

AFPC Rock Check Program

Sample No. 2015-09

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	26	1.09	0.092
Other (describe)	102			
Method Group 100		26	1.09	0.09
P₂O₅				
Gravimetric AFPC IX.3.B	201	2	33.11	0.062
ICP-induced coupled plasma AFPC IX.3.D	202	3	33.10	0.123
Photometric-AFPC IX.3.C	203	17	33.01	0.082
Automated -AOAC 978.01-15th	204	12	33.05	0.130
Other(describe)	205	3	33.16	0.293
Method Group 200		37	33.04	0.12
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	1	33.46	0.000
ICP-induced coupled plasma AFPC IX.3.D	212	3	33.47	0.142
Photometric-AFPC IX.3.C	213	10	33.40	0.064
Automated -AOAC 978.01-15th	214	12	33.42	0.127
Other(describe)	215			
Method Group 210		26	33.41	0.12
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	1	1.05	0.000
ICP-induced coupled plasma-AFPC IX.6.C	302	31	1.10	0.042
Other(describe)	303	6	1.13	0.174
Method Group 300		38	1.10	0.05
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401			
ICP-induced coupled plasma-AFPC IX.7.C	402	31	1.43	0.071
Other(describe)	403	6	1.69	0.656
Method Group 400		37	1.43	0.16
MgO				
Atomic Absorption-AFPC IX.8.A	501	3	0.39	0.046
ICP-induced coupled plasma-AFPC IX.8.B	502	29	0.35	0.007
Other(describe)	503	6	0.36	0.043
Method Group 500		38	0.35	0.01
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	20	3.19	0.158
Other(describe)	602	3	3.18	0.075
Method Group 600		23	3.19	0.11
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	15	3.55	0.075
Other(describe)	652	9	3.78	0.216
Method Group 650		24	3.60	0.21
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	21	47.71	0.470
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704			
EDTA Volumetric-AFPC IX.12.C	705	3	47.87	0.034
Other(describe)	706	11	48.00	0.789
Method Group 700		35	47.77	0.45
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	15	48.25	0.146
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714			
EDTA Volumetric-AFPC IX.12.C	715	3	48.16	0.152
Other(describe)	716	7	48.41	0.543
Method Group 710		24	48.26	0.22

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	21	3.69	0.138
Other (describe)	803	3	3.92	0.151
Method Group 800		24	3.69	0.14
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	9	9.2	2.20
Other(describe)	913	2	12.6	2.46
Method Group 900		11	9.3	2.13
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	19	6	0.6
Other(describe)	923	3	7	0.5
Method Group 910		22	6	0.7
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	17	3	0.3
Other(describe)	933	3	8	1.5
Method Group 920		20	3	0.5
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	3	1.0	0.33
Other(describe)	943	3	0.2	0.16
Method Group 930		6	0.3	0.54
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	11	7	1.0
Other(describe)	953	1	8	0.0
Method Group 940		12	7	1.3
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	19	10	1.7
Other(describe)	963	1	12	0.0
Method Group 950		20	10	1.8
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	13	18	6.4
Other(describe)	973	3	4	4.3
Method Group 960		16	16	8.0
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	1		0.0
Other(describe)	983	2	2	1.3
Method Group 970		3	0	1.3
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991			
ICP-induced coupled plasma-AFPC IX.16.A	992	19	68	10
Other(describe)	993	3	62	2
Method Group 980		22	67	9

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	
266	1.30	-2.247	
13	1.21	-1.272	
21	1.21	-1.272	
52	1.20	-1.164	
Std Dev	1.18	-1.000	
10	1.16	-0.731	
75	1.14	-0.514	
13	1.13	-0.406	
10	1.12	-0.298	
15	1.12	-0.298	
49	1.12	-0.298	
15	1.12	-0.244	
24	1.10	-0.027	
75	1.10	-0.027	
Median	1.09	0.000	
6	1.09	0.027	
24	1.09	0.027	
9	1.09	0.081	
6	1.04	0.623	
26	1.02	0.785	
61	1.02	0.839	
Std Dev	1.00	1.000	
52	1.00	1.002	
61	0.98	1.218	
9	0.93	1.760	
77	0.81	3.059	
77	0.60	5.333	
35	0.59	5.441	
35	0.55	5.896	

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

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
77	33.19	-1.340	
Std Dev	33.17	-1.000	
Median	33.11	0.000	
Std Dev	33.05	1.000	
56	33.03	1.340	

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
266	33.41	-2.518	
Std Dev	33.22	-1.000	
10	33.10	0.000	
Median	33.10	0.000	
10	33.08	0.162	

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
25	34.20	-14.496	
52	33.40	-4.751	
9	33.20	-2.254	
35	33.10	-1.096	
Std Dev	33.09	-1.000	
6	33.05	-0.426	
6	33.04	-0.365	
9	33.04	-0.365	
92	33.02	-0.122	
49	33.01	0.000	
92	33.01	0.000	
Median	33.01	0.000	
52	33.00	0.122	
35	32.94	0.853	
26	32.94	0.914	
78	32.94	0.914	
Std Dev	32.93	1.000	
78	32.81	2.497	
45	32.67	4.142	
45	32.49	6.335	

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
75	33.16	-0.868	
13	33.11	-0.443	
61	33.10	-0.405	
15	33.09	-0.328	
15	33.07	-0.135	
24	33.06	-0.058	
Median	33.05	0.000	
13	33.04	0.058	
75	32.98	0.559	
77	32.92	0.983	
Std Dev	32.92	1.000	

24	32.92	1.022	
61	32.92	1.022	
21	32.88	1.330	

205 Other(describe)			
Lab	%	P2O5	
20	33.58	-1.434	
Std Dev	33.45	-1.000	
20	33.16	0.000	
Median	33.16	0.000	
Std Dev	32.86	1.000	
56	32.79	1.246	

211 Gravimetric AFPC IX.3.B				
Lab	%	P2O5	dB	
77	33.46	0.000		
Median	33.46	0.000		

212 ICP-induced coupled plasma AFPC IX.3.D				
Lab	%	P2O5	dB	
266	33.85	-2.633		
Std Dev	33.62	-1.000		
10	33.47	0.000		
Median	33.47	0.000		
10	33.47	0.047		

213 Photometric-AFPC IX.3.C				
Lab	%	P2O5	dB	
52	33.74	-5.363		
9	33.51	-1.741		
Std Dev	33.46	-1.000		
6	33.40	-0.132		
9	33.40	-0.105		
52	33.40	-0.080		
Median	33.40	0.000		
6	33.39	0.080		
49	33.38	0.185		
Std Dev	33.33	1.000		
35	33.30	1.558		
26	33.27	1.904		
35	33.12	4.304		

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

75	33.54	-0.936	
13	33.48	-0.472	
15	33.46	-0.312	
13	33.44	-0.167	
15	33.44	-0.127	
61	33.43	-0.033	
Median	33.42	0.000	
24	33.42	0.033	
75	33.34	0.656	
Std Dev	33.30	1.000	
24	33.28	1.133	
21	33.28	1.147	
61	33.25	1.345	
77	33.12	2.397	

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

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
25	1.05	0.000	
Median	1.05	0.000	

302 ICP-induced coupled plasma-AFPC IX.6.C				
Lab	%	Fe2O3		
35	1.28	-4.379		
35	1.26	-3.905		
13	1.17	-1.692		
266	1.15	-1.302		
78	1.14	-1.065		
Std Dev	1.14	-1.000		
21	1.14	-0.947		
75	1.12	-0.601		
78	1.12	-0.592		
15	1.12	-0.473		
10	1.11	-0.355		
52	1.11	-0.355		
15	1.11	-0.237		
10	1.10	-0.118		
45	1.10	-0.118		
6	1.10	0.000		
6	1.10	0.000		
Median	1.10	0.000		

9	1.09	0.118
9	1.09	0.118
49	1.09	0.118
275	1.09	0.118
275	1.09	0.118
45	1.08	0.355
75	1.06	0.786
13	1.06	0.828
Std Dev	1.05	1.000
61	1.05	1.183
61	1.03	1.657
92	1.02	1.775
92	1.01	2.012
24	0.95	3.550
24	0.95	3.550
52	0.71	9.113

303 Other(describe)		
Lab	%	Fe2O3
77	1.28	-0.846
77	1.28	-0.846
65	1.17	-0.186
Median	1.13	0.000
56	1.10	0.186
20	0.99	0.817
Std Dev	0.96	1.000
20	0.95	1.046

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
52	1.89	-6.559
35	1.87	-6.277
35	1.86	-6.136
266	1.66	-3.315
61	1.63	-2.892
78	1.59	-2.257
61	1.55	-1.763
78	1.53	-1.481
Std Dev	1.50	-1.000
92	1.48	-0.776

92	1.47	-0.635
24	1.46	-0.494
24	1.46	-0.423
275	1.44	-0.212
275	1.43	-0.127
75	1.43	-0.013
21	1.43	0.000
Median	1.43	0.000
10	1.42	0.071
15	1.42	0.071
49	1.42	0.071
6	1.42	0.141
6	1.42	0.141
15	1.42	0.141
9	1.41	0.212
10	1.41	0.212
13	1.41	0.212
13	1.41	0.282
9	1.40	0.353
45	1.39	0.494
45	1.38	0.635
75	1.38	0.648
Std Dev	1.35	1.000
52	1.15	3.879

403 Other(describe)		
Lab	%	Al2O3
20	2.94	-1.902
20	2.79	-1.674
Std Dev	2.35	-1.000
65	1.73	-0.050
Median	1.69	0.000
77	1.66	0.050
77	1.64	0.080
56	1.15	0.827

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
25	0.51	-2.636
Std Dev	0.44	-1.000
35	0.39	0.000
Median	0.39	0.000
35	0.39	0.044

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
61	0.37	-2.680
13	0.36	-1.340
13	0.36	-1.340
21	0.36	-1.340
45	0.36	-1.340
45	0.36	-1.340
Std Dev	0.36	-1.000
15	0.36	-0.670
6	0.35	0.000
6	0.35	0.000
9	0.35	0.000
9	0.35	0.000
10	0.35	0.000
10	0.35	0.000
10	0.35	0.000
15	0.35	0.000
24	0.35	0.000
49	0.35	0.000
52	0.35	0.000
92	0.35	0.000
275	0.35	0.000
Median	0.35	0.000
24	0.35	0.670
78	0.35	0.670
Std Dev	0.34	1.000
92	0.34	1.340
266	0.34	1.340
275	0.34	1.340
78	0.34	1.340
75	0.32	3.699
61	0.32	4.020
75	0.31	5.398
52	0.23	16.080

503 Other(describe)		
Lab	%	MgO
77	0.43	-1.755
Std Dev	0.40	-1.000
65	0.37	-0.304
77	0.36	-0.117
Median	0.36	0.000
56	0.35	0.117
Std Dev	0.31	1.000

20	0.30	1.404
20	0.30	1.404

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
45	3.74	-3.505
45	3.59	-2.553
24	3.43	-1.538
24	3.37	-1.126
Std Dev	3.35	-1.000
9	3.24	-0.301
10	3.23	-0.270
9	3.21	-0.143
49	3.20	-0.079
10	3.19	-0.016
35	3.19	-0.016
Median	3.19	0.000
15	3.19	0.016
15	3.18	0.048
35	3.18	0.048
26	3.14	0.333
21	3.03	0.999
Std Dev	3.03	1.000
13	2.99	1.253
61	2.99	1.253
13	2.99	1.284
20	2.79	2.553
61	2.55	4.044

602 Other(describe)		
Lab	%	Al
266	3.35	-2.345
Std Dev	3.25	-1.000
6	3.18	0.000
Median	3.18	0.000
6	3.15	0.335

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
61	4.61	-14.204
61	4.33	-10.519
13	3.72	-2.278
Std Dev	3.62	-1.000
13	3.61	-0.871

49	3.59	-0.603
9	3.56	-0.201
9	3.56	-0.201
6	3.55	0.000
Median	3.55	0.000
24	3.51	0.469
15	3.50	0.603
24	3.50	0.603
77	3.50	0.603
6	3.49	0.804
Std Dev	3.47	1.000
15	3.43	1.541
21	3.30	3.350

652 Other(describe)		
Lab	%	CO2

35	7.93	-19.176
35	7.93	-19.176
Std Dev	4.00	-1.000
65	3.91	-0.601
78	3.78	0.000
78	3.78	0.000
Median	3.78	0.000
20	3.68	0.485
20	3.62	0.739
56	3.60	0.832
Std Dev	3.56	1.000
266	2.97	3.743

701 Gravimetric sulfate-AFPC IX.12.A		
Lab	%	CaO

Median	0.00	0.000
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702 ICP-induced coupled plasma-AFPC IX.12.D		
Lab	%	CaO

61	51.51	-8.083
92	50.80	-6.572
61	50.45	-5.828
92	49.79	-4.424
Std Dev	48.18	-1.000
21	48.14	-0.915
10	47.79	-0.170
49	47.77	-0.128
6	47.74	-0.064

9	47.73	-0.043
6	47.72	-0.021
10	47.71	0.000
Median	47.71	0.000
9	47.71	0.011
13	47.58	0.287
13	47.55	0.340
Std Dev	47.24	1.000
75	47.17	1.142
45	47.16	1.170
78	46.71	2.138
78	45.76	4.148
45	45.52	4.658
52	45.50	4.701
75	44.77	6.264

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

Median	0.00	0.000
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704 Permanganate		
Lab	%	CaO

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

35	47.90	-0.893
266	47.87	0.000
Median	47.87	0.000
Std Dev	47.84	1.000
35	47.81	1.787

706 Other(describe)		
Lab	%	CaO

77	49.40	-1.780
77	49.30	-1.654
20	49.01	-1.280
Std Dev	48.78	-1.000
20	48.70	-0.887
56	48.15	-0.196
24	48.00	0.000
Median	48.00	0.000
24	47.88	0.152
15	47.83	0.215

15	47.76	0.298
65	47.53	0.589
52	47.50	0.627

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

Median	0.00	0.000
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712 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	dB

61	52.04	-25.977
61	50.95	-18.518
21	48.73	-3.314
Std Dev	48.39	-1.000
10	48.33	-0.585
49	48.31	-0.447
10	48.27	-0.165
9	48.25	-0.053
6	48.25	0.000
Median	48.25	0.000
6	48.24	0.045
9	48.15	0.637
13	48.13	0.777
13	48.12	0.871
Std Dev	48.10	1.000
75	47.70	3.772
52	46.05	15.023
75	45.28	20.307

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

Median	0.00	0.000
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714 Permanganate			
Lab	%	CaO	dB

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

266	48.50	-2.218
Std Dev	48.32	-1.000
35	48.16	0.000
Median	48.16	0.000
35	48.09	0.462

716 Other(describe)			
Lab	%	CaO	dB

77	49.80	-2.573
77	49.60	-2.195
Std Dev	48.95	-1.000
24	48.52	-0.219
24	48.41	0.000
Median	48.41	0.000
15	48.37	0.071
15	48.30	0.196
52	47.98	0.783

801 Volumetric-AFPC IX.14.A			
Lab	%	Fluorine, F	

Median	0.00	0.000
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802 Specific Ion Electrode-AFPC IX.14.B			
Lab	%	Fluorine, F	

25	3.85	-1.195
Std Dev	3.82	-1.000
35	3.80	-0.833
13	3.79	-0.761
49	3.79	-0.761
13	3.79	-0.724
9	3.77	-0.616
35	3.77	-0.616
26	3.77	-0.579
6	3.70	-0.109
6	3.70	-0.109
21	3.69	0.000
Median	3.69	0.000
9	3.68	0.036
24	3.67	0.145
52	3.64	0.326
15	3.60	0.616
15	3.59	0.724
Std Dev	3.55	1.000
266	3.54	1.050
24	3.54	1.086
52	3.43	1.847
75	3.43	1.847
75	3.24	3.223

803 Other(describe)			
Lab	%	Fluorine, F	
77	4.05		-0.860
77	3.92		0.000
Median	3.92		0.000
Std Dev	3.77		1.000
65	3.65		1.820

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	
35	12.0		-1.272
78	11.7		-1.113
Std Dev	11.4		-1.000
78	11.1		-0.840
35	11.0		-0.818
24	9.2		0.000
Median	9.2		0.000
24	8.9		0.136
266	8.1		0.500
Std Dev	7.0		1.000
52	5.2		1.817
52	5.1		1.862

913 Other(describe)			
Lab	ppm	Arsenic, As	
61	15.9		-1.340
Std Dev	15.1		-1.000
Median	12.6		0.000
Std Dev	10.1		1.000
13	9.3		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	
266	7		-1.825
275	7		-1.792
61	7		-1.718

78	7		-1.562
78	7		-1.365
Std Dev	7		-1.000
275	7		-0.987
75	7		-0.658
52	6		-0.329
52	6		0.000
77	6		0.000
Median	6		0.000
35	6		0.164
35	6		0.164
45	6		0.164
45	6		0.164
75	6		0.164
77	6		0.164
24	6		0.658
Std Dev	5		1.000
24	5		1.151
61	0		10.029

923 Other(describe)			
Lab	ppm	Cadmium, Cd	
20	7		-0.993
20	7		0.000
Median	7		0.000
Std Dev	6		1.000
13	6		1.687

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	6		-12.000
78	6		-12.000
77	4		-2.800
77	3		-1.200
Std Dev	3		-1.000
61	3		-0.400
275	3		-0.120
35	3		0.000
35	3		0.000
45	3		0.000

45	3		0.000
Median	3		0.000
275	3		0.040
24	3		0.600
61	3		0.940
Std Dev	3		1.000
24	3		1.200
266	3		1.600
75	2		4.000
75	2		4.000

933 Other(describe)			
Lab	ppm	Cobalt, Co	
20	8		0.000
20	8		0.000
Median	8		0.000
Std Dev	6		1.000
13	3		2.680

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	0.7		1.000
266	0.1		2.680

943 Other(describe)			
Lab	ppm	Mercury, Hg	
13	0.4		-1.462
Std Dev	0.4		-1.000
52	0.2		0.000
Median	0.2		0.000
Std Dev	0.0		1.000
61	0.0		1.218

951 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Molybdenum, Mo	
Median	0		0.000

952 ICP-induced coupled plasma-AFPC IX.16.			
Lab	ppm	Iolybdenum, Mo	
45	9		-2.404
45	9		-2.404
266	8		-1.217
Std Dev	8		-1.000
61	7		-0.235
24	7		-0.153
78	7		0.000
Median	7		0.000
78	7		0.102
77	6		0.563
24	6		0.665
77	6		0.869
Std Dev	6		1.000
61	0		6.802

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	
Median	0		0.000

962 ICP-induced coupled plasma-AFPC IX.16.			
Lab	ppm	Nickel, Ni	
61	13		-2.403
52	13		-2.289
52	12		-1.204
Std Dev	11		-1.000
45	11		-0.903
77	11		-0.602
275	10		-0.391
45	10		-0.301
75	10		-0.301
61	10		-0.060
77	10		0.000
Median	10		0.000
75	9		0.301
275	9		0.500
78	9		0.602
24	8		0.783

78	8	0.903
Std Dev	8	1.000
24	8	1.024
35	5	2.710
266	5	2.710
35	4	3.312

963 Other(describe)		
Lab	ppm	Nickel, Ni
13	12	0.000
Median	12	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
275	37	-2.939
275	29	-1.723
61	25	-1.105
Std Dev	24	-1.000
61	23	-0.756
266	23	-0.717
35	19	-0.156
35	18	0.000
Median	18	0.000
77	16	0.280
77	16	0.390
78	14	0.584
78	14	0.693
Std Dev	12	1.000
24	7	1.698
24	6	1.807

973 Other(describe)		
Lab	ppm	Lead, Pb
13	16	-2.680
Std Dev	8	-1.000
20	4	0.000
20	4	0.000
Median	4	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	0	0.000
Median	0	0.000

983 Other(describe)		
Lab	ppm	Selenium, Se
13	3	-1.340
Std Dev	3	-1.000
Median	2	0.000
Std Dev	0	1.000
61	0	1.340

991 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn
Median	0	0.000

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
24	120	-4.996
24	113	-4.379
61	84	-1.579
275	80	-1.219
52	79	-1.101
Std Dev	78	-1.000
52	76	-0.814
61	75	-0.708
275	73	-0.541
266	73	-0.517
75	68	0.000
78	68	0.000
Median	68	0.000
78	67	0.096
35	66	0.144
35	64	0.335
77	63	0.431
77	63	0.431
Std Dev	57	1.000
45	55	1.196
45	54	1.292

75	35	3.111
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993 Other(describe)		
Lab	ppm	Zinc, Zn
13	65	-1.484
Std Dev	64	-1.000
20	62	0.000
Median	62	0.000
Std Dev	60	1.000
20	60	1.196