

AFPC Rock Check Program

Sample No. 2018-10

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	28	0.65	0.132
Other (describe)	102	1	0.70	
Method Group 100		29	0.66	0.12
P₂O₅				
Gravimetric AFPC IX.3.B	201	4	29.33	0.927
ICP-induced coupled plasma AFPC IX.3.D	202			
Photometric-AFPC IX.3.C	203	21	29.40	0.134
Automated -AOAC 978.01-15th	204	9	29.57	0.131
Other(describe)	205	5	29.30	0.164
Method Group 200		39	29.41	0.19
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	29.63	0.104
ICP-induced coupled plasma AFPC IX.3.D	212			
Photometric-AFPC IX.3.C	213	15	29.59	0.152
Automated -AOAC 978.01-15th	214	9	29.63	0.134
Other(describe)	215	3	29.51	0.084
Method Group 210		29	29.62	0.17
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	1	1.00	0.000
ICP-induced coupled plasma-AFPC IX.6.C	302	28	1.07	0.078
Other(describe)	303	7	1.20	0.123
Method Group 300		36	1.07	0.10
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	1	1.18	0.000
ICP-induced coupled plasma-AFPC IX.7.C	402	28	1.33	0.120
Other(describe)	403	7	1.80	0.354
Method Group 400		36	1.36	0.18
MgO				
Atomic Absorption-AFPC IX.8.A	501	1	0.40	0.000
ICP-induced coupled plasma-AFPC IX.8.B	502	28	0.41	0.016
Other(describe)	503	7	0.41	0.018
Method Group 500		36	0.41	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	20	12.99	0.160
Other(describe)	602	3	13.08	0.101
Method Group 600		23	13.01	0.15
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	15	3.09	0.267
Other(describe)	652	11	3.84	1.050
Method Group 650		26	3.33	0.53
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	21	42.79	0.459
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	1	43.07	0.000
EDTA Volumetric-AFPC IX.12.C	705			
Other(describe)	706	12	42.82	0.565
Method Group 700		34	42.79	0.49
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	15	43.07	0.400
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	1	43.30	0.000
EDTA Volumetric-AFPC IX.12.C	715			
Other(describe)	716	9	43.04	0.463
Method Group 710		24	43.06	0.44

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	25	3.35	0.123
Other (describe)	803	5	3.43	0.137
Method Group 800		30	3.35	0.13
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	13	9.6	1.04
Other(describe)	913	2	18.8	7.28
Method Group 900		15	9.6	1.49
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	16	3	0.7
Other(describe)	923	3	7	1.1
Method Group 910		19	3	0.8
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	11	18	8.3
Other(describe)	933	3	2	1.1
Method Group 920		14	13	9.7
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	2	0.1	0.07
Other(describe)	943	5	0.9	42.81
Method Group 930		7	0.2	21.69
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	9	23	9.0
Other(describe)	953	1	19	0.0
Method Group 940		10	21	7.6
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	12	23	4.9
Other(describe)	963	4	26	3.0
Method Group 950		16	24	4.5
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	13	18	4.0
Other(describe)	973	3	12	0.7
Method Group 960		16	15	5.6
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	3	9	3.4
Other(describe)	983	2	2	1.4
Method Group 970		5	4	6.6
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991			
ICP-induced coupled plasma-AFPC IX.16.A	992	12	44	8
Other(describe)	993	5	44	6
Method Group 980		17	44	9

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	
52	0.83	-1.340	
21	0.82	-1.227	
26	0.80	-1.114	
21	0.80	-1.076	
Std Dev	0.78	-1.000	
69	0.78	-0.925	
55	0.77	-0.887	
20	0.76	-0.812	
10	0.73	-0.585	
10	0.73	-0.585	
13	0.72	-0.472	
24	0.71	-0.396	
13	0.69	-0.283	
24	0.67	-0.094	
9	0.66	-0.019	
Median	0.65	0.000	
9	0.65	0.019	
35	0.63	0.170	
15	0.62	0.283	
75	0.61	0.359	
15	0.58	0.547	
77	0.58	0.547	
75	0.57	0.623	
30	0.53	0.925	
Std Dev	0.52	1.000	
49	0.50	1.151	
275	0.50	1.151	
49	0.49	1.265	
275	0.44	1.604	
35	0.23	3.190	
77	0.10	4.171	

102 Other (describe)			
Lab	%	H ₂ O	
20	0.70	0.000	
Median	0.70	0.000	

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
55	29.54	-0.224	
56	29.35	-0.013	
Median	29.33	0.000	

77	29.32	0.013	
Std Dev	28.41	1.000	
65	24.65	5.055	

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
Median	0.00	0.000	

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
51	29.66	-1.936	
51	29.63	-1.712	
49	29.57	-1.266	
49	29.55	-1.117	
Std Dev	29.53	-1.000	
35	29.52	-0.893	
275	29.51	-0.819	
21	29.47	-0.521	
9	29.46	-0.409	
30	29.42	-0.149	
21	29.41	-0.074	
9	29.40	0.000	
Median	29.40	0.000	
35	29.39	0.074	
92	29.39	0.074	
92	29.38	0.149	
10	29.37	0.223	
275	29.33	0.521	
Std Dev	29.27	1.000	
10	29.20	1.489	
78	29.19	1.601	
78	29.13	2.010	
26	28.96	3.276	
52	28.72	5.062	

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
77	29.60	-0.268	
13	29.59	-0.191	
13	29.59	-0.153	
15	29.59	-0.153	
15	29.57	0.000	
Median	29.57	0.000	
Std Dev	29.43	1.000	

24	29.43	1.072	
75	29.41	1.187	
24	29.27	2.297	
75	29.14	3.293	

205 Other(describe)			
Lab	%	P2O5	
56	29.54	-1.462	
69	29.47	-1.035	
Std Dev	29.46	-1.000	
20	29.30	0.000	
Median	29.30	0.000	
20	29.25	0.305	
Std Dev	29.14	1.000	
19	28.85	2.741	

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
55	29.77	-1.340	
Std Dev	29.73	-1.000	
Median	29.63	0.000	
Std Dev	29.53	1.000	
77	29.49	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
Median	0.00	0.000	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
49	29.72	-0.822	
21	29.71	-0.780	
35	29.71	-0.747	
49	29.69	-0.660	
9	29.65	-0.355	
21	29.65	-0.342	
275	29.64	-0.307	
9	29.59	0.000	
Median	29.59	0.000	
10	29.59	0.052	
30	29.58	0.113	
275	29.48	0.768	
35	29.46	0.897	
Std Dev	29.44	1.000	

10	29.41	1.181	
26	29.19	2.639	
52	28.96	4.175	

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
13	29.80	-1.298	
13	29.79	-1.204	
15	29.77	-1.036	
Std Dev	29.76	-1.000	
15	29.74	-0.807	
77	29.63	0.000	
Median	29.63	0.000	
24	29.62	0.057	
75	29.59	0.304	
Std Dev	29.50	1.000	
24	29.47	1.174	
75	29.30	2.452	

215 Other(describe)			
Lab	%	P2O5	dB
69	29.70	-2.294	
Std Dev	29.59	-1.000	
20	29.51	0.000	
Median	29.51	0.000	
20	29.47	0.386	

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
55	1.00	0.000	
Median	1.00	0.000	

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
49	1.33	-3.350	
35	1.26	-2.457	
35	1.18	-1.436	
78	1.18	-1.436	
78	1.18	-1.372	
275	1.16	-1.180	
275	1.15	-1.053	
Std Dev	1.15	-1.000	
69	1.15	-0.989	
51	1.10	-0.415	

92	1.10	-0.415
15	1.09	-0.287
15	1.09	-0.223
9	1.07	-0.032
51	1.07	-0.032
Median	1.07	0.000
49	1.07	0.032
10	1.06	0.096
13	1.06	0.096
92	1.06	0.096
9	1.06	0.160
10	1.05	0.223
13	1.05	0.287
21	1.03	0.479
21	1.02	0.606
Std Dev	0.99	1.000
75	0.97	1.278
75	0.95	1.472
24	0.94	1.691
24	0.92	1.946
52	0.74	4.180

303 Other(describe)		
Lab	%	Fe2O3
77	1.30	-0.845
77	1.26	-0.520
56	1.20	-0.032
65	1.20	0.000
Median	1.20	0.000
19	1.11	0.698
Std Dev	1.07	1.000
20	1.02	1.429
20	1.00	1.592

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
55	1.18	0.000
Median	1.18	0.000

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
78	1.95	-5.194
78	1.95	-5.152
35	1.63	-2.535

35	1.60	-2.285
51	1.50	-1.454
51	1.48	-1.288
92	1.45	-1.039
92	1.45	-1.039
Std Dev	1.45	-1.000
275	1.42	-0.789
275	1.38	-0.457
75	1.36	-0.313
24	1.36	-0.249
75	1.35	-0.168
49	1.34	-0.125
Median	1.33	0.000
10	1.31	0.125
24	1.31	0.125
9	1.31	0.166
52	1.30	0.208
9	1.29	0.291
10	1.29	0.291
69	1.29	0.291
13	1.29	0.332
21	1.28	0.374
15	1.28	0.416
15	1.27	0.499
21	1.23	0.831
Std Dev	1.20	1.000
13	1.19	1.122
49	1.06	2.244

403 Other(describe)		
Lab	%	Al2O3
65	2.13	-0.920
77	2.05	-0.705
77	2.02	-0.621
56	1.80	0.000
Median	1.80	0.000
19	1.63	0.480
20	1.49	0.875
20	1.47	0.931

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
55	0.40	0.000
Median	0.40	0.000

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
35	0.50	-5.675
35	0.47	-3.784
275	0.44	-1.892
13	0.44	-1.576
21	0.44	-1.576
49	0.43	-1.261
Std Dev	0.43	-1.000
21	0.43	-0.946
49	0.43	-0.946
24	0.42	-0.631
92	0.42	-0.631
275	0.42	-0.631
15	0.42	-0.315
15	0.42	-0.315
9	0.41	0.000
9	0.41	0.000
10	0.41	0.000
10	0.41	0.000
51	0.41	0.000
78	0.41	0.000
92	0.41	0.000
Median	0.41	0.000
78	0.41	0.315
13	0.40	0.631
51	0.40	0.631
75	0.40	0.840
Std Dev	0.39	1.000
75	0.39	1.054
24	0.39	1.576
69	0.37	2.522
52	0.26	9.459

503 Other(describe)		
Lab	%	MgO
77	0.47	-3.350
Std Dev	0.43	-1.000
65	0.42	-0.447
20	0.41	0.000
77	0.41	0.000
Median	0.41	0.000
Std Dev	0.39	1.000

20	0.39	1.117
56	0.39	1.117
19	0.34	3.908

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
51	13.24	-1.574
26	13.23	-1.511
51	13.22	-1.449
35	13.21	-1.387
Std Dev	13.15	-1.000
9	13.13	-0.888
15	13.11	-0.732
10	13.03	-0.265
10	13.01	-0.140
13	13.01	-0.109
30	13.00	-0.078
Median	12.99	0.000
49	12.98	0.078
15	12.97	0.140
55	12.94	0.296
9	12.92	0.421
35	12.90	0.545
49	12.89	0.639
Std Dev	12.83	1.000
24	12.82	1.044
24	12.81	1.106
13	12.75	1.511
69	12.44	3.443

602 Other(describe)		
Lab	%	Al
21	13.31	-2.283
Std Dev	13.18	-1.000
19	13.08	0.000
Median	13.08	0.000
21	13.04	0.397

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
77	3.90	-3.036
24	3.45	-1.349
Std Dev	3.36	-1.000
24	3.35	-0.975

21	3.30	-0.787
21	3.30	-0.787
30	3.24	-0.562
9	3.09	0.000
9	3.09	0.000
Median	3.09	0.000
13	3.07	0.075
13	3.07	0.094
49	2.96	0.487
49	2.93	0.618
69	2.83	0.993
Std Dev	2.82	1.000
15	2.79	1.124
15	2.79	1.124

652 Other(describe)		
Lab	%	CO2
35	5.97	-2.028
35	5.80	-1.866
78	4.93	-1.033
Std Dev	4.89	-1.000
78	4.89	-1.000
51	3.91	-0.067
51	3.84	0.000
Median	3.84	0.000
20	3.63	0.200
20	3.60	0.228
55	3.40	0.419
65	3.38	0.438
56	3.11	0.695

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
75	50.27	-16.317
75	45.38	-5.656
Std Dev	43.24	-1.000
69	43.18	-0.850
49	43.14	-0.763
92	43.09	-0.665
51	43.01	-0.490

51	42.94	-0.338
13	42.83	-0.098
10	42.82	-0.076
13	42.80	-0.033
9	42.79	0.000
Median	42.79	0.000
49	42.74	0.109
92	42.55	0.512
10	42.49	0.643
9	42.40	0.850
21	42.40	0.850
21	42.33	0.991
Std Dev	42.33	1.000
78	42.24	1.187
78	42.21	1.264
35	41.94	1.841
35	41.94	1.841

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

704 Permanganate		
Lab	%	CaO
30	43.07	0.000
Median	43.07	0.000

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
Median	0.00	0.000

706 Other(describe)		
Lab	%	CaO
15	43.20	-0.681
55	43.03	-0.380
15	43.00	-0.327
77	43.00	-0.327
77	43.00	-0.327
19	42.89	-0.133
Median	42.82	0.000
24	42.74	0.133
56	42.72	0.168
24	42.33	0.858
Std Dev	42.25	1.000

20	41.98	1.477
20	41.94	1.548
65	40.64	3.848

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
75	50.56		-18.757
75	45.66		-6.482
69	43.51		-1.114
Std Dev	43.47		-1.000
49	43.35		-0.712
10	43.13		-0.170
13	43.13		-0.151
13	43.11		-0.103
9	43.07		0.000
Median	43.07		0.000
49	42.94		0.310
10	42.80		0.662
21	42.74		0.810
9	42.67		0.988
21	42.67		0.996
Std Dev	42.67		1.000
35	42.21		2.155
35	42.04		2.579

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

714 Permanganate			
Lab	%	CaO	dB
30	43.30		0.000
Median	43.30		0.000

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
Median	0.00		0.000

716 Other(describe)			
Lab	%	CaO	dB
Median	0.00		0.000

716 Other(describe)			
Lab	%	CaO	dB
Median	0.00		0.000

15	43.47	-0.917
55	43.36	-0.693
15	43.25	-0.449
77	43.25	-0.449
77	43.04	0.000
Median	43.04	0.000
24	43.03	0.037
24	42.63	0.891
Std Dev	42.58	1.000
20	42.30	1.602
20	42.24	1.744

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	3.63		-2.274
26	3.60		-1.990
35	3.57		-1.787
Std Dev	3.47		-1.000
15	3.44		-0.731
9	3.44		-0.731
51	3.44		-0.731
9	3.42		-0.528
15	3.41		-0.487
13	3.41		-0.447
51	3.40		-0.406
35	3.38		-0.244
13	3.36		-0.041
49	3.35		0.000
Median	3.35		0.000
30	3.34		0.081
49	3.33		0.203
275	3.27		0.650
21	3.27		0.690
24	3.26		0.772
75	3.25		0.812
275	3.25		0.812
21	3.23		0.975
55	3.23		0.975
Std Dev	3.23		1.000
24	3.18		1.421

75	3.13	1.827
52	2.95	3.248

803 Other(describe)		
Lab	%	Fluorine, F
20	3.50	-0.513
65	3.49	-0.461
20	3.43	0.000
Median	3.43	0.000
77	3.31	0.879
Std Dev	3.29	1.000
77	3.28	1.098

911 Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As
Median	0.0	0.000

912 ICP-induced coupled plasma-AFPC IX.15.B		
Lab	ppm	Arsenic, As
69	32.5	-21.933
24	12.1	-2.345
24	11.6	-1.914
Std Dev	10.6	-1.000
20	10.0	-0.383
51	10.0	-0.383
20	9.6	0.000
78	9.6	0.000
Median	9.6	0.000
78	9.4	0.191
51	9.0	0.574
52	8.6	0.957
Std Dev	8.6	1.000
35	8.0	1.531
35	8.0	1.531
55	3.7	5.647

913 Other(describe)		
Lab	ppm	Arsenic, As
13	28.5	-1.340
Std Dev	26.0	-1.000
Median	18.8	0.000
Std Dev	11.5	1.000
77	9.0	1.340

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
Median	0	0.000

922 ICP-induced coupled plasma-AFPC IX.11.B		
Lab	ppm	Cadmium, Cd
78	4	-2.114
78	4	-2.017
51	4	-1.489
75	4	-1.117
Std Dev	4	-1.000
75	4	-0.893
275	3	-0.253
24	3	-0.149
35	3	0.000
35	3	0.000
51	3	0.000
77	3	0.000
Median	3	0.000
275	3	0.149
Std Dev	2	1.000
24	2	1.117
69	2	1.414
52	2	1.787
55	1	2.382

923 Other(describe)		
Lab	ppm	Cadmium, Cd
20	7	-0.177
20	7	0.000
Median	7	0.000
Std Dev	6	1.000
13	4	2.503

931 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Cobalt, Co
Median	0	0.000

932 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Cobalt, Co
78	31	-1.535
78	30	-1.475
Std Dev	26	-1.000
24	21	-0.442

24	19	-0.098
35	18	-0.026
69	18	0.000
Median	18	0.000
35	16	0.215
Std Dev	10	1.000
77	9	1.036
75	9	1.103
75	6	1.374
55	5	1.519

933 Other(describe)		
Lab	ppm	Cobalt, Co
13	5	-2.651
Std Dev	3	-1.000
20	2	0.000
Median	2	0.000
20	2	0.029

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

942 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Mercury, Hg
55	0.2	-1.340
Std Dev	0.2	-1.000
Median	0.1	0.000
Std Dev	0.0	1.000
69	0.0	1.340

943 Other(describe)		
Lab	ppm	Mercury, Hg
24	58.5	-1.345
24	57.5	-1.322
Std Dev	43.7	-1.000
13	0.9	0.000
Median	0.9	0.000
20	0.1	0.018
20	0.1	0.018

951 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Molybdenum, Mo
Median	0	0.000

952 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Iolybdenum, Mo
69	27	-0.462
24	25	-0.162
78	24	-0.050
24	23	-0.011
78	23	0.000
Median	23	0.000
77	18	0.530
Std Dev	14	1.000
55	12	1.290
20	4	2.183
20	3	2.191

953 Other(describe)		
Lab	ppm	Iolybdenum, Mo
13	19	0.000
Median	19	0.000

961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni
Median	0	0.000

962 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Nickel, Ni
69	38	-3.152
Std Dev	28	-1.000
35	26	-0.588
35	26	-0.588
24	26	-0.515
77	24	-0.175
24	24	-0.134
Median	23	0.000
78	23	0.134
78	22	0.237
55	20	0.649
Std Dev	18	1.000
75	17	1.278
52	16	1.474
75	16	1.478

963 Other(describe)		
Lab	ppm	Nickel, Ni

19	33	-2.513
Std Dev	28	-1.000
20	26	-0.168
Median	26	0.000
20	25	0.168
Std Dev	23	1.000
13	20	1.843

971 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Lead, Pb
Median	0	0.000

972 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Lead, Pb
69	22	-1.060
Std Dev	22	-1.000
51	21	-0.743
51	20	-0.495
78	20	-0.483
77	20	-0.372
78	19	-0.198
35	18	0.000
Median	18	0.000
35	16	0.495
275	15	0.798
275	15	0.857
Std Dev	14	1.000
24	9	2.291
24	6	2.985
55	3	3.790

973 Other(describe)		
Lab	ppm	Lead, Pb
13	14	-2.531
Std Dev	13	-1.000
20	12	0.000
Median	12	0.000
20	12	0.149

981 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Selenium, Se
Median	0	0.000

982 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Selenium, Se
20	9	0.000
20	9	0.000
Median	9	0.000
Std Dev	6	1.000
69	0	2.680

983 Other(describe)		
Lab	ppm	Selenium, Se
13	4	-1.340
Std Dev	3	-1.000
Median	2	0.000
Std Dev	1	1.000
77	0	1.340

991 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn
Median	0	0.000

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
69	117	-9.182
55	52	-1.036
Std Dev	52	-1.000
24	50	-0.841
24	48	-0.502
52	46	-0.282
35	44	-0.031
Median	44	0.000
78	44	0.031
78	42	0.220
77	38	0.722
35	37	0.847
Std Dev	36	1.000
75	35	1.117
75	35	1.161

993 Other(describe)		
Lab	ppm	Zinc, Zn
20	52	-1.340
20	51	-1.173
Std Dev	50	-1.000
13	44	0.000

Median	44	0.000
19	43	0.168
Std Dev	38	1.000
19	34	1.675