

AFPC Rock Check Program

Sample No. 2015-04

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	28	0.83	0.134
Other (describe)	102			
Method Group 100		28	0.83	0.13
P₂O₅				
Gravimetric AFPC IX.3.B	201	4	30.59	0.025
ICP-induced coupled plasma AFPC IX.3.D	202	3	30.54	0.504
Photometric-AFPC IX.3.C	203	22	30.69	0.186
Automated -AOAC 978.01-15th	204	11	30.63	0.062
Other(describe)	205	2	30.76	0.181
Method Group 200		42	30.66	0.15
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	30.77	0.050
ICP-induced coupled plasma AFPC IX.3.D	212	3	30.83	0.468
Photometric-AFPC IX.3.C	213	12	31.00	0.075
Automated -AOAC 978.01-15th	214	11	30.90	0.056
Other(describe)	215			
Method Group 210		28	30.94	0.12
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	5	0.09	0.035
ICP-induced coupled plasma-AFPC IX.6.C	302	28	0.09	0.007
Other(describe)	303	5	0.10	0.022
Method Group 300		38	0.09	0.01
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	3	0.45	0.485
ICP-induced coupled plasma-AFPC IX.7.C	402	28	0.12	0.021
Other(describe)	403	5	0.10	0.075
Method Group 400		36	0.12	0.02
MgO				
Atomic Absorption-AFPC IX.8.A	501	8	0.58	0.042
ICP-induced coupled plasma-AFPC IX.8.B	502	26	0.60	0.021
Other(describe)	503	4	0.59	0.045
Method Group 500		38	0.60	0.03
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	20	2.54	0.174
Other(describe)	602	4	2.63	0.043
Method Group 600		24	2.57	0.16
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	15	7.99	0.330
Other(describe)	652	8	8.03	1.735
Method Group 650		23	7.99	0.51
CaO				
Gravimetric sulfate-AFPC IX.12.A	701	1	52.46	0.000
ICP-induced coupled plasma-AFPC IX.12.D	702	19	52.36	1.004
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	51.79	0.142
EDTA Volumetric-AFPC IX.12.C	705	3	51.64	0.250
Other(describe)	706	11	52.49	0.862
Method Group 700		36	52.33	0.83
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711	1	52.67	0.000
ICP-induced coupled plasma-AFPC IX.12.D	712	13	53.10	0.283
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	1	52.39	0.000
EDTA Volumetric-AFPC IX.12.C	715	3	51.98	0.275
Other(describe)	716	7	52.86	0.943
Method Group 710		25	52.87	0.62

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	24	3.67	0.139
Other (describe)	803	4	3.58	0.029
Method Group 800		28	3.66	0.13
Arsenic, As				
Atomic Absorption	911	1	11.8	0.00
ICP-induced coupled plasma-AFPC IX.15.B	912	10	8.5	1.34
Other(describe)	913	3	8.0	0.39
Method Group 900		14	8.4	1.29
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	1	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	15	2	0.9
Other(describe)	923	1	3	0.0
Method Group 910		17	2	0.7
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	6	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	13	1	0.7
Other(describe)	933	1	1	0.0
Method Group 920		15	1	0.6
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	3	1.0	0.37
Other(describe)	943	1	0.0	0.00
Method Group 930		4	0.5	0.74
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	10	0.0
ICP-induced coupled plasma-AFPC IX.16.A	952	9	1	0.9
Other(describe)	953	1	1	0.0
Method Group 940		11	1	1.0
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	2	10	1.2
ICP-induced coupled plasma-AFPC IX.16.A	962	15	3	1.4
Other(describe)	963	2	9	3.6
Method Group 950		19	3	1.8
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	2	10	3.0
ICP-induced coupled plasma-AFPC IX.16.A	972	9	1	0.7
Other(describe)	973	1	2	0.0
Method Group 960		12	1	1.3
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	1	3	0.0
Other(describe)	983	1	2	0.0
Method Group 970		2	2	0.4
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	3	36	6
ICP-induced coupled plasma-AFPC IX.16.A	992	15	34	14
Other(describe)	993	3	39	1
Method Group 980		21	36	10

101 Ground Sample AFPC IX.2.A		
Lab	%	H ₂ O
21	1.01	-1.340
13	0.98	-1.079
Std Dev	0.96	-1.000
49	0.95	-0.893
10	0.94	-0.819
10	0.93	-0.744
6	0.90	-0.521
6	0.87	-0.298
33	0.87	-0.298
13	0.87	-0.261
9	0.86	-0.186
9	0.86	-0.186
26	0.84	-0.074
75	0.84	-0.037
21	0.83	0.000
77	0.83	0.000
Median	0.83	0.000
75	0.82	0.112
15	0.81	0.186
30	0.78	0.372
15	0.78	0.409
24	0.75	0.596
24	0.70	0.968
Std Dev	0.70	1.000
35	0.66	1.266
52	0.66	1.266
266	0.60	1.712
77	0.59	1.787
52	0.56	2.010
35	0.48	2.606
55	0.40	3.201

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

201 Gravimetric AFPC IX.3.B		
Lab	%	P2O5
56	30.67	-3.276
Std Dev	30.61	-1.000
65	30.60	-0.298
Median	30.59	0.000

55	30.58	0.298
77	30.58	0.298

202 ICP-induced coupled plasma AFPC IX.3.D		
Lab	%	P2O5
266	31.80	-2.501
Std Dev	31.04	-1.000
10	30.54	0.000
Median	30.54	0.000
10	30.45	0.179

203 Photometric-AFPC IX.3.C		
Lab	%	P2O5
25	33.44	-14.787
35	30.90	-1.131
52	30.90	-1.131
Std Dev	30.88	-1.000
6	30.81	-0.646
33	30.80	-0.593
52	30.80	-0.593
9	30.79	-0.539
26	30.79	-0.512
35	30.78	-0.485
6	30.76	-0.350
33	30.70	-0.054
Median	30.69	0.000
9	30.68	0.054
49	30.68	0.054
45	30.66	0.162
30	30.64	0.269
78	30.58	0.619
55	30.54	0.808
92	30.51	0.970
Std Dev	30.50	1.000
92	30.47	1.185
60	30.35	1.832
78	30.34	1.885
45	30.29	2.155

204 Automated -AOAC 978.01-15th		
Lab	%	P2O5
15	30.78	-2.355
13	30.75	-1.868
21	30.71	-1.299

Std Dev	30.69	-1.000
24	30.68	-0.812
13	30.66	-0.487
75	30.63	0.000
Median	30.63	0.000
15	30.63	0.081
75	30.62	0.162
24	30.61	0.406
21	30.59	0.650
Std Dev	30.57	1.000
77	30.52	1.787

205 Other(describe)		
Lab	%	P2O5
19	31.00	-1.340
Std Dev	30.94	-1.000
Median	30.76	0.000
Std Dev	30.58	1.000
56	30.52	1.340

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
77	30.84	-1.340	
Std Dev	30.82	-1.000	
Median	30.77	0.000	
Std Dev	30.72	1.000	
55	30.70	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
266	31.99	-2.492	
Std Dev	31.29	-1.000	
10	30.83	0.000	
Median	30.83	0.000	
10	30.74	0.188	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
35	31.11	-1.404	
52	31.11	-1.404	
6	31.09	-1.198	
Std Dev	31.07	-1.000	
9	31.06	-0.743	
26	31.05	-0.614	

6	31.02	-0.336
Median	31.00	0.000
49	30.97	0.336
52	30.97	0.347
33	30.97	0.401
9	30.94	0.731
35	30.93	0.945
Std Dev	30.92	1.000
30	30.88	1.577

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
13	31.05	-2.612	
15	31.02	-2.031	
21	30.97	-1.164	
Std Dev	30.96	-1.000	
13	30.93	-0.456	
24	30.91	-0.174	
21	30.90	0.000	
Median	30.90	0.000	
75	30.89	0.255	
15	30.87	0.513	
75	30.87	0.547	
Std Dev	30.85	1.000	
24	30.82	1.459	
77	30.70	3.605	

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

301 Atomic Absorption-AFPC IX.6.B		
Lab	%	Fe2O3
33	1.00	-25.945
Std Dev	0.13	-1.000
25	0.12	-0.713
55	0.09	0.000
Median	0.09	0.000
60	0.07	0.627
Std Dev	0.05	1.000
30	0.04	1.426

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

266	0.13	-5.238
21	0.13	-4.568
21	0.12	-3.898
10	0.10	-1.218
10	0.10	-1.218
13	0.10	-1.218
35	0.10	-1.218
49	0.10	-1.218
Std Dev	0.10	-1.000
52	0.10	-0.816
6	0.10	-0.548
13	0.10	-0.548
15	0.10	-0.548
24	0.10	-0.548
75	0.09	-0.101
Median	0.09	0.000
75	0.09	0.101
6	0.09	0.122
9	0.09	0.122
15	0.09	0.122
35	0.09	0.122
78	0.09	0.122
78	0.09	0.122
92	0.09	0.122
92	0.09	0.122
9	0.09	0.792
Std Dev	0.08	1.000
24	0.08	1.462
45	0.07	2.802
45	0.07	2.802
52	0.06	4.142

303 Other(describe)		
Lab	%	Fe2O3
19	0.16	-2.680
Std Dev	0.12	-1.000
56	0.12	-0.893
77	0.10	0.000
Median	0.10	0.000
77	0.09	0.447
Std Dev	0.08	1.000
65	0.00	4.467

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
33	1.37	-1.897
Std Dev	0.94	-1.000
30	0.45	0.000
Median	0.45	0.000
55	0.07	0.783

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
35	0.14	-0.968
45	0.14	-0.968
45	0.14	-0.968
9	0.13	-0.484
15	0.13	-0.484
35	0.13	-0.484
92	0.13	-0.484
9	0.13	-0.242
24	0.13	-0.242
6	0.12	0.000
6	0.12	0.000
13	0.12	0.000
13	0.12	0.000
15	0.12	0.000
24	0.12	0.000
92	0.12	0.000
92	0.12	0.000
266	0.12	0.000
Median	0.12	0.000
10	0.10	0.968
10	0.10	0.968
49	0.10	0.968
75	0.10	0.980
Std Dev	0.10	1.000
21	0.10	1.210
75	0.09	1.250
78	0.09	1.451
52	0.09	1.693
78	0.08	1.935
21	0.07	2.419
52	0.03	4.500

403 Other(describe)		
Lab	%	Al2O3
77	0.11	-0.134

19	0.10	0.000
77	0.10	0.000
Median	0.10	0.000
Std Dev	0.03	1.000
56	0.00	1.340
65	0.00	1.340

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
55	0.73	-3.573
25	0.67	-2.025
Std Dev	0.62	-1.000
33	0.60	-0.476
60	0.59	-0.238
Median	0.58	0.000
35	0.57	0.238
30	0.56	0.476
33	0.56	0.476
35	0.54	0.953

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
21	0.63	-1.462
21	0.63	-1.462
Std Dev	0.62	-1.000
10	0.62	-0.975
10	0.62	-0.975
6	0.61	-0.487
6	0.61	-0.487
13	0.61	-0.487
13	0.61	-0.487
24	0.61	-0.487
78	0.61	-0.487
266	0.61	-0.487
9	0.60	0.000
15	0.60	0.000
24	0.60	0.000
49	0.60	0.000
78	0.60	0.000
Median	0.60	0.000
9	0.60	0.244
15	0.60	0.244
52	0.59	0.487
45	0.58	0.975

45	0.58	0.975
Std Dev	0.58	1.000
52	0.56	1.949
75	0.53	3.238
92	0.53	3.411
92	0.52	3.898
75	0.52	4.014

503 Other(describe)		
Lab	%	MgO
56	0.64	-1.117
Std Dev	0.63	-1.000
19	0.61	-0.447
Median	0.59	0.000
77	0.57	0.447
Std Dev	0.55	1.000
77	0.52	1.563

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
9	3.16	-3.573
45	3.11	-3.314
9	3.02	-2.795
49	2.86	-1.873
35	2.72	-1.066
55	2.71	-1.009
Std Dev	2.71	-1.000
10	2.65	-0.663
10	2.65	-0.663
45	2.59	-0.317
15	2.55	-0.086
Median	2.54	0.000
24	2.52	0.086
15	2.51	0.144
35	2.51	0.144
26	2.50	0.202
13	2.49	0.288
24	2.47	0.403
21	2.46	0.432
21	2.44	0.576
30	2.42	0.663
Std Dev	2.36	1.000
13	2.35	1.066

602 Other(describe)			
Lab	%	Al	
266	2.78		-3.496
Std Dev	2.67		-1.000
6	2.63		0.000
6	2.63		0.000
Median	2.63		0.000
Std Dev	2.59		1.000
19	2.55		1.864

651 Gasometric-AFPC IX.13.B			
Lab	%	CO2	
24	8.75		-2.317
24	8.67		-2.059
Std Dev	8.32		-1.000
6	8.30		-0.954
6	8.29		-0.924
77	8.29		-0.924
49	8.00		-0.045
30	7.99		-0.015
13	7.99		0.000
Median	7.99		0.000
9	7.97		0.045
13	7.96		0.076
9	7.86		0.379
15	7.84		0.454
15	7.81		0.530
Std Dev	7.65		1.000
21	6.96		3.104
21	6.95		3.149

652 Other(describe)			
Lab	%	CO2	
35	10.19		-1.245
35	10.07		-1.176
Std Dev	9.77		-1.000
65	9.09		-0.608
55	8.47		-0.254
Median	8.03		0.000
266	7.59		0.254
78	7.02		0.582
78	6.97		0.614
Std Dev	6.29		1.000
25	1.00		4.055

701 Gravimetric sulfate-AFPC IX.12.A			
Lab	%	CaO	
55	52.46		0.000
Median	52.46		0.000

702 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	
21	53.05		-0.687
6	52.80		-0.438
6	52.80		-0.438
9	52.80		-0.438
10	52.73		-0.374
21	52.72		-0.364
10	52.60		-0.244
13	52.58		-0.224
9	52.53		-0.174
13	52.36		0.000
Median	52.36		0.000
49	52.30		0.055
78	52.25		0.105
45	52.07		0.284
45	51.43		0.922
Std Dev	51.35		1.000
78	51.33		1.021
92	50.92		1.430
92	50.79		1.559
75	50.67		1.683
75	50.64		1.711

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

704 Permanganate			
Lab	%	CaO	
30	51.98		-1.340
Std Dev	51.93		-1.000
Median	51.79		0.000
Std Dev	51.65		1.000
60	51.60		1.340

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

266	52.28		-2.560
Std Dev	51.89		-1.000
35	51.64		0.000
Median	51.64		0.000
35	51.61		0.120

706 Other(describe)			
Lab	%	CaO	
77	53.30		-0.940
56	53.24		-0.870
19	53.17		-0.789
77	53.10		-0.708
24	52.63		-0.157
24	52.49		0.000
Median	52.49		0.000
33	52.48		0.012
65	51.98		0.592
33	51.98		0.592
Std Dev	51.63		1.000
15	51.08		1.642
15	51.03		1.694

711 Gravimetric sulfate-AFPC IX.12.A			
Lab	%	CaO	dB
55	52.67		0.000
Median	52.67		0.000

712 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	dB
21	53.59		-1.719
Std Dev	53.38		-1.000
6	53.27		-0.619
6	53.26		-0.562
9	53.25		-0.533
10	53.22		-0.444
21	53.16		-0.219
10	53.10		0.000
Median	53.10		0.000
13	53.04		0.213
9	52.98		0.410
13	52.87		0.807
Std Dev	52.82		1.000
49	52.80		1.050
75	51.09		7.079

75	51.05		7.215
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713 Ceric Sulfate volumetric-AFPC IX.12.B			
Lab	%	CaO	dB
Median	0.00		0.000

714 Permanganate			
Lab	%	CaO	dB
30	52.39		0.000
Median	52.39		0.000

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
266	52.60		-2.228
Std Dev	52.26		-1.000
35	51.98		0.000
Median	51.98		0.000
35	51.86		0.452

716 Other(describe)			
Lab	%	CaO	dB
77	53.75		-0.939
77	53.42		-0.589
24	53.02		-0.172
24	52.86		0.000
Median	52.86		0.000
33	52.44		0.449
Std Dev	51.92		1.000
15	51.47		1.470
15	51.44		1.501

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	4.05		-2.770
21	4.03		-2.626
55	4.02		-2.554
52	3.87		-1.475
Std Dev	3.80		-1.000
75	3.78		-0.827
75	3.78		-0.791

24	3.75	-0.612
24	3.74	-0.504
35	3.70	-0.252
6	3.69	-0.180
26	3.68	-0.108
6	3.67	-0.036
Median	3.67	0.000
13	3.66	0.036
35	3.65	0.108
13	3.65	0.144
9	3.62	0.360
9	3.61	0.432
30	3.57	0.683
49	3.57	0.683
25	3.55	0.863
Std Dev	3.53	1.000
15	3.53	1.007
266	3.51	1.115
15	3.48	1.367
52	3.30	2.626

803 Other (describe)			
Lab	%	Fluorine, F	
19	3.70	-4.236	
Std Dev	3.61	-1.000	
77	3.58	-0.086	
Median	3.58	0.000	
65	3.58	0.086	
77	3.56	0.605	

911 Atomic Absorption-AFPC			
Lab	ppm	Arsenic, As	
55	11.8	0.000	
Median	11.8	0.000	

912 ICP-induced coupled plasma-AFPC IX.15.B			
Lab	ppm	Arsenic, As	
35	21.0	-9.309	
35	21.0	-9.309	
Std Dev	9.8	-1.000	
78	9.5	-0.711	
266	8.9	-0.302	
78	8.6	-0.108	
Median	8.5	0.000	

24	8.4	0.108
24	7.9	0.480
77	7.4	0.815
Std Dev	7.2	1.000
52	5.9	1.932
52	5.5	2.230

913 Other (describe)			
Lab	ppm	Arsenic, As	
13	8.5	-1.398	
Std Dev	8.4	-1.000	
33	8.0	0.000	
Median	8.0	0.000	
Std Dev	7.6	1.000	
77	7.5	1.282	

921 Atomic Absorption-AFPC IX.11.A			
Lab	ppm	Cadmium, Cd	
55	1	0.000	
Median	1	0.000	

922 ICP-induced coupled plasma-AFPC IX.11.B			
Lab	ppm	Cadmium, Cd	
78	5	-2.915	
77	4	-1.217	
78	3	-1.122	
77	3	-1.106	
Std Dev	3	-1.000	
45	3	-0.659	
75	3	-0.436	
75	3	-0.380	
266	2	0.000	
Median	2	0.000	
24	2	0.179	
24	2	0.235	
35	2	0.458	
35	2	0.458	
45	2	0.458	
Std Dev	2	1.000	
52	1	1.240	
52	1	1.753	

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	
55	6	0.000	
Median	6	0.000	

932 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Cobalt, Co	
45	1	-0.657	
45	1	-0.657	
77	1	-0.657	
77	1	-0.657	
78	1	-0.194	
78	1	-0.121	
35	1	0.000	
Median	1	0.000	
35	0	0.147	
266	0	0.281	
24	0	0.683	
24	0	0.683	
75	0	0.683	
75	0	0.683	

933 Other (describe)			
Lab	ppm	Cobalt, Co	
13	1	0.000	
Median	1	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	
35	1.0	0.000	
35	1.0	0.000	
Median	1.0	0.000	
Std Dev	0.6	1.000	
266	0.0	2.680	

943 Other (describe)			
Lab	ppm	Mercury, Hg	

13	0.0	0.000
Median	0.0	0.000

951 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Iolybdenum, Mo	
55	10	0.000	
Median	10	0.000	

952 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Iolybdenum, Mo	
77	2	-0.989	
77	1	-0.879	
78	1	-0.681	
266	1	-0.428	
78	1	0.000	
Median	1	0.000	
24	0	0.659	
24	0	0.659	
45	0	0.659	
45	0	0.659	

953 Other (describe)			
Lab	ppm	Iolybdenum, Mo	
13	1	0.000	
Median	1	0.000	

961 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Nickel, Ni	
33	12	-1.340	
Std Dev	12	-1.000	
Median	10	0.000	
Std Dev	9	1.000	
55	9	1.340	

962 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Nickel, Ni	
77	7	-2.271	
77	6	-1.642	
Std Dev	5	-1.000	
266	4	-0.594	
45	4	-0.524	
45	4	-0.524	
24	3	-0.140	
52	3	-0.105	

24	3	0.000
Median	3	0.000
75	3	0.035
75	3	0.105
52	2	0.804
78	2	0.828
Std Dev	2	1.000
78	1	1.419
35	1	1.887
35	1	1.922

963	Other(describe)	
Lab	ppm	Nickel, Ni
19	14	-1.340
Std Dev	13	-1.000
Median	9	0.000
Std Dev	6	1.000
13	4	1.340

971	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Lead, Pb
55	14	-1.340
Std Dev	13	-1.000
Median	10	0.000
Std Dev	7	1.000
33	6	1.340

972	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Lead, Pb
266	2	-1.300
Std Dev	2	-1.000
35	1	-0.054
78	1	-0.054
78	1	-0.054
35	1	0.000
Median	1	0.000
Std Dev	0	1.000
24	0	1.286
24	0	1.286
77	0	1.286
77	0	1.286

973	Other(describe)	
Lab	ppm	Lead, Pb

13	2	0.000
Median	2	0.000

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
266	3	0.000
Median	3	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	45	-1.630
Std Dev	42	-1.000
33	36	0.000
Median	36	0.000
Std Dev	30	1.000
55	30	1.050

992	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
24	77	-3.132
24	76	-3.051
78	54	-1.438
78	53	-1.347
Std Dev	48	-1.000
75	45	-0.823
75	39	-0.386
266	36	-0.109
52	34	0.000
Median	34	0.000
45	33	0.073
35	31	0.218
45	31	0.218
35	30	0.291
52	30	0.291
77	25	0.655

77	21	0.947
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993	Other(describe)	
Lab	ppm	Zinc, Zn
19	40	-0.759
13	39	0.000
Median	39	0.000
Std Dev	38	1.000
19	37	1.921