

AFPC Rock Check Program

Sample No. 2013-10

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	29	0.67	0.075
Other (describe)	102			
Method Group 100		29	0.67	0.07
P₂O₅				
Gravimetric AFPC IX.3.B	201	3	30.62	0.194
ICP-induced coupled plasma AFPC IX.3.D	202	5	30.70	0.119
Photometric-AFPC IX.3.C	203	18	30.52	0.305
Automated -AOAC 978.01-15th	204	11	30.62	0.194
Other(describe)	205			
Method Group 200		37	30.58	0.21
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	30.71	0.002
ICP-induced coupled plasma AFPC IX.3.D	212	5	30.93	0.118
Photometric-AFPC IX.3.C	213	10	30.68	0.249
Automated -AOAC 978.01-15th	214	11	30.80	0.223
Other(describe)	215			
Method Group 210		28	30.77	0.19
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	3	0.90	0.030
ICP-induced coupled plasma-AFPC IX.6.C	302	31	0.92	0.045
Other(describe)	303	3	1.02	0.041
Method Group 300		37	0.92	0.04
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	2	1.33	0.067
ICP-induced coupled plasma-AFPC IX.7.C	402	31	1.23	0.056
Other(describe)	403	3	1.67	0.422
Method Group 400		36	1.24	0.13
MgO				
Atomic Absorption-AFPC IX.8.A	501	6	0.37	0.016
ICP-induced coupled plasma-AFPC IX.8.B	502	29	0.40	0.011
Other(describe)	503	3	0.42	0.097
Method Group 500		38	0.40	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	21	10.77	0.134
Other(describe)	602	3	10.56	0.138
Method Group 600		24	10.76	0.15
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	15	3.54	0.211
Other(describe)	652	6	5.26	2.337
Method Group 650		21	3.62	0.38
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	22	44.60	0.388
Ceric Sulfate volumetric-AFPC IX.12.B	703	1	31.00	0.000
Permanganate	704	3	44.35	0.226
EDTA Volumetric-AFPC IX.12.C	705	4	45.21	0.479
Other(describe)	706	7	44.98	0.194
Method Group 700		37	44.77	0.45
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	15	44.85	0.301
Ceric Sulfate volumetric-AFPC IX.12.B	713	1	31.44	0.000
Permanganate	714	2	44.73	0.251
EDTA Volumetric-AFPC IX.12.C	715	3	45.11	0.285
Other(describe)	716	6	45.32	0.046
Method Group 710		26	44.92	0.40

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	22	3.43	0.086
Other (describe)	803	2	3.50	0.015
Method Group 800		24	3.45	0.09
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	11	7.0	4.46
Other(describe)	913	2	7.8	0.61
Method Group 900		13	7.0	4.10
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	14	6	0.7
Other(describe)	923	1	6	0.0
Method Group 910		15	6	0.6
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	11	4	0.7
Other(describe)	933	1	4	0.0
Method Group 920		12	4	0.7
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	1	0.1	0.00
Other(describe)	943	1	0.3	0.00
Method Group 930		2	0.2	0.08
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	8	15	0.6
Other(describe)	953	1	17	0.0
Method Group 940		9	15	1.1
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	12	8	1.4
Other(describe)	963	1	9	0.0
Method Group 950		13	9	1.3
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	14	11	3.9
Other(describe)	973	1	11	0.0
Method Group 960		15	11	3.8
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	3	1	2.1
Other(describe)	983	1	2	0.0
Method Group 970		4	2	1.7
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	70	0
ICP-induced coupled plasma-AFPC IX.16.A	992	15	66	13
Other(describe)	993	1	62	0
Method Group 980		17	66	6

101 Ground Sample AFPC IX.2.A		
Lab	%	H ₂ O
27	1.40	-9.782
15	0.81	-1.809
15	0.81	-1.809
13	0.75	-1.072
Std Dev	0.74	-1.000
24	0.74	-0.938
10	0.73	-0.804
16	0.72	-0.603
26	0.71	-0.469
10	0.71	-0.469
21	0.70	-0.402
75	0.70	-0.335
13	0.69	-0.268
21	0.68	-0.134
16	0.68	-0.067
61	0.67	0.000
Median	0.67	0.000
49	0.66	0.134
75	0.66	0.201
30	0.65	0.268
6	0.63	0.536
9	0.63	0.536
9	0.62	0.670
24	0.61	0.871
Std Dev	0.60	1.000
275	0.57	1.340
61	0.53	1.876
241	0.51	2.144
35	0.44	3.082
35	0.42	3.350
77	0.30	4.958
77	0.29	5.092

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

201 Gravimetric AFPC IX.3.B		
Lab	%	P2O5
55	31.08	-2.371
Std Dev	30.81	-1.000
77	30.62	0.000

Median	30.62	0.000
241	30.56	0.309

202 ICP-induced coupled plasma AFPC IX.3.D		
Lab	%	P2O5
6	30.78	-0.670
10	30.74	-0.335
10	30.70	0.000
Median	30.70	0.000
Std Dev	30.58	1.000
16	30.58	1.005
16	30.58	1.047

203 Photometric-AFPC IX.3.C		
Lab	%	P2O5
270	30.91	-1.286
Std Dev	30.83	-1.000
45	30.79	-0.885
45	30.77	-0.820
35	30.72	-0.656
9	30.71	-0.623
49	30.69	-0.557
92	30.58	-0.197
92	30.58	-0.197
9	30.55	-0.098
Median	30.52	0.000
35	30.49	0.098
26	30.49	0.115
30	30.45	0.229
78	30.32	0.672
61	30.29	0.754
78	30.29	0.754
Std Dev	30.21	1.000
60	30.15	1.213
61	30.08	1.442
27	29.88	2.114

204 Automated -AOAC 978.01-15th		
Lab	%	P2O5
15	30.79	-0.902
21	30.79	-0.876
15	30.78	-0.825
13	30.73	-0.593
21	30.66	-0.232

24	30.62	0.000
Median	30.62	0.000
77	30.59	0.129
13	30.54	0.412
75	30.45	0.850
Std Dev	30.42	1.000
75	30.40	1.108
24	30.37	1.288

205 Other(describe)		
Lab	%	P2O5
Median	0.00	0.000

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
241	30.72	-1.340	
Std Dev	30.72	-1.000	
Median	30.71	0.000	
Std Dev	30.71	1.000	
77	30.71	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
6	30.98	-0.419	
10	30.96	-0.276	
10	30.93	0.000	
Median	30.93	0.000	
Std Dev	30.81	1.000	
16	30.80	1.064	
16	30.78	1.212	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
9	30.90	-0.921	
49	30.89	-0.877	
35	30.86	-0.724	
9	30.74	-0.262	
26	30.70	-0.105	
Median	30.68	0.000	
30	30.65	0.105	
35	30.62	0.228	
61	30.45	0.899	
Std Dev	30.43	1.000	
27	30.30	1.510	

61	30.28	1.575
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214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
15	31.04	-1.070	
15	31.02	-1.003	
Std Dev	31.02	-1.000	
21	31.00	-0.872	
13	30.94	-0.638	
21	30.88	-0.336	
24	30.80	0.000	
Median	30.80	0.000	
13	30.77	0.160	
77	30.68	0.549	
75	30.66	0.620	
75	30.60	0.902	
24	30.59	0.942	

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

301 Atomic Absorption-AFPC IX.6.B		
Lab	%	Fe2O3
30	0.92	-0.838
60	0.90	0.000
Median	0.90	0.000
Std Dev	0.87	1.000
241	0.84	1.843

302 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Fe2O3
78	1.00	-1.787
78	0.99	-1.563
Std Dev	0.96	-1.000
75	0.96	-0.927
270	0.96	-0.893
10	0.94	-0.447
75	0.93	-0.373
10	0.93	-0.335
49	0.93	-0.335
61	0.93	-0.335
13	0.93	-0.335
15	0.93	-0.335

15	0.93	-0.335
13	0.93	-0.223
16	0.93	-0.223
61	0.92	-0.112
9	0.92	0.000
9	0.92	0.000
16	0.92	0.000
Median	0.92	0.000
6	0.91	0.112
21	0.91	0.112
21	0.91	0.112
45	0.88	0.782
45	0.88	0.782
Std Dev	0.87	1.000
92	0.86	1.228
92	0.84	1.675
24	0.83	2.010
24	0.82	2.122
275	0.82	2.122
275	0.75	3.685
35	0.74	3.908
35	0.73	4.132

303 Other(describe)		
Lab	%	Fe2O3
77	1.13	-2.680
Std Dev	1.06	-1.000
55	1.02	0.000
77	1.02	0.000
Median	1.02	0.000

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
241	1.42	-1.340
Std Dev	1.40	-1.000
Median	1.33	0.000
Std Dev	1.26	1.000
30	1.24	1.340

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
78	1.59	-6.432
78	1.56	-5.985
35	1.52	-5.271

35	1.46	-4.199
61	1.39	-2.859
61	1.38	-2.769
275	1.31	-1.519
92	1.29	-1.161
Std Dev	1.28	-1.000
92	1.28	-0.983
15	1.25	-0.447
15	1.25	-0.357
75	1.24	-0.339
49	1.24	-0.268
270	1.24	-0.179
75	1.23	-0.091
10	1.23	0.000
13	1.23	0.000
16	1.23	0.000
Median	1.23	0.000
6	1.22	0.089
10	1.22	0.089
9	1.22	0.179
13	1.22	0.179
9	1.21	0.268
16	1.21	0.268
45	1.19	0.625
275	1.19	0.625
45	1.18	0.804
24	1.17	0.983
Std Dev	1.17	1.000
21	1.17	1.072
24	1.17	1.072
21	1.16	1.161

403 Other(describe)		
Lab	%	Al2O3
55	2.76	-2.585
Std Dev	2.09	-1.000
77	1.67	0.000
Median	1.67	0.000
77	1.63	0.095

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
35	0.38	-0.946
241	0.38	-0.946

30	0.37	-0.315
Median	0.37	0.000
35	0.36	0.315
60	0.36	0.631
Std Dev	0.35	1.000
27	0.24	8.198

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
13	0.48	-7.147
270	0.43	-2.823
275	0.43	-2.680
16	0.42	-1.787
61	0.42	-1.787
Std Dev	0.41	-1.000
16	0.41	-0.893
13	0.41	-0.447
15	0.41	-0.447
10	0.40	0.000
10	0.40	0.000
15	0.40	0.000
21	0.40	0.000
24	0.40	0.000
49	0.40	0.000
61	0.40	0.000
92	0.40	0.000
Median	0.40	0.000
9	0.40	0.447
9	0.40	0.447
24	0.40	0.447
6	0.39	0.893
21	0.39	0.893
45	0.39	0.893
45	0.39	0.893
Std Dev	0.39	1.000
78	0.39	1.340
78	0.38	1.787
92	0.38	1.787
275	0.37	2.680
75	0.37	2.941
75	0.36	3.726

503 Other(describe)		
Lab	%	MgO

55	0.65	-2.371
Std Dev	0.52	-1.000
77	0.42	0.000
Median	0.42	0.000
77	0.39	0.309

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
21	11.29	-3.834
21	11.25	-3.536
9	10.95	-1.303
Std Dev	10.90	-1.000
10	10.89	-0.856
6	10.86	-0.670
16	10.86	-0.670
16	10.85	-0.596
10	10.85	-0.558
24	10.85	-0.558
24	10.78	-0.037
45	10.77	0.000
Median	10.77	0.000
9	10.76	0.112
13	10.72	0.409
45	10.71	0.447
15	10.69	0.633
15	10.68	0.670
30	10.66	0.819
Std Dev	10.64	1.000
26	10.62	1.117
13	10.61	1.228
35	10.52	1.861
35	10.46	2.308

602 Other(describe)		
Lab	%	Al
49	10.78	-1.594
Std Dev	10.70	-1.000
275	10.56	0.000
Median	10.56	0.000
Std Dev	10.42	1.000
275	10.41	1.086

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2

6	3.87	-1.589
61	3.81	-1.304
49	3.78	-1.162
Std Dev	3.75	-1.000
24	3.71	-0.830
30	3.67	-0.640
9	3.62	-0.379
9	3.62	-0.379
24	3.54	0.000
Median	3.54	0.000
13	3.53	0.024
77	3.53	0.024
13	3.52	0.071
Std Dev	3.32	1.000
15	3.30	1.138
15	3.28	1.210
21	3.20	1.589
21	3.15	1.826

652 Other(describe)		
Lab	%	CO2
35	6.47	-0.518
35	6.43	-0.501
275	5.59	-0.141
Median	5.26	0.000
275	4.93	0.141
Std Dev	2.92	1.000
78	2.48	1.192
78	2.40	1.224

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
45	46.64	-5.263
45	46.54	-5.006
92	46.12	-3.923
92	45.90	-3.356
78	45.56	-2.467
Std Dev	44.99	-1.000
49	44.97	-0.960
10	44.90	-0.780

10	44.89	-0.754
78	44.87	-0.689
16	44.61	-0.019
9	44.60	-0.006
Median	44.60	0.000
13	44.60	0.006
13	44.55	0.122
16	44.55	0.135
75	44.52	0.200
21	44.49	0.290
9	44.42	0.470
Std Dev	44.21	1.000
270	44.12	1.237
6	44.04	1.437
21	44.03	1.462
75	43.14	3.753
61	40.65	10.172

703 Ceric Sulfate volumetric-AFPC IX.12.B		
Lab	%	CaO
27	31.00	0.000
Median	31.00	0.000

704 Permanganate		
Lab	%	CaO
30	44.77	-1.860
Std Dev	44.58	-1.000
60	44.35	0.000
Median	44.35	0.000
241	44.17	0.820

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
275	45.65	-0.928
275	45.49	-0.594
Median	45.21	0.000
35	44.92	0.594
35	44.79	0.866

706 Other(describe)		
Lab	%	CaO
77	45.40	-2.165
Std Dev	45.17	-1.000
24	45.03	-0.232

24	45.02	-0.206
15	44.98	0.000
Median	44.98	0.000
15	44.93	0.283
Std Dev	44.79	1.000
77	44.60	1.958
55	43.02	10.102

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
49	45.27	-1.397	
10	45.23	-1.269	
10	45.21	-1.198	
Std Dev	45.15	-1.000	
16	44.93	-0.261	
13	44.90	-0.190	
13	44.89	-0.129	
9	44.88	-0.116	
16	44.85	0.000	
Median	44.85	0.000	
75	44.81	0.113	
21	44.80	0.163	
9	44.69	0.517	
Std Dev	44.55	1.000	
21	44.33	1.713	
6	44.32	1.754	
75	43.44	4.662	
61	40.92	13.021	

713 Ceric Sulfate volumetric-AFPC IX.12.B			
Lab	%	CaO	dB
27	31.44	0.000	
Median	31.44	0.000	

714 Permanganate			
Lab	%	CaO	dB
30	45.06	-1.340	
Std Dev	44.98	-1.000	
Median	44.73	0.000	
Std Dev	44.48	1.000	

241	44.39	1.340
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715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
275	45.75	-2.253	
Std Dev	45.39	-1.000	
35	45.11	0.000	
Median	45.11	0.000	
35	44.99	0.427	

716 Other(describe)			
Lab	%	CaO	dB
77	45.53	-4.611	
Std Dev	45.37	-1.000	
24	45.36	-0.737	
15	45.35	-0.505	
Median	45.32	0.000	
24	45.30	0.505	
15	45.29	0.713	
Std Dev	45.28	1.000	
77	44.73	12.907	

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	
21	3.62	-2.243	
13	3.56	-1.486	
35	3.55	-1.427	
49	3.55	-1.427	
35	3.54	-1.346	
Std Dev	3.51	-1.000	
6	3.50	-0.845	
275	3.50	-0.845	
24	3.49	-0.728	
9	3.47	-0.437	
26	3.46	-0.379	
24	3.43	-0.029	
Median	3.43	0.000	
9	3.43	0.029	
275	3.42	0.087	
21	3.42	0.146	

270	3.40	0.320
15	3.39	0.495
15	3.39	0.495
Std Dev	3.34	1.000
13	3.27	1.893
75	3.22	2.476
75	3.22	2.476
30	3.17	3.000
27	3.17	3.059

803 Other(describe)		
Lab	%	Fluorine, F
77	3.52	-1.340
Std Dev	3.51	-1.000
Median	3.50	0.000
Std Dev	3.49	1.000
77	3.48	1.340

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
78	11.6	-1.032
Std Dev	11.5	-1.000
78	11.2	-0.931
61	11.0	-0.897
6	10.5	-0.785
270	9.3	-0.505
77	7.0	0.000
Median	7.0	0.000
61	5.2	0.409
35	5.0	0.449
24	4.6	0.549
24	4.3	0.606
35	4.0	0.673

913 Other(describe)		
Lab	ppm	Arsenic, As
13	8.6	-1.340
Std Dev	8.4	-1.000
Median	7.8	0.000
Std Dev	7.2	1.000

77	7.0	1.340
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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
270	6	-0.809
6	6	-0.661
75	6	-0.364
75	6	-0.364
77	6	-0.364
77	6	-0.364
78	6	-0.067
Median	6	0.000
78	6	0.067
275	5	0.527
275	5	0.720
Std Dev	5	1.000
61	5	1.062
35	5	1.121
35	5	1.121
61	5	1.121

923 Other(describe)		
Lab	ppm	Cadmium, Cd
13	6	0.000
Median	6	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
78	5	-2.010
78	5	-2.010
Std Dev	4	-1.000
77	4	-0.670
77	4	-0.670
270	4	-0.603
6	4	0.000
Median	4	0.000

61	3	0.610
35	3	0.670
75	3	0.670
75	3	0.670
Std Dev	3	1.000
61	2	2.010

933 Other(describe)		
Lab	ppm	Cobalt, Co
13	4	0.000
Median	4	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	0.000
Median	0.1	0.000

943 Other(describe)		
Lab	ppm	Mercury, Hg
13	0.3	0.000
Median	0.3	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
6	17	-2.603
61	16	-2.159
Std Dev	16	-1.000
77	15	-0.043
77	15	-0.043
Median	15	0.000
270	15	0.043
78	15	0.469
Std Dev	14	1.000
61	14	1.664
78	14	1.835

953 Other(describe)		
Lab	ppm	Molybdenum, Mo
13	17	0.000
Median	17	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
77	10	-1.210
77	10	-1.210
Std Dev	10	-1.000
75	10	-0.843
75	10	-0.843
270	10	-0.843
6	9	-0.257
Median	8	0.000
35	8	0.257
35	8	0.257
61	8	0.455
61	8	0.623
78	7	0.990
78	7	0.990

963 Other(describe)		
Lab	ppm	Nickel, Ni
13	9	0.000
Median	9	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	13	-0.584
270	12	-0.415
77	12	-0.389
77	12	-0.389
61	12	-0.315
35	11	-0.130
35	11	-0.130

Median	11	0.000
61	10	0.130
24	8	0.765
24	7	0.921
275	7	0.986
Std Dev	7	1.000
275	6	1.082
78	1	2.464
78	1	2.464

973	Other(describe)	
Lab	ppm	Lead, Pb
13	11	0.000
Median	11	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
61	7	-2.680
Std Dev	3	-1.000
77	1	0.000
77	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	70	0.000
Median	70	0.000

992	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
78	133	-5.336
78	111	-3.584
24	85	-1.485
24	81	-1.167
Std Dev	79	-1.000

75	70	-0.319
61	68	-0.119
75	67	-0.080
270	66	0.000
Median	66	0.000
6	65	0.088
35	63	0.239
35	62	0.319
77	55	0.876
Std Dev	53	1.000
77	52	1.115
275	49	1.354
275	49	1.394

993	Other(describe)	
Lab	ppm	Zinc, Zn
13	62	0.000
Median	62	0.000