05			.025					
015	VANADIUM					.002			.002					
016	SILICON					2.5			.5					
017	OTHERS FOUND					.			.					
018	URANIUM					.049			.002					
019						.			.					
020						.			.					
021						.			.					
022						.			.					
023						.			.					
024						.			.					
998	(PUNCH)													
999	(PUNCH)													

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 6/24/80

DATE OF SERVICE TRIP 5/2/80 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 864 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 4/25/80-5/2/80	1400 to 1400	8.5	85.7	.383	.003	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.146	.002	<.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.273	.002	.015		
4	Blair Road	1400 to 1400	8.5	85.7	.069	.002	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	.048	<.001	<.014		
6	Cabin	1400 to 1400	8.5	85.7	.046	<.001	<.014		

DISTRIBUTION:

E. J. Barber
T. Kwasnoski
T. E. Bard
~~R. D. Gilmore~~
D.T. DUNCAN

SAMPLED BY R.L. Clark SUPERVISOR J.d McCall DATE RELEASED 6/4/80

DATE OF SERVICE TRIP 5/9/80 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 865 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 5/2/80 - 5/9/80	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.207	.002	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.723	.049	.018		
3	Radio Tower	1400 to 1400	8.5	85.7	.362	.007	<.014		
4	Blair Road	1400 to 1400	8.5	85.7	~~.003~~ .117	.003	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	.084	.005	<.014		
6	Cabin	1400 to 1400	8.5	85.7	.061	<.001	<.014		

DISTRIBUTION:

E. J. Barber
T. Kwasnoski
T. E. Bard
~~R. D. Gilmore~~
D.T. DUNCAN

SAMPLED R.L. Clark SUPERVISOR J. McCall DATE RELEASED 6/26/80

DATE OF SERVICE TRIP 5/16/80 BUILD ROUTINE ☐ REPORT NO. [illegible]

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 5/9/80 – 5/16/80	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.192	<.001	.023		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.747	.004	.023		
3	Radio Tower	1400 to 1400	8.5	85.7	.210	<.001	.020		
4	Blair Road	1400 to 1400	8.5	85.7	.067	.004	.020		
5	Credit Union	1400 to 1400	8.5	85.7	.088	<.001	.014		
6	Cabin	1400 to 1400	8.5	85.7	.061	<.001	.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR J McCall DATE RELEASED 6/26/80

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 5/16/80 – 5/23/80	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.219	.001	.020		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.729	.001	.020		
3	Radio Tower	1400 to 1400	8.5	85.7	.292	.002	.018		
4	Blair Road	1400 to 1400	8.5	85.7	.099	<.001	.020		
5	Credit Union	1400 to 1400	8.5	85.7	.064	<.001	.014		
6	Cabin	1400 to 1400	8.5	85.7	.055	<.001	.014		

DISTRIBUTION:

E. J. Barber — T. E. Bard

T. Kwasnoski — D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR J. McCall DATE RELEASED 6/26/80

DATE OF SERVICE TRIP 5/30/80 BUILD ROUTINE ☐ SPECIAL ☐ REPORT NO. 060 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 5/23/80-5/30/80	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.169	.003	.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.714	.002	.014		
3	Radio Tower	1400 to 1400	8.5	85.7	.254	.003	.014		
4	Blair Road	1400 to 1400	8.5	85.7	.052	<.001	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	.064	<.001	<.014		
6	Cabin	1400 to 1400	8.5	85.7	.052	<.001	<.014		

DISTRIBUTION:
E. J. Barber
T. Kwasnoski
T. E. Bard
D. T. DUNCAN

SAMPLED K. L. Clark SUPERVISOR J. J. McCall DATE RELEASED 6/26/80

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
0	5	M	A	Y										1	9	8	0	G	A	S	E	Ø	U	S		F	L	U	Ø	R	I	D	E	0	2																														
	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	3	8	3		0	.	2	0	7		0	.	1	9	2		0	.	2	1	9		0	.	1	6	9																
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	1	4	6		0	.	7	2	3		0	.	7	4	9		0	.	7	2	9		0	.	7	1	4																
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0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N			0	.	0	4	6		0	.	0	6	1		0	.	0	6	1		0	.	0	5	5		0	.	0	5	2																
0	0	7	W	I	N	D		V	A	N	E		B							0	.	6	9	8																																						
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9	9	8																																																														
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0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	0	0	3		0	.	0	0	2	-	0	.	0	0	1		0	.	0	0	1		0	.	0	0	3																
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0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	0	0	2		0	.	0	0	7	-	0	.	0	0	1		0	.	0	0	2		0	.	0	0	3																
0	0	4	B	L	A	I	R		R	Ø	A	D								0	.	0	0	2		0	.	0	0	3		0	.	0	0	4	-	0	.	0	0	1	-	0	.	0	0	1																
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N					-	0	.	0	0	1		0	.	0	0	5	-	0	.	0	0	1	-	0	.	0	0	1	-	0	.	0	0	1																
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N		-	0	.	0	0	1	-	0	.	0	0	1	-	0	.	0	0	1	-	0	.	0	0	1	-	0	.	0	0	1																
9	9	8																																																														
	5	M	A	Y										1	9	8	0	C	H	R	Y	M	I	U	M										0	2																														
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E		-	0	.	0	1	4	-	0	.	0	1	4		0	.	0	2	3		0	.	0	2	0		0	.	0	1	4																
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R		-	0	.	0	1	4		0	.	0	1	8		0	.	0	2	3		0	.	0	2	0		0	.	0	1	4																
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	0	1	5	-	0	.	0	1	4		0	.	0	2	0		0	.	0	1	8		0	.	0	1	4																
0	0	4	B	L	A	I	R		R	Ø	A	D							-	0	.	0	1	4	-	0	.	0	1	4		0	.	0	2	0		0	.	0	2	0	-	0	.	0	1	4																
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9	9	9																																																														

-7230B
5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH: 06 JUNE | YEAR: 1980 | FIRST DAY: 02 | STAT. NO.: 001 | LOCATION: WEST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	3	0	2	5			8	3	7	0	0			8	3	7	0	0			8	5	0	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	5	1	•	4			1	3	9	•	4			1	5	7	•	0			1	2	5	•	6						•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•						3	•						3	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓				2	•						2	•						2	•						3	•							•			
0	0	6	C	H	R	O	M	I	U	M									•	5						•	5						•	5					1	•							•			
0	0	7	C	O	P	P	E	R											•	5						•	5						•	5						•	5						•		
0	0	8	I	R	O	N												1	•							•	7						•	5						•	8						•		
0	0	9	M	A	G	N	E	S	I	U	M								•	5						•	4						•	2						•	0	5						•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	8				•	0	0	4				•	0	0	6				•	0	0	4					•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	2						•	2						•	5						•	3						•		
0	1	3	L	E	A	D													•	1						•	1						•	1						•	1						•		
0	1	4	T	I	T	A	N	I	U	M									•	0	0	8				•	0	0	6				•	0	0	7				•	0	0	8					•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	0	3				•	0	0	4				•	0	0	4					•		
0	1	6	S	I	L	I	C	O	N									3	•						2	•						3	•						4	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/21/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	02	002	NORTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	7	0	7	5			8	5	7	2	5			8	7	7	5	0			8	5	7	2	5							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	4	8	.	0			1	2	8	.	0			1	6	4	.	7			1	1	1	.	0						.		
0	0	3	R	E	S	I	D	U	E	-	M	G							.							.							.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	.						4	.						4	.						3	.							.			
0	0	5	C	A	L	C	I	U	M					↓				2	.						2	.						3	.						2	.							.			
0	0	6	C	H	R	O	M	I	U	M									.	5						.	3						.	5						.	5						.			
0	0	7	C	O	P	P	E	R											.	5						.	5					1	.							.	5						.			
0	0	8	I	R	O	N												1	.							.	7					1	.							.	5						.			
0	0	9	M	A	G	N	E	S	I	U	M								.	3						.	5						.	2						.	0	4					.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	4					.	0	0	4				.	0	0	4				.	0	0	4				.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	1						.	0	8					.	1						.	0	5					.			
0	1	3	L	E	A	D													.	1						.	1						.	1						.	1						.			
0	1	4	T	I	T	A	N	I	U	M									.	0	0	8				.	0	0	6				.	0	0	8				.	0	0	6				.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	4				.	0	0	4				.	0	0	4				.	0	0	4				.			
0	1	6	S	I	L	I	C	O	N									2	.						3	.						3	.						2	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
0	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 7/21/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	02	003	EAST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	7	0	7	5			9	0	4	5	0			9	3	1	5	0			9	1	8	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	7	4	•	1			1	1	9	•	8			1	2	7	•	9			1	0	4	•	0						•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•								•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			4	•						4	•							3	•						2	•							•		
0	0	5	C	A	L	C	I	U	M					↓				3	•						2	•							3	•						1	•							•		
0	0	6	C	H	R	O	M	I	U	M									•	3						•	5							•	5						•	5						•		
0	0	7	C	O	P	P	E	R										1	•							•	5							•	5						•	5						•		
0	0	8	I	R	O	N												1	•							•	7							•	5						•	4						•		
0	0	9	M	A	G	N	E	S	I	U	M								•	3						•	5							•	2						•	3						•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	4					•	0	0	3					•	0	0	4				•	0	0	6				•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•							•		
0	1	2	N	I	C	K	E	L											•	1						•	0	7						•	5						•	1						•		
0	1	3	L	E	A	D													•	1						•	1							•	1						•	1						•		
0	1	4	T	I	T	A	N	I	U	M									•	0	0	8				•	0	0	6					•	0	0	8				•	0	0	8				•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	0	4					•	0	0	4				•	0	0	4				•		
0	1	6	S	I	L	I	C	O	N									3	•						3	•							2	•						2	•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•		
0	1	8																	•							•								•							•							•		
0	1	9																	•							•								•							•							•		
0	2	0																	•							•								•							•							•		
0	2	1																	•							•								•							•							•		
0	2	2																	•							•								•							•							•		
0	2	3																	•							•								•							•							•		
0	2	4																	•							•								•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. P. Clark

COMPLETION DATE: 7/21/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	02	004	SOUTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	5	8	5	0			9	3	1	5	0			9	4	5	0	0			9	5	8	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	5	5	•	3			1	1	9	•	3			1	8	8	•	0			1	3	0	•	3						•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•							•							•							•							•			
	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•						4	•						3	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓				3	•						3	•						3	•						2	•							•			
0	0	6	C	H	R	O	M	I	U	M									•	4						•	5							•	5					•	5						•			
0	0	7	C	O	P	P	E	R											•	5						•	5						1	•						•	5						•			
0	0	8	I	R	O	N												1	•						1	•						1	•						1	•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	5						•	5							•	2					•	5						•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	7				•	0	0	4					•	0	0	5				•	0	4					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•							•			
0	1	2	N	I	C	K	E	L											•	1						•	4							•	4					1	•							•			
0	1	3	L	E	A	D													•	1						•	1							•	1						•	1						•			
0	1	4	T	I	T	A	N	I	U	M									•	0	0	8				•	0	0	8					•	0	0	8				•	0	0	8				•			
0	1	5	V	A	N	A	D	I	U	M									•	0	0	4				•	0	0	4					•	0	0	4				•	0	0	4				•			
0	1	6	S	I	L	I	C	O	N									3	•						3	•						4	•						3	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•			
0	1	8																	•							•								•							•							•			
0	1	9																	•							•								•							•							•			
0	2	0																	•							•								•							•							•			
0	2	1																	•							•								•							•							•			
0	2	2																	•							•								•							•							•			
0	2	3																	•							•								•							•							•			
0	2	4																	•							•								•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/21/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	0529	005	WINKEL LAKE

Code	Item	Cols. 17–23	Cols. 26–30
001	VOLUME-FT^3	137825	63420
002	TOTAL PART-MG	76.0	37.9
003	~~RESIDUE-MG~~ END DATE	0612	0626
004	ALUMINUM -MG	2.5	1.25
005	CALCIUM	5.	2.5
006	CHROMIUM	.025	.01
007	COPPER	.025	.01
008	IRON	.75	.25
009	MAGNESIUM	.25	.175
010	MANGANESE	.025	.008
011	MOLYBDENIUM	.	.
012	NICKEL	.075	.025
013	LEAD	.025	.025
014	TITANIUM	1.0	.025
015	VANADIUM	.002	.002
016	SILICON	3.75	1.75
017	OTHERS FOUND	.	.
018	URANIUM	.002	.029
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R L Clark

COMPLETION DATE: 7/23/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	0529	006	PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	9	2	6	0			9	8	4	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	3	7	.	3				9	0	.	2						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~L~~	~~-~~	~~M~~	~~G~~	END	DATE					0	6	1	2				0	6	2	6				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	.	7	5				2	.							.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				2	.	5					2	.	5						.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	2	5				.	0	0	5				.							.							.			
0	0	7	C	O	P	P	E	R											.	0	2	5				.	0	2	5				.							.							.			
0	0	8	I	R	O	N													.	5						.	5						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	2	5					.	1	7	5				.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	1					.	0	0	5				.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	5					.	0	2	5				.							.							.			
0	1	3	L	E	A	D													.	0	1	2				.	0	2	5				.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	5					.	0	2	5				.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	0	2				.							.							.			
0	1	6	S	I	L	I	C	O	N									3	.	7	5				2	.	5						.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M										.	0	0	3				.	0	4	1				.							.							.			
0	1	9																	.							.							.							.							.			
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9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. P. Clark

COMPLETION DATE: 7/23/80

PARTICULATE AIR DATA

MONTH: 06 JUNE | YEAR: 1980 | FIRST DAY: 0529 | STAT. NO.: 007 | LOCATION: HF TANK FARM

Code	Item	Cols. 17–23	Cols. 24–30
001	VOLUME – FT³	128680	119940
002	TOTAL PART – MG	87.8	59.4
003	~~RESIDUE – MG~~ END DATE	0612	0626
004	ALUMINUM – MG	2.5	2.
005	CALCIUM ↓	2.5	2.
006	CHROMIUM	.025	.005
007	COPPER	.025	.01
008	IRON	.5	.5
009	MAGNESIUM	.25	.175
010	MANGANESE	.025	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.025
013	LEAD	.025	.025
014	TITANIUM	.05	.025
015	VANADIUM	.002	.002
016	SILICON	3.75	1.75
017	OTHERS FOUND	.	.
018	URANIUM	.002	.009
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/23/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	0529	008	K 33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	3	4	6	8	5		1	0	7	5	1	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			7	7	•	4				5	7	•	6						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						0	6	1	2				0	6	2	6				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•	5					1	•	2	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					•	5					2	•							•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	2	5				•	0	0	5				•							•							•			
0	0	7	C	O	P	P	E	R											•	0	1	2				•	0	1					•							•							•			
0	0	8	I	R	O	N													•	7	5					•	7	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5					•	1	7	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	1					•	0	0	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	5					•	0	5					•							•							•			
0	1	3	L	E	A	D													•	0	1	2				•	0	2	5				•							•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	2	5				•							•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	2	5				•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N									3	•	7	5				1	•	7	5					•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•	0	0	2				•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
0	2	1																	•							•							•							•							•			
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0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/23/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	0529	009	SALVAGE YD

Card	Item	First value	Second value
001	VOLUME – FT³	106300	105060
002	TOTAL PART – MG	116.5	95.1
003	~~RESIDUE – MG~~ END DATE	0612	0626
004	ALUMINUM – MG	2.5	2.
005	CALCIUM	5.	2.5
006	CHROMIUM	.025	.005
007	COPPER	.025	.008
008	IRON	.5	.25
009	MAGNESIUM	.5	.175
010	MANGANESE	.01	.002
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.025
013	LEAD	.012	.025
014	TITANIUM	.05	.025
015	VANADIUM	.002	.002
016	SILICON	3.75	2.5
017	OTHERS FOUND	.	.
018	URANIUM	.005	.004
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 7/23/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	0529	010	PROPANE FARM

Code	Item	Value 1	Value 2
001	VOLUME-FT^3	114195	102780
002	TOTAL PART-MG	84.4	55.8
003	~~RESIDUE-MG~~ END DATE	0612	0626
004	ALUMINUM -MG	2.5	1.25
005	CALCIUM	5.	2.5
006	CHROMIUM	.025	.005
007	COPPER	.5	.075
008	IRON	.5	.75
009	MAGNESIUM	.25	.175
010	MANGANESE	.1	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.05
013	LEAD	.025	.025
014	TITANIUM	.05	.025
015	VANADIUM	.002	.002
016	SILICON	3.75	1.75
017	OTHERS FOUND	.	.
018	URANIUM	.004	.006
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 7/23/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	0529	011	K 1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	5	9	6	5			3	3	7	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	0	7	.	3				8	6	.	5						.								.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						0	6	1	2				0	6	2	6					.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	.	7	5				2	.	5							.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				5	.						2	.	5							.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	2	5				.	0	0	5					.							.							.			
0	0	7	C	O	P	P	E	R											.	7	5					.	0	7	5					.							.							.			
0	0	8	I	R	O	N													.	5						.	5							.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	2	5					.	1	7	5					.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	1					.	0	1						.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.								.							.							.			
0	1	2	N	I	C	K	E	L											.	0	5					.	0	2	5					.							.							.			
0	1	3	L	E	A	D													.	0	2	5				.	0	5						.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	5					.	0	2	5					.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	0	2					.							.							.			
0	1	6	S	I	L	I	C	O	N									2	.	5					1	.	7	5						.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.								.							.							.			
0	1	8	U	R	A	N	I	U	M										.	0	2	3				.	0	2	6					.							.							.			
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0	2	0																	.							.								.							.							.			
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0	2	4																	.							.								.							.							.			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 7/23/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
06 JUNE	1980	0529	012	K 7200

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						9	2	6	0	0			3	3	7	0	0																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			9	7	.	3				3	7	.	1						.								.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						0	6	1	2				0	6	2	6					.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	.	7	5				2	.								.							.							.			
0	0	5	C	A	L	C	I	U	M					↓				2	.	5					1	.	7	5						.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	2	5				.	0	0	5					.							.							.			
0	0	7	C	O	P	P	E	R											.	0	2	5				.	0	0	8					.							.							.			
0	0	8	I	R	O	N													.	5					1	.	7	5						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	2						.	1	7	5					.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	1					.	0	1						.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.								.							.							.			
0	1	2	N	I	C	K	E	L											.	0	5					.	0	5						.							.							.			
0	1	3	L	E	A	D													.	0	2	5				.	0	2	5					.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	5					.	0	2	5					.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	0	2					.							.							.			
0	1	6	S	I	L	I	C	O	N									2	.	5					1	.	7	5						.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.								.							.							.			
0	1	8	U	R	A	N	I	U	M										.	0	1	0				.	0	1	5					.							.							.			
0	1	9																	.							.								.							.							.			
0	2	0																	.							.								.							.							.			
0	2	1																	.							.								.							.							.			
0	2	2																	.							.								.							.							.			
0	2	3																	.							.								.							.							.			
0	2	4																	.							.								.							.							.			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 7/23/80

DATE OF SERVICE TRIP 6/6/80 BUILD. ✓ ROUTINE ☐ SPECIAL ☐ REPORT NO. 069 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 5/30/80 - 6/6/80	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.003	.001	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.190	.004	.020		
3	Radio Tower	1400 to 1400	8.5	85.7	.187	<.001	.026		
4	Blair Road	1400 to 1400	8.5	85.7	.137	.005	.023		
5	Credit Union	1400 to 1400	8.5	85.7	.143	.002	.020		
6	Cabin	1400 to 1400	8.5	85.7	.084	.001	.026		

DISTRIBUTION:
E. J. Barber
T. Kwasnoski
T. E. Bard
D. T. DUNCAN

AMPLE R. L. Clark SUPERVISOR J McCall DATE RELEASED 6/26/80

DATE OF SERVICE TRIP 6/13/80 BUILD ✓ ROUTINE ☐ REPORT NO. 010 ✓

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 6/6/80 - 6/13/80	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.178	<.001	.026		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.309	.001	.026		
3	Radio Tower	1400 to 1400	8.5	85.7	.114	.002	.029		
4	Blair Road	1400 to 1400	8.5	85.7	.105	.002	.032		
5	Credit Union	1400 to 1400	8.5	85.7	.079	<.001	.023		
6	Cabin	1400 to 1400	8.5	85.7	.061	<.001	.023		
K-1008	Changehouse (EAST)	1400 to 1400	8.5	85.7	.744	.004	—		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR J. L. McCall DATE RELEASED 7/23/80

DATE OF SERVICE TRIP 6/20/80 BUILD V ROUTINE ☐ REPORT NO. 811 V

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 6/13/80 – 6/20/80	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.131	.003	.032		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.222	.001	.026		
3	Radio Tower	1400 to 1400	8.5	85.7	.292	.080	.032		
4	Blair Road	1400 to 1400	8.5	85.7	.111	.002	.029		
5	Credit Union	1400 to 1400	8.5	85.7	.102	<.001	.029		
6	Cabin	1400 to 1400	8.5	85.7	.084	<.001	.038		
K-1008	Changehouse (EAST)	1400 to 1400	8.5	85.7	.525	.022	—		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R.L. Clark SUPERVISOR J S McCall DATE RELEASED 7/23/80

DATE OF SERVICE TRIP 6/27/80 BUILD. V ROUTINE ☐ REPORT NO. 016 V

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 6/20/80 - 6/27/80	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.175	.015	.026		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.379	.003	.035		
3	Radio Tower	1400 to 1400	8.5	85.7	.204	.025	.041		
4	Blair Road	1400 to 1400	8.5	85.7	.088	.001	.026		
5	Credit Union	1400 to 1400	8.5	85.7	.088	<.001	.023		
6	Cabin	1400 to 1400	8.5	85.7	.088	.001	.023		
K-1008	Changehouse (EAST)	1400 to 1400	8.5	85.7	.963	.012	.038		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR H. McCall DATE RELEASED 7/23/80

DATE OF SERVICE TRIP _____ BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. _____ REQUESTED BY _____

WIND VANE SAMPLES

SAMPLE NUMBER	SAMPLING ~~LOCATION~~ DATES	HRS. (END)	SAMPLING TIME Min.	RATE CFM	VOLUME M3	F (µg)	F (µg/M3)		DATE RELEASED	
7-118	3/28/80 – 5/2/80	4888.2	5568	0.3	47.3	33	0.698			
8-82	3/28/80 – 5/2/80	3681.7	6006	0.3	51.0	8.8	0.172			
7-119	5/2/80 – 7/3/80	5043.5	9306	0.3	79.0	55	0.696			
8-83	5/2/80 – 7/3/80	3816.8	8106	0.3	68.9	16.5	0.239			

SAMPLED R. L. Clark SUPERVISOR D. L. McCall DATE RELEASED 7/2 '80

```
 6JUNE                1980GASEØUS  FLUØRIDE06
001K-901  PUMPHØUSE     0.003  0.178  0.131  0.175
002K-1206D  TRAILER     0.190  0.309  0.222  0.379
003RADIØ  TØWER         0.187  0.114  0.292  0.204
004BLAIR  RØAD          0.137  0.105  0.111  0.088
005CREDIT  UNIØN        0.143  0.079  0.102  0.088
006WATTS  BAR  CABIN    0.084  0.061  0.084  0.088
009K-1008  (EAST)              0.744  0.525  0.963
998
06JUNE                1980URANIUM          06
001K-901  PUMPHØUSE     0.001-0.001  0.003  0.015
002K-1206D  TRAILER     0.004  0.001  0.001  0.003
003RADIØ  TØWER        -0.001  0.002  0.080  0.025
004BLAIR  RØAD          0.005  0.002  0.002  0.001
005CREDIT  UNIØN        0.002-0.001-0.001-0.001
006WATTS  BAR  CABIN    0.001-0.001-0.001  0.001
009K-1008  (EAST)              0.004  0.022  0.012
098
06JUNE                1980CHRØMIUM         06
001K-901  PUMPHØUSE    -0.014  0.026  0.032  0.026
002K-1206D  TRAILER     0.020  0.026  0.026  0.035
003RADIØ  TØWER         0.026  0.029  0.032  0.041
004BLAIR  RØAD          0.023  0.032  0.029  0.026
005CREDIT  UNIØN        0.020  0.023  0.029  0.023
006W  TTS  BAR  CABIN   0.026  0.0[illegible]  0.038  0.023
```

DATA SHEET (80 column)

7230B
5-72)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
0	9	K	-	1	0	0	8		(	E	A	S	T	)																									0	.	0	3	8																				
.	9	9																																																													

DATA SHEET (80 column)

7230B
5-72)

PARTICULA[illegible] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1980	04	001	WEST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	1	0	0	0			8	1	0	0	0			8	1	0	0	0			8	3	7	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	5	2	.	9			1	4	8	.	2			1	3	6	.	5			1	0	7	.	7						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					2	1	.	9				4	4	.	4				2	1	.	4				1	4	.	8						.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			4	.						8	.						3	.						2	.							.			
0	0	5	C	A	L	C	I	U	M					↓				3	.						5	.						3	.						2	.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	2					.	0	4					.	0	2					.	0	1					.			
0	0	7	C	O	P	P	E	R											.	8					1	.							.	7						.	3						.			
0	0	8	I	R	O	N													.	8					1	.							.	8						.	5						.			
0	0	9	M	A	G	N	E	S	I	U	M								.	5						.	8						.	5						.	3						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	2					.	0	2					.	0	2					.	0	1					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	2					.	0	4					.	0	2					.	0	2					.			
0	1	3	L	E	A	D													.	5						.	8						.	4						.	0	5					.			
0	1	4	T	I	T	A	N	I	U	M									.	0	8					.	1						.	0	8					.	0	2					.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	8				.	0	2					.	0	0	4				.	0	0	6				.			
0	1	6	S	I	L	I	C	O	N									4	.						8	.						4	.						3	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
0	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 9/4/80

PARTICULA[illegible] AIR DATA

MONTH: 07 JULY | YEAR: 1980 | FIRST DAY: 04 | STAT. NO. 002 | LOCATION: NORTH Hi VOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Col 48–49
001	VOLUME – FT³	85050	85050	83700	86400	
002	TOTAL PART – MG	143.7	124.8	120.8	108.7	.
003	RESIDUE – MG	18.1	37.1	19.0	17.0	.
004	ALUMINUM – MG	3.	6.	4.	2.	.
005	CALCIUM ↓	3.	5.	3.	4.	.
006	CHROMIUM	.02	.02	.02	.02	.
007	COPPER	.5	.5	1.	.5	.
008	IRON	.8	.8	.8	.8	.
009	MAGNESIUM	.5	.5	.5	.2	.
010	MANGANESE	.02	.02	.02	.01	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.4	.02	.02	.01	.
013	LEAD	.5	.5	.4	.2	.
014	TITANIUM	.08	.08	.08	.04	.
015	VANADIUM	.008	.008	.006	.004	.
016	SILICON	3.	6.	4.	3.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
J21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12650
(1 5-78)

TECHNICIAN'S SIGNATURE: R Clark

COMPLETION DATE: 8/6/80

PARTICULA[illegible] AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1980	04	003	EAST HI VOL

Code (1–3)	Parameter (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME-FT³	81000	76275	72900	NO SAMPLE	
002	TOTAL PART-MG	151.5	140.2	135.1	.	.
003	RESIDUE-MG	20.7	22.	24.6	.	.
004	ALUMINUM -MG	3.	4.	3.	.	.
005	CALCIUM ↓	3.	4.	4.	.	.
006	CHROMIUM	.02	.02	.02	.	.
007	COPPER	1.	2.	2.	.	.
008	IRON	.7	.8	.8	.	.
009	MAGNESIUM	.5	.5	.5	.	.
010	MANGANESE	.02	.02	.02	.	.
011	MOLYBDENIUM	.002	.002	.008	.	.
012	NICKEL	.3	.05	.09	.	.
013	LEAD	.8	.8	.4	.	.
014	TITANIUM	.1	.07	.08	.	.
015	VANADIUM	.008	.006	.008	.	.
016	SILICON	3.	4.	4.	.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 8/6/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1980 | FIRST DAY: 04 | STAT. NO.: 004 | LOCATION: SOUTH HI VOL

Card No. (1–3)	Item (4–16)	Cols. 17–23	Cols. 24–30	Cols. 31–37	Cols. 38–44	Cols. 45–51
001	VOLUME-FT³	95850	94500	NO SAMPLE	NO SAMPLE	
002	TOTAL PART-MG	164.5	171.5	.	.	.
003	RESIDUE-MG	15.5	30.5	.	.	.
004	ALUMINUM -MG	3.	4.	.	.	.
005	CALCIUM	3.	5.	.	.	.
006	CHROMIUM	.02	.03	.	.	.
007	COPPER	2.	1.	.	.	.
008	IRON	.8	1.	.	.	.
009	MAGNESIUM	.4	.5	.	.	.
010	MANGANESE	.02	.02	.	.	.
011	MOLYBDENIUM	.004	.	.	.	.
012	NICKEL	.04	.02	.	.	.
013	LEAD	1.	.4	.	.	.
014	TITANIUM	.06	.08	.	.	.
015	VANADIUM	.007	.008	.	.	.
016	SILICON	2.	4.	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
)21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 8/6/80

UCN-12560
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1980	0626	005	WINKEL LAKE

Code	Item	Cols 16–23	Cols 26–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT^3	17900	11310			
002	TOTAL PART – MG	161.5	67.4	.	.	.
003	~~RESIDUE – MG~~ END DATE	0717	0729	.	.	.
004	ALUMINUM – MG	1.75	1.75	.	.	.
005	CALCIUM	1.25	1.75	.	.	.
006	CHROMIUM	.002	.01	.	.	.
007	COPPER	.012	.012	.	.	.
008	IRON	1.25	1.25	.	.	.
009	MAGNESIUM	.175	.175	.	.	.
010	MANGANESE	.01	.01	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.05	.025	.	.	.
013	LEAD	.05	.025	.	.	.
014	TITANIUM	.025	.025	.	.	.
015	VANADIUM	.002	.002	.	.	.
016	SILICON	2.5	2.5	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.006	.003	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
21		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 8/28/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1980	0626	006	PORTAL 9

Code (1–3)	Item (4–16)	Cols 17–23	Cols 26–30
001	VOLUME-FT^3	112220	63970
002	TOTAL PART-MG	143.6	58.2
003	~~RESIDUE-MG~~ END DATE	0717	0729
004	ALUMINUM -MG	1.75	1.75
005	CALCIUM	1.25	1.75
006	CHROMIUM	.002	.01
007	COPPER	.012	.012
008	IRON	1.	1.25
009	MAGNESIUM	.175	.175
010	MANGANESE	.005	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.025
013	LEAD	.05	.025
014	TITANIUM	.025	.025
015	VANADIUM	.002	.002
016	SILICON	2.5	1.75
017	OTHERS FOUND	.	.
018	URANIUM	.005	.003
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12660 (1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 8/28/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1980	0626	007	HF TANK FARM

Code (1–3)	Item (4–16)	Cols. 19–23	Cols. 26–30
001	VOLUME – FT^3	95660	96020
002	TOTAL PART – MG	75.0	45.7
003	~~RESIDUE – MG~~ END DATE	0717	0729
004	ALUMINUM – MG	2.5	2.5
005	CALCIUM	.5	1.75
006	CHROMIUM	.002	.01
007	COPPER	.012	.008
008	IRON	1.75	1.75
009	MAGNESIUM	.175	.175
010	MANGANESE	.005	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.05
013	LEAD	.05	.025
014	TITANIUM	.025	.05
015	VANADIUM	.002	.005
016	SILICON	2.5	2.5
017	OTHERS FOUND	.001	.002
018	URANIUM	.	.
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 8/28/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1980	0626	008	K33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	9	1	1	2	0			9	1	2	3	0																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			8	5	•	6				3	6	•	9						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~=~~	~~M~~	~~G~~	END DATE						0	7	1	7				0	7	2	9					•						•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	7	5				1	•	7	5						•						•							•		
0	0	5	C	A	L	C	I	U	M					↓					•	5							•	7	5					•						•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2					•	0	1					•						•							•		
0	0	7	C	O	P	P	E	R											•	0	0	8					•	0	0	8				•						•							•		
0	0	8	I	R	O	N													•	7	5				2	•	5							•						•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5					•	1	7	5				•						•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	2					•	0	0	8				•						•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•								•							•						•							•		
0	1	2	N	I	C	K	E	L											•	0	2						•	0	5					•						•							•		
0	1	3	L	E	A	D													•	0	5						•	0	2	5				•						•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5					•	0	2	5				•						•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2					•	0	0	2				•						•							•		
0	1	6	S	I	L	I	C	O	N									2	•	5					1	•	7	5						•						•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•								•							•						•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	5					•	0	0	2				•						•							•		
0	1	9																	•								•							•						•							•		
0	2	0																	•								•							•						•							•		
0	2	1																	•								•							•						•							•		
0	2	2																	•								•							•						•							•		
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0	2	4																	•								•							•						•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 8/28/80

PARTICULATE AIR DATA

MONTH: 07 JULY | YEAR: 1980 | FIRST DAY: 0626 | STAT. NO.: 009 | LOCATION: SALVAGE YD

Code	Item	Value (cols 16–25)	Value (cols 26–30)
001	VOLUME-FT³	114740	86120
002	TOTAL PART-MG	112.2	57.9
003	~~RESIDUE-MG~~ END DATE	0717	0729
004	ALUMINUM -MG	1.75	1.25
005	CALCIUM	1.25	1.25
006	CHROMIUM	.002	.01
007	COPPER	.008	.008
008	IRON	.5	1.75
009	MAGNESIUM	.175	.175
010	MANGANESE	.002	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.02	.05
013	LEAD	.05	.025
014	TITANIUM	.025	.025
015	VANADIUM	.002	.002
016	SILICON	5.	1.25
017	OTHERS FOUND	.	.
018	URANIUM	.003	.002
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 8/28/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1980	0626	010	PROPANE FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	6	5	9	1	0			9	7	6	9	5																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			9	0	.	8				4	5	.	9						.							.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE						0	7	1	7				0	7	2	9				.							.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	.	7	5				1	.	2	5					.							.							.			
0	0	5	C	A	L	C	I	U	M					↓					.	7	5				1	.	2	5					.							.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	0	2				.	0	1					.							.							.			
0	0	7	C	O	P	P	E	R											.	2	5					.	0	5					.							.							.			
0	0	8	I	R	O	N												1	.	7	5					.	5						.							.							.			
0	0	9	M	A	G	N	E	S	I	U	M								.	1	7	5				.	1	7	5				.							.							.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	0	8				.	0	0	2				.							.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	5					.	0	1	5				.							.							.			
0	1	3	L	E	A	D													.	0	5					.	0	2	5				.							.							.			
0	1	4	T	I	T	A	N	I	U	M									.	0	2	5				.	0	2	5				.							.							.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	2				.	0	0	2				.							.							.			
0	1	6	S	I	L	I	C	O	N									2	.	5					1	.	7	5					.							.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8	U	R	A	N	I	U	M										.	0	1	0				.	0	0	5				.							.							.			
0	1	9																	.							.							.							.							.			
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L Clark

COMPLETION DATE: 8/28/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1980	0626	011	K 1420

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3					1	5	8	5	8	0			5	1	6	5	0																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	5	8	•	5				3	8	•	3						•								•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END			DA	TE		0	7	1	7				0	7	2	9				•							•						•				
0	0	4	A	L	U	M	I	N	U	M			-	M	G			1	•	7	5				1	•	2	5					•							•						•				
0	0	5	C	A	L	C	I	U	M					↓				1	•	2	5				1	•	2	5					•							•						•				
0	0	6	C	H	R	O	M	I	U	M									•	0	0	2				•	0	1						•							•						•				
0	0	7	C	O	P	P	E	R											•	2	5					•	0	2	5					•							•						•				
0	0	8	I	R	O	N												1	•	2	5					•	7	5						•							•						•				
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	1	7	5					•							•						•				
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	2					•							•						•				
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•						•				
0	1	2	N	I	C	K	E	L											•	0	5					•	0	2	5					•							•						•				
0	1	3	L	E	A	D													•	0	5					•	0	2	5					•							•						•				
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2	5					•							•						•				
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2					•							•						•				
0	1	6	S	I	L	I	C	O	N									2	•	5						•	7	5						•							•						•				
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•						•				
0	1	8	U	R	A	N	I	U	M										•	0	2	9				•	0	0	9					•							•						•				
0	1	9																	•							•								•							•						•				
0	2	0																	•							•								•							•						•				
0	2	1																	•							•								•							•						•				
0	2	2																	•							•								•							•						•				
0	2	3																	•							•								•							•						•				
0	2	4																	•							•								•							•						•				
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 8/28/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
07 JULY	1980	0626	012	K 1200

No.	Item	Cols. 17–23	Cols. 26–30
001	VOLUME – FT³	150960	90544
002	TOTAL PART – MG	120.3	62.5
003	~~RESIDUE – MG~~ END DATE	0717	0729
004	ALUMINUM – MG	1.75	1.75
005	CALCIUM	1.75	1.25
006	CHROMIUM	.002	.01
007	COPPER	.012	.008
008	IRON	1.25	.75
009	MAGNESIUM	.175	.175
010	MANGANESE	.002	.002
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.025
013	LEAD	.05	.025
014	TITANIUM	.025	.025
015	VANADIUM	.002	.002
016	SILICON	2.5	1.75
017	OTHERS FOUND	.	.
018	URANIUM	.018	.032
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 8/28/80

DATE OF SERVICE TRIP 7/3/80 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 873 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 6/27-7/3	1400 to 1400	8.5	~~85.7~~ 73.4	.177	.003	.017		
2	K-1206-D Trailer 6/27-7/13	1400 to 1400	8.5	~~85.7~~ 73.4	.409	.003	.017		
3	Radio Tower 6/27-7/13	1400 to 1400	8.5	~~85.7~~ 73.4	.187	.008	.017		
4	Blair Road 6/27-7/13	1400 to 1400	8.5	~~85.7~~ 73.4	.106	.003	.027		
5	Credit Union 6/27-7/13	1400 to 1400	8.5	~~85.7~~ 73.4	.116	.002	.024		
6	Cabin 6/27-7/13	1400 to 1400	8.5	~~85.7~~ 73.4	.092	.003	.031		
K-1008	Changehouse 7/1-7/3	1200 to 1500	8.5	26	.298	.031	.135		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED R. L. Clark SUPERVISOR J. McCall DATE RELEASED 8/21/80

DATE OF SERVICE TRIP 7/11/80 BUILD ROUTINE ☐ REPORT NO. 814

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 7/3 - 7/11	1400 to 1400	8.5	85.7	.255	.008	.026		
2	K-1206-D Trailer 7/3 - 7/11	1400 to 1400	8.5	85.7	1.20	.004	.018		
3	Radio Tower 7/3 - 7/11	1400 to 1400	8.5	85.7	.306	.008	.031		
4	Blair Road 7/3 - 7/11	1400 to 1400	8.5	85.7	.153	.004	.031		
5	Credit Union 7/3 - 7/11	1400 to 1400	8.5	85.7	.153	.001	.015		
6	Cabin No Sample	1400 to 1400	8.5	85.7	—	—	—		
K-1008	Changehouse 7/3 - 7/11	1400 to 1400			.970	.006	.018		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R.L. Clark SUPERVISOR J.S. McCall DATE RELEASED 8/21/80

DATE OF SERVICE TRIP 7/18/80 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 875 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 7/11/ – 7/18	1400 to 1400	8.5	85.7	.228	<.001	.014		
2	K-1206-D Trailer 7/11 – 7/18	1400 to 1400	8.5	85.7	1.02	.003	.023		
3	Radio Tower 7/11 – 7/18	1400 to 1400	8.5	85.7	.432	.011	.012		
4	Blair Road 7/11 – 7/18	1400 to 1400	8.5	85.7	.192	<.001	.014		
5	Credit Union 7/11 – 7/18	1400 to 1400	8.5	85.7	.140	<.001	.020		
6	Cabin 7/3 – 7/18	1400 to 1400	8.5	183.6 ~~85.7~~	.190	<.001	.004		
K-1008	Changehouse 7/11 – 7/18	1400 to 1400	8.5	85.7	1.01	.009	.067		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		D. T. DUNCAN	

SAMPLED R.L. Clark SUPERVISOR J. McCall DATE RELEASED 8/21/80

DATE OF SERVICE TRIP 7/25/80 BUILD ROUTINE ☐ SPECIAL ☐ REPORT NO. 876 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	* NOTE µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 7/18 - 7/25	1400 to 1400	8.5	85.7	.097	.004	.020		
2	K-1206-D Trailer "	1400 to 1400	8.5	85.7	.269	.002	.020		
3	Radio Tower "	1400 to 1400	8.5	85.7	.243	.015	.023		
4	Blair Road "	1400 to 1400	8.5	85.7	.152	.001	.026		
5	Credit Union "	1400 to 1400	8.5	85.7	.065	<.001	.023		
6	Cabin "	1400 to 1400	8.5	85.7	.068	.001	.023		
1008	Changehouse "	1400 to 1400	8.5	85.7	1.12	.018	.029		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		D. T. DUNCAN	
*	RESULTS WITH A 0.058 µg/ml. F⁻ BLANK								

SAMPLED R. L. Clark SUPERVISOR L. McCall DATE RELEASED 8/21/80

1-9702

```
07JULY                1980GASEØUS FLUØRIDE03
001K-901 PUMPHØUSE    0.177  0.255  0.228  0.097
002K-1206D TRAILER    0.409  1.20   1.02   0.269
003RADIØ TØWER        0.187  0.306  0-432  0.243
004BLAIR RØAD         0.106  0.153  0.192  0.152
005CREDIT UNIØN       0.116  0.153  0.140  0.065
006WATTS BAR CABIN    0.092         0.190  0.068
009K-1008 (EAST)      0.298  0.970  1.01   1.12
998
07JULY                1980URANIUM        03
001K-901 PUMPHØUSE    0.003  0.008-0.001  0.004
002K-1206D TRAILER    0.003  0.004  0.003  0.002
003RADIØ TØWER        0.008  0.008  0.011  0.015
004BLAIR RØAD         0.003  0.004-0.001  0.001
005CREDIT UNIØN       0.002  0.001-0.001-0.001
006WATTS BAR CABIN    0.003        -0.001  0.001
009K-1008 (EAST)      0.031  0.006  0.009  0.018
098
01JULY                1980CHRØMIUM       03
001K-901 PUMPHØUSE    0.017  0.026  0.014  0.020
002K-1206D TRAILER    0.017  0.018  0.023  0.020
003RADIØ TØWER        0.017  0.031  0.012  0.023
004BLAIR RØAD         0.027  0.031  0.014  0.026
005CREDIT UNIØN       0.024  0.015  0.020  0.023
006WATTS BAR CABIN    0.031         0.004  0.023
```

DATA SHEET (80 column)

1-7230
5-72)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
0	0	9	K	-	1	0	0	8			(	E	A	S	T	)				0	.	1	3	5		0	.	0	1	8		0	.	0	6	7		0	.	0	2	9																						
		1	9	.																																																											

N-7230L
5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	05	001	WEST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	1	0	0	0			8	5	0	5	0			8	4	3	7	5			8	9	1	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	2	0	.	0			1	8	3	.	1				4	0	.	2				7	4	.	0						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					6	3	.	5				3	3	.	7				1	1	.	2				2	5	.	6						.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			7	.						4	.						2	.						3	.							.			
0	0	5	C	A	L	C	I	U	M					↓				6	.						4	.						3	.						4	.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	3					.	0	2					.	0	1					.	0	1					.			
0	0	7	C	O	P	P	E	R											.	6						.	4					1	.						1	.							.			
0	0	8	I	R	O	N												1	.	5						.	6						.	4						.	8						.			
0	0	9	M	A	G	N	E	S	I	U	M							1	.	5						.	4						.	5						.	5						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	3					.	0	2					.	0	2					.	0	2					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	3					.	0	3					.	0	4					.	0	3					.			
0	1	3	L	E	A	D													.	1	5					.	0	6					.	0	4					.	0	8					.			
0	1	4	T	I	T	A	N	I	U	M									.	0	6					.	0	3					.	0	4					.	0	8					.			
0	1	5	V	A	N	A	D	I	U	M									.	0	2					.	0	0	8				.	0	0	4				.	0	0	8				.			
0	1	6	S	I	L	I	C	O	N								1	2	.						6	.						2	.						4	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
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0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. S. Clark

COMPLETION DATE: 9/15/80

MONTH		YEAR	FIRST DAY	STAT. NO.	LOCATION
08	AUGUST	1980	05	002	NORTH HI VOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44
001	VOLUME-FT[3]	83700	85725	85050	83700
002	TOTAL PART-MG	108.0	151.9	86.0	117.5
003	RESIDUE-MG	59.1	28.4	25.8	33.6
004	ALUMINUM -MG	6.	3.	3.	4.
005	CALCIUM ↓	6.	3.	4.	5.
006	CHROMIUM	.03	.02	.01	.02
007	COPPER	.6	.3	.3	1.
008	IRON	1.5	.6	.8	1.
009	MAGNESIUM	.9	.04	.5	.5
010	MANGANESE	.03	.01	.02	.02
011	MOLYBDENIUM				
012	NICKEL	.06	.03	.03	.04
013	LEAD	.2	.06	.08	.08
014	TITANIUM	.06	.03	.08	.08
015	VANADIUM	.02	.007	.008	.008
016	SILICON	12.	6.	4.	4.
017	OTHERS FOUND				
018					
019					
020					
021					
022					
023					
024					
998	(PUNCH)				
999	(PUNCH)				

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L. Clark

COMPLETION DATE: 9/15/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	05	003	EAST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						7	6	9	5	0			8	7	0	7	5			9	1	1	2	5			8	9	1	0	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	2	2	.	9			1	7	4	.	5			1	0	1	.	3			1	1	1	.	1						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					7	4	.	3				3	2	.	5				3	4	.	3				3	3	.	4						.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			7	.						3	.						5	.						4	.							.			
0	0	5	C	A	L	C	I	U	M					↓				5	.	5					3	.						5	.						6	.							.			
0	0	6	C	H	R	O	M	I	U	M				↓					.	0	4					.	0	2					.	0	1					.	0	2					.			
0	0	7	C	O	P	P	E	R										1	.							.	5					1	.						1	.							.			
0	0	8	I	R	O	N												1	.							.	8					1	.						1	.							.			
0	0	9	M	A	G	N	E	S	I	U	M							1	.							.	5						.	5						.	7						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	3					.	0	2					.	0	2					.	0	3					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L										1	.							.	1						.	0	3					.	0	5					.			
0	1	3	L	E	A	D													.	1	8					.	0	7					.	0	6					.	1						.			
0	1	4	T	I	T	A	N	I	U	M									.	0	7					.	0	3					.	0	8					.	0	8					.			
0	1	5	V	A	N	A	D	I	U	M									.	0	2					.	0	0	7				.	0	0	8				.	0	0	8				.			
0	1	6	S	I	L	I	C	O	N								1	4	.						6	.						4	.						5	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
0	1	9																	.							.							.							.							.			
0	2	0																	.							.							.							.							.			
0	2	1																	.							.							.							.							.			
0	2	2																	.							.							.							.							.			
0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 9/15/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	05	004	SOUTH HI VOL

Code	Item	Cols 17–22	Cols 25–30	Cols 32–37	Cols 39–44	Cols 45–51
001	VOLUME-FT³	NO SAMPLE	87750	90450	82350	
002	TOTAL PART-MG	.	171.4	108.0	99.0	.
003	RESIDUE-MG	.	36.4	35.2	29.1	.
004	ALUMINUM -MG	.	4.	4.	4.	.
005	CALCIUM	.	4.	4.	4.	.
006	CHROMIUM	.	.02	.02	.02	.
007	COPPER	.	.5	1.	1.	.
008	IRON	.	.8	1.	.8	.
009	MAGNESIUM	.	.4	.6	.05	.
010	MANGANESE	.	.02	.03	.02	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.	.05	.05	.02	.
013	LEAD	.	.06	.1	.08	.
014	TITANIUM	.	.04	.1	.08	.
015	VANADIUM	.	.008	.01	.008	.
016	SILICON	.	6.	6.	4.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. O. Clark

COMPLETION DATE: 9/15/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	0729	005	WINKEL LAKE

Card	Item	Value 1	Value 2
001	VOLUME-FT³	146630	129420
002	TOTAL PART-MG	102.3	67.7
003	ENDING DATE	0814	0828
004	ALUMINUM -MG	2.5	1.75
005	CALCIUM	2.5	1.
006	CHROMIUM	.02	.005
007	COPPER	.025	.012
008	IRON	1.25	.125
009	MAGNESIUM	.5	.2
010	MANGANESE	.01	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.02
013	LEAD	.125	.025
014	TITANIUM	.025	.025
015	VANADIUM	.002	.003
016	SILICON	5.	2.5
017	OTHERS FOUND	.	.
018	URANIUM	.003	.011
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12660 (1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 9/19/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	07 29	006	PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						7	8	5	0	0			8	8	2	0	0																						
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G		1	1	0	•	6			1	0	2	•	4						•								•							•		
0	0	3	E	N	D	I	N	G		D	A	T	E						0	8	1	4				0	8	2	8					•							•							•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						1	•	7	5						•							•							•		
0	0	5	C	A	L	C	I	U	M									2	•	5					1	•	2							•							•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2					•	0	0	5					•							•							•		
0	0	7	C	O	P	P	E	R											•	0	2	5				•	0	1	2					•							•							•		
0	0	8	I	R	O	N													•	7	5					•	1	2	5					•							•							•		
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5					•	2							•							•							•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	3					•							•							•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•							•							•		
0	1	2	N	I	C	K	E	L											•	0	2	5				•	0	2						•							•							•		
0	1	3	L	E	A	D													•	0	7	5				•	0	5						•							•							•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2	5					•							•							•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	3					•							•							•		
0	1	6	S	I	L	I	C	O	N									2	•	5					2	•								•							•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•							•							•		
0	1	8	U	R	A	N	I	U	M										•	0	0	4				•	0	0	5					•							•							•		
0	1	9																	•							•								•							•							•		
0	2	0																	•							•								•							•							•		
0	2	1																	•							•								•							•							•		
0	2	2																	•							•								•							•							•		
0	2	3																	•							•								•							•							•		
0	2	4																	•							•								•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 9/19/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	0729	007	HF TANK FARM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	7	5	4	0		1	1	8	1	1	5																								
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			5	1	•	0				5	4	•	5														•								•		
0	0	3	E	N	D	I	N	G		D	A	T	E						0	8	1	4				0	8	2	8					•						•									•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						1	•	7	5						•						•									•		
0	0	5	C	A	L	C	I	U	M					↓				2	•	5					1	•	2							•						•									•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2	5				•	0	0	5					•						•									•		
0	0	7	C	O	P	P	E	R											•	0	1	2				•	0	0	8					•						•									•		
0	0	8	I	R	O	N													•	7	5					•	1	2						•						•									•		
0	0	9	M	A	G	N	E	S	I	U	M								•	2	5					•	2							•						•									•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	5					•						•									•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•								•						•									•		
0	1	2	N	I	C	K	E	L											•	0	2	5				•	0	0	8					•						•									•		
0	1	3	L	E	A	D													•	0	5					•	0	2	5					•						•									•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2	5					•						•									•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	3					•						•									•		
0	1	6	S	I	L	I	C	O	N									1	•	7	5				2	•								•						•									•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•								•						•									•		
0	1	8	U	R	A	N	I	U	M										•	0	0	1				•	0	0	3					•						•									•		
0	1	9																	•							•								•						•									•		
0	2	0																	•							•								•						•									•		
0	2	1																	•							•								•						•									•		
0	2	2																	•							•								•						•									•		
0	2	3																	•							•								•						•									•		
0	2	4																	•							•								•						•									•		
9	9	8	(	P	U	N	C	H	)																																												
9	9	9	(	P	U	N	C	H	)																																												

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 9/19/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	0729	008	K 33

1	2	3	4–11	12–15	16–18	19–20	21–23	24–25	26–30	31–33	34–37	38–41	42–45	46–48	49–51
0	0	1	VOLUME-FT³		154	80	0	1	35800						
0	0	2	TOTAL PART-MG		84	.5			60.4						
0	0	3	ENDING DATE			0	814		0828						
0	0	4	ALUMINUM-MG		2	.5			1.75						
0	0	5	CALCIUM		2	.			.75						
0	0	6	CHROMIUM			.	025		.005						
0	0	7	COPPER			.	008		.008						
0	0	8	IRON		1	.25			.12						
0	0	9	MAGNESIUM			.25			.2						
0	1	0	MANGANESE			.	005		.003						
0	1	1	MOLYBDENIUM			.			.						
0	1	2	NICKEL			.	02		.005						
0	1	3	LEAD			.	05		.025						
0	1	4	TITANIUM			.	025		.025						
0	1	5	VANADIUM			.	002		.003						
0	1	6	SILICON		2	.5		2	.						
0	1	7	OTHERS FOUND			.			.						
0	1	8	URANIUM			.	002		.003						
0	1	9				.			.						
0	2	0				.			.						
0	2	1				.			.						
0	2	2				.			.						
0	2	3				.			.						
0	2	4				.			.						
9	9	8	(PUNCH)												
9	9	9	(PUNCH)												

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 9/19/80

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	0729	009	SALVAGE YD

Code	Item	Cols 19–23	Cols 26–30
001	VOLUME-FT³	47720	82180
002	TOTAL PART-MG	47.7	80.8
003	ENDING DATE	0814	0828
004	ALUMINUM -MG	1.75	1.75
005	CALCIUM ↓	5.	2.
006	CHROMIUM	.025	.005
007	COPPER	.008	.008
008	IRON	.75	.1
009	MAGNESIUM	.175	.2
010	MANGANESE	.002	.003
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.005
013	LEAD	.05	.025
014	TITANIUM	.025	.025
015	VANADIUM	.001	.003
016	SILICON	1.75	2.
017	OTHERS FOUND	.	.
018	URANIUM	.002	.003
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 9/19/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	0729	010	PROPANE FARM

001	VOLUME-FT3	NOT RUNNING 1385800
002	TOTAL PART-MG	74.0
003	ENDING DATE	0814 0828
004	ALUMINUM-MG	1.75
005	CALCIUM	.75
006	CHROMIUM	.005
007	COPPER	.05
008	IRON	.12
009	MAGNESIUM	.2
010	MANGANESE	.005
011	MOLYBDENIUM	.
012	NICKEL	.025
013	LEAD	.12
014	TITANIUM	.625
015	VANADIUM	.003
016	SILICON	2.
017	OTHERS FOUND	.
018	URANIUM	.020
019		.
020		.
021		.
022		.
023		.
024		.
998	(PUNCH)	
999	(PUNCH)	

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.E. Clark

COMPLETION DATE: 9/19/80

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	0729	011	K 1420

Card	Item	Value 1	Value 2
001	VOLUME-FT³	113300	73200
002	TOTAL PART-MG	107.2	59.4
003	ENDING DATE	0814	0828
004	ALUMINUM -MG	2.5	1.75
005	CALCIUM	2.	.75
006	CHROMIUM	.02	.005
007	COPPER	.075	.025
008	IRON	.75	.12
009	MAGNESIUM	.175	.2
010	MANGANESE	.005	.005
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.025
013	LEAD	.125	.075
014	TITANIUM	.025	.025
015	VANADIUM	.002	.003
016	SILICON	2.5	2.
017	OTHERS FOUND	.	.
018	URANIUM	.028	.017
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. J. Clark

COMPLETION DATE: 9/19/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
08 AUGUST	1980	0729	012	K 1200

001	V	O	L	U	M	E	-	F	T	3					1	0	7	4	0	0			9	2	4	0	0																									
002	T	O	T	A	L		P	A	R	T	-	M	G		1	1	0	•	5				8	1	•	8																										
003	E	N	D	I	N	G		D	A	T	E							0	8	1	4				0	8	2	8																							
004	A	L	U	M	I	N	U	M			-	M	G			2	•						1	•	7	5																									
005	C	A	L	C	I	U	M					↓				1	•	2	5					•	7	5																									
006	C	H	R	O	M	I	U	M									•	0	0	5				•	0	0	5																								
007	C	O	P	P	E	R											•	0	1	2				•	0	1	3																								
008	I	R	O	N													•	7	5					•	1																										
009	M	A	G	N	E	S	I	U	M								•	1	7	5				•	2																										
010	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	0	8																								
011	M	O	L	Y	B	D	E	N	I	U	M						•							•																												
012	N	I	C	K	E	L											•	0	2					•	0	2																									
013	L	E	A	D													•	0	7	5				•	0	5																									
014	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2	5																								
015	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	3																								
016	S	I	L	I	C	O	N									1	•	7	5				2	•																											
017	O	T	H	E	R	S		F	O	U	N	D					•							•																												
018	U	R	A	N	I	U	M										•	0	4	9				•	0	0	9																								
019																	•							•																												
020																	•							•																												
021																	•							•																												
022																	•							•																												
023																	•							•																												
024																	•							•																												
998	(	P	U	N	C	H	)																																												
999	(	P	U	N	C	H	)																																												

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. E. Clark

COMPLETION DATE: 9/19/80

DATE OF SERVICE TRIP 8/1/80 BUILD ROUTINE ☐ SPECIAL ☐ REPORT NO. 877 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 7/25 - 8/1	1400 to 1400	8.5	85.7	.149	.001	.026		
2	Special K-1206-D Trailer 7/25 - 7/29	1400 to 1400	8.5	~~85.7~~ 49.0	.296	.010	.051		
3	Special Radio Tower 7/25 - 7/29	1400 to 1400	8.5	~~85.7~~ 49.0	.214	.011	.051		
4	Blair Road 7/25 - 8/1	1400 to 1400	8.5	85.7	.210	<.001	.032		
5	Credit Union 7/25 - 8/1	1400 to 1400	8.5	85.7	.102	.018	.029		
6	Cabin 7/25 - 8/1	1400 to 1400	8.5	85.7	.084	<.001	.020		
1008	Changehouse 7/25 - 8/1	1400 to 1400	8.5	85.7	.254	.028	.020		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED R. L. Clark SUPERVISOR J S McCall DATE RELEASED 8/21/80

DATE OF SERVICE TRIP 8/8/80 BUILD V ROUTINE ☐ SPECIAL ☐ REPORT NO. 878 V REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 8/1/80-8/8/80	1400 to 1400	8.5	85.7	.122	.009	.090		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.508	.012	.099		
3	Radio Tower	1400 to 1400	8.5	85.7	.184	.004	.082		
4	Blair Road	1400 to 1400	8.5	85.7	.102	.008	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	.090	.003	.082		
6	Cabin	1400 to 1400	8.5	85.7	.067	.003	.152		
1008					.467	.012	.125		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		D. T. DUNCAN	

SAMPLED BY R. F. Clark SUPERVISOR J. S. McCall DATE RELEASED 9/19/80

DATE OF SERVICE TRIP 8/15/80 BUILD Y ROUTINE ☐ SPECIAL ☐ REPORT NO. 819 Y REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 8/8 – 8/15/80	1400 to 1400	8.5	85.7	.122	.001	.073		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.318	.001	.076		
3	Radio Tower	1400 to 1400	8.5	85.7	.303	.002	.084		
4	Blair Road	1400 to 1400	8.5	85.7	.108	.019	.082		
5	Credit Union	1400 to 1400	8.5	85.7	.052	<.001	.076		
6	Cabin	1400 to 1400	8.5	85.7	.064	.001	.090		
1008					.408	.002	.082		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY K. L. Clark SUPERVISOR L. B. McCall DATE RELEASED 9/19/80

DATE OF SERVICE TRIP 8/22/80 BUILD ROUTINE ☐ REPORT NO. 880

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 8/15 - 8/22/80	1400 to 1400	8.5	85.7	.149	<.001	.090		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.332	.004	.073		
3	Radio Tower	1400 to 1400	8.5	85.7	.169	.002	.073		
4	Blair Road	1400 to 1400	8.5	85.7	.070	.002	.099		
5	Credit Union	1400 to 1400	8.5	85.7	.088	<.001	.099		
6	Cabin	1400 to 1400	8.5	85.7	.067	<.001	.114		
1008					.461	.009	.090		
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		D. T. DUNCAN	

SAMPLED R. L. Clark SUPERVISOR J. M. McCall DATE RELEASED 9/19/80

DATE OF SERVICE TRIP 0/29/80 BUILD V ROUTINE ☐ SPECIAL ☐ REPORT NO. 881 V REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 8/22-8/29/80	1400 to 1400	8.5	85.7	.149	.002	.117		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.275	.006	.111		
3	Radio Tower	1400 to 1400	8.5	85.7	.172	.004	.105		
4	Blair Road	1400 to 1400	8.5	85.7	.062	.004	.111		
5	Credit Union	1400 to 1400	8.5	85.7	.064	.002	.117		
6	Cabin	1400 to 1400	8.5	85.7	.048	.003	.117		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR A S McCall DATE RELEASED 9/19/80

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
0	8	A	U	G	U	S	T							1	9	8	0	G	A	S	E	Ø	U	S		F	L	U	Ø	R	I	D	E	0	1																														
		0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	1	4	9		0	.	1	2	2		0	.	1	2	2		0	.	1	4	9		0	.	1	4	9														
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	2	9	6		0	.	5	0	8		0	.	3	1	8		0	.	3	3	2		0	.	2	7	5														
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	2	1	4		0	.	1	8	4		0	.	3	0	3		0	.	1	6	9		0	.	1	7	2														
0	0	4	B	L	A	I	R		R	Ø	A	D								0	.	2	1	0		0	.	1	0	2		0	.	1	0	8		0	.	0	7	0		0	.	0	6	2														
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N						0	.	1	0	2		0	.	0	9	0		0	.	0	5	2		0	.	0	8	8		0	.	0	6	4														
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N			0	.	0	8	4		0	.	0	6	7		0	.	0	6	4		0	.	0	6	7		0	.	0	4	8														
0	0	9	K	-	1	0	0	8		(	E	A	S	T	)					0	.	2	5	4		0	.	4	6	7		0	.	4	0	8		0	.	4	6	1																						
9	9	8																																																												
0	8	A	U	G	U	S	T							1	9	8	0	U	R	A	N	I	U	M											0	1																													
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	0	0	1		0	.	0	0	9		0	.	0	0	1	-	0	.	0	0	1		0	.	0	0	2														
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E				0	.	0	1	0		0	.	0	1	2		0	.	0	0	1		0	.	0	0	4		0	.	0	0	6														
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	0	1	1		0	.	0	0	4		0	.	0	0	2		0	.	0	0	2		0	.	0	0	4														
0	0	4	B	L	A	I	R		R	Ø	A	D							-	0	.	0	0	1		0	.	0	0	8		0	.	0	1	9		0	.	0	0	2		0	.	0	0	4														
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N						0	.	0	1	8		0	.	0	0	3	-	0	.	0	0	1	-	0	.	0	0	1		0	.	0	0	2														
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N		-	0	.	0	0	1		0	.	0	0	3		0	.	0	0	1	-	0	.	0	0	1		0	.	0	0	3														
0	0	9	K	-	1	0	0	8		(	E	A	S	T	)					0	.	0	2	8		0	.	0	1	2		0	.	0	0	2		0	.	0	0	9																						
9	9	8																																																												
	8	A	U	G	U	S	T							1	9	8	0	C	H	R	Ø	M	I	U	M										0	1																													
0	0	1	K	-	9	0	1		P	U	M	P	H	Ø	U	S	E			0	.	0	2	6		0	.	0	9	0		0	.	0	7	3		0	.	0	9	0		0	.	1	1	7														
0	0	2	K	-	1	2	0	6	D		T	R	A	I	L	E	R			0	.	0	5	1		0	.	0	9	9		0	.	0	7	6		0	.	0	7	3		0	.	1	1	1														
0	0	3	R	A	D	I	Ø		T	Ø	W	E	R							0	.	0	5	1		0	.	0	8	2		0	.	0	8	4		0	.	0	7	3		0	.	1	0	5														
0	0	4	B	L	A	I	R		R	Ø	A	D								0	-	0	3	2	-	0	.	0	1	4		0	.	0	8	2		0	.	0	9	9		0	.	1	1	1														
0	0	5	C	R	E	D	I	T		U	N	I	Ø	N						0	.	0	2	9		0	.	0	8	2		0	.	0	7	6		0	.	0	9	9		0	.	1	1	7														
0	0	6	W	A	T	T	S		B	A	R		C	A	B	I	N			0	.	0	2	0		0	.	1	5	2		0	.	0	9	0		0	.	1	1	4		0	.	1	1	7														

DATA SHEET (80 column)

723
5-74

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
0	0	7	K	-	1	0	0	8			(	E	A	S	T	)				0	.	0	2	0		0	.	1	2	5		0	.	0	8	2		0	.	0	9	0																						
		9	9																																																											

DATA SHEET (80 column)

·72301
5-72)

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1980 | FIRST DAY: 06 | STAT. NO.: 001 | LOCATION: WEST HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	8	4	2	5			8	4	3	7	5			8	3	7	0	0			8	8	4	2	5							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			4	9	.	2				7	9	.	1				9	3	.	9				1	1	.	3						.		
0	0	3	R	E	S	I	D	U	E	-	M	G					1	9	.	2				2	5	.	0				1	9	.	9					6	.	1						.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			2	.						3	.						3	.						1	.							.			
0	0	5	C	A	L	C	I	U	M					↓				2	.						3	.						4	.						1	.							.			
0	0	6	C	H	R	O	M	I	U	M									.	0	0	8				.	0	0	8				.	0	1					.	0	1					.			
0	0	7	C	O	P	P	E	R											.	2						.	2						.	3						.	3						.			
0	0	8	I	R	O	N													.	5						.	6						.	7						.	5						.			
0	0	9	M	A	G	N	E	S	I	U	M								.	3						.	5						.	5						.	2						.			
0	1	0	M	A	N	G	A	N	E	S	E								.	0	0	4				.	0	0	4				.	0	2					.	0	1					.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						.							.							.							.							.			
0	1	2	N	I	C	K	E	L											.	0	3					.	0	3					.	0	3					.	0	1					.			
0	1	3	L	E	A	D													.	0	3					.	0	5					.	0	8					.	3						.			
0	1	4	T	I	T	A	N	I	U	M									.	0	2					.	0	2					.	0	8					.	0	3					.			
0	1	5	V	A	N	A	D	I	U	M									.	0	0	6				.	0	0	8				.	0	0	8				.	0	0	2				.			
0	1	6	S	I	L	I	C	O	N									4	.						4	.						2	.						1	.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					.							.							.							.							.			
0	1	8																	.							.							.							.							.			
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0	2	0																	.							.							.							.							.			
0	2	1																	.							.							.							.							.			
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0	2	3																	.							.							.							.							.			
0	2	4																	.							.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 10/14/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1980	06	002	NORTH HI VOL

Code (1–3)	Item (4–16)	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT³	84375	85050	85050	87750	
002	TOTAL PART – MG	40.2	69.6	89.4	10.4	.
003	RESIDUE – MG	2.9	26.8	21.7	5.7	.
004	ALUMINUM – MG	3.	4.	3.	1.	.
005	CALCIUM ↓	2.	3.	4.	1.	.
006	CHROMIUM	.008	.01	.02	.007	.
007	COPPER	.2	.3	.3	.3	.
008	IRON	.5	.6	1.	.5	.
009	MAGNESIUM	.3	.4	.06	.3	.
010	MANGANESE	.004	.005	.02	.02	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.03	.04	.03	.01	.
013	LEAD	.03	.04	.08	.2	.
014	TITANIUM	.02	.008	.08	.02	.
015	VANADIUM	.006	.006	.008	.004	.
016	SILICON	4.	4.	3.	1.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/14/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1980	06	003	EAST Hi VOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT³	86400	NO SAMPLE	NO SAMPLE	NO SAMPLE	
002	TOTAL PART – MG	8.3	.	.	.	.
003	RESIDUE – MG	13.3	.	.	.	.
004	ALUMINUM – MG	2.	.	.	.	.
005	CALCIUM	2.	.	.	.	.
006	CHROMIUM	.008	.	.	.	.
007	COPPER	1.	.	.	.	.
008	IRON	.3	.	.	.	.
009	MAGNESIUM	.2	.	.	.	.
010	MANGANESE	.004	.	.	.	.
011	MOLYBDENIUM	.004	.	.	.	.
012	NICKEL	.06	.	.	.	.
013	LEAD	.03	.	.	.	.
014	TITANIUM	.01	.	.	.	.
015	VANADIUM	.002	.	.	.	.
016	SILICON	3.	.	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. P. Clark

COMPLETION DATE: 10/14/80

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1980 | FIRST DAY: 06 | STAT. NO.: 004 | LOCATION: SOUTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	5	7	2	5		NO SAMPLE								7	6	9	5	0			8	0	3	2	5							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			2	2	•	1						•				1	1	1	•	3				1	•	9						•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	5	•	0						•					4	1	•	3				8	•	8						•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G			3	•							•						6	•					1	•							•		
0	0	5	C	A	L	C	I	U	M					↓				3	•							•						8	•					2	•							•		
0	0	6	C	H	R	O	M	I	U	M									•	0	2					•							•	0	2					•	0	0	8				•		
0	0	7	C	O	P	P	E	R										3	•							•							•	4					•	4						•		
0	0	8	I	R	O	N													•	8						•						1	•	5					•	6						•		
0	0	9	M	A	G	N	E	S	I	U	M								•	5						•						1	•						•	3						•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	7				•							•	0	4					•	0	2					•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•		
0	1	2	N	I	C	K	E	L											•	0	5					•							•	0	6					•	0	1					•		
0	1	3	L	E	A	D													•	0	8					•							•	1	5					•	3						•		
0	1	4	T	I	T	A	N	I	U	M									•	0	3					•							•	1	5					•	0	3					•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	8				•							•	0	2					•	0	0	4				•		
0	1	6	S	I	L	I	C	O	N									7	•							•						4	•					1	•							•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•		
0	1	8																	•							•							•							•							•		
0	1	9																	•							•							•							•							•		
0	2	0																	•							•							•							•							•		
0	2	1																	•							•							•							•							•		
0	2	2																	•							•							•							•							•		
0	2	3																	•							•							•							•							•		
0	2	4																	•							•							•							•							•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. T. Clark

COMPLETION DATE: 10/14/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1980	0828	005	WINKEL LAKE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						6	5	1	4	0		1	2	8	7	7	5			7	3	6	9	5															
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					—	•	—			7	4	•	6					1	2	•	8					•								•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END	DATE					0	9	0	4				0	9	1	8				1	0	0	2				•								•		
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•	7	5				2	•	5						•	1	2	5				•								•		
0	0	5	C	A	L	C	I	U	M					↓					•	5					1	•	7	5					•	5						•								•		
0	0	6	C	H	R	O	M	I	U	M									•	0	1					•	0	1	5				•	0	2	5				•								•		
0	0	7	C	O	P	P	E	R											•	0	0	8				•	0	5					•	0	1	2				•								•		
0	0	8	I	R	O	N													•	0	7	5				•	2	5					•	1	2	5				•								•		
0	0	9	M	A	G	N	E	S	I	U	M								•	1	7	5				•	2	5					•	1	7	5				•								•		
0	1	0	M	A	N	G	A	N	E	S	E								•	0	0	5				•	0	1					•	0	1					•								•		
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•								•		
0	1	2	N	I	C	K	E	L											•	0	0	2				•	0	1					•	0	2	5				•								•		
0	1	3	L	E	A	D													•	0	5					•	0	2	5				•	0	5					•								•		
0	1	4	T	I	T	A	N	I	U	M									•	0	2	5				•	0	2	5				•	0	2	5				•								•		
0	1	5	V	A	N	A	D	I	U	M									•	0	0	2				•	0	0	2				•	0	0	2				•								•		
0	1	6	S	I	L	I	C	O	N									1	•	7	5				2	•	5						•	2	5					•								•		
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•								•		
0	1	8	U	R	A	N	I	U	M										•	0	0	2				•	0	2	3				•	0	0	2				•								•		
0	1	9																	•							•							•							•								•		
0	2	0																	•							•							•							•								•		
0	2	1																	•							•							•							•								•		
0	2	2																	•							•							•							•								•		
0	2	3																	•							•							•							•								•		
0	2	4																	•							•							•							•								•		
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: Ric Clark

COMPLETION DATE: 10/17/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1980 | FIRST DAY: 08 28 | STAT. NO.: 006 | LOCATION: PORTAL 9

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15	16 17 18 19 20	21 22 23	24 25 26 27 28 29 30	31 32 33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51
001	VOLUME-FT³		7	600	42000	59400	
002	TOTAL PART-MG		—		89.2	35.1	. .
003	~~RESIDUE-MG~~	END	DATE 0	904	0918	1002	. .
004	ALUMINUM	-MG	.	75	2.5	.25	. .
005	CALCIUM	↓	.	75	1.75	.5	. .
006	CHROMIUM		.	015	.015	.025	. .
007	COPPER		.	012	.002	.025	. .
008	IRON		.	25	.025	.25	. .
009	MAGNESIUM		1 .	75	.025	.175	. .
010	MANGANESE		.	005	.005	.01	. .
011	MOLYBDENIUM		.		.	.	. .
012	NICKEL		.	005	.008	.025	. .
013	LEAD		.	05	.125	.05	. .
014	TITANIUM		.	025	.025	.025	. .
015	VANADIUM		.	002	.002	.002	. .
016	SILICON		1 .	75	2.5	1.25	. .
017	OTHERS FOUND		.		.	.	. .
018	URANIUM		.	002	.010	.005	. .
019			.		.	.	. .
020			.		.	.	. .
021			.		.	.	. .
022			.		.	.	. .
023			.		.	.	. .
024			.		.	.	. .
998	(PUNCH)						
999	(PUNCH)						

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/17/80

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1980 | FIRST DAY: 08 28 | STAT. NO.: 007 | LOCATION: HF TANK FARM

001	VOLUME - FT3	65215	1	23510	56990
002	TOTAL PART - MG	—•—		64.4	11.6
003	~~RESIDUE - MG~~ END DATE	0904		0918	1002
004	ALUMINUM - MG	.75		2.5	.25
005	CALCIUM	.5		1.75	.5
006	CHROMIUM	.01		.015	.025
007	COPPER	.008		.012	.008
008	IRON	.08		.5	.125
009	MAGNESIUM	.175		.25	.175
010	MANGANESE	.005		.005	.01
011	MOLYBDENIUM	.		.	.
012	NICKEL	.002		.008	.012
013	LEAD	.025		.125	.025
014	TITANIUM	.025		.025	.025
015	VANADIUM	.002		.002	.002
016	SILICON	1.25		2.5	.75
017	OTHERS FOUND	.		.	.
018	URANIUM	.001		.008	.001
019		.		.	.
020		.		.	.
021		.		.	.
022		.		.	.
023		.		.	.
024		.		.	.
998	(PUNCH)				
999	(PUNCH)				

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. E. Clark

COMPLETION DATE: 10/17/80

PARTICULATE AIR DATA

MONTH (1–11)	YEAR (12–16)	FIRST DAY (17–20)	STAT. NO. (21–25)	LOCATION (26–)
09 SEPTEMBER	1980	0828	008	K 33

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME – FT³	67650	143120	72300		
002	TOTAL PART – MG	~~.~~	58.2	10.2	.	.
003	~~RESIDUE – MG~~ END DATE	0904	0918	1002	.	.
004	ALUMINUM – MG	.5	2.5	.075	.	.
005	CALCIUM ↓	.75	1.25	.25	.	.
006	CHROMIUM	.015	.015	.05	.	.
007	COPPER	.008	.012	.002	.	.
008	IRON	.08	.25	.125	.	.
009	MAGNESIUM	.175	.25	.175	.	.
010	MANGANESE	.005	.005	.01	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.002	.008	.025	.	.
013	LEAD	.025	.05	.012	.	.
014	TITANIUM	.025	.025	.025	.	.
015	VANADIUM	.002	.005	.002	.	.
016	SILICON	1.25	2.5	.25	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.003	.008	.001	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 10/17/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1980 | FIRST DAY: 08 28 | STAT. NO.: 009 | LOCATION: SALVAGE YD

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15 16	17 18 19 20	21 22 23	24 25 26	27 28 29 30	31 32 33	34 35 36 37	38 39 40 41	42 43 44 45	46 47 48 49	50 51
001	VOLUME-FT3		66	550		97630		70890				
002	TOTAL PART-MG		—	• —		78.9		22.5		•	•	
003	~~RESIDUE-MG~~ END DATE		0	904		0918		1002	•		•	
004	ALUMINUM -MG			.75		2.5		.25	•		•	
005	CALCIUM		2	.5		5.		.5	•		•	
006	CHROMIUM		2	.5		.015		.025	•		•	
007	COPPER			.008		.012		.008	•		•	
008	IRON			.125		.5		.125	•		•	
009	MAGNESIUM			.25		.5		.175	•		•	
010	MANGANESE			.005		.005		.01	•		•	
011	MOLYBDENIUM			.		.		.	•		•	
012	NICKEL			.002		.008		.012	•		•	
013	LEAD			.05		.05		.05	•		•	
014	TITANIUM			.025		.025		.025	•		•	
015	VANADIUM			.005		.002		.002	•		•	
016	SILICON		1	.75		2.5		1.25	•		•	
017	OTHERS FOUND			.		.		.	•		•	
018	URANIUM			.003		.005		.005	•		•	
019				.		.		.	•		•	
020				.		.		.	•		•	
021				.		.		.	•		•	
022				.		.		.	•		•	
023				.		.		.	•		•	
024				.		.		.	•		•	
998	(PUNCH)											
999	(PUNCH)											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/17/80

PARTICULATE AIR DATA

MONTH: 09 SEPTEMBER | YEAR: 1980 | FIRST DAY: 0828 | STAT. NO.: 010 | LOCATION: PROPANE FARM

1–3	4–11	12–15	19–20	21–23	26–30	33–37
001	VOLUME-FT³		71	810	13081	67800
002	TOTAL PART-MG		—	•	48.9	15.5
003	~~RESIDUE-MG~~ END DATE		09	04	0918	1002
004	ALUMINUM-MG		•	75	1.75	.25
005	CALCIUM		1	.25	2.5	.5
006	CHROMIUM		•	015	.015	.025
007	COPPER		•	025	.075	.025
008	IRON		•	125	.25	.25
009	MAGNESIUM		•	175	.25	.175
010	MANGANESE		•	005	.01	.01
011	MOLYBDENIUM		•		.	.
012	NICKEL		•	005	.025	.025
013	LEAD		•	025	.075	.05
014	TITANIUM		•	025	.025	.025
015	VANADIUM		•	002	.002	.002
016	SILICON		1	.75	2.5	1.75
017	OTHERS FOUND		•		.	.
018	URANIUM		•	004	.004	.002
019			•		.	.
020			•		.	.
021			•		.	.
022			•		.	.
023			•		.	.
024			•		.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 10/17/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
09 SEPTEMBER	1980	0828	011	K1420

Code	Item (cols 4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME - FT³	56540	104160	NO SAMPLE		
002	TOTAL PART - MG	—.—	72.9	.	.	.
003	~~RESIDUE - MG~~ END DATE	0904	0918	1002	.	.
004	ALUMINUM - MG	.75	2.5	.	.	.
005	CALCIUM ↓	1.75	2.5	.	.	.
006	CHROMIUM	.01	.015	.	.	.
007	COPPER	.012	.075	.	.	.
008	IRON	.075	.25	.	.	.
009	MAGNESIUM	.175	.25	.	.	.
010	MANGANESE	.005	.01	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.01	.05	.	.	.
013	LEAD	.025	.125	.	.	.
014	TITANIUM	.025	.025	.	.	.
015	VANADIUM	.002	.005	.	.	.
016	SILICON	1.75	2.5	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.006	.014	.	.	.
019		.	.	.	.	.
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024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 10/17/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH (1–11)	YEAR (12–15)	FIRST DAY (16–20)	STAT. NO. (21–25)	LOCATION (26–31)
09 SEPTEMBER	1980	0828	012	K 1200

Card (1–3)	Description (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME – FT^3	51900	93700	53600		
002	TOTAL PART – MG	~~.~~	74.8	36.7	.	.
003	~~RESIDUE – MG~~ END DATE	0904	⊙918	1002	.	.
004	ALUMINUM – MG	.75	1.75	.25	.	.
005	CALCIUM ↓	.5	1.75	.5	.	.
006	CHROMIUM	.01	.015	.025	.	.
007	COPPER	.008	.025	.012	.	.
008	IRON	.075	.5	.125	.	.
009	MAGNESIUM	.175	.25	.175	.	.
010	MANGANESE	.005	.01	.01	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.002	.015	.025	.	.
013	LEAD	.05	.125	.05	.	.
014	TITANIUM	.025	.025	.025	.	.
015	VANADIUM	.002	.005	.002	.	.
016	SILICON	1.75	2.5	1.75	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.003	.007	.005	.	.
019		.	.	.	.	.
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024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 10/17/80

UCN-12660
(1 5-78)

DATE OF SERVICE TRIP 8/27/80 9/3/80 BUILD ROUTINE ☐ SPECIAL ☐ REPORT NO. [illegible] REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.117	.026	.084		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.194	.006	.096		
3	Radio Tower	1400 to 1400	8.5	85.7	.134	.005	.093		
4	Blair Road	1400 to 1400	8.5	85.7	.055	.008	.181		
5	Credit Union	1400 to 1400	8.5	85.7	.058	.010	.105		
6	Cabin	1400 to 1400	8.5	85.7	.038	.004	.111		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR H H Sullivan DATE RELEASED 10-6-80

DATE OF SERVICE TRIP 9/12/80 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 880 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 9/5 – 9/12/80	1400 to 1400	8.5	85.7	.101	.004	.049		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.189	.002	.055		
3	Radio Tower	1400 to 1400	8.5	85.7	.125	.003	.058		
4	Blair Road	1400 to 1400	8.5	85.7	.039	.001	.050		
5	Credit Union	1400 to 1400	8.5	85.7	.054	.004	.052		
6	Cabin	1400 to 1400	8.5	85.7	.036	.002	.055		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR H H Sullivan DATE RELEASED 10-6-80

DATE OF SERVICE TRIP 9/19/80 BUILD ROUTINE ☐ SPECIAL ☐ REPORT NO. 884 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 9/12 – 9/19/80	1400 to 1400	8.5	85.7	.120	.019	.058		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.248	.009	.058		
3	Radio Tower	1400 to 1400	8.5	85.7	.245	.011	.067		
4	Blair Road	1400 to 1400	8.5	85.7	.050	.005	.058		
5	Credit Union	1400 to 1400	8.5	85.7	.050	.004	.058		
6	Cabin	1400 to 1400	8.5	85.7	.038	.011	.058		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR H H Sullivan DATE RELEASED 10-16-80

DATE OF SERVICE TRIP 7/28/80 BUILD ROUTINE ☐ REPORT NO. 003

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse 9/19/80-9/26/80	1400 to 1400	8.5	85.7	.099	.001	.052		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.166	.004	.050		
3	Radio Tower	1400 to 1400	8.5	85.7	.099	.002	.044		
4	Blair Road	1400 to 1400	8.5	85.7	.035	.005	.041		
5	Credit Union	1400 to 1400	8.5	85.7	.035	.046	.029		
6	Cabin	1400 to 1400	8.5	85.7	.032	.003	.050		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR H H Sullivan DATE RELEASED 10-6-80

DATE OF SERVICE TRIP _____ BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. _____ REQUESTED BY _____

WIND VANE SAMPLES

SAMPLE NUMBER	SAMPLING ~~LOCATION~~ DATES	HRS. (END)	SAMPLING TIME Min.	SAMPLING RATE CFM	SAMPLING VOLUME m^3	F (µg)	F (µg/m³)		DATE RELEASED	
7-118	3/28/80 – 5/2/80	4888.2	5568	0.3	47.3	33	0.698			
8-82	3/28/80 – 5/2/80	3681.7	6006	0.3	51.0	8.8	0.172			
7-119	5/2/80 – 7/3/80	5043.5	9306	0.3	79.0	55	0.696			
8-83	5/2/80 – 7/3/80	3816.8	8106	0.3	68.9	16.5	0.239	19		
7-120	7/3/80 – 9/19/80	5229.4	11,154	0.3	94.8	45	0.475	26		
8-84	7/3/80 – 9/19/80	3964.0	8832	0.3	75.0	22.5	0.3		H H Sullivan	10-6-80

SAMPLED R. L. Clark SUPERVISOR J. McCall DATE RELEASED 7/2 '80

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
0	9	S	E	P	T	E	M	B	E	R				1	9	8	0	G	A	S	E	Y				F	L	U	Ø	R	I	D	E	0	5																													
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4	7	9																																																													

DATA SHEET (80 column)

N-723L
5-72)

PARTICULATE AIR DATA

MONTH: 10 OCTOBER — YEAR: 1980 — FIRST DAY: 08 — STAT. NO.: 001 — LOCATION: WEST HI VOL

Code	Item	Cols. 17–23	Cols. 24–30	Cols. 31–37
001	VOLUME – FT³	90450	837[illegible]	88425
002	TOTAL PART – MG	14.3	104.4	223.8
003	RESIDUE – MG	31.2	87.0	175.3
004	ALUMINUM – MG	3.	8.	18.
005	CALCIUM ↓	4.	17.	40.
006	CHROMIUM	.02	.04	.02
007	COPPER	.7	.2	.13
008	IRON	.8	.3	3.5
009	MAGNESIUM	.5	.2	4.3
010	MANGANESE	.03	.1	.07
011	MOLYBDENIUM	.	.	.
012	NICKEL	.02	.4	.13
013	LEAD	.1	.4	.3
014	TITANIUM	.06	.4	.6
015	VANADIUM	.008	.03	.3
016	SILICON	4.	17.	35.
017	OTHERS FOUND	.	.	.
018		.	.	.
019		.	.	.
020		.	.	.
021		.	.	.
022		.	.	.
023		.	.	.
024		.	.	.
998	(PUNCH)			
999	(PUNCH)			

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 11/5/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1980	08	002	NORTH HI VOL

Code (1–3)	Item (4–16)	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT3	89100	87750	83700		
002	TOTAL PART – MG	19.8	62.1	66.6	.	.
003	RESIDUE – MG	25.5	46.4	30.4	.	.
004	ALUMINUM – MG	4.	5.	3.	.	.
005	CALCIUM	3.	9.	7.	.	.
006	CHROMIUM	.02	.02	.02	.	.
007	COPPER	.3	1.1	.04	.	.
008	IRON	.8	2.	.3	.	.
009	MAGNESIUM	.5	1.	.7	.	.
010	MANGANESE	.03	.08	.009	.	.
011	MOLYBDENUM	.	.	.	.	.
012	NICKEL	.01	.04	.04	.	.
013	LEAD	.5	.2	.09	.	.
014	TITANIUM	.04	.2	.08	.	.
015	VANADIUM	.004	.01	.05	.	.
016	SILICON	3.	9.	4.	.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
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023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 11/5/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 10 OCTOBER | YEAR: 1980 | FIRST DAY: 08 | STAT. NO.: 003 | LOCATION: EAST HI VOL

Code (cols 1–3)	Item (cols 4–16)	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT[3]	NO SAMPLE	NO SAMPLE	74250		
002	TOTAL PART – MG	.	.	47.5	.	.
003	RESIDUE – MG	.	.	21.3	.	.
004	ALUMINUM – MG	.	.	2.	.	.
005	CALCIUM ↓	.	.	5.	.	.
006	CHROMIUM	.	.	.01	.	.
007	COPPER	.	.	1.	.	.
008	IRON	.	.	.2	.	.
009	MAGNESIUM	.	.	.5	.	.
010	MANGANESE	.	.	.008	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.	.	.1	.	.
013	LEAD	.	.	.08	.	.
014	TITANIUM	.	.	.08	.	.
015	VANADIUM	.	.	.04	.	.
016	SILICON	.	.	3.	.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. P. Clark

COMPLETION DATE: 11/5/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1980	08	004	SOUTH HI VOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	2	3	5	0			7	8	3	0	0			7	9	6	5	0														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				5	•	6				9	0	•	3				9	4	•	4						•							•		
0	0	3	R	E	S	I	D	U	E	-	M	G					3	6	•	5				6	8	•	5				5	0	•	7						•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G			4	•						7	•						5	•							•							•			
0	0	5	C	A	L	C	I	U	M									5	•					1	3	•					1	2	•							•							•			
0	0	6	C	H	R	O	M	I	U	M									•	0	3					•	0	3					•	0	0	7				•							•			
0	0	7	C	O	P	P	E	R										1	•	2					1	•	5						•	5						•							•			
0	0	8	I	R	O	N												2	•						2	•						1	•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M								•	7					1	•	5					1	•	2						•							•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	5					•	1						•	0	2					•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	2					•	3						•	0	5					•							•			
0	1	3	L	E	A	D													•	7						•	3						•	2						•							•			
0	1	4	T	I	T	A	N	I	U	M									•	0	8					•	3						•	2						•							•			
0	1	5	V	A	N	A	D	I	U	M									•	0	1					•	0	3					•	1						•							•			
0	1	6	S	I	L	I	C	O	N									4	•					1	3	•					1	0	•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
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0	2	2																	•							•							•							•							•			
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9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 11/5/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1980	02	005	WINKEL LAKE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3							2	1	8	1	0			4	9	3	0	5																				
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				1	3	•	6				1	3	•	1						•							•							•		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							1	0	1	6				1	0	3	0				•							•							•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G					•	7	5					•	2	5					•							•							•			
0	0	5	C	A	L	C	I	U	M					↓					1	•	2	5					•	0	0	5				•							•							•			
0	0	6	C	H	R	O	M	I	U	M										•	0	0	5				•	0	2					•							•							•			
0	0	7	C	O	P	P	E	R												•	0	0	8				•	0	1	2				•							•							•			
0	0	8	I	R	O	N														•	0	7	5				•	2	5					•							•							•			
0	0	9	M	A	G	N	E	S	I	U	M									•	1	7	5				•	1	2	5				•							•							•			
0	1	0	M	A	N	G	A	N	E	S	E									•	0	1					•	0	2	5				•							•							•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							•							•							•							•							•			
0	1	2	N	I	C	K	E	L												•	0	5					•	0	2	5				•							•							•			
0	1	3	L	E	A	D														•	0	2	5				•	0	7	5				•							•							•			
0	1	4	T	I	T	A	N	I	U	M										•	0	2	5				•	0	5					•							•							•			
0	1	5	V	A	N	A	D	I	U	M										•	0	0	2				•	0	0	2				•							•							•			
0	1	6	S	I	L	I	C	O	N										1	•	2	5					•	5						•							•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						•							•							•							•							•			
0	1	8	U	R	A	N	I	U	M											•	0	0	9			<	•	0	0	1				•							•							•			
0	1	9																		•							•							•							•							•			
0	2	0																		•							•							•							•							•			
0	2	1																		•							•							•							•							•			
0	2	2																		•							•							•							•							•			
0	2	3																		•							•							•							•							•			
0	2	4																		•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																											
9	9	9	(	P	U	N	C	H	)																																											

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 11/14/80

PARTICULATE AIR DATA

MONTH: 1 0 0 OCTOBER | YEAR: 1980 | FIRST DAY: 02 | STAT. NO.: 006 | LOCATION: PORTAL 9

Code	Item	Cols 19–23	Cols 26–30
001	VOLUME – FT^3	53800	55100
002	TOTAL PART – MG	53.1	27.6
003	~~RESIDUE – MG~~ END DATE	1016	1030
004	ALUMINUM – MG	.75	.005
005	CALCIUM ↓	1.75	.005
006	CHROMIUM	.005	.025
007	COPPER	.005	.025
008	IRON	.125	.25
009	MAGNESIUM	.175	.125
010	MANGANESE	.006	.025
011	MOLYBDENIUM	.	.
012	NICKEL	.05	.025
013	LEAD	.025	.075
014	TITANIUM	.025	.05
015	VANADIUM	.002	.002
016	SILICON	1.75	.75
017	OTHERS FOUND	.	.
018	URANIUM	.009	.003
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 11/14/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1980	02	007	HF TANK FARM

Code	Item	Cols 19–23	Cols 26–30
001	VOLUME-FT³	64930	60910
002	TOTAL PART-MG	28.9	16.7
003	~~RESIDUE-MG~~ END DATE	1016	1030
004	ALUMINUM -MG	.5	.5
005	CALCIUM	1.75	.5
006	CHROMIUM	.001	.025
007	COPPER	.005	.012
008	IRON	.075	.25
009	MAGNESIUM	.175	.125
010	MANGANESE	.002	.015
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.012
013	LEAD	.012	.075
014	TITANIUM	.025	.05
015	VANADIUM	.001	.002
016	SILICON	1.25	.75
017	OTHERS FOUND	.	.
018	URANIUM	.003	.002
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 11/14/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
10 OCTOBER	1980	02	008	K 33

Code (1–3)	Item (4–18)	Cols 19–23	Cols 26–30
001	VOLUME – FT^3	76220	70310
002	TOTAL PART – MG	23.8	12.3
003	~~RESIDUE – MG~~ END DATE	1016	1030
004	ALUMINUM – MG	.75	.25
J05	CALCIUM	1.75	.5
006	CHROMIUM	.005	.02
007	COPPER	.005	.008
008	IRON	.25	.25
009	MAGNESIUM	.175	.125
010	MANGANESE	.025	.25
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.012
013	LEAD	.025	.05
014	TITANIUM	.025	.05
015	VANADIUM	.002	.002
016	SILICON	1.75	.5
017	OTHERS FOUND	.	.
018	URANIUM	.001	.001
019		.	.
020		.	.
021		.	.
J22		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 11/14/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 10 OCTOBER | YEAR: 1980 | FIRST DAY: 02 | STAT. NO.: 009 | LOCATION: SALVAGE YD

1 2 3	4 5 6 7 8 9 10 11	12 13	14 15	16 17 18 19 20	21 22 23	24 25	26 27 28 29 30
001	VOLUME-FT³			57	610		35940
002	TOTAL PART		-MG	31	.7		20.3
003	~~RESIDUE~~		~~=MG~~ END DATE	1	016		.030
004	ALUMINUM		-MG	.	125		.25
005	CALCIUM			1	.25		.5
006	CHROMIUM			.	002		.025
007	COPPER			.	005		.012
008	IRON			.	075		.25
009	MAGNESIUM			.	175		.125
010	MANGANESE			.	002		.015
011	MOLYBDENIUM			.			.
012	NICKEL			.	002		.012
013	LEAD			.	012		.075
014	TITANIUM			.	025		.05
015	VANADIUM			.	002		.002
016	SILICON			.	75		.5
017	OTHERS FOUND			.			.
018	URANIUM			.	003		.001
019				.			.
020				.			.
021				.			.
022				.			.
023				.			.
024				.			.
998	(PUNCH)						
999	(PUNCH)						

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. T. Clark

COMPLETION DATE: 11/14/80

PARTICULATE AIR DATA

MONTH: 1 0 0 C T O B E R | YEAR: 1 9 8 0 | FIRST DAY: 0 2 | STAT. NO. 0 1 0 | LOCATION: P R O P A N E F A R M

Code	Description	Cols 17–23	Cols 26–30	Col 34	Col 41	Col 48
001	VOLUME - FT^3	70750	68630			
002	TOTAL PART - MG	30.4	26.2	.	.	.
003	~~RESIDUE - MG~~ END DATE	1016	1030	.	.	.
004	ALUMINUM - MG	.25	.75	.	.	.
J05	CALCIUM ↓	1.75	1.25	.	.	.
006	CHROMIUM	.002	.025	.	.	.
007	COPPER	.012	.075	.	.	.
008	IRON	.125	.5	.	.	.
009	MAGNESIUM	.175	.125	.	.	.
010	MANGANESE	.002	.25	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.025	.05	.	.	.
013	LEAD	.012	.125	.	.	.
014	TITANIUM	.025	.05	.	.	.
015	VANADIUM	.001	.005	.	.	.
016	SILICON	1.25	1.	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.008	.007	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
J22		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 11/14/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 10 OCTOBER | YEAR: 1980 | FIRST DAY: 02 | STAT. NO.: 011 | LOCATION: K 1420

001	VOLUME-FT3	NO SAMPLE	4860
002	TOTAL PART-MG		31.1
003	~~RESIDUE-MG~~	END DATE 1016	.1030
004	ALUMINUM-MG		1.
005	CALCIUM		.5
006	CHROMIUM		.025
007	COPPER		.075
008	IRON		1.25
009	MAGNESIUM		.125
010	MANGANESE		.25
011	MOLYBDENIUM		.
012	NICKEL		.05
013	LEAD		.075
014	TITANIUM		.05
015	VANADIUM		.005
016	SILICON		.75
017	OTHERS FOUND		.
018	URANIUM		.005
019			.
020			.
021			.
022			.
023			.
024			.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 11/14/80

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 10 OCTOBER | YEAR: 1980 | FIRST DAY: 02 | STAT. NO. 012 | LOCATION: K 1200

Code (1–3)	Item (4–16)	Cols 17–23	Cols 26–30	Cols 34–37	Cols 41–44	Cols 48–51
001	VOLUME – FT³	56400	61900			
002	TOTAL PART – MG	32.2	20.8	.	.	.
003	~~RESIDUE – MG~~ END DATE	1016	1030	.	.	.
004	ALUMINUM – MG	.5	.75	.	.	.
005	CALCIUM	1.75	.5	.	.	.
006	CHROMIUM	.002	.025	.	.	.
007	COPPER	.01	.025	.	.	.
008	IRON	.5	.5	.	.	.
009	MAGNESIUM	.175	.125	.	.	.
010	MANGANESE	.005	.25	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.025	.025	.	.	.
013	LEAD	.025	.075	.	.	.
014	TITANIUM	.025	.05	.	.	.
015	VANADIUM	.002	.005	.	.	.
016	SILICON	1.75	.75	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.020	.010	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 11/14/80

UCN-12660
(1 5-78)

DATE OF SERVICE TRIP 10/3/80 BUILD V ROUTINE ☐ SPECIAL ☐ REPORT NO. 886 V REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 9/26 - 10/3/80	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.052	.003	.064		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.076	<.001	.070		
3	Radio Tower	1400 to 1400	8.5	85.7	.078	.017	.079		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	.002	.067		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.002	.073		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.001	.070		

DISTRIBUTION:
E. J. Barber
T. Kwasnoski
T. E. Bard
D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR J S McCall DATE RELEASED 10/15/80

DATE OF VICE TRIP 10/10/80 BUILD ROUTINE ☐ REPORT NO. 081

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 10/3/80 - 10/10/80	SAMPLING TIME	RATE ℓ/M	VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.061	.002	.064		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.105	.008	.111		
3	Radio Tower	1400 to 1400	8.5	85.7	.111	.007	.070		
4	Blair Road	1400 to 1400	8.5	85.7	.032	.007	.058		
5	Credit Union	1400 to 1400	8.5	85.7	.032	.007	.052		
6	Cabin	1400 to 1400	8.5	85.7	.023	.027	.067		

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T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR J. McCall DATE RELEASED 11/11/80

DATE OF VICE TRIP 10/17/80 BUILD ROUTINE ☐ SPECIAL ☐ REPORT NO. 888 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse 10/10/80-10/17/80	1400 to 1400	8.5	85.7	<.030	.018	.052		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.134	.013	.050		
3	Radio Tower	1400 to 1400	8.5	85.7	.067	.141	.050		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	.034	.096		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.006	.055		
6	Cabin	1400 to 1400	8.5	85.7	<.030	.005	.064		

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T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR J. R. McCall DATE RELEASED 11/11/80

DATE OF SERVICE TRIP 10/24/80 BUILD ROUTINE ☐ REPORT NO. 889

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 10/17 to 10/24	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	μg F/M^3	μg U/M^3	μg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.061	.006	.050		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.195	.005	.055		
3	Radio Tower	1400 to 1400	8.5	85.7	.096	.007	.076		
4	Blair Road	1400 to 1400	8.5	85.7	.061	.004	.058		
5	Credit Union	1400 to 1400	8.5	85.7	.041	.002	.055		
6	Cabin	1400 to 1400	8.5	85.7	.038	.002	.052		

DISTRIBUTION:

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T. Kwasnoski D. T. DUNCAN

SAMPLED R. L. Clark SUPERVISOR L. McCall DATE RELEASED 11/11/80

DATE OF VICE TRIP 10/31/80 BUILD ROUTINE ☐ REPORT NO. 890

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 10/24-10/31	1400 to 1400	8.5	85.7	.023	.003	.058		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.073	.005	.056		
3	Radio Tower	1400 to 1400	8.5	85.7	.052	.005	.068		
4	Blair Road	1400 to 1400	8.5	85.7	.032	.008	.058		
5	Credit Union	1400 to 1400	8.5	85.7	.029	<.001	.061		
6	Cabin	1400 to 1400	8.5	85.7	.023	.010	.061		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED R.L. Clark SUPERVISOR J.L. McCall DATE RELEASED 11/11/80

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
1 0 Ø C T Ø B E R                1 9 8 0 G A S E Ø U S   F L U Ø R I D E 0 3
0 0 1 K - 9 0 1   P U M P H Ø U S E     0 . 0 5 2   0 . 0 6 1 - 0 . 0 3 0   0 . 0 6 1   0 . 0 2 3
  0 2 K - 1 2 0 6 D   T R A I L E R     0 . 0 7 6   0 . 1 0 5   0 . 1 3 4   0 . 1 9 5   0 . 0 7 3
0 0 3 R A D I Ø   T Ø W E R             0 . 0 7 8   0 . 1 1 1   0 . 0 6 7   0 . 0 9 6   0 . 0 5 2
0 0 4 B L A I R   R Ø A D             - 0 . 0 3 0   0 . 0 3 2 - 0 . 0 3 0   0 . 0 6 1   0 . 0 3 2
0 0 5 C R E D I T   U N I Ø N         - 0 . 0 3 0   0 . 0 3 2 - 0 . 0 3 0   0 . 0 4 1   0 . 0 2 9
0 0 6 W A T T S   B A R   C A B I N   - 0 . 0 3 0   0 . 0 2 3 - 0 . 0 3 0   0 . 0 3 8   0 . 0 2 3
9 9 8
1 0 Ø C T Ø B E R                1 9 8 0 U R A N I U M           0 3
0 0 1 K - 9 0 1   P U M P H Ø U S E     0 . 0 0 3   0 . 0 0 2   0 . 0 1 8   0 . 0 0 6   0 . 0 0 3
0 0 2 K - 1 2 0 6 D   T R A I L E R   - 0 . 0 0 1   0 . 0 0 8   0 . 0 1 3   0 . 0 0 5   0 . 0 0 5
0 0 3 R A D I Ø   T Ø W E R             0 . 0 1 7   0 . 0 0 7   0 . 1 4 1   0 . 0 0 7   0 . 0 0 5
0 0 4 B L A I R   R Ø A D               0 . 0 0 2   0 . 0 0 7   0 . 0 3 4   0 . 0 0 4   0 . 0 0 8
0 0 5 C R E D I T   U N I Ø N           0 . 0 0 2   0 . 0 0 7   0 . 0 0 6   0 . 0 0 2 - 0 . 0 0 1
0 0 6 W A T T S   B A R   C A B I N     0 . 0 0 1   0 . 0 2 7   0 . 0 0 5   0 . 0 0 2   0 . 0 1 0
9 9 8
1 0 Ø C T Ø B E R                1 9 8 0 C H R Ø M I U M         0 3
0 0 1 K - 9 0 1   P U M P H Ø U S E     0 . 0 6 4   0 . 0 6 4   0 . 0 5 2   0 . 0 5 0   0 . 0 5 8
0 0 2 K - 1 2 0 6 D   T R A I L E R     0 . 0 7 0   0 . 1 1 1   0 . 0 5 0   0 . 0 5 5   0 . 0 5 6
  0 3 R A D I Ø   T Ø W E R             0 . 0 7 9   0 . 0 7 0   0 . 0 5 0   0 . 0 7 6   0 . 0 6 8
0 0 4 B L A I R   R Ø A D               0 . 0 6 7   0 . 0 5 8   0 . 0 9 6   0 . 0 5 8   0 . 0 5 8
0 0 5 C R E D I T   U N I Ø N           0 . 0 7 3   0 . 0 5 2   0 . 0 5 5   0 . 0 5 5   0 . 0 6 1
0 0 6 W A T T S   B A R   C A B I N     0 . 0 7 0   0 . 0 6 7   0 . 0 6 4   0 . 0 5 2   0 . 0 6 1
9 9 9
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CN-7230B
5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1980 | FIRST DAY: 01 | STAT. NO.: 001 | LOCATION: WEST HiVOL

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME – FT³	89100	84225	87750	91125	
002	TOTAL PART – MG	121.1	167.6	50.	61.9	.
003	RESIDUE – MG	133.3	64.8	15.0	28.9	.
004	ALUMINUM – MG	13.	6.	2.0	2.0	.
005	CALCIUM	33.	12.	2.0	4.0	.
006	CHROMIUM	.05	.03	0.01	0.02	.
007	COPPER	.6	.6	0.3	0.4	.
008	IRON	6.	3.	0.3	0.5	.
009	MAGNESIUM	3.	1.	0.1	0.1	.
010	MANGANESE	.1	.06	0.005	0.005	.
011	MOLYBDENUM	.	.	.	.	.
012	NICKEL	.03	.06	0.03	0.03	.
013	LEAD	.3	.1	0.08	0.07	.
014	TITANIUM	.3	.1	0.05	0.05	.
015	VANADIUM	.07	.03	0.006	0.004	.
016	SILICON	27.	12.	2.0	2.0	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 12/15/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1980 | FIRST DAY: 01 | STAT. NO.: 002 | LOCATION: NORTH HiVOL

1–3	4–11	12–15	19–20	21–23	26–30	31–41	42–48	49–51
001	VOLUME-FT3		87	075	87075	NO SAMPLE	NO SAMPLE	
002	TOTAL PART-MG		66.	9	35.2	.	.	.
003	RESIDUE-MG		5.	2	3.8	.	.	.
004	ALUMINUM-MG		.	5	.5	.	.	.
005	CALCIUM		.		.8	.	.	.
006	CHROMIUM		.	005	.005	.	.	.
007	COPPER		.	2	.2	.	.	.
008	IRON		.	3	.2	.	.	.
009	MAGNESIUM		.	1	.04	.	.	.
010	MANGANESE		.	008	.008	.	.	.
011	MOLYBDENIUM		.		.	.	.	.
012	NICKEL		.	01	.01	.	.	.
013	LEAD		.	02	.007	.	.	.
014	TITANIUM		.	01	.01	.	.	.
015	VANADIUM		.	003	.005	.	.	.
016	SILICON		1.		1.	.	.	.
017	OTHERS FOUND		.		.	.	.	.
018			.		.	.	.	.
019			.		.	.	.	.
020			.		.	.	.	.
021			.		.	.	.	.
022			.		.	.	.	.
023			.		.	.	.	.
024			.		.	.	.	.
998	(PUNCH)							
999	(PUNCH)							

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 12/15/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1980 | FIRST DAY: 01 | STAT. NO.: 003 | LOCATION: EAST HIVOL

Code	Item	17–23	24–30	31–37	38–44
001	VOLUME – FT³	74250	76950	80325	80325
002	TOTAL PART – MG	15.2	132.8	50.7	35.1
03	RESIDUE – MG	23.2	38.5	18.	10.8
04	ALUMINUM – MG	2.	4.	2.	1.0
005	CALCIUM ↓	4.	8.	2.	1.0
006	CHROMIUM	.01	.02	.01	0.01
007	COPPER	1.0	1.8	.8	0.8
008	IRON	1.0	2.	.3	0.3
009	MAGNESIUM	.5	.5	.05	0.08
010	MANGANESE	.02	.03	.005	0.005
011	MOLYBDENIUM	.	.	.	.
012	NICKEL	.08	.1	.1	0.08
013	LEAD	.08	.1	.08	0.08
014	TITANIUM	.03	.06	.02	0.05
015	VANADIUM	.01	.01	.006	0.004
016	SILICON	4.	6.	3.	2.0
017	OTHERS FOUND	.	.	.	.
018		.	.	.	.
019		.	.	.	.
20		.	.	.	.
21		.	.	.	.
022		.	.	.	.
023		.	.	.	.
024		.	.	.	.
998	(PUNCH)				
999	(PUNCH)				

TECHNICIAN'S SIGNATURE: R... Clark

COMPLETION DATE: 12/15/80

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1980 | FIRST DAY: 01 | STAT. NO.: 004 | LOCATION: SOUTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						8	0	3	2	5			8	2	3	5	0			8	8	4	2	5			8	5	0	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				9	•	3			1	3	4	•	7				4	5	•	0				5	2	•	7							•		
	0	3	R	E	S	I	D	U	E	-	M	G					2	3	•	6				2	9	•	6					8	•	3				1	6	•	2						•			
J	0	4	A	L	U	M	I	N	U	M			-	M	G			2	•						3	•						2	•	0					2	•	0						•			
0	0	5	C	A	L	C	I	U	M									4	•						4	•						2	•	0					2	•	0						•			
0	0	6	C	H	R	O	M	I	U	M									•	0	1					•	0	1				0	•	0	1				0	•	0	1					•			
0	0	7	C	O	P	P	E	R											•	5						•	5					0	•	3					0	•	3						•			
0	0	8	I	R	O	N												1	•						1	•						0	•	3					0	•	4						•			
0	0	9	M	A	G	N	E	S	I	U	M								•	5						•	5					0	•	1					0	•	1						•			
0	1	0	M	A	N	G	A	N	E	S	E								•	0	2					•	0	2				0	•	0	0	5			0	•	0	0	5				•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•							•							•							•			
0	1	2	N	I	C	K	E	L											•	0	2					•	0	2				0	•	0	3				0	•	0	3					•			
0	1	3	L	E	A	D													•	4						•	1					0	•	0	8				0	•	0	8					•			
0	1	4	T	I	T	A	N	I	U	M									•	0	5					•	0	5				0	•	0	6				0	•	0	5					•			
0	1	5	V	A	N	A	D	I	U	M									•	0	1					•	0	1				0	•	0	0	6			0	•	0	0	4				•			
0	1	6	S	I	L	I	C	O	N									4	•						4	•						2	•	0					2	•	0						•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
`	2	0																	•							•							•							•							•			
J	2	1																	•							•							•							•							•			
0	2	2																	•							•							•							•							•			
0	2	3																	•							•							•							•							•			
0	2	4																	•							•							•							•							•			
9	9	8	(	P	U	N	C	H	)																																										
9	9	9	(	P	U	N	C	H	)																																										

TECHNICIAN'S SIGNATURE: P. T. Clark

COMPLETION DATE: 12/15/80

UCN-12660
(1 • 5-78)

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1980 | FIRST DAY: 1030 | STAT. NO.: 005 | LOCATION: WINKEL LAKE

1 2 3	4 5 6 7 8 9 10 11	12 13 14 15	16 17 18	19 20	21 22 23	24 25	26 27 28 29 30	31 32	33 34 35 36 37	38 39 40 41 42 43 44 45 46 47 48 49 50 51
001	VOLUME-FT³			69	8660		48040		25320	
002	TOTAL PART-MG			24	.8		19.0		11.	
003	~~RESIDUE-MG~~	END DATE		1	113		1125		1203	
004	ALUMINUM-MG			.	5		.25		.25	
005	CALCIUM			1	.25		.5		.25	
006	CHROMIUM			.	025		.025		.015	
007	COPPER			.	012		.02		.012	
008	IRON			.	25		.5		.125	
009	MAGNESIUM			.	125		.175		.175	
010	MANGANESE			.	01		.025		.015	
011	MOLYBDENIUM			.			.		.	
012	NICKEL			.	015		.025		.008	
013	LEAD			.	075		.075		.012	
014	TITANIUM			.	05		.025		.025	
015	VANADIUM			.	002		.002		.002	
016	SILICON			.	5		.5		.75	
017	OTHERS FOUND			.			.		.	
018	URANIUM			.	004		.002		.001	
019				.			.		.	
020				.			.		.	
021				.			.		.	
022				.			.		.	
023				.			.		.	
024				.			.		.	
998	(PUNCH)									
999	(PUNCH)									

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 12/29/80

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1980 | FIRST DAY: 1030 | STAT. NO.: 006 | LOCATION: PORTAL 9

1–3	4–11	12–15	16–18	19–20	21–23	24–25	26–30	31–32	33–37	38–41	42–45	46–48	49–51
001	VOLUME-FT³			54	300		43000		34600				
002	TOTAL PART-MG			51	.8		27.8		15.3		.3		.9
003	~~RESIDUE-MG~~	END	DATE	.1	113		.125		.203	.0		.0	
004	ALUMINUM-MG				.75		.5		.5	.0		.0	
005	CALCIUM			1	.0		.75		.5	.0		.0	
006	CHROMIUM				.025		.02		.02	.0		.0	
007	COPPER				.025		.025		.025	.0		.0	
008	IRON				.25		.5		.25	.0		.0	
009	MAGNESIUM				.125		.175		.175	.0		.0	
010	MANGANESE				.01		.025		.015	.0		.0	
011	MOLYBDENIUM				.		.		.	.0		.0	
012	NICKEL				.025		.025		.02	.0		.0	
013	LEAD				.075		.075		.025	.0		.0	
014	TITANIUM				.05		.025		.025	.0		.0	
015	VANADIUM				.002		.002		.005	.0		.0	
016	SILICON				.75		.5		1.25	.0		.0	
017	OTHERS FOUND				.		.		.	.0		.0	
018	URANIUM				.002		.007		.001	.0		.0	
019					.		.		.	.0		.0	
020					.		.		.	.0		.0	
021					.		.		.	.0		.0	
022					.		.		.	.0		.0	
023					.		.		.	.0		.0	
024					.		.		.	.0		.0	
998	(PUNCH)												
999	(PUNCH)												

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. E. Clark

COMPLETION DATE: 12/29/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1980	1030	007	HF TANK FARM

Card cols 1–3	Item (cols 4–16)	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT³	2330	42825	34600		
002	TOTAL PART – MG	14.3	19.0	2.0	.	.
003	~~RESIDUE – MG~~ END DATE	1103	1125	1203	.	.
004	ALUMINUM – MG	.25	.5	.25	.	.
005	CALCIUM	.5	.5	.5	.	.
006	CHROMIUM	.02	.02	.025	.	.
007	COPPER	.025	.02	.008	.	.
008	IRON	.25	.25	.25	.	.
009	MAGNESIUM	.125	.175	.175	.	.
010	MANGANESE	.015	.02	.01	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.25	.02	.005	.	.
013	LEAD	.25	.05	.008	.	.
014	TITANIUM	.05	.025	.025	.	.
015	VANADIUM	.002	.002	.002	.	.
016	SILICON	.5	.5	.5	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.001	.001	.001	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.J. CLARK

COMPLETION DATE: 12/29/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1980	1030	008	K 33

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3							6	5	7	2	0			5	3	5	8	0				7	4	8	5														
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G				2	5	.	0				1	3	.	1					1	.	5						.							.		
0	0	3	~~R~~	~~E~~	~~S~~	~~I~~	~~D~~	~~U~~	~~E~~	~~-~~	~~M~~	~~G~~	END DATE							.	1	1	3					1	1	2	5				1	2	0	3				.							.			
0	0	4	A	L	U	M	I	N	U	M			-	M	G					.	5							.	2	5					.	0	7	5				.							.			
0	0	5	C	A	L	C	I	U	M					↓						.	5							.	5						.	5						.							.			
0	0	6	C	H	R	O	M	I	U	M				↓						.	0	2	5					.	0	2					.	0	2					.							.			
0	0	7	C	O	P	P	E	R												.	0	1	2					.	0	1					.	0	0	5				.							.			
0	0	8	I	R	O	N														.	2	5						.	2	5					.	2	5					.							.			
0	0	9	M	A	G	N	E	S	I	U	M									.	1	2	5					.	1	7	5				.	1	7	5				.							.			
0	1	0	M	A	N	G	A	N	E	S	E									.	0	0	8					.	0	1	5				.	0	1					.							.			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M							.								.							.							.							.			
0	1	2	N	I	C	K	E	L												.	0	0	8					.	0	0	8				.	0	0	2				.							.			
0	1	3	L	E	A	D														.	0	5						.	0	2	5				.	0	0	8				.							.			
0	1	4	T	I	T	A	N	I	U	M										.	0	5						.	0	2	5				.	0	1	5				.							.			
0	1	5	V	A	N	A	D	I	U	M										.	0	0	2					.	0	0	2				.	0	0	2				.							.			
0	1	6	S	I	L	I	C	O	N											.	5							.	5						.	0	5					.							.			
0	1	7	O	T	H	E	R	S		F	O	U	N	D						.								.							.							.							.			
0	1	8	U	R	A	N	I	U	M											.	0	0	1				<	.	0	0	1				<	.	0	0	1				.							.			
0	1	9																		.								.							.							.							.			
0	2	0																		.								.							.							.							.			
0	2	1																		.								.							.							.							.			
0	2	2																		.								.							.							.							.			
0	2	3																		.								.							.							.							.			
0	2	4																		.								.							.							.							.			
9	9	8	(	P	U	N	C	H	)																																													
9	9	9	(	P	U	N	C	H	)																																													

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. CLARK

COMPLETION DATE: 12/29/80

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1980 | FIRST DAY: 1030 | STAT. NO.: 009 | LOCATION: SALVAGE YD

1 2 3	4 5 6 7 8 9 10 11	12 13	14 15	16 17 18	19 20	21 22 23	24 25	26 27 28 29 30	31 32 33	34 35 36 37	38 39 40	41	42 43 44	45 46 47	48	49	50 51
001	VOLUME-FT³				21	800		53550		28350							
002	TOTAL PART-MG				9	.6		21.2		4.5			.			.	
003	~~RESIDUE-MG~~		ENDDATE		1	113		1125		1203		.			.		
004	ALUMINUM		-MG		.	25		.25		.25		.			.		
005	CALCIUM		↓		.	5		.75		.5		.			.		
006	CHROMIUM				.	02		.02		.015		.			.		
007	COPPER				.	012		.012		.012		.			.		
008	IRON				.	075		.25		.25		.			.		
009	MAGNESIUM				.	125		.175		.175		.			.		
010	MANGANESE				.	01		.015		.01		.			.		
011	MOLYBDENIUM				.			.		.		.			.		
012	NICKEL				.	008		.015		.008		.			.		
013	LEAD				.	05		.05		.012		.			.		
014	TITANIUM				.	025		.025		.025		.			.		
015	VANADIUM				.	002		.005		.002		.			.		
016	SILICON				.	25		.125		.05		.			.		
017	OTHERS FOUND				.			.		.		.			.		
018	URANIUM				.	001		.002		.003		.			.		
019					.			.		.		.			.		
020					.			.		.		.			.		
021					.			.		.		.			.		
022					.			.		.		.			.		
023					.			.		.		.			.		
024					.			.		.		.			.		
998	(PUNCH)																
999	(PUNCH)																

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.J. CLARK

COMPLETION DATE: 12/29/80

PARTICULATE AIR DATA

MONTH: 11 NOVEMBER | YEAR: 1980 | FIRST DAY: 1030 | STAT. NO.: 010 | LOCATION: PROPANE FARM

1–3	4–11	12–15	19–20	21–23	26–30	34–37
001	VOLUME-FT³		52	730	39510	6980
002	TOTAL PART-MG		42	.4	30.3	2.5
003	~~RESIDUE-MG~~ END DATE		.1	113	.1125	.1203
004	ALUMINUM	-MG	.	5	.5	.075
005	CALCIUM		.	75	.75	.5
006	CHROMIUM		.	015	.02	.015
007	COPPER		.	075	.5	.025
008	IRON		.	25	.375	.25
009	MAGNESIUM		.	1	.175	.175
010	MANGANESE		.	01	.025	.008
011	MOLYBDENIUM		.		.	
012	NICKEL		.	05	.05	.02
013	LEAD		.	075	.075	.012
014	TITANIUM		.	05	.025	.025
015	VANADIUM		.	005	.005	.001
016	SILICON		.	5	.5	.05
017	OTHERS FOUND		.		.	
018	URANIUM		.	018	.022	.003
019			.		.	
020			.		.	
021			.		.	
022			.		.	
023			.		.	
024			.		.	
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. CLARK

COMPLETION DATE: 12/29/80

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1980	1030	011	K 1420

1 2 3	4 5 6 7 8 9 10 11	12 13	14 15	16 17 18	19 20	21 22 23	24 25	26 27 28 29 30	31 32 33	34 35 36 37	38 39 40	41 42 43 44	45 46 47	48 49 50 51
001	VOLUME-FT	3			49	660		63470		12120				
002	TOTAL PART-		MG		31	.5		29.5		5.1		.		.
003	~~RESIDUE=MG~~	END	DATE		.1	113		.1125		.1203		.		.
004	ALUMINUM		-MG		.5			.5		.075		.		.
005	CALCIUM				.5			.75		.5		.		.
006	CHROMIUM				.015			.02		.015		.		.
007	COPPER				.075			.25		.025		.		.
008	IRON				.25			.25		.25		.		.
009	MAGNESIUM				.1			.175		.175		.		.
010	MANGANESE				.01			.025		.01		.		.
011	MOLYBDENIUM				.			.		.		.		.
012	NICKEL				.05			.05		.02		.		.
013	LEAD				.075			.075		.013		.		.
014	TITANIUM				.05			.025		.02		.		.
015	VANADIUM				.002			.005		.002		.		.
016	SILICON				.5			.5		.025		.		.
017	OTHERS FOUND				.			.		.		.		.
018	URANIUM				.017			.009		.002		.		.
019					.			.		.		.		.
020					.			.		.		.		.
021					.			.		.		.		.
022					.			.		.		.		.
023					.			.		.		.		.
024					.			.		.		.		.
998	(PUNCH)													
999	(PUNCH)													

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.I CLARK

COMPLETION DATE: 12/29/80

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
11 NOVEMBER	1980	1030	012	K 1200

Cols 1–3	Cols 4–18	Cols 19–23	Cols 26–30	Cols 33–37	Col 41	Col 42	Col 48	Col 49
001	VOLUME – FT³	62600	48040	33200				
002	TOTAL PART – MG	38.5	27.2	10.2		.		.
003	~~RESIDUE – MG~~ END DATE	1113	1125	1203	.		.	
004	ALUMINUM – MG	.75	.25	.25	.		.	
005	CALCIUM ↓	.75	.5	.75	.		.	
006	CHROMIUM	.02	.02	.015	.		.	
007	COPPER	.025	.02	.05	.		.	
008	IRON	.25	.25	.5	.		.	
009	MAGNESIUM	.1	.175	.175	.		.	
010	MANGANESE	.01	.025	.01	.		.	
011	MOLYBDENIUM	.	.	.	.		.	
012	NICKEL	.025	.02	.025	.		.	
013	LEAD	.075	.025	.013	.		.	
014	TITANIUM	.05	.025	.025	.		.	
015	VANADIUM	.002	.002	.005	.		.	
016	SILICON	.5	.5	.05	.		.	
017	OTHERS FOUND	.	.	.	.		.	
018	URANIUM	.013	.006	.004	.		.	
019		.	.	.	.		.	
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024		.	.	.	.		.	
998	(PUNCH)							
999	(PUNCH)							

TECHNICIAN'S SIGNATURE: R.L CLARK

COMPLETION DATE: 12/29/80

UCN-12660
(1 5-78)

DATE SERVICE TRIP 11/7/80 BUI ROUTINE ☐ REPORT NO. 891

SPECIAL ☐ REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 10/31/80 – 11/7/80	SAMPLING TIME	RATE ℓ/M	VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.041	.003	.009		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.198	.013	.003		
3	Radio Tower	1400 to 1400	8.5	85.7	.073	.007	.003		
4	Blair Road	1400 to 1400	8.5	85.7	.035	.005	.006		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.001	.003		
6	Cabin	1400 to 1400	8.5	85.7	<.030	<.001	.003		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR J. S. McCall DATE RELEASED 12/12/80

DATE OF SERVICE TRIP 11/14/80 BUILD ROUTINE ☐ SPECIAL ☐ REPORT NO. 892 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 11/7/80 - 11/14/80	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M^3	µg F/M^3	µg U/M^3	µg Cr/M^3		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.035	Samples Lost	Samples Lost		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.187				
3	Radio Tower	1400 to 1400	8.5	85.7	.073				
4	Blair Road	1400 to 1400	8.5	85.7	<.030				
5	Credit Union	1400 to 1400	8.5	85.7	<.030				
6	Cabin	1400 to 1400	8.5	85.7	<.030				

DISTRIBUTION:

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SAMPLED R.L. Clark SUPERVISOR J.S. McCall DATE RELEASED 12/12/80

DATE OF SERVICE TRIP 11/21/80 BUILD ROUTINE ☐ SPECIAL ☐ REPORT NO. 893 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 11/14/80-11/21	SAMPLING TIME	RATE ℓ/M	VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	~~<.030~~ .067	.003	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	.254	.003	.003		
3	Radio Tower	1400 to 1400	8.5	85.7	.131	.002	<.014		
4	Blair Road	1400 to 1400	8.5	85.7	<.030	<.001	<.014		
5	Credit Union	1400 to 1400	8.5	85.7	<.030	.001	<.014		
6	Cabin	1400 to 1400	8.5	85.7	<.030	<.001	<.014		

DISTRIBUTION:

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T. Kwasnoski D. T. DUNCAN

SAMPLED BY R.L. CLARK SUPERVISOR L McCall DATE RELEASED 12/12/80

DATE OF SERVICE TRIP 11/26/80 BUILDING _____ ROUTINE ☐ SPECIAL ☐ REPORT NO. 894 REQUESTED BY _____

SAMPLE NUMBER	SAMPLING LOCATION 11/21 - 11/26	SAMPLING TIME	RATE ℓ/M	VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to 1400	8.5	~~85.7~~ 61.2	<.030	<.001	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	~~85.7~~ 61.2	.094	.001	<.014		
3	Radio Tower	1400 to 1400	8.5	~~85.7~~ 61.2	.053	.002	<.014		
4	Blair Road	1400 to 1400	8.5	~~85.7~~ 61.2	<.030	.002	<.014		
5	Credit Union	1400 to 1400	8.5	~~85.7~~ 61.2	<.030	<.001	<.014		
6	Cabin	1400 to 1400	8.5	~~85.7~~ 61.2	<.030	.002	<.014		
2	Special K-1206-D 11/26 - 12/1	1400 to 1400	8.5	61.2	.094	.61	<.014		

DISTRIBUTION:

E. J. Barber — T. E. Bard

T. Kwasnoski — D. T. DUNCAN

SAMPLED BY R. L. Clark SUPERVISOR E. J. McCall DATE RELEASED 12/12/80

```
11NØVEMBER      1980GASEØUS  FLUØRIDE07
 01K-901 PUMPHØUSE    0.041   0.035   0.067-0.030
002K-1206D TRAILER    0.198   0.187   0.254   0.094
003RADIØ TØWER        0.073   0.073   0.131   0.053
004BLAIR RØAD         0.035-0.030-0.030-0.030
005CREDIT UNIØN      -0.030-0.030-0.030-0.030
006WATTS BAR CABIN   -0.030-0.030-0.030-0.030
998
11NØVEMBER      1980URANIUM          07
001K-901 PUMPHØUSE    0.003           0.003-0.001
002K-1206D TRAILER    0.013           0.003   0.001
003RADIØ TØWER        0.007           0.002   0.002
004BLAIR RØAD         0.005          -0.001   0.002
005CREDIT UNIØN       0.001           0.001-0.001
006WATTS BAR CABIN   -0.001          -0.001   0.002
998
11NØVEMBER      1980CHRØMIUM         07
001K-901 PUMPHØUSE    0.009          -0.014-0.014
 02K-1206D TRAILER    0.003           0.003-0.014
003RADIØ TØWER        0.003          -0.014-0.014
004BLAIR RØAD         0.006          -0.014-0.014
005CREDIT UNIØN       0.003          -0.014-0.014
006WATTS BAR CABIN    0.003          -0.014-0.014
999
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JCN-7230B
(3 5-72)

DATA SHEET (80 column)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1980 | FIRST DAY: 03 | STAT. NO.: 001 | LOCATION: WEST HIVOL

Code (1–3)	Parameter (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME – FT^3	89775	89775	89100	89100	
002	TOTAL PART – MG	50.4	50.4	76.6	63.4	.
003	RESIDUE – MG	19.4	28.9	31.4	19.1	.
004	ALUMINUM – MG	2.	4.	4.	3.	.
J05	CALCIUM	2.	4.	4.	2.	.
006	CHROMIUM	.02	.02	.03	.01	.
007	COPPER	.4	.5	.6	.2	.
008	IRON	.5	.7	.8	1.	.
009	MAGNESIUM	.3	.1	.5	.5	.
010	MANGANESE	.006	.04	.04	.02	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.02	.02	.03	.02	.
013	LEAD	.05	.05	.06	.08	.
014	TITANIUM	.02	.06	.09	.08	.
015	VANADIUM	.005	.008	.008	.008	.
016	SILICON	2.	3.	4.	3.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
J22		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 1/7/81

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1980 | FIRST DAY: 03 | STAT. NO.: 002 | LOCATION: NORTH HIVOL

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3				NO SAMPLE									9	0	4	5	0			9	0	4	5	0			9	3	1	5	0							
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G					•					5	2	•	1				7	5	•	2				6	2	•	0						•		
0	0	3	R	E	S	I	D	U	E	-	M	G							•					3	1	•	5			3	1	•	5				1	5	•	8						•			
0	0	4	A	L	U	M	I	N	U	M			-	M	G				•						4	•						4	•						3	•							•			
0	0	5	C	A	L	C	I	U	M					↓					•						4	•						4	•						1	•							•			
0	0	6	C	H	R	O	M	I	U	M									•							•	0	2					•	0	2					•	0	1					•			
0	0	7	C	O	P	P	E	R											•							•	5						•	5						•	2						•			
0	0	8	I	R	O	N													•							•	8						•	8						•	5						•			
0	0	9	M	A	G	N	E	S	I	U	M								•							•	2						•	4						•	5						•			
0	1	0	M	A	N	G	A	N	E	S	E								•							•	0	5					•	0	4					•	0	2					•			
0	1	1	M	O	L	Y	B	D	E	N	I	U	M						•							•	0	0	5				•							•							•			
0	1	2	N	I	C	K	E	L											•							•	0	2					•	0	2					•	0	3					•			
0	1	3	L	E	A	D													•							•	0	5					•	0	8					•	1						•			
0	1	4	T	I	T	A	N	I	U	M									•							•	0	8					•	0	8					•	0	8					•			
0	1	5	V	A	N	A	D	I	U	M									•							•	0	0	9				•	0	0	9				•	0	0	8				•			
0	1	6	S	I	L	I	C	O	N										•						4	•						4	•						4	•							•			
0	1	7	O	T	H	E	R	S		F	O	U	N	D					•							•							•							•							•			
0	1	8																	•							•							•							•							•			
0	1	9																	•							•							•							•							•			
0	2	0																	•							•							•							•							•			
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 1/7/81

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
12 DECEMBER	1980	03	003	EAST HiVOL

Code	Item	Cols 17–23	Cols 24–30	Cols 31–37	Cols 38–44	Cols 45–51
001	VOLUME – FT³	81000	90450	79650	81000	
002	TOTAL PART – MG	25.3	36.5	73.4	59.6	.
003	RESIDUE – MG	30.0	19.1	33.1	16.8	.
004	ALUMINUM – MG	3.	3.	4.	3.	.
005	CALCIUM	2.	3.	4.	2.	.
006	CHROMIUM	.02	.01	.02	.01	.
007	COPPER	.4	.4	.2	.6	.
008	IRON	.7	1.	.8	.1	.
009	MAGNESIUM	.3	.1	.3	.6	.
010	MANGANESE	.007	.03	.06	.03	.
011	MOLYBDENIUM	.	.004	.	.	.
012	NICKEL	.03	.05	.02	.03	.
013	LEAD	.07	.2	.08	.08	.
014	TITANIUM	.03	.06	.08	.08	.
015	VANADIUM	.006	.008	.008	.008	.
016	SILICON	3.	3.	3.	3.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
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023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

UCN-12660 (5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/7/81

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
12 DECEMBER	1980	03	004	SOUTH HiVOL

Code	Item	17–23	24–30	31–37	38–44	45–51
001	VOLUME – FT³	79650	85725	81000	85050	
002	TOTAL PART – MG	44.7	33.2	73.9	69.0	.
003	RESIDUE – MG	41.4	18.2	29.1	24.3	.
004	ALUMINUM – MG	4.	3.	4.	3.	.
005	CALCIUM ↓	3.	2.	3.	2.	.
006	CHROMIUM	.05	.01	.02	.01	.
007	COPPER	.5	.3	.5	.5	.
008	IRON	1.	.6	1.	1.	.
009	MAGNESIUM	.5	.1	.7	.5	.
010	MANGANESE	.009	.03	.03	.02	.
011	MOLYBDENIUM	.	.002	.	.	.
012	NICKEL	.05	.02	.03	.02	.
013	LEAD	.1	.08	.1	.08	.
014	TITANIUM	.08	.06	.08	.08	.
015	VANADIUM	.01	.008	.008	.008	.
016	SILICON	5.	3.	3.	4.	.
017	OTHERS FOUND	.	.	.	.	.
018		.	.	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 1/7/81

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1980 | FIRST DAY: 03 | STAT. NO.: 005 | LOCATION: WINKEL LAKE

001	VOLUME - FT³	15080	91335		
002	TOTAL PART - MG	66.8	17.8		
003	~~RESIDUE - MG~~ END DATE	1217	1231		
004	ALUMINUM - MG	.25	.25		
005	CALCIUM	.5	.25		
006	CHROMIUM	.025	.01		
007	COPPER	.025	.008		
008	IRON	.25	.125		
009	MAGNESIUM	.175	.125		
010	MANGANESE	.01	.025		
011	MOLYBDENIUM	.	.		
012	NICKEL	.015	.01		
013	LEAD	.125	.012		
014	TITANIUM	.05	.025		
015	VANADIUM	.01	.005		
016	SILICON	.125	.025		
017	OTHERS FOUND	.	.		
018	URANIUM	.001	.001		
019		.	.		
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998	(PUNCH)				
999	(PUNCH)				

UCN-12660 (1 5-78)

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/19/81

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
12 DECEMBER	1980	03	006	PORTAL 9

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
0	0	1	V	O	L	U	M	E	-	F	T	3						5	1	7	0	0			4	7	1	0	0																					
0	0	2	T	O	T	A	L		P	A	R	T	-	M	G			3	1	.	7				3	3	.	5						.							.							.		
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9	9	9	(	P	U	N	C	H	)																																										

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 1/19/81

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1980 | FIRST DAY: 03 | STAT. NO.: 007 | LOCATION: HF TANK FARM

001	VOLUME-FT³	28995	29770		
002	TOTAL PART-MG	5	.5		
003	~~RESIDUE-MG~~ END DATE	2117	2231		
004	ALUMINUM-MG	.25	.025		
005	CALCIUM	.5	.125		
006	CHROMIUM	.015	.005		
007	COPPER	.012	.002		
008	IRON	.2	.05		
009	MAGNESIUM	.175	.075		
010	MANGANESE	.01	.01		
011	MOLYBDENIUM	.	.		
012	NICKEL	.008	.002		
013	LEAD	.075	.002		
014	TITANIUM	.025	.015		
015	VANADIUM	.002	.002		
016	SILICON	.125	.025		
017	OTHERS FOUND	.	.		
018	URANIUM	.001	.001		
019		.	.		
020		.	.		
021		.	.		
022		.	.		
023		.	.		
024		.	.		
998	(PUNCH)				
999	(PUNCH)				

TECHNICIAN'S SIGNATURE: R. C. Clark

COMPLETION DATE: 1/19/81

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
12 DECEMBER	1980	03	008	K 33

1	2	3	4–11	12–15	16–20	21–23	24–25	26–30
0	0	1	VOLUME-FT³		50	325		65370
0	0	2	TOTAL PART-MG		25	.3		18.5
0	0	3	~~RESIDUE-MG~~	END DATE		1217		1231
0	0	4	ALUMINUM -MG			.25		.075
0	0	5	CALCIUM			.5		.5
0	0	6	CHROMIUM			.015		.005
0	0	7	COPPER			.025		.005
0	0	8	IRON			.25		.125
0	0	9	MAGNESIUM			.175		.125
0	1	0	MANGANESE			.01		.025
0	1	1	MOLYBDENIUM			.		.
0	1	2	NICKEL			.075		.002
0	1	3	LEAD			.075		.012
0	1	4	TITANIUM			.05		.025
0	1	5	VANADIUM			.01		.002
0	1	6	SILICON			.175		.05
0	1	7	OTHERS FOUND			.		.
0	1	8	URANIUM			.001		.001
0	1	9				.		.
0	2	0				.		.
0	2	1				.		.
0	2	2				.		.
0	2	3				.		.
0	2	4				.		.
9	9	8	(PUNCH)					
9	9	9	(PUNCH)					

UCN-12660
(1 5-78)

TECHNICIAN'S SIGNATURE: R.L Clark

COMPLETION DATE: 1/19/81

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
12 DECEMBER	1980	03	009	SALVAGE YD

Code (1–3)	Item (4–16)	17–23	24–30	31–37	38–44	45–51
001	VOLUME – FT³	47110	760			
002	TOTAL PART – MG	18.3	1.9	.	.	.
003	~~RESIDUE – MG~~ END DATE	1217	1231	.	.	.
004	ALUMINUM – MG	.25	.05	.	.	.
005	CALCIUM ↓	.75	.5	.	.	.
006	CHROMIUM	.025	.005	.	.	.
007	COPPER	.025	.005	.	.	.
008	IRON	.5	.075	.	.	.
009	MAGNESIUM	.175	.125	.	.	.
010	MANGANESE	.008	.008	.	.	.
011	MOLYBDENIUM	.	.	.	.	.
012	NICKEL	.015	.002	.	.	.
013	LEAD	.05	.005	.	.	.
014	TITANIUM	.05	.005	.	.	.
015	VANADIUM	.01	.002	.	.	.
016	SILICON	.175	.1	.	.	.
017	OTHERS FOUND	.	.	.	.	.
018	URANIUM	.001	.001	.	.	.
019		.	.	.	.	.
020		.	.	.	.	.
021		.	.	.	.	.
022		.	.	.	.	.
023		.	.	.	.	.
024		.	.	.	.	.
998	(PUNCH)					
999	(PUNCH)					

TECHNICIAN'S SIGNATURE: R. Clark

COMPLETION DATE: 1/19/81

UCN-12660
(1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1980 | FIRST DAY: 03 | STAT. NO.: 010 | LOCATION: DRODANE FARM

Col. 1–3	Col. 4–11	Col. 19–20	Col. 21–23	Col. 26–30	Col. 34	Col. 41	Col. 48
001	VOLUME-FT³	35	510	30510			
002	TOTAL PART-MG	37	.2	25.7			
003	~~RESIDUE-MG~~ END DATE	1	217	1231			
004	ALUMINUM-MG	.	5	.125			
005	CALCIUM	.	75	.5			
006	CHROMIUM	.	015	.01			
007	COPPER	.	5	.025			
008	IRON	.	25	.125			
009	MAGNESIUM	.	075	.175			
010	MANGANESE	.	005	.01			
011	MOLYBDENIUM	.		.			
012	NICKEL	.	05	.025			
013	LEAD	.	075	.05			
014	TITANIUM	.	05	.025			
015	VANADIUM	.	01	.005			
016	SILICON	.	25	.1			
017	OTHERS FOUND	.		.			
018	URANIUM	.	008	.003			
019		.		.			
020		.		.			
021		.		.			
022		.		.			
023		.		.			
024		.		.			
998	(PUNCH)						
999	(PUNCH)						

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 1/19/81

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH: 12 DECEMBER | YEAR: 1980 | FIRST DAY: 03 | STAT. NO.: 011 | LOCATION: K 1420

001	VOLUME-FT3	77390	55910
002	TOTAL PART-MG	42.6	32.7
003	~~RESIDUE-MG~~ END DATE	12/17	1231
004	ALUMINUM-MG	.5	.25
005	CALCIUM	1.75	.5
006	CHROMIUM	.015	.02
007	COPPER	.075	.025
008	IRON	.25	.125
009	MAGNESIUM	.175	.125
010	MANGANESE	.005	.01
011	MOLYBDENIUM	.	.
012	NICKEL	.025	.025
013	LEAD	.125	.075
014	TITANIUM	.05	.025
015	VANADIUM	.01	.005
016	SILICON	.25	.075
017	OTHERS FOUND	.	.
018	URANIUM	.004	.006
019		.	.
020		.	.
021		.	.
022		.	.
023		.	.
024		.	.
998	(PUNCH)		
999	(PUNCH)		

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 1/19/81

UCN-12660 (1 5-78)

PARTICULATE AIR DATA

MONTH	YEAR	FIRST DAY	STAT. NO.	LOCATION
12 DECEMBER	1980	03	012	K 1200

1 2 3	4 5 6 7 8 9 10 11	12 13	14 15	16	17 18	19 20	21 22 23	24 25	26 27 28 29 30	31 32 33	34 35 36 37	38 39 40	41 42 43 44	45 46 47	48 49 50 51
001	VOLUME-FT³					78	100		57300						
002	TOTAL PART-MG					29	.8		26.7						
003	~~RESIDUE-MG~~ END DATE					.			1231						
004	ALUMINUM		-MG			.	625		.125						
005	CALCIUM					1.	75		.5						
006	CHROMIUM					.	025		.01						
007	COPPER					.	05		.025						
008	IRON					.	5		.125						
009	MAGNESIUM					.	175		.125						
010	MANGANESE					.	01		.01						
011	MOLYBDENIUM					.			.						
012	NICKEL					.	025		.01						
013	LEAD					.	125		.05						
014	TITANIUM					.	05		.025						
015	VANADIUM					.	01		.005						
016	SILICON					.	25		.05						
017	OTHERS FOUND					.			.						
018	URANIUM					.	003		.003						
019						.			.						
020						.			.						
021						.			.						
022						.			.						
023						.			.						
024						.			.						
998	(PUNCH)														
999	(PUNCH)														

TECHNICIAN'S SIGNATURE: R. L. Clark

COMPLETION DATE: 1/19/81

UCN-12660
(1 5-78)

DATE OF SERVICE TRIP 12/2/80 BUILD ROUTINE ☐ SPECIAL ☐ REPORT NO. 895 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION	SAMPLING TIME	SAMPLING RATE ℓ/M	SAMPLING VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse 11/26 - 12/2	1400 to	8.5	~~85.7~~	.082	<.001	<.014		
		1400		73.4					
2	K-1206-D Trailer 11/26 - 12/1	1400 to	8.5	~~85.7~~	.094	.61	<.014		
	REPORTED ALSO ON REPORT #894.	1400		61.2					
3	Radio Tower 11/26 - 12/2	1400 to	8.5	~~85.7~~	.078	<.001	<.014		
		1400		73.4					
4	Blair Road 11/26 - 12/2	1400 to	8.5	~~85.7~~	.058	.076	<.014		
		1400		73.4					
5	Credit Union 11/26 - 12/2	1400 to	8.5	~~85.7~~	.048	.011	<.014		
		1400		73.4					
6	Cabin 11/26 - 12/2	1400 to	8.5	~~85.7~~	<.030	<.001	<.014		
		1400		73.4					
						DISTRIBUTION:			
						E. J. Barber		T. E. Bard	
						T. Kwasnoski		D. T. DUNCAN	

SAMPLED BY R. L. Clark SUPERVISOR L. McCall DATE RELEASED 12/12/80

DATE OF SERVICE TRIP _____ BUILDING _____ ROUTINE ■ SPECIAL ☐ REPORT NO. _____ REQUESTED BY _____

WIND VANE SAMPLES

SAMPLE NUMBER	SAMPLING ~~LOCATION~~ DATES	HRS. (END)	SAMPLING TIME Min.	RATE CFM	VOLUME m^3	F (µg)	F (µg/m³)		DATE RELEASED	
7-118	3/28/80 – 5/2/80	4888.2	5568	0.3	47.3	33	0.698			
8-82	3/28/80 – 5/2/80	3681.7	6006	0.3	51.0	8.8	0.172			
7-119	5/2/80 – 7/3/80	5043.5	9306	0.3	79.0	55	0.696			
8-83	5/2/80 – 7/3/80	3816.8	8106	0.3	68.9	16.5	0.239			
7-120	7/3/80 – 9/19/80	5229.4	11,154	0.3	94.8	45	0.475			
8-84	7/3/80 – 9/19/80	3964.0	8832	0.3	75.0	22.5	0.3		JH Sullivan	
										10-6-80
7-121	9/19/80 – 12/5/80	5417.1	11,262	0.3	95.7	35	.366	~~special µg/m³~~ <0.001		
8-85	9/19/80 – 12/5/80	4121.0	9,420	0.3	80.0	6.5	.081	0.084	JJ McCall	1/5/81

SAMPLED: R. L. Clark SUPERVISOR: J. McCall DATE RELEASED: 1/23/80

DATE ( ) VICE TRIP 12/12/80 BUI ( ) ROUTINE ☐ SPECIAL ☐ REPORT NO. 896 ( ) REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 12/2/80 — 12/12/80	SAMPLING TIME	RATE ℓ/M	VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to 1400	8.5	122.4 ~~85.7~~ 17	.063	<.001	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	122.4 ~~85.7~~	.265 ~~.063~~	.011	<.014		
3	Radio Tower	1400 to 1400	8.5	122.4 ~~85.7~~	.177 ~~.265~~	.001	<.014		
4	Blair Road	1400 to 1400	8.5	122.4 ~~85.7~~	.045	<.001	<.014		
5	Credit Union	1400 to 1400	8.5	122.4 ~~85.7~~	.033	<.001	<.014		
6	Cabin	1400 to 1400	8.5	122.4 ~~85.7~~	.031	<.001	<.014		

DISTRIBUTION:

E. J. Barber — T. E. Bard

T. Kwasnoski — D. T. DUNCAN

SAMPLED BY R.L. Clark SUPERVISOR J.S. McCall DATE RELEASED 1/13/81

DATE OF SERVICE TRIP 12/14/80 BUILDING ROUTINE ☐ SPECIAL ☐ REPORT NO. 897 REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 12/12/80 - 12/19/80	SAMPLING TIME	RATE ℓ/M	VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to 1400	8.5	85.7	.038	.008	<0.014		
2	K-1206-D Trailer	1400 to 1400	8.5	85.7	LOST	SAMPLE			
3	Radio Tower	1400 to 1400	8.5	85.7	.067	.005	<.014		
4	Blair Road	1400 to 1400	8.5	85.7	.030	.012	<0.014		
5	Credit Union	1400 to 1400	8.5	85.7	LOST	SAMPLE			
6	Cabin	1400 to 1400	8.5	85.7	<.030	.003	<0.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED R. L. Clark SUPERVISOR J. McCall DATE RELEASED 1/13/81

DATE ( ) VICE TRIP 12/24/80 BUI ( ) ROUTINE ☐ SPECIAL ☐ REPORT NO. 898 ( ) REQUESTED BY

SAMPLE NUMBER	SAMPLING LOCATION 12/19/80 - 12/24/80	SAMPLING TIME	RATE ℓ/M	VOLUME M³	µg F/M³	µg U/M³	µg Cr/M³		
1	K-901 Pumphouse	1400 to 1400	8.5	~~85.7~~ 61.2	<.040	.007	<.014		
2	K-1206-D Trailer	1400 to 1400	8.5	~~85.7~~ 61.2	LOST SAMPLE				
3	Radio Tower	1400 to 1400	8.5	~~85.7~~ 61.2	.049	<.001	<.014		
4	Blair Road	1400 to 1400	8.5	~~85.7~~ 61.2	<.040	<.001	<.014		
5	Credit Union	1400 to 1400	8.5	~~85.7~~ 61.2	LOST SAMPLE				
6	Cabin	1400 to 1400	8.5	~~85.7~~ 61.2	<.040	<.001	<.014		

DISTRIBUTION:

E. J. Barber T. E. Bard

T. Kwasnoski D. T. DUNCAN

SAMPLED SUPERVISOR J S McCall DATE RELEASED 1/13/81

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12DECEMBER      1980GASEØUS  FLUØRIDE02
 01K-901 PUMPHØUSE     0.082  0.063  0.038-0.040
002K-1206D TRAILER     0.09   0.265
003RADIØ TØWER         0.078  0.147  0.067  0.049
004BLAIR RØAD          0.058  0.045  0.030-0.040
005CREDIT UNIØN        0.048  0.033
006WATTS BAR CABIN    -0.030  0.031-0.030-0.040
007WIND VANE B         0.366
008WIND VANE P         0.081
998
12DECEMBER      1980URANIUM          02
001K-901 PUMPHØUSE    -0.001-0.001  0.008  0.007
002K-1206D TRAILER     0.61   0.011
003RADIØ TØWER        -0.001  0.001  0.005-0.001
004BLAIR RØAD          0.076-0.001  0.012-0.001
005CREDIT UNIØN        0.011-0.001
006WATTS BAR CABIN    -0.001-0.001  0.003-0.001
998
12DECEMBER      1980CHRØMIUM         02
001K-901 PUMPHØUSE    -0.014-0.014-0.014-0.014
002K-1206D TRAILER    -0.014-0.014
003RADIØ TØWER        -0.014-0.014-0.014-0.014
004BLAIR RØAD         -0.014-0.014-0.014-0.014
005CREDIT UNIØN       -0.014-0.014
006WATTS BAR CABIN    -0.014-0.014-0.014-0.014
99
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DATA SHEET (80 column)

CN-7230
3 5-72)