

AFPC Rock Check Program

Sample No. 2014-07

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	29	0.73	0.153
Other (describe)	102	1	0.84	
Method Group 100		30	0.74	0.15
P₂O₅				
Gravimetric AFPC IX.3.B	201	4	30.03	0.108
ICP-induced coupled plasma AFPC IX.3.D	202	5	30.11	0.071
Photometric-AFPC IX.3.C	203	20	30.10	0.285
Automated -AOAC 978.01-15th	204	11	30.16	0.188
Other(describe)	205	1	29.90	0.000
Method Group 200		41	30.11	0.19
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	3	30.27	0.092
ICP-induced coupled plasma AFPC IX.3.D	212	4	30.37	0.072
Photometric-AFPC IX.3.C	213	12	30.33	0.261
Automated -AOAC 978.01-15th	214	11	30.42	0.183
Other(describe)	215			
Method Group 210		30	30.34	0.17
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	4	1.16	0.043
ICP-induced coupled plasma-AFPC IX.6.C	302	27	1.21	0.056
Other(describe)	303	3	1.48	0.090
Method Group 300		34	1.21	0.08
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	2	1.02	0.056
ICP-induced coupled plasma-AFPC IX.7.C	402	27	1.11	0.051
Other(describe)	403	3	1.61	0.104
Method Group 400		32	1.11	0.06
MgO				
Atomic Absorption-AFPC IX.8.A	501	6	0.48	0.013
ICP-induced coupled plasma-AFPC IX.8.B	502	26	0.47	0.003
Other(describe)	503	3	0.47	0.037
Method Group 500		35	0.47	0.01
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	23	8.99	0.226
Other(describe)	602	2	5.65	2.724
Method Group 600		25	8.99	0.26
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	13	4.06	0.179
Other(describe)	652	7	4.51	1.623
Method Group 650		20	4.11	0.25
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	19	44.49	0.442
Ceric Sulfate volumetric-AFPC IX.12.B	703	1	41.66	0.000
Permanganate	704	2	44.52	0.034
EDTA Volumetric-AFPC IX.12.C	705	4	44.03	0.256
Other(describe)	706	12	44.82	0.141
Method Group 700		38	44.55	0.50
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	13	44.89	0.164
Ceric Sulfate volumetric-AFPC IX.12.B	713	1	41.81	0.000
Permanganate	714	2	44.83	0.002
EDTA Volumetric-AFPC IX.12.C	715	4	44.26	0.323
Other(describe)	716	9	45.24	0.128
Method Group 710		29	44.91	0.45

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	21	3.54	0.071
Other (describe)	803	3	3.65	0.101
Method Group 800		24	3.54	0.08
Arsenic, As				
Atomic Absorption	911	1	0.8	0.00
ICP-induced coupled plasma-AFPC IX.15.B	912	9	8.1	1.68
Other(describe)	913	3	7.5	3.30
Method Group 900		13	7.5	3.40
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	2	7	3.0
ICP-induced coupled plasma-AFPC IX.11.B	922	12	3	0.3
Other(describe)	923	1	3	0.0
Method Group 910		15	3	0.2
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	1	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	12	4	0.4
Other(describe)	933	1	5	0.0
Method Group 920		14	4	0.5
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941	1		0.00
ICP-induced coupled plasma-AFPC IX.16.A	942	3	0.2	0.66
Other (describe)	943	1	0.3	0.00
Method Group 930		5	0.2	0.11
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	2	0.0
ICP-induced coupled plasma-AFPC IX.16.A	952	8	5	1.0
Other (describe)	953	1	6	0.0
Method Group 940		10	5	1.2
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	17	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	12	15	2.2
Other (describe)	963	3	24	4.4
Method Group 950		16	17	2.3
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	2	10	3.0
ICP-induced coupled plasma-AFPC IX.16.A	972	10	13	6.9
Other (describe)	973	1	13	0.0
Method Group 960		13	13	6.6
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981	1	13	0.0
ICP-induced coupled plasma-AFPC IX.16.A	982	3	0	1.1
Other (describe)	983	1	4	0.0
Method Group 970		5	3	2.5
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	2	59	3
ICP-induced coupled plasma-AFPC IX.16.A	992	12	59	18
Other (describe)	993	3	59	9
Method Group 980		17	59	17

101 Ground Sample AFPC IX.2.A		
Lab	%	H ₂ O
75	0.90	-1.079
Std Dev	0.88	-1.000
24	0.88	-0.980
13	0.88	-0.948
13	0.88	-0.948
10	0.84	-0.719
24	0.84	-0.719
26	0.84	-0.719
75	0.84	-0.686
16	0.81	-0.523
241	0.81	-0.523
55	0.77	-0.261
10	0.76	-0.196
15	0.76	-0.196
16	0.75	-0.131
21	0.73	0.000
Median	0.73	0.000
9	0.73	0.033
21	0.71	0.131
9	0.71	0.163
15	0.70	0.196
49	0.70	0.196
6	0.68	0.327
275	0.63	0.654
275	0.62	0.719
30	0.60	0.850
Std Dev	0.58	1.000
35	0.46	1.752
35	0.41	2.092
27	0.35	2.484
77	0.25	3.138
77	0.14	3.857

102 Other (describe)		
Lab	%	H ₂ O
69	0.84	0.000
Median	0.84	0.000

201 Gravimetric AFPC IX.3.B		
Lab	%	P2O5
77	30.47	-4.066
Std Dev	30.14	-1.000

55	30.04	-0.092
Median	30.03	0.000
241	30.02	0.092
65	29.95	0.739

202 ICP-induced coupled plasma AFPC IX.3.D		
Lab	%	P2O5
16	30.28	-2.468
Std Dev	30.18	-1.000
16	30.17	-0.917
10	30.11	0.000
Median	30.11	0.000
10	30.08	0.423
6	30.06	0.705

203 Photometric-AFPC IX.3.C		
Lab	%	P2O5
45	30.65	-1.933
69	30.49	-1.371
45	30.40	-1.054
Std Dev	30.38	-1.000
35	30.37	-0.949
9	30.29	-0.668
49	30.28	-0.633
9	30.26	-0.562
35	30.20	-0.351
33	30.18	-0.281
6	30.13	-0.105
Median	30.10	0.000
92	30.07	0.105
92	30.06	0.141
30	30.05	0.176
275	29.92	0.633
26	29.91	0.685
275	29.89	0.738
Std Dev	29.82	1.000
27	29.76	1.195
60	29.45	2.285
78	26.92	11.194
78	26.77	11.704

204 Automated -AOAC 978.01-15th		
Lab	%	P2O5
77	30.53	-1.990

15	30.41	-1.327
13	30.36	-1.061
Std Dev	30.34	-1.000
15	30.28	-0.637
24	30.22	-0.345
13	30.16	0.000
Median	30.16	0.000
21	30.11	0.239
24	30.08	0.398
75	30.05	0.584
75	30.02	0.716
Std Dev	29.97	1.000
21	29.97	1.008

205 Other(describe)		
Lab	%	P2O5
19	29.90	0.000
Median	29.90	0.000

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
77	30.51	-2.594	
Std Dev	30.37	-1.000	
55	30.27	0.000	
Median	30.27	0.000	
241	30.27	0.086	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
16	30.53	-2.236	
Std Dev	30.44	-1.000	
16	30.40	-0.435	
Median	30.37	0.000	
10	30.34	0.435	
10	30.33	0.515	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
69	30.75	-1.599	
Std Dev	30.59	-1.000	
35	30.51	-0.691	
9	30.51	-0.669	
49	30.49	-0.624	
9	30.48	-0.577	

6	30.34	-0.023
Median	30.33	0.000
35	30.32	0.023
30	30.23	0.379
26	30.16	0.658
275	30.11	0.844
275	30.08	0.971
Std Dev	30.07	1.000
27	29.86	1.782

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
13	30.62	-1.103	
15	30.62	-1.084	
77	30.61	-1.014	
Std Dev	30.60	-1.000	
15	30.51	-0.468	
24	30.48	-0.300	
13	30.42	0.000	
Median	30.42	0.000	
24	30.35	0.405	
21	30.33	0.524	
75	30.30	0.674	
75	30.29	0.711	
Std Dev	30.24	1.000	
21	30.19	1.290	

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

301 Atomic Absorption-AFPC IX.6.B		
Lab	%	Fe2O3
55	1.26	-2.447
Std Dev	1.20	-1.000
33	1.16	-0.117
Median	1.16	0.000
60	1.15	0.117
Std Dev	1.11	1.000
30	1.06	2.214

302 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Fe2O3
78	1.39	-3.243

78	1.34	-2.432
35	1.31	-1.892
15	1.28	-1.261
15	1.27	-1.081
75	1.26	-1.037
Std Dev	1.26	-1.000
75	1.26	-0.968
6	1.24	-0.631
49	1.23	-0.450
21	1.22	-0.180
9	1.21	-0.090
13	1.21	-0.090
16	1.21	-0.090
13	1.21	0.000
Median	1.21	0.000
9	1.20	0.090
10	1.20	0.090
16	1.20	0.090
45	1.20	0.090
10	1.19	0.270
45	1.19	0.270
92	1.16	0.811
21	1.16	0.901
Std Dev	1.15	1.000
69	1.14	1.171
92	1.13	1.351
24	1.09	2.162
24	1.07	2.432
35	1.01	3.513

303 Other(describe)		
Lab	%	Fe2O3
77	1.52	-0.447
77	1.48	0.000
Median	1.48	0.000
Std Dev	1.39	1.000
19	1.28	2.233

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
30	1.09	-1.340
Std Dev	1.07	-1.000
Median	1.02	0.000
Std Dev	0.96	1.000

55	0.94	1.340
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402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
78	1.43	-6.124
78	1.39	-5.443
69	1.25	-2.722
35	1.22	-2.138
24	1.17	-1.069
Std Dev	1.16	-1.000
24	1.16	-0.972
21	1.16	-0.875
75	1.15	-0.833
92	1.15	-0.778
92	1.13	-0.389
75	1.13	-0.326
9	1.11	0.000
45	1.11	0.000
49	1.11	0.000
Median	1.11	0.000
9	1.10	0.194
45	1.10	0.194
6	1.10	0.292
10	1.09	0.389
16	1.09	0.389
35	1.09	0.389
10	1.08	0.583
15	1.08	0.583
15	1.08	0.583
16	1.08	0.583
13	1.07	0.778
13	1.07	0.778
Std Dev	1.06	1.000
21	1.05	1.166

403 Other(describe)		
Lab	%	Al2O3
77	1.65	-0.383
77	1.61	0.000
Median	1.61	0.000
Std Dev	1.51	1.000
19	1.37	2.297

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
27	0.63	-11.869
Std Dev	0.49	-1.000
30	0.48	-0.383
35	0.48	-0.383
Median	0.48	0.000
35	0.47	0.383
Std Dev	0.46	1.000
33	0.46	1.149
60	0.45	2.297

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
16	0.49	-7.147
13	0.49	-5.360
16	0.48	-3.573
24	0.48	-3.573
13	0.48	-1.787
78	0.48	-1.787
Std Dev	0.47	-1.000
9	0.47	0.000
9	0.47	0.000
10	0.47	0.000
10	0.47	0.000
10	0.47	0.000
15	0.47	0.000
15	0.47	0.000
21	0.47	0.000
24	0.47	0.000
45	0.47	0.000
49	0.47	0.000
78	0.47	0.000
92	0.47	0.000
92	0.47	0.000
Median	0.47	0.000
Std Dev	0.47	1.000
6	0.47	1.787
21	0.47	1.787
45	0.46	3.573
55	0.46	3.573
75	0.45	6.887
75	0.45	7.183
69	0.42	19.653

503 Other(describe)		
Lab	%	MgO
77	0.54	-1.876
Std Dev	0.51	-1.000
19	0.47	0.000
Median	0.47	0.000
77	0.44	0.804

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
55	10.10	-4.917
35	9.30	-1.373
Std Dev	9.22	-1.000
24	9.20	-0.908
16	9.18	-0.842
16	9.17	-0.797
49	9.15	-0.709
45	9.13	-0.620
10	9.04	-0.221
24	9.03	-0.177
35	9.02	-0.133
9	8.99	0.000
10	8.99	0.000
Median	8.99	0.000
15	8.96	0.133
9	8.94	0.244
15	8.90	0.421
30	8.88	0.487
45	8.87	0.532
13	8.81	0.820
13	8.78	0.930
26	8.78	0.952
Std Dev	8.76	1.000
21	8.73	1.174
6	8.68	1.373
21	8.54	1.993

602 Other(describe)		
Lab	%	Al
19	9.30	-1.340
Std Dev	8.37	-1.000
Median	5.65	0.000
Std Dev	2.93	1.000
69	2.00	1.340

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
77	4.22	-0.893
6	4.19	-0.698
9	4.14	-0.447
9	4.14	-0.447
13	4.13	-0.391
15	4.08	-0.112
15	4.06	0.000
Median	4.06	0.000
49	4.00	0.335
24	4.00	0.363
13	3.90	0.893
Std Dev	3.88	1.000
24	3.84	1.256
30	3.79	1.508
69	3.32	4.160

652 Other(describe)		
Lab	%	CO2
35	7.68	-1.953
35	7.68	-1.953
Std Dev	6.13	-1.000
78	4.51	0.000
78	4.51	0.000
Median	4.51	0.000
55	4.21	0.185
275	3.63	0.542
275	3.49	0.628

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

702 ICP-induced coupled plasma-AFPC IX.12.D		
Lab	%	CaO
69	48.05	-8.069
78	45.13	-1.460
16	45.06	-1.302
16	44.96	-1.075
Std Dev	44.93	-1.000
49	44.65	-0.373
75	44.64	-0.349

78	44.63	-0.317
9	44.58	-0.215
9	44.56	-0.158
75	44.49	0.000
Median	44.49	0.000
10	44.47	0.045
10	44.46	0.068
6	44.33	0.351
21	44.17	0.724
Std Dev	44.04	1.000
92	43.94	1.234
21	43.90	1.324
92	43.63	1.935
45	43.54	2.139
45	43.12	3.090

703 Ceric Sulfate volumetric-AFPC IX.12.B			
Lab	%	CaO	
27	41.66	0.000	
Median	41.66	0.000	

704 Permanganate			
Lab	%	CaO	
30	44.56	-1.340	
Std Dev	44.55	-1.000	
Median	44.52	0.000	
Std Dev	44.48	1.000	
241	44.47	1.340	

705 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	
275	44.32	-1.135	
Std Dev	44.29	-1.000	
275	44.16	-0.509	
Median	44.03	0.000	
35	43.90	0.509	
Std Dev	43.77	1.000	
35	43.73	1.174	

706 Other(describe)			
Lab	%	CaO	
77	45.50	-4.863	
77	45.20	-2.733	
Std Dev	44.96	-1.000	

13	44.93	-0.816	
24	44.88	-0.461	
13	44.84	-0.177	
15	44.83	-0.106	
Median	44.82	0.000	
19	44.80	0.106	
15	44.79	0.213	
55	44.76	0.390	
Std Dev	44.67	1.000	
24	44.54	1.988	
60	44.15	4.721	
33	43.44	9.762	

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

712 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	dB
69	48.46	-21.803	
16	45.40	-3.137	
16	45.33	-2.690	
Std Dev	45.05	-1.000	
75	45.01	-0.783	
49	44.96	-0.476	
9	44.91	-0.115	
75	44.89	0.000	
Median	44.89	0.000	
9	44.87	0.094	
10	44.84	0.275	
10	44.80	0.557	
Std Dev	44.72	1.000	
6	44.63	1.546	
21	44.48	2.479	
21	44.22	4.054	

713 Ceric Sulfate volumetric-AFPC IX.12.B			
Lab	%	CaO	dB
27	41.81	0.000	
Median	41.81	0.000	

714 Permanganate			
Lab	%	CaO	dB
241	44.83	-1.340	

Std Dev	44.83	-1.000	
Median	44.83	0.000	
Std Dev	44.83	1.000	
30	44.83	1.340	

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
275	44.60	-1.061	
Std Dev	44.58	-1.000	
275	44.44	-0.549	
Median	44.26	0.000	
35	44.08	0.549	
Std Dev	43.93	1.000	
35	43.93	1.006	

716 Other(describe)			
Lab	%	CaO	dB
77	45.61	-2.962	
Std Dev	45.36	-1.000	
13	45.33	-0.711	
24	45.28	-0.334	
77	45.26	-0.216	
13	45.24	0.000	
Median	45.24	0.000	
15	45.17	0.489	
Std Dev	45.11	1.000	
55	45.11	1.006	
15	45.10	1.058	
24	44.91	2.534	

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	
69	3.69	-2.186	
21	3.68	-1.975	
49	3.64	-1.481	
Std Dev	3.61	-1.000	
35	3.60	-0.917	
35	3.59	-0.776	
30	3.58	-0.635	
9	3.58	-0.564	

13	3.55	-0.141
13	3.55	-0.141
21	3.54	-0.071
6	3.54	0.000
24	3.54	0.000
Median	3.54	0.000
24	3.52	0.282
9	3.50	0.564
15	3.50	0.564
26	3.49	0.705
27	3.47	0.917
55	3.47	0.917
Std Dev	3.46	1.000
15	3.40	1.904
75	3.34	2.821
75	3.24	4.232

803 Other(describe)		
Lab	%	Fluorine, F
77	3.66	-0.099
19	3.65	0.000
Median	3.65	0.000
Std Dev	3.55	1.000
77	3.39	2.581

911 Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As
55	0.8	0.000
Median	0.8	0.000

912 ICP-induced coupled plasma-AFPC IX.15.B		
Lab	ppm	Arsenic, As
6	11.8	-2.174
Std Dev	9.8	-1.000
69	9.6	-0.893
24	9.3	-0.685
24	9.2	-0.655
78	8.1	0.000
Median	8.1	0.000
35	7.0	0.655
35	7.0	0.655
Std Dev	6.4	1.000
78	4.7	2.025
77	0.8	4.348

913 Other(describe)		
Lab	ppm	Arsenic, As
13	9.6	-0.650
33	7.5	0.000
Median	7.5	0.000
Std Dev	4.2	1.000
77	0.8	2.030

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
55	11	-1.340
Std Dev	10	-1.000
Median	7	0.000
Std Dev	4	1.000
33	3	1.340

922 ICP-induced coupled plasma-AFPC IX.11.B		
Lab	ppm	Cadmium, Cd
78	5	-4.943
78	4	-4.154
Std Dev	3	-1.000
75	3	-0.893
6	3	-0.596
24	3	-0.298
35	3	0.000
35	3	0.000
75	3	0.000
Median	3	0.000
69	3	0.298
Std Dev	3	1.000
24	2	1.787
77	2	2.978
77	2	2.978

923 Other(describe)		
Lab	ppm	Cadmium, Cd
13	3	0.000
Median	3	0.000

931 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Cobalt, Co
55	1	0.000
Median	1	0.000

932 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Cobalt, Co
78	7	-7.479
78	7	-7.479
6	5	-1.620
69	5	-1.247
Std Dev	4	-1.000
24	4	-0.623
35	4	0.000
35	4	0.000
75	4	0.000
75	4	0.000
77	4	0.000
77	4	0.000
Median	4	0.000
24	4	0.125

933 Other(describe)		
Lab	ppm	Cobalt, Co
13	5	0.000
Median	5	0.000

941 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Mercury, Hg
55	0.0	0.000
Median	0.0	0.000

942 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Mercury, Hg
69	1.9	-2.574
Std Dev	0.9	-1.000
35	0.2	0.000
Median	0.2	0.000
35	0.1	0.106

943 Other(describe)		
Lab	ppm	Mercury, Hg
13	0.3	0.000
Median	0.3	0.000

951 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Molybdenum, Mo
55	2	0.000

Median	2	0.000
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952 ICP-induced coupled plasma-AFPC IX.16.		
Lab	ppm	Iolybdenum, Mo
69	6	-0.609
6	6	-0.463
24	6	-0.414
78	5	-0.024
Median	5	0.000
78	5	0.024
24	4	0.804
Std Dev	4	1.000
77	4	1.243
77	3	2.217

953 Other(describe)		
Lab	ppm	Iolybdenum, Mo
13	6	0.000
Median	6	0.000

961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni
55	17	0.000
Median	17	0.000

962 ICP-induced coupled plasma-AFPC IX.16.		
Lab	ppm	Nickel, Ni
69	18	-1.145
75	18	-1.145
Std Dev	17	-1.000
6	17	-0.916
75	17	-0.916
77	16	-0.458
77	15	0.000
78	15	0.000
Median	15	0.000
24	14	0.252
24	14	0.412
78	14	0.458
35	13	0.916
35	13	0.916

963 Other(describe)		
Lab	ppm	Nickel, Ni

19	31	-1.590
Std Dev	28	-1.000
19	24	0.000
Median	24	0.000
Std Dev	20	1.000
13	19	1.090

971	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Lead, Pb
33	14	-1.340
Std Dev	13	-1.000
Median	10	0.000
Std Dev	7	1.000
55	6	1.340

972	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Lead, Pb
6	17	-0.529
77	16	-0.435
77	15	-0.290
69	15	-0.261
35	14	-0.145
Median	13	0.000
35	12	0.145
78	6	0.949
Std Dev	6	1.000
78	5	1.094
24	4	1.253
24	3	1.427

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

981	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Selenium, Se
55	13	0.000
Median	13	0.000

982	ICP-induc coupled plasma-AFPC IX.16.A	
Lab	ppm	Selenium, Se
69	3	-2.680
Std Dev	1	-1.000

77	0	0.000
77	0	0.000
Median	0	0.000

983	Other(describe)	
Lab	ppm	Selenium, Se
13	4	0.000
Median	4	0.000

991	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Zinc, Zn
60	63	-1.340
Std Dev	62	-1.000
Median	59	0.000
Std Dev	56	1.000
55	55	1.340

992	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
24	81	-1.254
Std Dev	76	-1.000
24	76	-0.950
78	68	-0.491
78	66	-0.406
75	63	-0.207
75	62	-0.150
Median	59	0.000
6	56	0.150
69	51	0.474
77	43	0.899
35	42	0.956
Std Dev	41	1.000
77	41	1.012
35	40	1.069

993	Other(describe)	
Lab	ppm	Zinc, Zn
19	66	-0.874
13	59	0.000
Median	59	0.000
Std Dev	50	1.000
19	43	1.806