AFPC Rock Check Program

Sample No. 2018-08

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	28	1.67	0.156
Other (describe)	102	2	1.68	0.022
Method Group 100		30	1.67	0.14
P_2O_5				
Gravimetric AFPC IX.3.B	201	3	30.05	0.142
ICP-inducted coupled plasma AFPC IX.3.D	202	1	30.82	0.000
Photometric-AFPC IX.3.C	203	24	29.97	0.141
Automated -AOAC 978.01-15th	204	9	29.85	0.082
Other(describe)	205	3	30.11	0.060
Method Group 200		40	29.97	0.19
P_2O_5 (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	30.39	0.178
ICP-inducted coupled plasma AFPC IX.3.D	212	1	31.38	0.000
Photometric-AFPC IX.3.C	213	16	30.46	0.145
Automated -AOAC 978.01-15th	214	9	30.27	0.141
Other(describe)	215	2	30.59	0.009
Method Group 210		30	30.45	0.23
Fe_2O_3				
Atomic Absorption-AFPC IX.6.B	301	1	0.45	0.000
ICP-inducted coupled plasma-AFPC IX.6.C	302	31	0.53	0.209
Other(describe)	303	6	0.52	0.040
Method Group 300		38	0.52	0.18
Al_2O_3				
Atomic Absorption-AFPC IX.7.B	401	1	0.30	0.000
ICP-inducted coupled plasma-AFPC IX.7.C	402	31	0.33	0.036
Other(describe)	403	6	0.36	0.051
Method Group 400		38	0.34	0.04
MgO				
Atomic Absorption-AFPC IX.8.A	501	1	0.50	0.000
ICP-inducted coupled plasma-AFPC IX.8.B	502	29	0.56	0.018
Other(describe)	503	6	0.53	0.006
Method Group 500		36	0.56	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	22	1.89	0.282
Other(describe)	602	3	2.08	0.192
Method Group 600		25	1.92	0.32
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	14	5.66	0.437
Other(describe)	652	11	6.50	4.119
Method Group 650		25	5.80	0.53
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-inducted coupled plasma-AFPC IX.12.D	702	22	48.01	0.479
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	1	48.15	0.000
EDTA Volumetric-AFPC IX.12.C	705	2	47.35	0.683
Other(describe)	706	11	48.27	0.215
Method Group 700		36	48.08	0.42
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-inducted coupled plasma-AFPC IX.12.D	712	14	48.82	0.269
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	1	48.88	0.000
EDTA Volumetric-AFPC IX.12.C	715	2	48.19	0.712
Other(describe)	716	9	49.11	0.319
Method Group 710		25	48.86	0.18

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	26	3.55	0.095
Oher(describe)	803	5	3.67	0.276
Method Group 800		31	3.56	0.12
Arsenic, As				
Atomic Absorption	911			
ICP-inducted coupled plasma-AFPC IX.15.B	912	13	12.0	2.80
Other(describe)	913	1	13.5	0.00
Method Group 900		14	12.7	2.62
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	42	0.0
ICP-inducted coupled plasma-AFPC IX.11.B	922	17	40	1.9
Other(describe)	923	3	41	1.9
Method Group 910		21	41	1.8
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	3	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	932	12	2	1.7
Other(describe)	933	3		0.7
Method Group 920		16	2	2.2
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-inducted coupled plasma-AFPC IX.16.A	942	2	0.0	0.03
Other(describe)	943	5	0.2	53.94
Method Group 930		7	0.2	27.07
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	8	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	952	10	9	0.5
Other(describe)	953	1	11	0.0
Method Group 940		12	9	0.9
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	18	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	962	13	18	2.8
Other(describe)	963	3	19	0.6
Method Group 950		17	19	2.0
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	3	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	972	12	3	1.9
Other(describe)	973	3	5	0.4
Method Group 960		16	3	1.8
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-inducted coupled plasma-AFPC IX.16.A	982	4	6	4.9
Other(describe)	983	1	6	0.0
Method Group 970		5	6	4.3
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	335	0
ICP-inducted coupled plasma-AFPC IX.16.A	992	13	331	26
Other(describe)	993	3	317	10
Method Group 980		17	319	26

101	Ground Sample AFPC IX.2.A	
Lab	% H_2O	
13	1.91	-1.541
24	1.86	-1.188
Std Dev	1.83	-1.000
10	1.80	-0.834
266	1.80	-0.834
21	1.77	-0.642
26	1.77	-0.642
21	1.76	-0.546
35	1.73	-0.385
52	1.73	-0.385
13	1.73	-0.353
10	1.70	-0.193
24	1.70	-0.193
75	1.69	-0.096
35	1.68	-0.064
Median	1.67	0.000
75	1.66	0.064
49	1.61	0.385
20	1.60	0.449
49	1.60	0.449
9	1.59	0.546
9	1.57	0.642
77	1.54	0.834
Std Dev	1.51	1.000
30	1.49	1.155
77	1.45	1.412
275	1.44	1.476
275	1.41	1.669
55	1.15	3.338
15	1.07	3.851
15	1.06	3.916

102	Other (describe)	
Lab	% H_2O	
69	1.71	-1.340
Std Dev	1.70	-1.000
Median	1.68	0.000
Std Dev	1.66	1.000
20	1.65	1.340

201	Gravimetric AFPC IX.3.B	
Lab	% P2O5	
77	30.18	-0.917
56	30.05	0.000
Median	30.05	0.000
Std Dev	29.91	1.000
55	29.80	1.763

202	ICP-inducted coupled plasma AFPC IX.3.D	
Lab	% P2O5	
266	30.82	0.000
Median	30.82	0.000

203	Photometric-AFPC IX.3.C	
Lab	% P2O5	
35	30.24	-1.917
69	30.19	-1.526
275	30.18	-1.491
35	30.17	-1.420
45	30.13	-1.136
Std Dev	30.11	-1.000
9	30.03	-0.390
9	30.02	-0.355
45	29.99	-0.142
49	29.98	-0.071
92	29.98	-0.071
92	29.98	-0.071
10	29.97	0.000
49	29.97	0.000
Median	29.97	0.000
78	29.92	0.390
10	29.89	0.568
30	29.87	0.710
51	29.85	0.852
51	29.84	0.923
Std Dev	29.83	1.000
26	29.81	1.136
275	29.81	1.136
21	29.81	1.171
52	29.78	1.349
21	29.76	1.491
78	29.62	2.520

204	Automated -AOAC 978.01-15th	
Lab	% P2O5	
13	30.12	-3.289
13	30.06	-2.619
Std Dev	29.93	-1.000
15	29.88	-0.426
24	29.85	-0.061
15	29.85	0.000
Median	29.85	0.000
24	29.83	0.244
75	29.77	0.914
Std Dev	29.76	1.000
75	29.72	1.523
77	29.69	1.888

205	Other(describe)	
Lab	% P2O5	
56	30.23	-2.010
Std Dev	30.17	-1.000
20	30.11	0.000
Median	30.11	0.000
20	30.07	0.670

211	Gravimetric AFPC IX.3.B		
Lab	% P2O5	dB	
77	30.62	-1.340	
Std Dev	30.56	-1.000	
Median	30.39	0.000	
Std Dev	30.21	1.000	
55	30.15	1.340	

212	ICP-inducted coupled plasma AFPC IX.3.D		
Lab	% P2O5	dB	
266	31.38	0.000	
Median	31.38	0.000	

213	Photometric-AFPC IX.3.C		
Lab	% P2O5	dB	
35	30.77	-2.132	
69	30.71	-1.702	
35	30.69	-1.532	
275	30.61	-1.021	
Std Dev	30.61	-1.000	
9	30.50	-0.276	
9	30.50	-0.273	
10	30.49	-0.168	
49	30.47	-0.024	
Median	30.46	0.000	
49	30.46	0.024	
10	30.44	0.180	
26	30.35	0.807	
21	30.34	0.843	
30	30.32	0.983	
Std Dev	30.32	1.000	
52	30.30	1.104	
21	30.29	1.191	
275	30.25	1.510	

214	Automated -AOAC 978.01-15th		
Lab	% P2O5	dB	
13	30.70	-3.047	
13	30.59	-2.239	
Std Dev	30.41	-1.000	
24	30.39	-0.826	
24	30.37	-0.666	
75	30.27	0.000	
Median	30.27	0.000	
75	30.23	0.307	
15	30.20	0.514	
15	30.17	0.744	
77	30.15	0.839	

215	Other(describe)		
Lab	% P2O5	dB	
20	30.60	-1.340	
Std Dev	30.60	-1.000	
Median	30.59	0.000	
Std Dev	30.58	1.000	
20	30.57	1.340	

301	Atomic Absorption-AFPC IX.6.B	
Lab	% Fe2O3	
55	0.45	0.000
Median	0.45	0.000

302	ICP-inducted coupled plasma-AFPC IX.6.C	
Lab	% Fe2O3	
35	0.65	-0.574
266	0.65	-0.574
78	0.59	-0.287
78	0.59	-0.287

35	0.58	-0.239
45	0.58	-0.239
92	0.58	-0.239
45	0.57	-0.191
52	0.57	-0.191
92	0.57	-0.191
15	0.56	-0.144
15	0.56	-0.144
51	0.54	-0.048
275	0.54	-0.048
51	0.53	0.000
275	0.53	0.000
Median	0.53	0.000
69	0.52	0.064
24	0.52	0.072
24	0.51	0.120
75	0.48	0.223
75	0.47	0.267
Std Dev	0.32	1.000
9	0.30	1.125
10	0.29	1.149
10	0.29	1.149
9	0.28	1.196
13	0.27	1.244
13	0.27	1.268
21	0.26	1.292
49	0.26	1.292
49	0.26	1.292
21	0.23	1.460

303 Other(describe)

Lab	%	Fe2O3
56	0.60	-2.109
Std Dev	0.56	-1.000
65	0.54	-0.670
20	0.53	-0.372
Median	0.52	0.000
20	0.50	0.372
77	0.48	0.869
Std Dev	0.47	1.000
77	0.45	1.613

401 Atomic Absorption-AFPC IX.6.B

Lab	%	Al2O3
55	0.30	0.000
Median	0.30	0.000

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

Lab	%	Al2O3
35	0.44	-3.047
35	0.42	-2.493
52	0.39	-1.662
266	0.39	-1.662
92	0.37	-1.108
92	0.37	-1.108
Std Dev	0.37	-1.000
78	0.37	-0.969
45	0.36	-0.831
45	0.35	-0.554
69	0.34	-0.374
9	0.34	-0.277
51	0.34	-0.277
275	0.34	-0.277
9	0.33	0.000
275	0.33	0.000
78	0.33	0.000
Median	0.33	0.000
24	0.32	0.277
49	0.32	0.277
49	0.32	0.277
51	0.32	0.277
10	0.31	0.554
10	0.31	0.554
75	0.31	0.603
15	0.31	0.692
15	0.30	0.831
21	0.30	0.831
Std Dev	0.29	1.000
75	0.29	1.087
24	0.29	1.246
13	0.27	1.662
13	0.26	1.939
21	0.24	2.631

403 Other(describe)

Lab	%	Al2O3
20	0.46	-1.898
20	0.42	-1.115
Std Dev	0.41	-1.000
56	0.38	-0.333
Median	0.36	0.000
65	0.35	0.333
77	0.34	0.450
77	0.34	0.450

501 Atomic Absorption-AFPC IX.8.A

Lab	%	MgO
55	0.50	0.000
Median	0.50	0.000

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

Lab	%	MgO
35	0.66	-5.450
35	0.64	-4.338
21	0.60	-1.836
10	0.58	-1.002
45	0.58	-1.002
Std Dev	0.58	-1.000
9	0.58	-0.724
21	0.58	-0.724
9	0.57	-0.446
10	0.57	-0.446
13	0.57	-0.446
45	0.57	-0.446
49	0.57	-0.446
49	0.57	-0.446
266	0.57	-0.446
75	0.56	0.000
Median	0.56	0.000
13	0.56	0.110
51	0.56	0.110
24	0.56	0.388
15	0.55	0.666
51	0.55	0.666
78	0.55	0.666
69	0.55	0.894
15	0.55	0.944
78	0.55	0.944
Std Dev	0.54	1.000
92	0.54	1.222
92	0.54	1.222
24	0.53	1.778
52	0.53	1.778
75	0.52	2.360

503 Other(describe)

Lab	%	MgO
65	0.56	-4.645
Std Dev	0.54	-1.000
20	0.53	0.000
77	0.53	0.000
77	0.53	0.000
Median	0.53	0.000
Std Dev	0.52	1.000
56	0.52	1.787
20	0.50	5.360

601 Insoluble-AFPC IX.4.A

Lab	%	Al
69	2.60	-2.511
Std Dev	2.17	-1.000
49	2.07	-0.630
15	2.07	-0.612
15	2.07	-0.612
55	2.06	-0.595
10	2.03	-0.488
49	2.00	-0.382
13	1.99	-0.328
10	1.97	-0.275
13	1.93	-0.133
45	1.92	-0.098
Median	1.89	0.000
9	1.87	0.098
9	1.86	0.115
24	1.72	0.630
24	1.71	0.666
45	1.69	0.719
35	1.63	0.932
Std Dev	1.61	1.000
30	1.61	1.003
26	1.61	1.021
35	1.60	1.038
51	1.60	1.038
51	1.50	1.393

602 Other(describe)		
Lab	%	Al
21	2.14	-0.286
21	2.08	0.000
Median	2.08	0.000
Std Dev	1.89	1.000
266	1.62	2.394

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
24	6.33	-1.535
24	6.23	-1.306
21	6.20	-1.237
21	6.20	-1.237
30	6.18	-1.191
Std Dev	6.10	-1.000
49	5.75	-0.206
15	5.66	0.000
15	5.66	0.000
Median	5.66	0.000
49	5.62	0.092
9	5.61	0.115
9	5.61	0.115
13	5.59	0.172
13	5.53	0.309
Std Dev	5.22	1.000
69	3.91	4.009

652 Other(describe)		
Lab	%	CO2
78	19.15	-3.070
78	19.13	-3.066
35	11.40	-1.189
35	11.21	-1.143
Std Dev	10.62	-1.000
51	6.60	-0.024
51	6.50	0.000
Median	6.50	0.000
55	6.28	0.053
56	5.80	0.170
20	5.77	0.177
20	5.69	0.197
266	5.07	0.347

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
75	50.48	-5.180
92	48.77	-1.599
78	48.50	-1.024
Std Dev	48.48	-1.000
92	48.44	-0.909
9	48.23	-0.470
9	48.23	-0.460
10	48.16	-0.324
10	48.08	-0.157
45	48.07	-0.136
49	48.07	-0.136
13	48.03	-0.042
Median	48.01	0.000
75	47.99	0.042
49	47.98	0.052
13	47.85	0.324
21	47.73	0.585
51	47.68	0.679
51	47.53	0.993
Std Dev	47.53	1.000
21	47.52	1.024
78	47.07	1.954
45	46.97	2.163
35	46.08	4.023
35	46.05	4.085

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

704 Permanganate		
Lab	%	CaO
30	48.15	0.000
Median	48.15	0.000

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
266	48.26	-1.340
Std Dev	48.03	-1.000
Median	47.35	0.000
Std Dev	46.66	1.000
69	46.43	1.340

706 Other(describe)		
Lab	%	CaO
77	49.00	-3.402
Std Dev	48.48	-1.000
20	48.46	-0.886
20	48.44	-0.792
77	48.40	-0.606
55	48.30	-0.140
56	48.27	0.000
Median	48.27	0.000
15	48.27	0.000
24	48.20	0.350
15	48.07	0.932
Std Dev	48.06	1.000
24	47.97	1.398
65	46.33	9.042

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
75	51.35		-9.388
Std Dev	49.09		-1.000
9	49.01		-0.682
9	48.99		-0.635
10	48.99		-0.630
10	48.96		-0.513
13	48.87		-0.166
49	48.85		-0.105
Median	48.82		0.000
75	48.79		0.105
13	48.78		0.155
49	48.77		0.216
21	48.58		0.913
Std Dev	48.55		1.000
21	48.37		1.680
35	46.89		7.181
35	46.84		7.383

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

714 Permanganate			
Lab	%	CaO	dB
30	48.88		0.000
Median	48.88		0.000

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
266	49.14		-1.340
Std Dev	48.90		-1.000
Median	48.19		0.000
Std Dev	47.48		1.000
69	47.24		1.340

716 Other(describe)			
Lab	%	CaO	dB
77	49.77		-2.068
Std Dev	49.43		-1.000
20	49.27		-0.523
20	49.23		-0.381
77	49.11		-0.019
24	49.11		0.000
Median	49.11		0.000
55	48.86		0.764
24	48.80		0.959
15	48.79		0.982
Std Dev	48.79		1.000
15	48.59		1.631

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
15	3.92	-3.810
15	3.92	-3.810
69	3.85	-3.127
26	3.69	-1.445

52	3.69	-1.445
Std Dev	3.65	-1.000
21	3.63	-0.815
75	3.63	-0.815
24	3.60	-0.499
266	3.60	-0.499
9	3.59	-0.394
30	3.56	-0.079
51	3.56	-0.079
21	3.56	-0.026
Median	3.55	0.000
51	3.55	0.026
9	3.55	0.079
13	3.55	0.079
75	3.55	0.079
13	3.53	0.236
24	3.51	0.447
35	3.49	0.657
49	3.49	0.657
49	3.49	0.657
35	3.47	0.867
Std Dev	3.46	1.000
275	3.42	1.393
275	3.38	1.813
55	3.25	3.179

803 Oher(describe)

Lab	%	Fluorine, F
20	3.88	-0.761
20	3.85	-0.652
77	3.67	0.000
Median	3.67	0.000
77	3.48	0.688
65	3.42	0.891

911 Atomic Absorption-AFPC

Lab	ppm	Arsenic, As
Median	0.0	0.000

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

Lab	ppm	Arsenic, As
78	17.1	-1.805
266	15.8	-1.358
69	15.2	-1.143
Std Dev	14.8	-1.000
24	14.8	-0.983
24	14.5	-0.875
35	14.0	-0.715
51	12.0	0.000
52	12.0	0.000
Median	12.0	0.000
78	11.7	0.125
35	11.0	0.357
51	11.0	0.357
20	10.0	0.715
20	9.9	0.750

913 Other(describe)

Lab	ppm	Arsenic, As
13	13.5	0.000
Median	13.5	0.000

921 Atomic Absorption-AFPC IX.11.A

Lab	ppm	Cadmium, Cd
55	42	0.000
Median	42	0.000

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

Lab	ppm	Cadmium, Cd
78	48	-4.229
45	46	-3.055
69	45	-2.519
78	45	-2.401
Std Dev	42	-1.000
24	42	-0.670
45	41	-0.375
52	41	-0.375
266	41	-0.214
24	40	0.000
Median	40	0.000
51	40	0.161
75	40	0.375
275	40	0.413
275	39	0.670
51	39	0.697
Std Dev	38	1.000
75	38	1.018
35	32	4.449
35	28	6.593

923 Other(describe)

Lab	ppm	Cadmium, Cd
13	46	-2.453
Std Dev	43	-1.000
20	41	0.000
Median	41	0.000
20	41	0.227

931 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Cobalt, Co
55	3	0.000
Median	3	0.000

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

Lab	ppm	Cobalt, Co
78	5	-1.486
78	4	-1.194
Std Dev	4	-1.000
266	3	-0.728
35	3	-0.612
35	3	-0.612
45	2	-0.029
Median	2	0.000
24	2	0.029
24	2	0.058
45	1	0.553
Std Dev	0	1.000
69	0	1.136
75	0	1.136
75	0	1.136

933 Other(describe)

Lab	ppm	Cobalt, Co
13	2	-2.680
Std Dev	1	-1.000
20	0	0.000
20	0	0.000
Median	0	0.000

941 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Mercury, Hg
Median	0.0	0.000

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

Lab	ppm	Mercury, Hg
266	0.1	-1.340
Std Dev	0.1	-1.000
Median	0.0	0.000
Std Dev	0.0	1.000
69	0.0	1.340

943 Other(describe)

Lab	ppm	Mercury, Hg
24	74.0	-1.368
24	72.5	-1.340
Std Dev	54.2	-1.000
20	0.2	0.000
20	0.2	0.000
Median	0.2	0.000
13	0.1	0.002

951 Atomic Absorption-AFPC IX.16.B

Lab	ppm	lolybdenum, Mo
55	8	0.000
Median	8	0.000

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

Lab	ppm	lolybdenum, Mo
69	25	-28.897
78	10	-1.732
266	10	-1.149
Std Dev	9	-1.000
45	9	-0.091
45	9	-0.091
Median	9	0.000
24	9	0.091
78	9	0.182
24	9	0.547
Std Dev	8	1.000
20	4	9.024
20	4	9.134

953 Other(describe)

Lab	ppm	lolybdenum, Mo
13	11	0.000
Median	11	0.000

961 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Nickel, Ni
55	18	0.000
Median	18	0.000

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

Lab	ppm	Nickel, Ni
35	24	-2.028
35	23	-1.666
Std Dev	21	-1.000
78	20	-0.579
266	20	-0.471
24	19	-0.181
78	19	-0.036
24	18	0.000
Median	18	0.000
45	17	0.507
52	17	0.507
45	16	0.869
Std Dev	16	1.000
75	12	2.209
75	12	2.245
69	11	2.608

963 Other(describe)

Lab	ppm	Nickel, Ni
20	20	-2.233
Std Dev	19	-1.000
13	19	0.000
Median	19	0.000
20	19	0.447

971 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Lead, Pb
55	3	0.000
Median	3	0.000

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

Lab	ppm	Lead, Pb
266	12	-4.729
51	5	-1.051
Std Dev	5	-1.000
51	4	-0.525
275	4	-0.525
275	4	-0.525
35	3	0.000
35	3	0.000
Median	3	0.000
24	2	0.552
24	2	0.736
Std Dev	1	1.000
78	1	1.051
78	1	1.051
69	0	1.576

973 Other(describe)

Lab	ppm	Lead, Pb
20	5	0.000
20	5	0.000
Median	5	0.000
Std Dev	5	1.000
13	4	2.680

981 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Selenium, Se
Median	0	0.000

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

Lab	ppm	Selenium, Se
20	9	-0.589
20	9	-0.589
Median	6	0.000
266	3	0.589
Std Dev	1	1.000
69	0	1.238

983 Other(describe)

Lab	ppm	Selenium, Se
13	6	0.000
Median	6	0.000

991 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Zinc, Zn
55	335	0.000
Median	335	0.000

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

Lab	ppm	Zinc, Zn
78	366	-1.321
24	364	-1.277
266	359	-1.072
Std Dev	357	-1.000
78	341	-0.383
69	341	-0.364
24	340	-0.341
52	331	0.000
Median	331	0.000
45	313	0.689
35	306	0.957
45	306	0.957
Std Dev	305	1.000
75	302	1.129
75	295	1.380
35	283	1.838

993 Other(describe)

Lab	ppm	Zinc, Zn
20	319	-0.202
20	317	0.000
Median	317	0.000
Std Dev	307	1.000
13	293	2.478