AFPC Rock Check Program

Sample No. 2014-08

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	30	1.50	0.120
Other (describe)	102			
Method Group 100		30	1.50	0.12
P_2O_5				
Gravimetric AFPC IX.3.B	201	4	29.16	0.154
ICP-inducted coupled plasma AFPC IX.3.D	202	5	28.98	0.119
Photometric-AFPC IX.3.C	203	19	29.05	0.125
Automated -AOAC 978.01-15th	204	9	29.04	0.026
Other(describe)	205	1	29.36	0.000
Method Group 200		38	29.05	0.12
P_2O_5 (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	4	29.47	0.177
ICP-inducted coupled plasma AFPC IX.3.D	212	5	29.45	0.101
Photometric-AFPC IX.3.C	213	12	29.57	0.186
Automated -AOAC 978.01-15th	214	9	29.48	0.136
Other(describe)	215			
Method Group 210		30	29.48	0.18
Fe_2O_3				
Atomic Absorption-AFPC IX.6.B	301	2	0.58	0.047
ICP-inducted coupled plasma-AFPC IX.6.C	302	31	0.59	0.248
Other(describe)	303	3	0.71	0.026
Method Group 300		36	0.60	0.23
Al_2O_3				
Atomic Absorption-AFPC IX.7.B	401	2	0.26	0.014
ICP-inducted coupled plasma-AFPC IX.7.C	402	31	0.36	0.028
Other(describe)	403	3	0.42	0.015
Method Group 400		36	0.36	0.04
MgO				
Atomic Absorption-AFPC IX.8.A	501	4	0.63	0.023
ICP-inducted coupled plasma-AFPC IX.8.B	502	28	0.66	0.016
Other(describe)	503	3	0.65	0.022
Method Group 500		35	0.66	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	23	2.14	0.343
Other(describe)	602	4	2.40	0.276
Method Group 600		27	2.18	0.37
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	12	6.95	0.224
Other(describe)	652	9	7.33	3.071
Method Group 650		21	7.03	0.35
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-inducted coupled plasma-AFPC IX.12.D	702	20	47.94	0.458
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	47.47	0.022
EDTA Volumetric-AFPC IX.12.C	705	5	48.38	0.306
Other(describe)	706	10	48.19	0.490
Method Group 700		37	48.11	0.51
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-inducted coupled plasma-AFPC IX.12.D	712	13	48.72	0.208
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	2	48.10	0.092
EDTA Volumetric-AFPC IX.12.C	715	5	49.01	0.254
Other(describe)	716	9	48.88	0.363
Method Group 710		28	48.85	0.40

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	20	3.43	0.054
Oher(describe)	803	3	3.33	0.071
Method Group 800		23	3.42	0.07
Arsenic, As				
Atomic Absorption	911	1	0.9	0.00
ICP-inducted coupled plasma-AFPC IX.15.B	912	12	16.9	2.34
Other(describe)	913	2	17.2	0.75
Method Group 900		15	16.2	2.20
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	27	0.0
ICP-inducted coupled plasma-AFPC IX.11.B	922	15	31	3.7
Other(describe)	923	1	32	0.0
Method Group 910		17	31	3.6
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	6	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	932	13	4	2.3
Other(describe)	933	1	7	0.0
Method Group 920		15	5	2.3
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941	1	0.1	0.00
ICP-inducted coupled plasma-AFPC IX.16.A	942	4	0.2	0.33
Other(describe)	943	1	0.7	0.00
Method Group 930		6	0.3	0.37
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	128	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	952	12	9	1.8
Other(describe)	953	1	10	0.0
Method Group 940		14	9	2.1
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	16	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	962	12	20	2.3
Other(describe)	963	3	23	5.2
Method Group 950		16	20	2.6
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	1	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	972	15	3	2.3
Other(describe)	973	1	3	0.0
Method Group 960		17	3	2.4
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981	1	28	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	982	5	3	1.1
Other(describe)	983	1	5	0.0
Method Group 970		7	5	1.8
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	211	0
ICP-inducted coupled plasma-AFPC IX.16.A	992	14	258	27
Other(describe)	993	3	254	3
Method Group 980		18	254	18

101	Ground Sample AFPC IX.2.A	
Lab	%	H_2O
26	1.97	-3.843
21	1.72	-1.807
16	1.67	-1.392
21	1.67	-1.392
16	1.66	-1.309
Std Dev	1.62	-1.000
6	1.62	-0.976
6	1.61	-0.893
61	1.61	-0.852
49	1.60	-0.810
266	1.60	-0.810
10	1.59	-0.727
10	1.58	-0.644
24	1.56	-0.478
15	1.51	-0.062
13	1.51	-0.021
Median	1.50	0.000
35	1.50	0.021
55	1.50	0.021
9	1.49	0.145
13	1.48	0.187
55	1.48	0.229
15	1.47	0.270
275	1.45	0.436
24	1.44	0.519
9	1.40	0.852
61	1.39	0.976
Std Dev	1.38	1.000
35	1.30	1.683
275	1.29	1.766
241	1.12	3.179
77	1.00	4.176
77	1.00	4.176

102	Other (describe)	
Lab	%	H_2O
Median	0.00	0.000

201	Gravimetric AFPC IX.3.B	
Lab	%	P2O5
55	29.50	-2.193
Std Dev	29.32	-1.000
241	29.20	-0.211
Median	29.16	0.000
77	29.13	0.211
Std Dev	29.01	1.000
55	28.87	1.900

202	ICP-inducted coupled plasma AFPC IX.3.D	
Lab	%	P2O5
266	31.74	-23.115
Std Dev	29.10	-1.000
10	29.03	-0.419
10	28.98	0.000
Median	28.98	0.000
16	28.87	0.921
Std Dev	28.86	1.000
16	28.78	1.675

203	Photometric-AFPC IX.3.C	
Lab	%	P2O5
275	29.44	-3.160
35	29.30	-2.040
275	29.19	-1.160
Std Dev	29.17	-1.000
49	29.16	-0.920
9	29.16	-0.880
61	29.15	-0.840
78	29.11	-0.480
45	29.10	-0.440
26	29.06	-0.080
9	29.05	0.000
78	29.05	0.000
Median	29.05	0.000
270	29.02	0.184
92	29.00	0.360
45	28.99	0.440
92	28.98	0.520
6	28.93	0.920
Std Dev	28.92	1.000
6	28.85	1.560
61	28.85	1.560
35	27.37	13.400

204	Automated -AOAC 978.01-15th	
Lab	%	P2O5
24	29.13	-3.446
24	29.08	-1.340
Std Dev	29.07	-1.000
15	29.06	-0.766
15	29.06	-0.574
13	29.04	0.000
Median	29.04	0.000
77	29.03	0.383
13	29.03	0.574
Std Dev	29.01	1.000
21	28.58	17.611
21	28.53	19.526

205	Other(describe)	
Lab	%	P2O5
19	29.36	0.000
Median	29.36	0.000

211	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	dB
55	29.95		-2.672
Std Dev	29.65		-1.000
241	29.53		-0.286
Median	29.47		0.000
77	29.42		0.286
55	29.30		0.973

212	ICP-inducted coupled plasma AFPC IX.3.D		
Lab	%	P2O5	dB
266	32.26		-27.723
Std Dev	29.55		-1.000
10	29.50		-0.472
10	29.45		0.000
Median	29.45		0.000
16	29.36		0.868
Std Dev	29.35		1.000
16	29.27		1.801

213	Photometric-AFPC IX.3.C		
Lab	%	P2O5	dB
275	29.87		-1.652
Std Dev	29.75		-1.000
35	29.75		-0.970
26	29.64		-0.386
49	29.63		-0.369
9	29.59		-0.156
275	29.57		-0.032
Median	29.57		0.000
61	29.56		0.032
9	29.46		0.580
6	29.41		0.854
Std Dev	29.38		1.000
6	29.32		1.306
61	29.32		1.314
35	27.73		9.849

214	Automated -AOAC 978.01-15th		
Lab	%	P2O5	dB
24	29.56		-0.583
24	29.54		-0.437
15	29.51		-0.215
15	29.49		-0.090
13	29.48		0.000
Median	29.48		0.000
13	29.47		0.057
Std Dev	29.34		1.000
77	29.32		1.125
21	29.08		2.911
21	29.01		3.394

215	Other(describe)		
Lab	%	P2O5	dB
Median	0.00		0.000

301	Atomic Absorption-AFPC IX.6.B	
Lab	%	Fe2O3
55	0.64	-1.340
Std Dev	0.62	-1.000
Median	0.58	0.000
Std Dev	0.53	1.000
241	0.51	1.340

302	ICP-inducted coupled plasma-AFPC IX.6.C	
Lab	%	Fe2O3
61	0.76	-0.665
266	0.74	-0.605
61	0.71	-0.484
35	0.70	-0.443

35	0.67	-0.322
78	0.66	-0.282
15	0.66	-0.262
78	0.66	-0.262
15	0.65	-0.242
45	0.64	-0.202
45	0.63	-0.161
6	0.60	-0.040
270	0.60	-0.040
275	0.60	-0.040
6	0.59	0.000
92	0.59	0.000
Median	0.59	0.000
92	0.58	0.040
275	0.58	0.040
24	0.54	0.202
24	0.53	0.242
49	0.36	0.927
9	0.35	0.967
Std Dev	0.34	1.000
9	0.32	1.088
10	0.32	1.088
10	0.31	1.128
16	0.31	1.128
21	0.31	1.128
13	0.31	1.149
16	0.30	1.169
21	0.30	1.169
13	0.29	1.209

303 Other(describe)

Lab	%	Fe2O3
77	0.72	-0.383
77	0.71	0.000
Median	0.71	0.000
Std Dev	0.68	1.000
19	0.65	2.297

401 Atomic Absorption-AFPC IX.6.B

Lab	%	Al2O3
241	0.28	-1.340
Std Dev	0.28	-1.000
Median	0.26	0.000
Std Dev	0.25	1.000
55	0.25	1.340

402 ICP-inducted coupled plasma-AFPC IX.6.C

Lab	%	Al2O3
266	0.49	-4.645
61	0.44	-2.859
35	0.43	-2.501
78	0.41	-1.787
78	0.41	-1.787
35	0.40	-1.429
Std Dev	0.39	-1.000
92	0.38	-0.715
15	0.38	-0.536
15	0.37	-0.357
45	0.37	-0.357
61	0.37	-0.357
92	0.37	-0.357
9	0.36	0.000
45	0.36	0.000
49	0.36	0.000
275	0.36	0.000
Median	0.36	0.000
9	0.35	0.357
24	0.35	0.357
275	0.35	0.357
270	0.35	0.536
10	0.34	0.715
16	0.34	0.715
24	0.34	0.715
Std Dev	0.33	1.000
10	0.33	1.072
16	0.33	1.072
21	0.32	1.608
13	0.31	1.965
13	0.30	2.144
21	0.30	2.323
6	0.28	2.859
6	0.28	2.859

403 Other(describe)

Lab	%	Al2O3
77	0.43	-0.670
77	0.42	0.000
Median	0.42	0.000
Std Dev	0.41	1.000
19	0.39	2.010

501 Atomic Absorption-AFPC IX.8.A

Lab	%	MgO
55	0.68	-2.118
Std Dev	0.65	-1.000
35	0.64	-0.389
Median	0.63	0.000
241	0.62	0.389
35	0.61	0.908

502 ICP-inducted coupled plasma-AFPC IX.8.B

Lab	%	MgO
61	0.73	-4.729
16	0.68	-1.576
45	0.68	-1.576
49	0.68	-1.576
Std Dev	0.67	-1.000
10	0.67	-0.946
10	0.67	-0.946
21	0.67	-0.946
45	0.67	-0.946
13	0.66	-0.315
16	0.66	-0.315
78	0.66	-0.315
78	0.66	-0.315
266	0.66	-0.315
15	0.66	0.000
15	0.66	0.000
21	0.66	0.000
Median	0.66	0.000
6	0.65	0.315
6	0.65	0.315
9	0.65	0.315
13	0.65	0.315
24	0.65	0.315
9	0.65	0.631
24	0.64	0.946
61	0.64	0.946
Std Dev	0.64	1.000
92	0.57	5.360
92	0.56	5.991
275	0.56	5.991
270	0.50	9.900

503 Other(describe)

Lab	%	MgO
77	0.68	-1.340
Std Dev	0.67	-1.000
19	0.65	0.000
Median	0.65	0.000
Std Dev	0.63	1.000
77	0.62	1.340

601 Insoluble-AFPC IX.4.A

Lab	%	Al
55	2.65	-1.486
Std Dev	2.48	-1.000
15	2.44	-0.859
15	2.40	-0.757
49	2.29	-0.437
13	2.28	-0.408
16	2.26	-0.350
16	2.23	-0.262
10	2.22	-0.233
10	2.22	-0.233
9	2.19	-0.146
13	2.18	-0.102
9	2.14	0.000
Median	2.14	0.000
55	1.96	0.524
24	1.95	0.568
6	1.93	0.612
24	1.91	0.670
Std Dev	1.80	1.000
45	1.79	1.020
35	1.78	1.049
26	1.77	1.078
21	1.73	1.194
35	1.72	1.223
21	1.70	1.296
45	1.53	1.777

602 Other(describe)

Lab	%	Al
266	3.11	-2.571
Std Dev	2.68	-1.000

6	2.40	0.000
19	2.40	0.000
Median	2.40	0.000
Std Dev	2.12	1.000
275	1.63	2.789

651	Gasometric-AFPC IX.13.B	
Lab	%	CO2
24	7.23	-1.273
49	7.23	-1.273
Std Dev	7.17	-1.000
9	7.13	-0.826
24	7.12	-0.759
6	7.03	-0.380
9	7.02	-0.335
Median	6.95	0.000
6	6.87	0.335
77	6.85	0.424
13	6.83	0.536
13	6.80	0.648
Std Dev	6.72	1.000
15	6.20	3.328
15	6.19	3.372

652	Other(describe)	
Lab	%	CO2
35	12.40	-1.651
35	12.20	-1.586
78	11.06	-1.213
78	10.80	-1.128
Std Dev	10.40	-1.000
275	7.33	0.000
Median	7.33	0.000
55	7.30	0.010
275	6.94	0.127
266	6.65	0.221
55	6.36	0.316

701	Gravimetric sulfate-AFPC IX.12.A	
Lab	%	CaO
Median	0.00	0.000

702	ICP-inducted coupled plasma-AFPC IX.12.D	
Lab	%	CaO
61	51.33	-7.390
45	48.77	-1.812
78	48.74	-1.747
78	48.68	-1.616
45	48.47	-1.157
Std Dev	48.40	-1.000
21	48.38	-0.950
21	48.35	-0.895
9	48.16	-0.480
10	48.11	-0.371
6	47.94	0.000
9	47.94	0.000
Median	47.94	0.000
6	47.93	0.022
16	47.83	0.240
49	47.83	0.240
10	47.81	0.284
16	47.71	0.502
92	47.53	0.895
Std Dev	47.48	1.000
92	46.90	2.271
61	46.80	2.500
270	46.57	2.985

703	Ceric Sulfate volumetric-AFPC IX.12.B	
Lab	%	CaO
Median	0.00	0.000

704	Permanganate	
Lab	%	CaO
55	47.50	-1.340
Std Dev	47.49	-1.000
Median	47.47	0.000
Std Dev	47.45	1.000
241	47.44	1.340

705	EDTA Volumetric-AFPC IX.12.C	
Lab	%	CaO
266	50.93	-8.334
Std Dev	48.69	-1.000
35	48.64	-0.850
275	48.38	0.000
Median	48.38	0.000
275	48.23	0.490
35	48.08	0.980

706	Other(describe)		
Lab	%	CaO	
19	49.48	-2.634	
77	48.70	-1.041	
Std Dev	48.68	-1.000	
77	48.65	-0.939	
24	48.49	-0.613	
13	48.21	-0.031	
Median	48.19	0.000	
24	48.18	0.031	
15	48.00	0.398	
15	47.94	0.510	
13	47.80	0.796	
Std Dev	47.70	1.000	
55	40.52	15.661	

711	Gravimetric sulfate-AFPC IX.12.A		
Lab	%	CaO	dB
Median	0.00		0.000

712	ICP-inducted coupled plasma-AFPC IX.12.D		
Lab	%	CaO	dB
61	52.16		-16.582
21	49.22		-2.419
21	49.17		-2.176
Std Dev	48.93		-1.000
9	48.89		-0.803
10	48.88		-0.785
6	48.72		-0.025
6	48.72		0.000
Median	48.72		0.000
16	48.64		0.394
9	48.62		0.475
49	48.61		0.537
10	48.58		0.659
16	48.52		0.958
Std Dev	48.51		1.000
61	47.45		6.102

713	Ceric Sulfate volumetric-AFPC IX.12.B		
Lab	%	CaO	dB
Median	0.00		0.000

714	Permanganate		
Lab	%	CaO	dB
55	48.22		-1.340
Std Dev	48.19		-1.000
Median	48.10		0.000
Std Dev	48.01		1.000
241	47.98		1.340

715	EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO	dB
266	51.76		-10.789
35	49.28		-1.055
Std Dev	49.27		-1.000
275	49.01		0.000
Median	49.01		0.000
275	48.94		0.285
35	48.81		0.786

716	Other(describe)		
Lab	%	CaO	dB
24	49.26		-1.046
Std Dev	49.24		-1.000
77	49.19		-0.863
77	49.14		-0.724
13	48.93		-0.139
24	48.88		0.000
Median	48.88		0.000
15	48.73		0.408
15	48.66		0.616
13	48.53		0.960
Std Dev	48.52		1.000
55	41.13		21.366

801	Volumetric-AFPC IX.14.A	
Lab	%	Fluorine, F
Median	0.00	0.000

802	Specific Ion Electrode-AFPC IX.14.B	
Lab	%	Fluorine, F
6	3.79	-6.608
35	3.58	-2.726
55	3.57	-2.541
9	3.50	-1.155

Std Dev	3.49	-1.000
266	3.48	-0.878
9	3.47	-0.693
15	3.47	-0.601
15	3.45	-0.231
49	3.44	-0.139
13	3.44	-0.046
Median	3.43	0.000
275	3.43	0.046
26	3.42	0.323
13	3.41	0.416
21	3.41	0.416
270	3.40	0.601
275	3.40	0.601
35	3.39	0.786
Std Dev	3.38	1.000
21	3.35	1.525
24	3.33	1.894
24	3.28	2.819

803 Oher(describe)

Lab	%	Fluorine, F
77	3.36	-0.423
77	3.33	0.000
Median	3.33	0.000
Std Dev	3.26	1.000
19	3.17	2.257

911 Atomic Absorption-AFPC

Lab	ppm	Arsenic, As
55	0.9	0.000
Median	0.9	0.000

912 ICP-inducted coupled plasma-AFPC IX.15.B

Lab	ppm	Arsenic, As
266	24.0	-3.055
61	19.8	-1.239
Std Dev	19.2	-1.000
61	18.9	-0.895
6	18.4	-0.662
78	17.9	-0.427
270	17.5	-0.278
Median	16.9	0.000
77	16.2	0.278
24	16.0	0.363
24	15.5	0.598
78	15.3	0.684
Std Dev	14.5	1.000
35	14.0	1.218
35	13.0	1.645

913 Other(describe)

Lab	ppm	Arsenic, As
13	18.2	-1.340
Std Dev	17.9	-1.000
Median	17.2	0.000
Std Dev	16.5	1.000
77	16.2	1.340

921 Atomic Absorption-AFPC IX.11.A

Lab	ppm	Cadmium, Cd
55	27	0.000
Median	27	0.000

922 ICP-inducted coupled plasma-AFPC IX.11.B

Lab	ppm	Cadmium, Cd
61	38	-1.788
Std Dev	35	-1.000
77	35	-0.974
77	34	-0.707
78	33	-0.460
78	33	-0.324
266	32	-0.254
270	32	-0.120
6	31	0.000
Median	31	0.000
61	31	0.116
275	29	0.654
275	28	0.921
24	28	0.974
Std Dev	28	1.000
24	26	1.495
35	25	1.695
35	25	1.695

923 Other(describe)

Lab	ppm	Cadmium, Cd
13	32	0.000
Median	32	0.000

931 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Cobalt, Co
55	6	0.000
Median	6	0.000

932 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Cobalt, Co
78	7	-1.322
78	7	-1.322
Std Dev	6	-1.000
270	6	-0.815
35	5	-0.441
24	5	-0.287
266	5	-0.220
35	4	0.000
275	4	0.000
Median	4	0.000
24	4	0.088
61	2	0.899
61	2	0.943
77	2	0.970
77	2	0.970

933 Other(describe)

Lab	ppm	Cobalt, Co
13	7	0.000
Median	7	0.000

941 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Mercury, Hg
55	0.1	0.000
Median	0.1	0.000

942 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Mercury, Hg
35	0.6	-1.041
Std Dev	0.6	-1.000
35	0.5	-0.614
Median	0.2	0.000
266	0.0	0.614
270	0.0	0.638

943 Other(describe)

Lab	ppm	Mercury, Hg
13	0.7	0.000
Median	0.7	0.000

951 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Iolybdenum, Mo
55	128	0.000
Median	128	0.000

952 ICP-inducted coupled plasma-AFPC IX.16..

Lab	ppm	Iolybdenum, Mo
266	11	-1.363
61	11	-1.278
Std Dev	10	-1.000
61	9	-0.193
78	9	-0.170
270	9	-0.142
78	9	-0.114
Median	9	0.000
24	8	0.114
24	8	0.142
Std Dev	7	1.000
275	7	1.136
275	6	1.249
77	6	1.760
77	5	1.817

953 Other(describe)

Lab	ppm	Iolybdenum, Mo
13	10	0.000
Median	10	0.000

961 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Nickel, Ni
55	16	0.000
Median	16	0.000

962 ICP-inducted coupled plasma-AFPC IX.16..

Lab	ppm	Nickel, Ni
266	34	-6.069
61	25	-2.348
Std Dev	22	-1.000
77	21	-0.443

77	21	-0.443
61	21	-0.357
78	20	0.000
270	20	0.000
Median	20	0.000
78	19	0.443
35	18	0.886
24	18	0.930
Std Dev	18	1.000
24	18	1.019
35	17	1.329

963	Other(describe)	
Lab	ppm	Nickel, Ni
19	34	-2.206
Std Dev	28	-1.000
13	23	0.000
Median	23	0.000
6	20	0.474

971	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Lead, Pb
55	1	0.000
Median	1	0.000

972	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Lead, Pb
266	55	-22.747
61	6	-1.286
35	5	-1.046
35	5	-1.046
Std Dev	5	-1.000
61	5	-0.893
6	4	-0.806
270	3	-0.283
77	3	0.000
Median	3	0.000
77	2	0.087
275	2	0.131
275	2	0.174
24	1	0.567
24	1	0.632
78	1	0.697
78	1	0.697

973	Other(describe)	
Lab	ppm	Lead, Pb
13	3	0.000
Median	3	0.000

981	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Selenium, Se
55	28	0.000
Median	28	0.000

982	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Selenium, Se
266	6	-2.828
61	5	-1.303
Std Dev	4	-1.000
61	3	0.000
Median	3	0.000
77	3	0.037
77	3	0.129

983	Other(describe)	
Lab	ppm	Selenium, Se
13	5	0.000
Median	5	0.000

991	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Zinc, Zn
55	211	0.000
Median	211	0.000

992	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
61	308	-1.833
266	300	-1.555
24	286	-1.026
Std Dev	285	-1.000
24	282	-0.902
61	269	-0.415
6	261	-0.107
78	259	-0.019
Median	258	0.000
78	258	0.019
77	251	0.259
77	244	0.518
270	243	0.574
Std Dev	231	1.000
35	209	1.814
275	204	2.018
35	1	9.507

993	Other(describe)	
Lab	ppm	Zinc, Zn
13	255	-0.179
19	254	0.000
Median	254	0.000
Std Dev	251	1.000
19	247	2.501