

AFPC Rock Check Program

Sample No. 2013-07

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	28	0.70	0.132
Other (describe)	102			
Method Group 100		28	0.70	0.13
P₂O₅				
Gravimetric AFPC IX.3.B	201	1	29.07	0.000
ICP-induced coupled plasma AFPC IX.3.D	202	4	28.91	0.051
Photometric-AFPC IX.3.C	203	18	28.76	0.203
Automated -AOAC 978.01-15th	204	13	28.74	0.216
Other(describe)	205	1	28.67	0.000
Method Group 200		37	28.79	0.19
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	1	29.17	0.000
ICP-induced coupled plasma AFPC IX.3.D	212	4	29.14	0.056
Photometric-AFPC IX.3.C	213	10	29.04	0.026
Automated -AOAC 978.01-15th	214	13	28.91	0.242
Other(describe)	215			
Method Group 210		28	29.03	0.15
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	1	1.23	0.000
ICP-induced coupled plasma-AFPC IX.6.C	302	32	1.22	0.041
Other(describe)	303	3	1.21	0.067
Method Group 300		36	1.22	0.04
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401			
ICP-induced coupled plasma-AFPC IX.7.C	402	32	0.96	0.060
Other(describe)	403	3	1.09	0.067
Method Group 400		35	0.96	0.07
MgO				
Atomic Absorption-AFPC IX.8.A	501	3	0.64	0.026
ICP-induced coupled plasma-AFPC IX.8.B	502	28	0.64	0.019
Other(describe)	503	3	0.59	0.019
Method Group 500		34	0.64	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	21	10.27	0.201
Other(describe)	602	4	10.59	1.229
Method Group 600		25	10.27	0.22
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	14	4.44	0.206
Other(describe)	652	5	4.04	3.358
Method Group 650		19	4.43	0.29
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	21	44.08	0.731
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	1	43.95	0.000
EDTA Volumetric-AFPC IX.12.C	705	5	44.09	0.563
Other(describe)	706	9	44.38	0.216
Method Group 700		36	44.11	0.49
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	14	44.38	0.591
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714			
EDTA Volumetric-AFPC IX.12.C	715	5	44.34	0.607
Other(describe)	716	8	44.66	0.171
Method Group 710		27	44.44	0.35

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	20	3.50	0.113
Other(describe)	803	3	3.52	0.004
Method Group 800		23	3.52	0.10
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	11	6.7	2.44
Other(describe)	913	2	5.6	1.70
Method Group 900		13	6.7	2.61
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	15	3	0.7
Other(describe)	923	1	3	0.0
Method Group 910		16	3	0.5
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	14	5	0.8
Other(describe)	933	1	6	0.0
Method Group 920		15	5	0.8
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	2	0.1	0.00
Other(describe)	943	1	0.1	0.00
Method Group 930		3	0.1	0.02
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	10	6	1.7
Other(describe)	953	1	8	0.0
Method Group 940		11	6	1.5
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	15	19	1.9
Other(describe)	963	1	21	0.0
Method Group 950		16	19	2.1
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	12	5	2.9
Other(describe)	973	1	6	0.0
Method Group 960		13	5	2.5
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	1	1	0.0
Other(describe)	983	1	2	0.0
Method Group 970		2	2	0.2
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	63	0
ICP-induced coupled plasma-AFPC IX.16.A	992	15	38	10
Other(describe)	993	3	33	3
Method Group 980		19	38	10

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	
24	0.86		-1.189
21	0.84		-1.000
Std Dev	0.83		-1.000
266	0.80		-0.736
15	0.79		-0.661
16	0.78		-0.585
15	0.77		-0.510
10	0.77		-0.472
10	0.76		-0.434
49	0.76		-0.434
75	0.75		-0.359
9	0.72		-0.132
16	0.72		-0.132
75	0.72		-0.132
24	0.71		-0.057
Median	0.70		0.000
9	0.70		0.057
13	0.68		0.170
13	0.68		0.170
6	0.67		0.245
21	0.67		0.283
26	0.59		0.849
61	0.59		0.849
Std Dev	0.57		1.000
61	0.57		1.038
275	0.56		1.076
275	0.56		1.114
35	0.49		1.604
35	0.41		2.208
77	0.35		2.661
77	0.35		2.661

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

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
77	29.07		0.000
Median	29.07		0.000

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
10	28.96		-0.926
266	28.93		-0.341
Median	28.91		0.000
10	28.90		0.341
Std Dev	28.86		1.000
16	28.79		2.388

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
35	29.28		-2.545
35	29.13		-1.807
Std Dev	28.97		-1.000
275	28.87		-0.504
9	28.85		-0.430
26	28.85		-0.430
16	28.84		-0.381
49	28.83		-0.332
275	28.83		-0.332
9	28.83		-0.307
Median	28.76		0.000
60	28.70		0.307
92	28.68		0.406
6	28.64		0.602
45	28.59		0.848
92	28.57		0.947
Std Dev	28.56		1.000
45	28.55		1.045
78	28.40		1.807
78	28.39		1.856
270	27.81		4.697

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
15	28.88		-0.624
15	28.87		-0.578
21	28.85		-0.508
24	28.84		-0.462
75	28.83		-0.393
24	28.77		-0.139
77	28.74		0.000
Median	28.74		0.000
75	28.69		0.231

13	28.68		0.277
61	28.55		0.878
61	28.54		0.924
Std Dev	28.52		1.000
13	28.52		1.017
21	28.33		1.894

205 Other(describe)			
Lab	%	P2O5	
19	28.67		0.000
Median	28.67		0.000

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
77	29.17		0.000
Median	29.17		0.000

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
10	29.18		-0.732
266	29.16		-0.404
Median	29.14		0.000
10	29.12		0.404
Std Dev	29.08		1.000
16	29.02		2.203

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
35	29.42		-14.926
35	29.25		-8.192
Std Dev	29.06		-1.000
9	29.06		-0.822
49	29.05		-0.496
16	29.05		-0.433
Median	29.04		0.000
9	29.03		0.433
275	29.03		0.458
26	29.02		0.646
Std Dev	29.01		1.000
275	28.99		1.762
6	28.83		7.913

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB

15	29.10		-0.820
24	29.09		-0.759
15	29.09		-0.754
21	29.04		-0.564
75	29.03		-0.527
24	28.98		-0.285
75	28.91		0.000
Median	28.91		0.000
13	28.88		0.126
77	28.84		0.273
61	28.72		0.776
13	28.72		0.793
61	28.70		0.847
Std Dev	28.67		1.000
21	28.57		1.400

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

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
60	1.23		0.000
Median	1.23		0.000

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
275	1.41		-4.690
275	1.28		-1.401
21	1.27		-1.279
Std Dev	1.26		-1.000
16	1.25		-0.792
16	1.25		-0.792
10	1.25		-0.670
10	1.25		-0.670
9	1.24		-0.548
13	1.24		-0.548
9	1.24		-0.426
15	1.24		-0.426
13	1.23		-0.305
15	1.23		-0.305
266	1.23		-0.305
270	1.23		-0.305
49	1.22		-0.061

Lab	%	Fe2O3
6	1.22	0.061
45	1.21	0.183
75	1.21	0.260
61	1.20	0.378
21	1.20	0.426
45	1.20	0.426
61	1.20	0.426
78	1.19	0.670
Std Dev	1.18	1.000
78	1.17	1.157
92	1.17	1.157
92	1.15	1.645
75	1.14	1.801
24	1.13	2.254
24	1.12	2.375
35	0.80	10.172
35	0.78	10.659

303 Other(describe)		
Lab	%	Fe2O3
77	1.28	-1.042
Std Dev	1.28	-1.000
77	1.21	0.000
Median	1.21	0.000
Std Dev	1.14	1.000
19	1.10	1.638

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
Median	0.00	0.000

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
275	1.23	-4.523
78	1.14	-3.099
78	1.14	-3.015
266	1.12	-2.764
275	1.08	-2.094
61	1.07	-1.843
61	1.03	-1.290
Std Dev	1.01	-1.000
21	1.01	-0.921
92	1.01	-0.921

92	1.01	-0.921
45	1.00	-0.754
45	0.98	-0.419
9	0.96	-0.084
9	0.96	0.000
15	0.96	0.000
15	0.96	0.000
24	0.96	0.000
Median	0.96	0.000
24	0.95	0.084
10	0.94	0.251
21	0.94	0.251
75	0.94	0.314
10	0.94	0.335
6	0.93	0.419
16	0.93	0.419
49	0.93	0.419
75	0.92	0.514
13	0.92	0.586
16	0.92	0.586
13	0.91	0.754
270	0.90	0.921
Std Dev	0.90	1.000
35	0.76	3.266
35	0.68	4.606

403 Other(describe)		
Lab	%	Al2O3
77	1.11	-0.298
77	1.09	0.000
Median	1.09	0.000
Std Dev	1.02	1.000
19	0.93	2.382

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
35	0.67	-1.149
Std Dev	0.67	-1.000
35	0.64	0.000
Median	0.64	0.000
Std Dev	0.61	1.000
60	0.60	1.531

502 ICP-induced coupled plasma-AFPC IX.8.B			
Lab	%	MgO	
92	0.69	-2.948	
92	0.68	-2.412	
270	0.66	-1.554	
45	0.66	-1.340	
Std Dev	0.65	-1.000	
21	0.65	-0.804	
45	0.65	-0.804	
10	0.65	-0.536	
15	0.65	-0.536	
15	0.65	-0.536	
13	0.64	-0.268	
16	0.64	-0.268	
49	0.64	-0.268	
266	0.64	-0.268	
6	0.64	0.000	
10	0.64	0.000	
61	0.64	0.000	
Median	0.64	0.000	
61	0.63	0.054	
16	0.63	0.268	
24	0.63	0.268	
21	0.63	0.536	
9	0.62	0.804	
9	0.62	0.804	
24	0.62	0.804	
78	0.62	0.804	
Std Dev	0.62	1.000	
78	0.62	1.072	
13	0.61	1.340	
75	0.55	4.407	
75	0.54	5.260	

503 Other(describe)		
Lab	%	MgO
19	0.63	-2.144
Std Dev	0.61	-1.000
77	0.59	0.000
Median	0.59	0.000
77	0.58	0.536

601 Insoluble-AFPC IX.4.A		
Lab	%	Al

24	10.46	-0.943
16	10.41	-0.695
16	10.39	-0.596
10	10.33	-0.273
15	10.33	-0.273
49	10.32	-0.248
24	10.31	-0.199
15	10.31	-0.199
10	10.29	-0.099
9	10.27	0.000
21	10.27	0.000
Median	10.27	0.000
35	10.16	0.546
45	10.16	0.546
35	10.15	0.596
9	10.11	0.794
Std Dev	10.07	1.000
6	10.05	1.092
21	10.03	1.216
45	9.95	1.588
26	9.93	1.712
13	9.83	2.184
13	9.81	2.283

602 Other(describe)		
Lab	%	Al
19	11.44	-0.693
266	11.40	-0.661
Median	10.59	0.000
275	9.78	0.661
275	9.73	0.702

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
6	4.99	-2.656
21	4.67	-1.104
Std Dev	4.65	-1.000
21	4.64	-0.958
49	4.55	-0.521
77	4.49	-0.230
15	4.48	-0.182
24	4.46	-0.061
Median	4.44	0.000
15	4.43	0.061

9	4.30	0.691
9	4.30	0.691
61	4.25	0.958
61	4.25	0.958
Std Dev	4.24	1.000
13	4.17	1.322
13	4.14	1.467

652 Other(describe)		
Lab	%	CO2
35	8.52	-1.336
35	8.44	-1.312
Std Dev	7.39	-1.000
78	4.04	0.000
Median	4.04	0.000
266	3.94	0.028
78	3.85	0.055

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	45.70	-2.215
92	45.04	-1.313
270	44.82	-1.017
Std Dev	44.81	-1.000
10	44.56	-0.649
49	44.41	-0.451
45	44.33	-0.342
92	44.29	-0.287
10	44.29	-0.280
21	44.23	-0.198
9	44.12	-0.055
16	44.08	0.000
Median	44.08	0.000
16	44.01	0.096
9	44.00	0.109
6	43.79	0.397
78	43.53	0.752
21	43.35	0.998
Std Dev	43.35	1.000
75	43.27	1.102

45	43.25	1.135
78	43.22	1.183
75	42.61	2.011
61	39.48	6.290

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

704 Permanganate		
Lab	%	CaO
60	43.95	0.000
Median	43.95	0.000

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
275	44.12	-0.053
275	44.10	-0.009
266	44.09	0.000
Median	44.09	0.000
Std Dev	43.53	1.000
35	43.34	1.331
35	43.03	1.881

706 Other(describe)		
Lab	%	CaO
77	44.80	-1.941
Std Dev	44.60	-1.000
24	44.44	-0.254
24	44.41	-0.116
77	44.40	-0.092
13	44.38	0.000
Median	44.38	0.000
13	44.34	0.185
Std Dev	44.16	1.000
15	44.12	1.224
15	44.10	1.294
19	43.80	2.680

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	45.96	-2.675	
Std Dev	44.97	-1.000	
10	44.90	-0.877	
49	44.75	-0.629	
10	44.63	-0.420	
21	44.52	-0.242	
9	44.44	-0.105	
16	44.40	-0.037	
Median	44.38	0.000	
16	44.36	0.037	
9	44.31	0.118	
6	44.09	0.495	
Std Dev	43.79	1.000	
21	43.72	1.121	
75	43.60	1.314	
75	42.92	2.468	
61	39.71	7.886	

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
266	44.45	-0.169	
275	44.37	-0.038	
275	44.34	0.000	
Median	44.34	0.000	
Std Dev	43.74	1.000	
35	43.55	1.302	
35	43.21	1.873	

716 Other(describe)			
Lab	%	CaO	dB
77	44.96	-1.721	
Std Dev	44.83	-1.000	
24	44.79	-0.741	
24	44.75	-0.522	

13	44.68	-0.118
Median	44.66	0.000
13	44.64	0.118
77	44.56	0.632
Std Dev	44.49	1.000
15	44.47	1.157
15	44.44	1.299

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
13	3.61	-0.997
270	3.60	-0.908
13	3.59	-0.820
275	3.58	-0.731
275	3.58	-0.731
21	3.57	-0.598
24	3.56	-0.554
35	3.55	-0.465
21	3.52	-0.199
35	3.52	-0.199
Median	3.50	0.000
75	3.48	0.199
75	3.47	0.288
9	3.46	0.332
49	3.44	0.509
6	3.42	0.687
9	3.41	0.775
Std Dev	3.38	1.000
24	3.38	1.041
15	3.30	1.794
15	3.29	1.883
266	3.21	2.547

803 Other(describe)		
Lab	%	Fluorine, F
77	3.52	0.000
77	3.52	0.000
Median	3.52	0.000
Std Dev	3.52	1.000
19	3.51	2.680

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	
61	8.9	-0.918	
78	8.2	-0.595	
266	7.5	-0.328	
61	7.3	-0.259	
270	7.2	-0.205	
78	6.7	0.000	
Median	6.7	0.000	
6	6.3	0.185	
24	4.3	0.985	
Std Dev	4.3	1.000	
35	4.0	1.108	
35	4.0	1.108	
77	3.2	1.436	

913 Other(describe)			
Lab	ppm	Arsenic, As	
13	7.9	-1.340	
Std Dev	7.3	-1.000	
Median	5.6	0.000	
Std Dev	3.9	1.000	
77	3.3	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	
77	4	-2.001	
77	4	-1.715	
78	4	-1.251	
Std Dev	4	-1.000	
78	4	-0.993	
270	3	-0.143	
35	3	0.000	
35	3	0.000	
75	3	0.000	

75	3	0.000	
Median	3	0.000	
6	3	0.286	
266	3	0.572	
61	2	0.972	
Std Dev	2	1.000	
24	2	1.358	
24	2	1.429	
61	2	1.991	

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	
Median	0	0.000	

932 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Cobalt, Co	
266	45	-48.180	
61	6	-1.668	
Std Dev	6	-1.000	
77	5	-0.361	
77	5	-0.361	
6	5	0.000	
35	5	0.000	
78	5	0.000	
78	5	0.000	
Median	5	0.000	
75	5	0.602	
270	4	0.662	
Std Dev	4	1.000	
35	4	1.204	
75	4	1.204	
61	4	1.557	
24	3	2.289	

933 Other(describe)			
Lab	ppm	Cobalt, Co	
13	6	0.000	
Median	6	0.000	

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	
270	0.1	-1.340	
Std Dev	0.1	-1.000	
Median	0.1	0.000	
Std Dev	0.1	1.000	
266	0.1	1.340	

943 Other(describe)			
Lab	ppm	Mercury, Hg	
13	0.1	0.000	
Median	0.1	0.000	

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	Molybdenum, Mo	
266	15	-5.580	
Std Dev	7	-1.000	
61	7	-0.606	
61	7	-0.571	
6	6	-0.342	
270	6	-0.193	
Median	6	0.000	
78	5	0.193	
78	5	0.223	
Std Dev	4	1.000	
77	4	1.027	
77	3	1.443	
24	3	1.682	

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

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

Median	0	0.000	
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962 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Nickel, Ni	
266	249	#####	
77	25	-3.221	
77	23	-2.180	
Std Dev	21	-1.000	
270	21	-0.879	
6	20	-0.437	
75	20	-0.359	
75	19	-0.099	
61	19	0.000	
Median	19	0.000	
78	19	0.161	
61	18	0.328	
78	18	0.422	
35	17	0.942	
Std Dev	17	1.000	
35	16	1.462	
24	11	4.012	
24	11	4.142	

963 Other(describe)			
Lab	ppm	Nickel, Ni	
13	21	0.000	
Median	21	0.000	

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	
6	14	-2.955	
266	9	-1.352	
Std Dev	8	-1.000	
24	7	-0.511	
270	7	-0.441	
35	6	-0.266	
61	5	-0.083	
Median	5	0.000	
35	5	0.083	
77	4	0.432	

77	3	0.746
Std Dev	2	1.000
61	2	1.288
78	1	1.479
78	1	1.479

973 Other(describe)		
Lab	ppm	Lead, Pb
13	6	0.000
Median	6	0.000

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

982 ICP-induc coupled plasma-AFPC IX.16.A		
Lab	ppm	Selenium, Se
266	1	0.000
Median	1	0.000

983 Other(describe)		
Lab	ppm	Selenium, Se
13	2	0.000
Median	2	0.000

991 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn
60	63	0.000
Median	63	0.000

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
24	241	-20.385
24	227	-19.020
275	72	-3.501
266	48	-1.073
Std Dev	47	-1.000
61	43	-0.593
75	40	-0.251
61	38	-0.027
75	38	0.000
78	38	0.000
Median	38	0.000
78	34	0.401

6	33	0.461
77	32	0.552
77	30	0.752
35	28	0.953
Std Dev	28	1.000
35	26	1.154

993 Other(describe)		
Lab	ppm	Zinc, Zn
13	39	-2.002
Std Dev	36	-1.000
19	33	0.000
Median	33	0.000
19	31	0.678