

AFPC Rock Check Program

Sample No. 2018-07

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	28	0.82	0.160
Other (describe)	102	4	0.56	0.401
Method Group 100		32	0.81	0.18
P₂O₅				
Gravimetric AFPC IX.3.B	201	6	27.89	0.228
ICP-induced coupled plasma AFPC IX.3.D	202			
Photometric-AFPC IX.3.C	203	20	27.82	0.102
Automated -AOAC 978.01-15th	204	11	27.76	0.101
Other(describe)	205	6	27.78	0.323
Method Group 200		43	27.80	0.14
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	4	27.98	0.186
ICP-induced coupled plasma AFPC IX.3.D	212			
Photometric-AFPC IX.3.C	213	12	28.10	0.090
Automated -AOAC 978.01-15th	214	10	28.00	0.129
Other(describe)	215	4	28.06	0.293
Method Group 210		30	28.07	0.16
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	1	1.48	0.000
ICP-induced coupled plasma-AFPC IX.6.C	302	28	1.57	0.648
Other(describe)	303	7	1.62	0.052
Method Group 300		36	1.60	0.55
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	1	1.03	0.000
ICP-induced coupled plasma-AFPC IX.7.C	402	29	1.01	0.112
Other(describe)	403	6	1.05	0.097
Method Group 400		36	1.01	0.11
MgO				
Atomic Absorption-AFPC IX.8.A	501	1	0.43	0.000
ICP-induced coupled plasma-AFPC IX.8.B	502	29	0.60	0.030
Other(describe)	503	6	0.58	0.054
Method Group 500		36	0.59	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	23	13.57	0.269
Other(describe)	602	1	14.62	0.000
Method Group 600		24	13.57	0.33
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	12	3.70	0.094
Other(describe)	652	11	4.47	1.978
Method Group 650		23	3.94	0.45
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	23	41.85	0.561
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	3	46.07	1.545
EDTA Volumetric-AFPC IX.12.C	705			
Other(describe)	706	10	41.79	0.447
Method Group 700		36	41.88	0.54
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	15	42.18	0.316
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	3	46.21	1.493
EDTA Volumetric-AFPC IX.12.C	715			
Other(describe)	716	7	42.18	0.203
Method Group 710		24	42.19	0.25

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	22	3.28	0.068
Other (describe)	803	6	3.31	0.101
Method Group 800		28	3.28	0.10
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	12	30.5	10.66
Other(describe)	913	1	29.5	0.00
Method Group 900		13	30.0	10.37
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	2	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	15	2	0.6
Other(describe)	923	4	3	2.8
Method Group 910		20	2	0.9
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	8	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	10	3	1.6
Other(describe)	933	4	3	0.9
Method Group 920		15	3	1.3
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	2		0.00
Other(describe)	943	6	30.5	41.25
Method Group 930		8	14.6	31.53
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	7	0.0
ICP-induced coupled plasma-AFPC IX.16.A	952	8	13	2.3
Other(describe)	953	2	13	1.1
Method Group 940		11	13	2.9
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	20	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	11	13	1.9
Other(describe)	963	6	16	4.4
Method Group 950		18	13	5.1
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	6	0.0
ICP-induced coupled plasma-AFPC IX.16.A	972	10	11	1.1
Other(describe)	973	4	10	1.6
Method Group 960		15	11	2.1
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	2	8	0.0
Other(describe)	983	2	5	3.8
Method Group 970		4	8	1.9
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	23	0
ICP-induced coupled plasma-AFPC IX.16.A	992	11	24	4
Other(describe)	993	5	14	12
Method Group 980		17	23	7

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	
52	1.14		-2.026
Std Dev	0.98		-1.000
10	0.95		-0.841
10	0.95		-0.841
15	0.91		-0.592
13	0.90		-0.499
26	0.89		-0.436
13	0.86		-0.249
21	0.86		-0.249
20	0.85		-0.218
24	0.85		-0.218
35	0.85		-0.218
75	0.85		-0.187
21	0.84		-0.156
49	0.82		-0.031
Median	0.82		0.000
75	0.81		0.031
24	0.79		0.156
49	0.79		0.156
9	0.77		0.280
9	0.72		0.592
30	0.66		0.966
Std Dev	0.65		1.000
275	0.65		1.028
77	0.61		1.278
55	0.60		1.340
275	0.60		1.340
77	0.36		2.836
241	0.30		3.210
241	0.30		3.210
35	0.26		3.459

102 Other (describe)			
Lab	%	H ₂ O	
69	0.92		-0.910
20	0.81		-0.636
Median	0.56		0.000
241a	0.30		0.636
241a	0.30		0.636

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
201			

65	28.12		-1.032
Std Dev	28.11		-1.000
55	28.10		-0.945
77	27.97		-0.373
Median	27.89		0.000
241	27.80		0.373
241	27.75		0.593
Std Dev	27.66		1.000
56	27.61		1.230

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

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
35	28.17		-3.491
35	28.14		-3.196
49	27.93		-1.131
Std Dev	27.92		-1.000
45	27.91		-0.934
49	27.90		-0.836
9	27.85		-0.295
26	27.85		-0.295
10	27.84		-0.246
30	27.84		-0.246
10	27.83		-0.148
Median	27.82		0.000
92	27.80		0.148
92	27.77		0.443
45	27.76		0.541
9	27.75		0.688
78	27.73		0.885
69	27.72		0.983
Std Dev	27.71		1.000
51	27.64		1.721
78	27.56		2.508
51	27.51		3.000
52	27.50		3.098

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
13	28.06		-2.978
13	28.01		-2.481

24	27.88		-1.191
Std Dev	27.86		-1.000
15	27.85		-0.844
15	27.80		-0.347
75	27.76		0.000
Median	27.76		0.000
21	27.76		0.050
24	27.75		0.099
75	27.71		0.546
Std Dev	27.66		1.000
21	27.60		1.588
77	27.60		1.588

205 Other(describe)			
Lab	%	P2O5	
20	28.10		-1.007
Std Dev	28.10		-1.000
20	28.01		-0.728
241a	27.80		-0.077
Median	27.78		0.000
241a	27.75		0.077
Std Dev	27.45		1.000
19	27.45		1.007
56	26.60		3.640

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
55	28.27		-1.569
Std Dev	28.16		-1.000
77	28.07		-0.503
Median	27.98		0.000
241	27.88		0.503
241	27.83		0.772

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
35	28.38		-3.192
35	28.24		-1.654
Std Dev	28.18		-1.000
49	28.16		-0.733

49	28.12		-0.300
10	28.11		-0.131
10	28.10		-0.018
Median	28.10		0.000
26	28.09		0.018
9	28.06		0.382
30	28.02		0.785
Std Dev	28.01		1.000
69	27.97		1.372
9	27.95		1.664
52	27.82		3.105

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
13	28.30		-2.371
13	28.26		-2.069
Std Dev	28.12		-1.000
24	28.12		-0.956
15	28.10		-0.814
75	28.00		-0.009
Median	28.00		0.000
21	27.99		0.009
24	27.97		0.189
75	27.93		0.497
Std Dev	27.87		1.000
21	27.83		1.250
77	27.77		1.748

215 Other(describe)			
Lab	%	P2O5	dB
20	28.34		-0.953
20	28.24		-0.605
Median	28.06		0.000
241a	27.88		0.605
241a	27.83		0.776

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
55	1.48		0.000
Median	1.48		0.000

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
35	1.88		-0.482

275	1.88	-0.482
35	1.87	-0.467
52	1.85	-0.436
78	1.77	-0.305
78	1.76	-0.297
275	1.72	-0.235
92	1.71	-0.220
15	1.69	-0.189
92	1.68	-0.174
51	1.67	-0.158
45	1.60	-0.050
51	1.60	-0.050
45	1.58	-0.019
Median	1.57	0.000
75	1.55	0.019
75	1.55	0.026
24	1.52	0.073
24	1.52	0.081
9	1.00	0.883
Std Dev	0.92	1.000
21	0.87	1.083
21	0.85	1.114
9	0.84	1.122
10	0.83	1.137
13	0.81	1.176
49	0.80	1.184
10	0.79	1.199
13	0.79	1.207
49	0.77	1.230

303 Other(describe)		
Lab	%	Fe2O3
77	1.81	-3.618
69	1.69	-1.321
Std Dev	1.67	-1.000
56	1.66	-0.747
65	1.62	0.000
Median	1.62	0.000
20	1.62	0.019
20	1.59	0.593
Std Dev	1.57	1.000
19	1.52	1.933

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
55	1.03	0.000
Median	1.03	0.000

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
52	1.36	-3.127
35	1.22	-1.876
78	1.18	-1.519
78	1.18	-1.474
35	1.17	-1.429
51	1.15	-1.251
Std Dev	1.12	-1.000

275	1.12	-0.983
51	1.11	-0.893
92	1.11	-0.893
21	1.05	-0.357
92	1.05	-0.357
69	1.03	-0.134
49	1.01	0.000
49	1.01	0.000
275	1.01	0.000
Median	1.01	0.000
21	1.01	0.045
75	1.00	0.092
24	1.00	0.134
75	0.98	0.248
13	0.97	0.357
45	0.97	0.357
10	0.96	0.447
10	0.96	0.447
9	0.96	0.491
45	0.95	0.536
9	0.95	0.581
13	0.95	0.581
24	0.95	0.581
15	0.94	0.625

403 Other(describe)		
Lab	%	Al2O3
65	1.19	-1.422
Std Dev	1.15	-1.000
77	1.14	-0.928

20	1.10	-0.515
Median	1.05	0.000
20	1.00	0.515
56	1.00	0.515
19	0.96	0.928

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
55	0.43	0.000
Median	0.43	0.000

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
52	0.82	-7.370
275	0.70	-3.350
35	0.69	-3.015
35	0.65	-1.675
275	0.64	-1.340
21	0.63	-1.005
69	0.63	-1.005
Std Dev	0.63	-1.000
13	0.62	-0.670
49	0.62	-0.670
9	0.60	0.000
10	0.60	0.000
13	0.60	0.000
49	0.60	0.000
78	0.60	0.000
78	0.60	0.000
Median	0.60	0.000
10	0.59	0.335
51	0.59	0.335
75	0.58	0.529
15	0.58	0.670
21	0.58	0.670
24	0.58	0.670
92	0.58	0.670
92	0.58	0.670
75	0.58	0.713
Std Dev	0.57	1.000
9	0.57	1.005
45	0.57	1.005
51	0.57	1.005
45	0.56	1.340

24 0.55 1.675

503 Other(describe)		
Lab	%	MgO
20	0.60	-0.460
65	0.60	-0.405
77	0.59	-0.276
Median	0.58	0.000
20	0.56	0.276
Std Dev	0.52	1.000
19	0.51	1.197
56	0.38	3.592

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
21	14.67	-4.094
49	14.60	-3.852
21	14.50	-3.480
49	14.31	-2.773
45	13.96	-1.470
9	13.84	-1.005
Std Dev	13.83	-1.000
45	13.74	-0.651
10	13.68	-0.428
10	13.63	-0.242
15	13.62	-0.186
35	13.58	-0.056
24	13.57	0.000
Median	13.57	0.000
51	13.54	0.093
9	13.52	0.186
26	13.51	0.223
51	13.48	0.316
30	13.43	0.503
24	13.43	0.521
55	13.42	0.540
35	13.40	0.614
13	13.37	0.726
13	13.34	0.856
Std Dev	13.30	1.000
69	1.77	43.904

602 Other(describe)		
Lab	%	Al

19	14.62	0.000
Median	14.62	0.000

651	Gasometric-AFPC IX.13.B	
Lab	%	CO2
9	4.09	-4.139
9	4.04	-3.609
21	3.80	-1.061
Std Dev	3.79	-1.000
15	3.74	-0.371
49	3.73	-0.318
21	3.72	-0.212
Median	3.70	0.000
49	3.68	0.212
30	3.67	0.318
24	3.63	0.743
13	3.61	0.955
Std Dev	3.61	1.000
24	3.57	1.380
13	3.49	2.229

652	Other(describe)	
Lab	%	CO2
78	9.33	-2.455
78	8.96	-2.270
35	6.78	-1.168
35	6.59	-1.072
Std Dev	6.45	-1.000
51	4.59	-0.061
51	4.47	0.000
Median	4.47	0.000
20	4.14	0.167
20	4.09	0.192
55	3.98	0.248
65	3.94	0.268
56	3.80	0.339

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	49.27	-13.231

75	43.91	-3.675
78	43.48	-2.898
78	43.39	-2.737
92	42.47	-1.106
75	42.41	-1.004
Std Dev	42.41	-1.000
92	42.40	-0.981
21	42.20	-0.624
35	42.09	-0.428
49	42.02	-0.303
9	41.90	-0.089
51	41.85	0.000
Median	41.85	0.000
9	41.80	0.089
10	41.78	0.125
21	41.77	0.143
49	41.72	0.232
51	41.71	0.250
10	41.60	0.446
13	41.44	0.740
13	41.32	0.954
Std Dev	41.29	1.000
35	41.25	1.070
45	39.88	3.513
45	39.38	4.404

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

704	Permanganate	
Lab	%	CaO
241	46.11	-0.026
241	46.07	0.000
Median	46.07	0.000
Std Dev	44.53	1.000
30	41.97	2.654

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

706	Other(describe)	
Lab	%	CaO

55	42.88	-2.445
Std Dev	42.23	-1.000
77	42.20	-0.923
19	42.01	-0.498
15	41.97	-0.397
24	41.85	-0.129
Median	41.79	0.000
20	41.73	0.129
20	41.73	0.129
Std Dev	41.34	1.000
24	41.29	1.113
65	40.46	2.971
56	39.90	4.224

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

712	ICP-induced coupled plasma-AFPC IX.12.D		
Lab	%	CaO	dB
69	49.73	-23.846	
75	44.27	-6.600	
75	42.77	-1.876	
21	42.56	-1.190	
Std Dev	42.50	-1.000	
49	42.35	-0.549	
9	42.20	-0.073	
35	42.20	-0.060	
10	42.18	0.000	
Median	42.18	0.000	0.000
21	42.13	0.160	
9	42.12	0.178	
49	42.06	0.366	
10	42.00	0.574	
Std Dev	41.86	1.000	
13	41.79	1.227	
13	41.69	1.557	
35	41.60	1.823	

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

714	Permanganate		
Lab	%	CaO	dB
241	46.25	-0.027	
241	46.21	0.000	
Median	46.21	0.000	0.000
Std Dev	44.72	1.000	
30	42.25	2.653	

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

716	Other(describe)		
Lab	%	CaO	dB
55	43.14	-4.730	
Std Dev	42.38	-1.000	
77	42.35	-0.858	
15	42.35	-0.848	
24	42.18	0.000	
Median	42.18	0.000	0.000
20	42.09	0.445	
20	42.07	0.529	
Std Dev	41.98	1.000	
24	41.64	2.630	

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
26	3.40	-1.762
24	3.36	-1.101
15	3.35	-1.028
49	3.35	-1.028
Std Dev	3.35	-1.000
49	3.34	-0.881
9	3.31	-0.367
35	3.29	-0.147
52	3.29	-0.147
9	3.29	-0.073
13	3.29	-0.073
21	3.28	0.000
55	3.28	0.000

Median	3.28	0.000
21	3.27	0.147
24	3.27	0.147
35	3.24	0.587
Std Dev	3.21	1.000
30	3.21	1.028
51	3.21	1.028
13	3.19	1.322
51	3.16	1.762
75	3.13	2.203
75	3.07	3.157
69	2.79	7.196

803 Other(describe)		
Lab	%	Fluorine, F
20	3.38	-0.695
20	3.38	-0.695
77	3.34	-0.298
Median	3.31	0.000
19	3.28	0.298
77	3.22	0.893
Std Dev	3.21	1.000
65	3.13	1.787

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
24	38.3	-0.732
24	37.9	-0.694
78	35.5	-0.464
78	34.9	-0.413
35	31.0	-0.047
35	31.0	-0.047
Median	30.5	0.000
52	30.0	0.047
69	28.0	0.237
51	21.0	0.891
51	20.0	0.985
Std Dev	19.8	1.000
20	10.4	1.885
20	10.2	1.904

913 Other(describe)		
Lab	ppm	Arsenic, As
13	29.5	0.000
Median	29.5	0.000

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
55	2	0.000
Median	2	0.000

922 ICP-induced coupled plasma-AFPC IX.11.B		
Lab	ppm	Cadmium, Cd
51	4	-3.319
51	3	-1.659
275	3	-1.659
275	3	-1.560
Std Dev	3	-1.000

78	3	-0.954
78	2	-0.772
35	2	0.000
35	2	0.000
45	2	0.000
45	2	0.000
75	2	0.000
Median	2	0.000
75	2	0.166
Std Dev	1	1.000
24	1	1.908
24	0	3.319
52	0	3.319

923 Other(describe)		
Lab	ppm	Cadmium, Cd
20	5	-0.703
20	5	-0.650
Median	3	0.000
13	1	0.650
69	1	0.756

931 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Cobalt, Co
55	8	0.000
Median	8	0.000

932 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Cobalt, Co
78	5	-1.225
78	5	-1.225
Std Dev	5	-1.000
35	4	-0.613
45	4	-0.613
35	3	0.000
45	3	0.000
Median	3	0.000
24	3	0.245
24	2	0.888
Std Dev	1	1.000
75	1	1.164
75	0	1.838

933 Other(describe)		
Lab	ppm	Cobalt, Co
69	4	-0.900
13	4	-0.523
Median	3	0.000
20	3	0.523
Std Dev	3	1.000
20	2	1.322

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
35	0.0	0.000
35	0.0	0.000
Median	0.0	0.000

943 Other(describe)		
Lab	ppm	Mercury, Hg
20	73.0	-1.030
20	73.0	-1.030
Std Dev	71.8	-1.000
24	32.0	-0.036
Median	30.5	0.000
24	29.0	0.036

13	0.3	0.732
69	0.0	0.739

951 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Iolybdenum, Mo
55	7	0.000
Median	7	0.000

952 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Iolybdenum, Mo
24	13	-0.162
45	13	-0.097
45	13	-0.097
78	13	-0.011
Median	13	0.000
78	13	0.011
24	12	0.465
Std Dev	10	1.000
20	5	3.574
20	5	3.583

953 Other(describe)		
Lab	ppm	Iolybdenum, Mo
13	14	-1.340
Std Dev	14	-1.000
Median	13	0.000
Std Dev	12	1.000
69	11	1.340

961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni
55	20	0.000
Median	20	0.000

962 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Nickel, Ni
35	21	-4.204
35	21	-4.204
Std Dev	15	-1.000
45	14	-0.525
45	13	0.000
78	13	0.000
78	13	0.000
Median	13	0.000

24	12	0.447
Std Dev	11	1.000
52	11	1.051
24	11	1.104
75	10	1.603
75	9	2.233

963 Other(describe)		
Lab	ppm	Nickel, Ni
19	30	-3.247
19	21	-1.225
Std Dev	20	-1.000
20	16	-0.101
Median	16	0.000
20	15	0.101
69	13	0.494
13	12	0.697

971 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Lead, Pb
55	6	0.000
Median	6	0.000

972 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Lead, Pb
51	15	-3.848
51	14	-2.953
35	12	-1.163
35	12	-1.163
Std Dev	12	-1.000
78	11	0.000
275	11	0.000
Median	11	0.000
78	11	0.089
275	10	0.206
Std Dev	10	1.000
24	4	5.682
24	3	7.248

973 Other(describe)		
Lab	ppm	Lead, Pb
13	16	-3.980
Std Dev	11	-1.000
20	10	-0.108

Median	10	0.000
20	10	0.108
69	9	0.733

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	8	0.000
20	8	0.000
Median	8	0.000

983 Other(describe)		
Lab	ppm	Selenium, Se
13	10	-1.340
Std Dev	9	-1.000
Median	5	0.000
Std Dev	1	1.000
69	0	1.340

991 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn
55	23	0.000
Median	23	0.000

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
24	31	-1.583
24	30	-1.409
Std Dev	28	-1.000
35	27	-0.693
35	26	-0.462
78	24	0.000
78	24	0.000
Median	24	0.000
75	23	0.231
75	22	0.370
Std Dev	20	1.000
45	19	1.155
45	17	1.617
52	11	3.003

993 Other(describe)		
Lab	ppm	Zinc, Zn
19	28	-1.142
Std Dev	26	-1.000
69	20	-0.519
13	14	0.000
Median	14	0.000
20	4	0.821
20	3	0.852