

AFPC Rock Check Program

Sample No. 2016-07

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	31	0.84	0.104
Other (describe)	102			
Method Group 100		31	0.84	0.10
P₂O₅				
Gravimetric AFPC IX.3.B	201	3	27.37	0.026
ICP-induced coupled plasma AFPC IX.3.D	202	3	27.40	0.873
Photometric-AFPC IX.3.C	203	19	27.36	0.187
Automated -AOAC 978.01-15th	204	11	27.53	0.243
Other(describe)	205	4	26.75	1.431
Method Group 200		40	27.40	0.20
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	27.46	0.018
ICP-induced coupled plasma AFPC IX.3.D	212	3	27.64	0.879
Photometric-AFPC IX.3.C	213	13	27.57	0.179
Automated -AOAC 978.01-15th	214	11	27.75	0.262
Other(describe)	215	2	25.24	0.814
Method Group 210		31	27.61	0.21
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	1	0.97	0.000
ICP-induced coupled plasma-AFPC IX.6.C	302	29	1.03	0.045
Other(describe)	303	7	1.05	0.177
Method Group 300		37	1.03	0.05
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	1	0.57	0.000
ICP-induced coupled plasma-AFPC IX.7.C	402	29	0.97	0.090
Other(describe)	403	7	1.05	0.153
Method Group 400		37	0.97	0.09
MgO				
Atomic Absorption-AFPC IX.8.A	501	3	0.57	0.097
ICP-induced coupled plasma-AFPC IX.8.B	502	27	0.56	0.019
Other(describe)	503	7	0.58	0.017
Method Group 500		37	0.56	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	19	15.12	0.218
Other(describe)	602	4	15.38	0.728
Method Group 600		23	15.12	0.25
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	15	3.97	0.121
Other(describe)	652	13	3.95	1.899
Method Group 650		28	3.97	0.34
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	22	41.35	1.046
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704			
EDTA Volumetric-AFPC IX.12.C	705	3	44.14	1.004
Other(describe)	706	12	41.96	0.699
Method Group 700		37	41.50	0.97
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	16	41.85	0.393
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714			
EDTA Volumetric-AFPC IX.12.C	715	3	44.29	0.924
Other(describe)	716	9	42.35	0.164
Method Group 710		27	41.98	0.50

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	20	3.30	0.119
Other (describe)	803	6	3.33	0.203
Method Group 800		26	3.30	0.15
Arsenic, As				
Atomic Absorption	911	1	11.0	0.00
ICP-induced coupled plasma-AFPC IX.15.B	912	11	8.1	2.39
Other(describe)	913	2	8.3	0.04
Method Group 900		14	8.3	2.39
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	2	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	18	3	0.3
Other(describe)	923	3	7	1.8
Method Group 910		22	3	2.4
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	3	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	15	9	0.9
Other(describe)	933	3	28	6.8
Method Group 920		19	9	1.6
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941	1	0.1	0.00
ICP-induced coupled plasma-AFPC IX.16.A	942	5	0.1	0.13
Other(describe)	943	1	0.4	0.00
Method Group 930		7	0.1	0.11
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	18	0.0
ICP-induced coupled plasma-AFPC IX.16.A	952	9	7	1.5
Other(describe)	953	1	8	0.0
Method Group 940		11	7	1.4
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	9	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	18	24	4.3
Other(describe)	963	2	30	2.5
Method Group 950		21	24	5.4
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	7	0.0
ICP-induced coupled plasma-AFPC IX.16.A	972	13	6	3.7
Other(describe)	973	3	4	1.7
Method Group 960		17	6	2.5
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981	1	24	0.0
ICP-induced coupled plasma-AFPC IX.16.A	982	3	1	0.5
Other(describe)	983	1	3	0.0
Method Group 970		5	1	1.3
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	44	0
ICP-induced coupled plasma-AFPC IX.16.A	992	16	40	7
Other(describe)	993	4	41	6
Method Group 980		21	40	6

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	
52	0.96		-1.196
Std Dev	0.94		-1.000
10	0.92		-0.814
20	0.92		-0.766
6	0.90		-0.622
21	0.90		-0.622
61	0.90		-0.622
266	0.90		-0.622
24	0.90		-0.574
13	0.89		-0.479
10	0.88		-0.431
15	0.88		-0.383
21	0.86		-0.239
13	0.86		-0.191
26	0.86		-0.191
15	0.84		0.000
75	0.84		0.000
Median	0.84		0.000
24	0.83		0.096
49	0.82		0.144
6	0.82		0.191
9	0.80		0.335
61	0.79		0.431
9	0.77		0.670
75	0.75		0.814
275	0.75		0.814
275	0.75		0.814
Std Dev	0.73		1.000
55	0.68		1.484
35	0.37		4.451
35	0.33		4.834
20	0.33		4.881
77	0.28		5.312
77	0.25		5.599

102 Other (describe)			
Lab	%	H ₂ O	
Median	0.00		0.000

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
77	27.37		-0.191

56	27.37		0.000
Median	27.37		0.000
Std Dev	27.34		1.000
55	27.30		2.489

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
266	29.65		-2.577
Std Dev	28.27		-1.000
10	27.40		0.000
Median	27.40		0.000
10	27.31		0.103

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
35	27.64		-1.479
9	27.58		-1.158
9	27.57		-1.077
Std Dev	27.55		-1.000
49	27.51		-0.783
52	27.50		-0.729
45	27.49		-0.675
35	27.45		-0.461
6	27.43		-0.354
45	27.40		-0.193
275	27.36		0.000
Median	27.36		0.000
275	27.34		0.142
78	27.29		0.423
6	27.26		0.584
92	27.25		0.611
26	27.24		0.665
92	27.19		0.933
Std Dev	27.18		1.000
78	27.16		1.120
61	26.85		2.755
61	26.60		4.095

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
15	27.93		-1.649
15	27.93		-1.629
Std Dev	27.77		-1.000
75	27.72		-0.783

24	27.66		-0.536
24	27.64		-0.454
77	27.53		0.000
Median	27.53		0.000
13	27.51		0.103
13	27.43		0.412
75	27.30		0.948
Std Dev	27.29		1.000
21	27.27		1.072
21	27.24		1.216

205 Other(describe)			
Lab	%	P2O5	
56	27.83		-0.756
19	27.40		-0.456
Median	26.75		0.000
20	26.10		0.456
Std Dev	25.32		1.000
20	24.08		1.868

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
55	27.49		-1.340
Std Dev	27.48		-1.000
Median	27.46		0.000
Std Dev	27.44		1.000
77	27.44		1.340

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
266	29.92		-2.589
Std Dev	28.52		-1.000
10	27.64		0.000
Median	27.64		0.000
10	27.56		0.091

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
9	27.79		-1.238
9	27.79		-1.208
52	27.77		-1.093
Std Dev	27.75		-1.000
35	27.74		-0.959
49	27.74		-0.930

6	27.66		-0.472
275	27.57		0.000
Median	27.57		0.000
275	27.54		0.149
35	27.54		0.167
6	27.50		0.381
26	27.47		0.535
Std Dev	27.39		1.000
61	27.06		2.829
61	26.84		4.069

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
15	28.17		-1.607
15	28.17		-1.583
Std Dev	28.01		-1.000
75	27.93		-0.683
24	27.91		-0.608
24	27.87		-0.456
13	27.75		0.000
Median	27.75		0.000
13	27.67		0.321
77	27.61		0.547
75	27.53		0.843
21	27.51		0.932
Std Dev	27.49		1.000
21	27.48		1.024

215 Other(describe)			
Lab	%	P2O5	dB
20	26.34		-1.340
Std Dev	26.06		-1.000
Median	25.24		0.000
Std Dev	24.43		1.000
20	24.15		1.340

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
55	0.97		0.000
Median	0.97		0.000

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
35	1.24		-4.802

35	1.22	-4.355
266	1.12	-2.122
75	1.11	-1.848
75	1.08	-1.241
21	1.07	-1.005
45	1.07	-1.005
Std Dev	1.07	-1.000
15	1.06	-0.782
15	1.06	-0.670
78	1.06	-0.670
78	1.06	-0.670
92	1.05	-0.558
45	1.04	-0.335
92	1.04	-0.335
6	1.03	0.000
21	1.03	0.000
61	1.03	0.000
Median	1.03	0.000
61	1.02	0.112
9	1.02	0.223
6	1.01	0.335
9	1.01	0.447
10	1.00	0.558
10	1.00	0.558
13	1.00	0.558
13	1.00	0.670
49	0.99	0.782
Std Dev	0.98	1.000
24	0.96	1.563
24	0.94	2.010
52	0.80	5.025

303 Other(describe)		
Lab	%	Fe2O3
56	1.21	-0.931
77	1.13	-0.480
77	1.11	-0.367
65	1.05	0.000
Median	1.05	0.000
19	0.90	0.818
Std Dev	0.87	1.000
20	0.87	1.016
20	0.86	1.030

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
55	0.57	0.000
Median	0.57	0.000

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
266	1.16	-2.178
78	1.16	-2.122
35	1.15	-2.066
78	1.14	-1.898
52	1.10	-1.508
61	1.10	-1.508
61	1.06	-1.005
Std Dev	1.05	-1.000
92	1.05	-0.949
92	1.05	-0.949
75	0.99	-0.254
21	0.98	-0.168
45	0.98	-0.168
21	0.98	-0.112
24	0.98	-0.112
9	0.97	0.000
Median	0.97	0.000
9	0.96	0.056
45	0.96	0.056
24	0.96	0.112
6	0.95	0.168
6	0.95	0.223
75	0.94	0.321
10	0.93	0.391
10	0.93	0.391
49	0.93	0.391
15	0.93	0.447
15	0.92	0.558
13	0.89	0.838
Std Dev	0.88	1.000
13	0.87	1.117
35	0.14	9.213

403 Other(describe)		
Lab	%	Al2O3
65	1.16	-0.732
77	1.10	-0.327

77	1.08	-0.196
56	1.05	0.000
Median	1.05	0.000
19	0.94	0.719
Std Dev	0.90	1.000
20	0.83	1.438
20	0.77	1.863

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
35	0.59	-0.206
35	0.57	0.000
Median	0.57	0.000
Std Dev	0.47	1.000
55	0.33	2.474

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
21	0.60	-2.144
45	0.59	-1.608
6	0.59	-1.340
61	0.59	-1.340
45	0.58	-1.072
49	0.58	-1.072
Std Dev	0.58	-1.000
6	0.57	-0.536
10	0.57	-0.536
13	0.57	-0.268
15	0.57	-0.268
9	0.56	0.000
9	0.56	0.000
10	0.56	0.000
13	0.56	0.000
15	0.56	0.000
21	0.56	0.000
24	0.56	0.000
24	0.56	0.000
Median	0.56	0.000
78	0.55	0.536
266	0.55	0.536
Std Dev	0.54	1.000
78	0.54	1.072
61	0.52	2.144
92	0.52	2.144

92	0.52	2.144
75	0.51	2.804
52	0.49	3.752
75	0.48	4.151

503 Other(describe)		
Lab	%	MgO
20	0.64	-3.204
20	0.61	-1.457
Std Dev	0.60	-1.000
77	0.58	0.000
77	0.58	0.000
Median	0.58	0.000
56	0.57	0.583
65	0.57	0.641
Std Dev	0.56	1.000
19	0.52	3.496

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
55	16.80	-7.696
61	15.50	-1.741
Std Dev	15.34	-1.000
35	15.31	-0.870
24	15.27	-0.687
24	15.27	-0.664
35	15.26	-0.641
9	15.23	-0.504
26	15.15	-0.115
15	15.13	-0.023
49	15.12	0.000
Median	15.12	0.000
15	15.10	0.115
9	15.07	0.229
21	15.04	0.366
21	15.03	0.412
10	14.91	0.962
Std Dev	14.90	1.000
10	14.81	1.420
13	14.79	1.535
13	14.68	2.039
61	13.10	9.254

602 Other(describe)			
Lab	%	Al	
19	16.24		-1.189
Std Dev	16.10		-1.000
266	15.80		-0.584
Median	15.38		0.000
6	14.95		0.584
6	14.89		0.667

651 Gasometric-AFPC IX.13.B			
Lab	%	CO2	
61	5.26		-10.638
61	4.67		-5.731
Std Dev	4.09		-1.000
9	4.09		-0.990
6	4.04		-0.577
77	4.00		-0.247
9	3.98		-0.082
49	3.97		0.000
77	3.97		0.000
Median	3.97		0.000
13	3.96		0.082
13	3.90		0.618
21	3.89		0.660
Std Dev	3.85		1.000
15	3.83		1.196
15	3.75		1.855
52	3.70		2.226
6	3.67		2.515

652 Other(describe)			
Lab	%	CO2	
35	7.21		-1.716
35	7.14		-1.680
78	6.47		-1.327
78	6.45		-1.316
Std Dev	5.85		-1.000
20	5.65		-0.895
56	4.22		-0.142
275	3.95		0.000
Median	3.95		0.000
24	3.94		0.008
275	3.91		0.021
24	3.91		0.024

20	3.48		0.250
55	3.10		0.448
266	2.97		0.516

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	
61	42.57		-1.164
Std Dev	42.40		-1.000
21	42.05		-0.667
21	42.01		-0.629
9	41.67		-0.304
49	41.64		-0.275
9	41.59		-0.227
10	41.54		-0.179
10	41.50		-0.141
13	41.47		-0.112
6	41.46		-0.103
6	41.39		-0.036
Median	41.35		0.000
13	41.32		0.036
45	40.89		0.442
78	40.68		0.648
75	40.50		0.820
78	40.38		0.935
Std Dev	40.31		1.000
92	40.11		1.188
45	40.09		1.207
75	39.98		1.309
61	39.95		1.341
92	39.73		1.552
52	39.40		1.867

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

704 Permanganate			
Lab	%	CaO	
Median	0.00		0.000

705 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	
35	44.25		-0.110
35	44.14		0.000
Median	44.14		0.000
Std Dev	43.14		1.000
266	41.56		2.570

706 Other(describe)			
Lab	%	CaO	
20	51.01		-12.953
55	46.98		-7.185
Std Dev	42.66		-1.000
20	42.13		-0.243
15	42.13		-0.236
24	41.98		-0.021
15	41.97		-0.014
Median	41.96		0.000
24	41.95		0.014
56	41.53		0.615
Std Dev	41.26		1.000
65	41.22		1.059
77	41.10		1.231
19	40.91		1.503
77	40.50		2.090

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
61	42.91		-2.700
21	42.41		-1.442
21	42.39		-1.383
Std Dev	42.24		-1.000
9	42.01		-0.402
49	41.98		-0.347
10	41.93		-0.198
9	41.91		-0.159
10	41.87		-0.052
Median	41.85		0.000
13	41.83		0.052
6	41.80		0.121

6	41.77		0.209
13	41.68		0.418
Std Dev	41.46		1.000
75	40.80		2.665
75	40.32		3.887
61	40.31		3.907
52	39.78		5.258

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

714 Permanganate			
Lab	%	CaO	dB
Median	0.00		0.000

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
35	44.41		-0.139
35	44.29		0.000
Median	44.29		0.000
Std Dev	43.36		1.000
266	41.94		2.541

716 Other(describe)			
Lab	%	CaO	dB
20	51.18		-53.715
55	47.30		-30.124
20	42.52		-1.005
Std Dev	42.52		-1.000
15	42.48		-0.765
24	42.35		0.000
Median	42.35		0.000
15	42.34		0.083
24	42.30		0.335
Std Dev	42.19		1.000
77	41.22		6.933
77	40.60		10.671

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	
52	3.49		-1.570
35	3.47		-1.403
15	3.45		-1.235
15	3.44		-1.110
Std Dev	3.42		-1.000
35	3.40		-0.817
6	3.38		-0.607
6	3.36		-0.482
75	3.35		-0.398
21	3.31		-0.063
9	3.31		-0.021
Median	3.30		0.000
26	3.30		0.021
49	3.29		0.105
9	3.28		0.230
13	3.23		0.607
24	3.23		0.649
266	3.21		0.775
24	3.19		0.942
Std Dev	3.18		1.000
75	3.18		1.026
13	3.11		1.612
55	2.92		3.203

803 Other(describe)			
Lab	%	Fluorine, F	
20	3.84		-2.532
Std Dev	3.53		-1.000
19	3.47		-0.713
65	3.42		-0.467
Median	3.33		0.000
77	3.23		0.467
77	3.17		0.762
Std Dev	3.12		1.000
20	3.04		1.426

911 Atomic Absorption-AFPC			
Lab	ppm	Arsenic, As	
55	11.0		0.000
Median	11.0		0.000

912 ICP-induced coupled plasma-AFPC IX.15.B			
Lab	ppm	Arsenic, As	
61	12.5		-1.824
35	12.0		-1.633
35	11.0		-1.214
61	10.7		-1.068
Std Dev	10.5		-1.000
78	9.4		-0.544
77	8.1		0.000
Median	8.1		0.000
24	7.8		0.147
24	7.7		0.168
78	7.6		0.230
266	7.0		0.461
Std Dev	5.7		1.000
52	3.2		2.052

913 Other(describe)			
Lab	ppm	Arsenic, As	
13	8.3		-1.340
Std Dev	8.3		-1.000
Median	8.3		0.000
Std Dev	8.2		1.000
77	8.2		1.340

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	
61	14		-33.778
61	11		-26.086
275	9		-20.444
45	8		-15.858
78	3		-1.047
Std Dev	3		-1.000
35	3		0.000
35	3		0.000
45	3		0.000
77	3		0.000
78	3		0.000
Median	3		0.000

75	3		0.159
24	3		0.317
75	3		0.317
24	3		0.634
Std Dev	3		1.000
275	3		1.268
266	2		2.220
77	1		6.343
52	0		9.198

923 Other(describe)			
Lab	ppm	Cadmium, Cd	
20	8		-0.468
20	7		0.000
Median	7		0.000
Std Dev	5		1.000
13	3		2.212

931 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Cobalt, Co	
55	3		0.000
Median	3		0.000

932 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Cobalt, Co	
61	11		-2.251
61	10		-1.742
77	10		-1.501
Std Dev	10		-1.000
78	10		-0.965
78	9		-0.429
75	9		-0.322
75	9		-0.107
24	9		0.000
Median	9		0.000
24	9		0.107
35	8		0.643
35	8		0.643
45	8		0.643
45	8		0.643
77	8		0.643
Std Dev	8		1.000
266	6		2.573

933 Other(describe)			
Lab	ppm	Cobalt, Co	
20	29		-0.148
20	28		0.000
Median	28		0.000
Std Dev	21		1.000
13	10		2.532

941 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Mercury, Hg	
55	0.1		0.000
Median	0.1		0.000

942 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Mercury, Hg	
35	0.2		-0.856
35	0.2		-0.856
266	0.1		0.000
Median	0.1		0.000
61	0.0		0.484
61	0.0		0.484

943 Other(describe)			
Lab	ppm	Mercury, Hg	
13	0.4		0.000
Median	0.4		0.000

951 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Iolybdenum, Mo	
55	18		0.000
Median	18		0.000

952 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Iolybdenum, Mo	
61	9		-1.327
Std Dev	8		-1.000
266	8		-0.829
61	7		-0.511
77	7		-0.299
78	7		0.000
Median	7		0.000
78	6		0.066
24	5		0.829
24	5		0.929

Std Dev	5	1.000
	77	5
		1.028

953 Other(describe)		
Lab	ppm	Iolybdenum, Mo
13	8	0.000
Median	8	0.000

961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni
55	9	0.000
Median	9	0.000

962 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Nickel, Ni
20	47	-5.500
20	47	-5.407
266	29	-1.179
Std Dev	28	-1.000
61	28	-0.898
61	26	-0.420
77	25	-0.269
75	25	-0.234
78	24	-0.035
78	24	-0.035
Median	24	0.000
75	24	0.035
24	23	0.234
24	22	0.362
77	22	0.432
Std Dev	20	1.000
35	19	1.133
45	19	1.133
45	19	1.133
35	18	1.366
52	15	2.137

963 Other(describe)		
Lab	ppm	Nickel, Ni
19	33	-1.340
Std Dev	32	-1.000
Median	30	0.000
Std Dev	27	1.000
13	26	1.340

971 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Lead, Pb
55	7	0.000
Median	7	0.000

972 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Lead, Pb
61	18	-3.223
61	16	-2.789
Std Dev	10	-1.000
275	9	-0.894
266	9	-0.793
24	6	-0.027
35	6	0.000
35	6	0.000
Median	6	0.000
24	5	0.178
78	5	0.342
77	4	0.547
78	4	0.547
275	3	0.928
Std Dev	2	1.000
77	2	1.094

973 Other(describe)		
Lab	ppm	Lead, Pb
13	7	-2.236
Std Dev	5	-1.000
20	4	0.000
Median	4	0.000
20	3	0.444

981 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Selenium, Se
55	24	0.000
Median	24	0.000

982 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Selenium, Se
266	1	-0.766
77	1	0.000
Median	1	0.000
Std Dev	0	1.000

61	0	1.914
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983 Other(describe)		
Lab	ppm	Selenium, Se
13	3	0.000
Median	3	0.000

991 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn
55	44	0.000
Median	44	0.000

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
24	90	-6.756
24	86	-6.223
61	52	-1.602
61	48	-1.065
75	47	-1.005
Std Dev	47	-1.000
75	45	-0.735
78	42	-0.236
35	40	-0.034
Median	40	0.000
78	40	0.034
77	39	0.101
35	38	0.236
266	38	0.303
77	37	0.371
45	35	0.641
45	35	0.641
Std Dev	32	1.000
52	11	3.917

993 Other(describe)		
Lab	ppm	Zinc, Zn
19	46	-0.808
13	44	-0.381
Median	41	0.000
20	39	0.381
Std Dev	35	1.000
19	28	2.265