

AFPC Rock Check Program

Sample No. 2013-06

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	29	0.73	0.116
Other (describe)	102	1	0.13	
Method Group 100		30	0.72	0.12
P₂O₅				
Gravimetric AFPC IX.3.B	201	2	28.75	0.004
ICP-induced coupled plasma AFPC IX.3.D	202	4	28.60	0.166
Photometric-AFPC IX.3.C	203	16	28.51	0.113
Automated -AOAC 978.01-15th	204	13	28.43	0.153
Other(describe)	205	4	28.70	0.268
Method Group 200		39	28.52	0.14
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	28.88	0.035
ICP-induced coupled plasma AFPC IX.3.D	212	4	28.79	0.156
Photometric-AFPC IX.3.C	213	8	28.73	0.057
Automated -AOAC 978.01-15th	214	13	28.66	0.154
Other(describe)	215	1	29.17	0.000
Method Group 210		28	28.73	0.09
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	3	1.15	0.175
ICP-induced coupled plasma-AFPC IX.6.C	302	30	1.39	0.070
Other(describe)	303	6	1.54	0.132
Method Group 300		39	1.40	0.10
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	1	0.77	0.000
ICP-induced coupled plasma-AFPC IX.7.C	402	30	0.87	0.064
Other(describe)	403	6	1.05	0.187
Method Group 400		37	0.87	0.07
MgO				
Atomic Absorption-AFPC IX.8.A	501	5	1.07	0.016
ICP-induced coupled plasma-AFPC IX.8.B	502	28	1.08	0.035
Other(describe)	503	6	1.04	0.081
Method Group 500		39	1.08	0.05
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	21	10.15	0.224
Other(describe)	602	5	10.70	1.560
Method Group 600		26	10.17	0.26
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	12	4.81	0.177
Other(describe)	652	6	8.51	2.527
Method Group 650		18	4.88	0.58
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	21	43.68	1.390
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	4	44.04	0.818
EDTA Volumetric-AFPC IX.12.C	705	5	44.03	0.881
Other(describe)	706	11	43.62	0.267
Method Group 700		41	43.78	0.52
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	14	43.96	0.268
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	3	44.34	1.062
EDTA Volumetric-AFPC IX.12.C	715	5	44.28	0.924
Other(describe)	716	8	43.97	0.330
Method Group 710		30	43.99	0.38

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	21	3.25	0.123
Other(describe)	803	4	3.25	0.112
Method Group 800		25	3.25	0.14
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	8	20.9	2.71
Other(describe)	913	2	22.4	1.04
Method Group 900		10	21.0	2.61
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	11	2	0.7
Other(describe)	923	1	2	0.0
Method Group 910		12	2	0.6
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	12	4	2.1
Other(describe)	933	1	5	0.0
Method Group 920		13	4	2.1
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	3	0.1	0.06
Other(describe)	943	1	0.1	0.00
Method Group 930		4	0.1	0.05
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	8	10	3.8
Other(describe)	953	1	15	0.0
Method Group 940		9	10	3.8
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	13	16	6.6
Other(describe)	963	2	17	1.7
Method Group 950		15	16	5.9
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	10	11	4.0
Other(describe)	973	1	13	0.0
Method Group 960		11	11	4.0
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	2	2	1.5
Other(describe)	983	1	20	0.0
Method Group 970		3	4	7.5
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	38	0
ICP-induced coupled plasma-AFPC IX.16.A	992	11	32	9
Other(describe)	993	3	30	4
Method Group 980		15	32	9

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	
15	0.90	-1.513	
24	0.89	-1.383	
15	0.88	-1.297	
Std Dev	0.84	-1.000	
61	0.81	-0.735	
24	0.79	-0.562	
75	0.79	-0.562	
16	0.77	-0.389	
6	0.77	-0.346	
16	0.76	-0.303	
49	0.76	-0.303	
13	0.74	-0.086	
21	0.74	-0.086	
9	0.73	-0.043	
13	0.73	0.000	
75	0.73	0.000	
Median	0.73	0.000	
10	0.71	-0.173	
9	0.70	0.216	
266	0.70	0.216	
21	0.70	0.259	
35	0.69	0.311	
10	0.66	0.605	
77	0.61	0.994	
Std Dev	0.61	1.000	
61	0.60	1.081	
30	0.57	1.340	
275	0.56	1.426	
275	0.56	1.426	
77	0.45	2.377	
35	0.44	2.464	
241	0.32	3.501	

102 Other(describe)			
Lab	%	H ₂ O	
280	0.13	0.000	
Median	0.13	0.000	

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
77	28.75	-1.340	
Std Dev	28.75	-1.000	

Median 28.75 0.000			
Std Dev 28.74 1.000			
241	28.74	1.340	

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
266	29.10	-3.041	
Std Dev	28.76	-1.000	
10	28.64	-0.271	
Median	28.60	0.000	
10	28.55	0.271	
16	28.48	0.693	

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
78	28.92	-3.618	
78	28.83	-2.819	
Std Dev	28.62	-1.000	
49	28.62	-0.999	
35	28.60	-0.821	
270	28.60	-0.803	
30	28.57	-0.555	
35	28.55	-0.377	
92	28.51	-0.022	
Median	28.51	0.000	
6	28.51	0.022	
60	28.50	0.067	
9	28.46	0.422	
92	28.45	0.510	
16	28.44	0.599	
9	28.42	0.821	
Std Dev	28.39	1.000	
45	28.38	1.132	
45	28.03	4.239	

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
77	28.56	-0.850	
15	28.54	-0.686	
75	28.53	-0.654	
15	28.52	-0.588	
75	28.52	-0.588	
21	28.52	-0.556	
61	28.43	0.000	

Median 28.43 0.000			
Std Dev 28.28 1.000			
24	28.42	0.098	
24	28.38	0.327	
13	28.32	0.752	
13	28.29	0.915	
21	28.25	1.177	
61	28.02	2.680	

205 Other(describe)			
Lab	%	P2O5	
280	29.13	-1.597	
Std Dev	28.97	-1.000	
41	28.72	-0.065	
Median	28.70	0.000	
41	28.69	0.065	
Std Dev	28.43	1.000	
19	27.80	3.371	

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
77	28.93	-1.340	
Std Dev	28.91	-1.000	
Median	28.88	0.000	
Std Dev	28.84	1.000	
241	28.83	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
266	29.31	-3.300	
Std Dev	28.95	-1.000	
10	28.83	-0.244	
Median	28.79	0.000	
10	28.75	0.244	
16	28.70	0.595	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
49	28.84	-1.985	
Std Dev	28.78	-1.000	
35	28.75	-0.393	
30	28.73	-0.144	
35	28.73	-0.014	
Median	28.73	0.000	

6	28.72	0.014	
Std Dev	28.67	1.000	
16	28.66	1.134	
9	28.66	1.135	
9	28.62	1.776	

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
15	28.79	-0.856	
15	28.77	-0.711	
75	28.76	-0.617	
75	28.73	-0.429	
21	28.71	-0.340	
77	28.69	-0.175	
61	28.66	0.000	
Median	28.66	0.000	
24	28.64	0.136	
24	28.63	0.187	
13	28.52	0.911	
Std Dev	28.51	1.000	
13	28.50	1.056	
21	28.46	1.317	
61	28.19	3.070	

215 Other(describe)			
Lab	%	P2O5	dB
280	29.17	0.000	
Median	29.17	0.000	

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
60	1.52	-2.087	
Std Dev	1.33	-1.000	
241	1.15	0.000	
Median	1.15	0.000	
30	1.05	0.593	

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
266	1.59	-2.859	
61	1.55	-2.287	
270	1.52	-1.858	
75	1.52	-1.798	
6	1.50	-1.501	

92	1.49	-1.429
61	1.46	-1.001
Std Dev	1.46	-1.000
92	1.45	-0.858
45	1.42	-0.429
45	1.42	-0.429
9	1.41	-0.214
10	1.40	-0.143
49	1.40	-0.143
9	1.40	-0.071
10	1.39	0.000
16	1.39	0.000
16	1.39	0.000
Median	1.39	0.000
13	1.39	0.071
75	1.38	0.189
13	1.37	0.286
15	1.37	0.357
15	1.36	0.429
21	1.35	0.643
35	1.33	0.858
35	1.32	0.943
Std Dev	1.32	1.000
21	1.32	1.072
24	1.27	1.787
24	1.26	1.858
78	0.56	11.863
78	0.55	12.078

303 Other(describe)		
Lab	%	Fe2O3
280	1.74	-1.521
Std Dev	1.67	-1.000
77	1.63	-0.684
77	1.60	-0.456
Median	1.54	0.000
41	1.48	0.456
41	1.44	0.798
Std Dev	1.41	1.000
19	1.37	1.292

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
30	0.77	0.000

Median	0.77	0.000
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402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
78	1.61	-11.497
78	1.58	-11.108
266	1.23	-5.671
61	1.01	-2.175
24	1.00	-2.020
24	0.94	-1.165
92	0.94	-1.165
92	0.93	-1.010
Std Dev	0.93	-1.000
61	0.92	-0.854
21	0.92	-0.854
9	0.88	-0.233
75	0.88	-0.205
9	0.87	-0.078
35	0.87	-0.078
49	0.87	-0.078
Median	0.87	0.000
6	0.86	0.078
10	0.86	0.078
21	0.86	0.078
10	0.85	0.233
16	0.85	0.233
16	0.85	0.233
13	0.85	0.311
45	0.84	0.388
13	0.83	0.544
35	0.83	0.544
75	0.83	0.618
270	0.82	0.777
45	0.81	0.854
Std Dev	0.80	1.000
15	0.78	1.398
15	0.77	1.476

403 Other(describe)		
Lab	%	Al2O3
280	1.19	-0.777
77	1.13	-0.456
77	1.11	-0.348
Median	1.05	0.000

19	0.98	0.348
Std Dev	0.86	1.000
41	0.84	1.099
41	0.82	1.233

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
60	1.16	-5.743
35	1.09	-1.276
Std Dev	1.09	-1.000
35	1.07	0.000
Median	1.07	0.000
241	1.07	0.064
Std Dev	1.05	1.000
30	0.48	37.648

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
92	1.21	-3.667
24	1.15	-1.975
92	1.15	-1.975
61	1.15	-1.834
49	1.12	-1.128
Std Dev	1.12	-1.000
6	1.12	-0.987
10	1.11	-0.846
10	1.11	-0.846
10	1.11	-0.846
16	1.11	-0.846
16	1.11	-0.846
45	1.11	-0.846
24	1.11	-0.705
270	1.10	-0.440
9	1.08	0.000
21	1.08	0.000
266	1.08	0.000
Median	1.08	0.000
9	1.08	0.141
15	1.08	0.141
21	1.07	0.282
45	1.07	0.282
15	1.07	0.423
61	1.06	0.705
Std Dev	1.04	1.000
13	1.02	1.693

13	0.99	2.680
75	0.95	3.538
75	0.95	3.650
78	0.46	17.632
78	0.44	18.055

503 Other(describe)		
Lab	%	MgO
41	1.17	-1.540
41	1.15	-1.294
Std Dev	1.12	-1.000
19	1.04	0.000
77	1.04	0.000
Median	1.04	0.000
77	1.00	0.493
Std Dev	0.96	1.000
280	0.92	1.479

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
21	10.73	-2.613
45	10.58	-1.943
6	10.49	-1.519
Std Dev	10.37	-1.000
10	10.34	-0.871
9	10.33	-0.804
16	10.30	-0.692
10	10.29	-0.648
16	10.22	-0.335
9	10.21	-0.268
15	10.19	-0.179
24	10.15	0.000
Median	10.15	0.000
24	10.14	0.002
15	10.10	0.223
13	10.03	0.514
21	10.00	0.648
49	10.00	0.648
45	9.99	0.692
35	9.97	0.782
30	9.95	0.871
35	9.94	0.916
Std Dev	9.92	1.000
13	9.90	1.117

602 Other(describe)			
Lab	%	Al	
19	11.40		-0.449
280	10.73		-0.019
266	10.70		0.000
Median	10.70		0.000
Std Dev	9.14		1.000
275	8.64		1.321
275	8.56		1.372

651 Gasometric-AFPC IX.13.B			
Lab	%	CO2	
21	5.53		-4.048
21	5.47		-3.738
24	5.04		-1.312
Std Dev	4.98		-1.000
77	4.94		-0.748
9	4.82		-0.071
15	4.82		-0.042
Median	4.81		0.000
15	4.80		0.042
30	4.75		0.324
49	4.73		0.437
9	4.72		0.494
Std Dev	4.63		1.000
13	4.46		1.989
13	4.40		2.299

652 Other(describe)			
Lab	%	CO2	
78	9.62		-0.439
78	9.44		-0.368
35	8.55		-0.018
Median	8.51		0.000
35	8.46		0.018
Std Dev	5.98		1.000
280	4.95		1.407
266	4.05		1.763

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	
78	46.70		-2.173
78	46.60		-2.105
21	45.90		-1.601
270	45.66		-1.426
92	45.62		-1.400
92	45.43		-1.263
Std Dev	45.06		-1.000
21	44.75		-0.774
61	44.20		-0.378
49	43.97		-0.212
10	43.78		-0.072
9	43.68		0.000
Median	43.68		0.000
16	43.65		0.018
10	43.63		0.036
16	43.60		0.054
9	43.58		0.068
75	43.57		0.077
75	43.50		0.127
6	43.43		0.180
Std Dev	42.29		1.000
45	41.46		1.594
61	40.80		2.069
45	40.58		2.227

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

704 Permanganate			
Lab	%	CaO	
241	46.36		-2.830
Std Dev	44.86		-1.000
280	44.28		-0.293
Median	44.04		0.000
60	43.80		0.293
30	43.41		0.770

705 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	
266	44.81		-0.886
275	44.07		-0.045

275	44.03		0.000
Median	44.03		0.000
Std Dev	43.15		1.000
35	42.89		1.295
35	42.60		1.624

706 Other(describe)			
Lab	%	CaO	
15	44.10		-1.799
15	44.05		-1.612
41	43.91		-1.106
77	43.90		-1.068
41	43.90		-1.050
Std Dev	43.88		-1.000
24	43.62		0.000
Median	43.62		0.000
19	43.60		0.056
24	43.60		0.075
13	43.50		0.431
77	43.50		0.431
13	43.40		0.806

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
21	46.22		-8.422
21	45.08		-4.173
61	44.47		-1.883
49	44.31		-1.286
Std Dev	44.23		-1.000
10	44.06		-0.380
9	44.00		-0.128
16	43.99		-0.101
Median	43.96		0.000
10	43.93		0.101
16	43.93		0.104
9	43.89		0.278
75	43.89		0.282
75	43.84		0.437
6	43.76		0.753
Std Dev	43.69		1.000

61	41.13		10.543
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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
241	46.50		-2.041
Std Dev	45.40		-1.000
280	44.34		0.000
Median	44.34		0.000
30	43.66		0.639

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
266	45.13		-0.917
275	44.32		-0.044
275	44.28		0.000
Median	44.28		0.000
Std Dev	43.35		1.000
35	43.08		1.296
35	42.90		1.496

716 Other(describe)			
Lab	%	CaO	dB
15	44.50		-1.583
15	44.43		-1.396
Std Dev	44.30		-1.000
77	44.17		-0.595
24	44.00		-0.094
Median	43.97		0.000
24	43.94		0.094
13	43.82		0.472
13	43.72		0.764
77	43.70		0.839

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	
9	3.44		-1.543

275	3.42	-1.381
275	3.42	-1.381
21	3.38	-1.015
Std Dev	3.37	-1.000
21	3.37	-0.934
9	3.32	-0.528
15	3.32	-0.528
6	3.31	-0.487
15	3.29	-0.284
49	3.25	0.000
266	3.25	0.000
Median	3.25	0.000
30	3.24	0.081
75	3.20	0.447
75	3.17	0.650
270	3.15	0.812
13	3.15	0.812
13	3.15	0.853
Std Dev	3.13	1.000
24	2.89	2.924
35	2.87	3.086
24	2.84	3.330
35	2.62	5.116

803 Other(describe)		
Lab	%	Fluorine, F
77	3.36	-1.027
Std Dev	3.36	-1.000
77	3.30	-0.491
Median	3.25	0.000
280	3.19	0.491
Std Dev	3.13	1.000
19	3.09	1.385

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
6	25.0	-1.534
266	23.6	-1.017
Std Dev	23.6	-1.000
78	21.5	-0.240

77	21.0	-0.055
Median	20.9	0.000
61	20.7	0.055
78	19.2	0.610
Std Dev	18.1	1.000
35	16.0	1.793
35	15.0	2.162

913 Other(describe)		
Lab	ppm	Arsenic, As
13	23.8	-1.340
Std Dev	23.4	-1.000
Median	22.4	0.000
Std Dev	21.4	1.000
77	21.0	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
78	92	-136.589
78	91	-135.165
Std Dev	3	-1.000

923 Other(describe)		
Lab	ppm	Cadmium, Cd
6	3	-0.914
77	3	-0.914
77	3	-0.914
75	2	0.000
Median	2	0.000
75	2	0.152
266	2	0.244
35	2	0.609
35	2	0.609
Std Dev	2	1.000
61	0	3.525

923 Other(describe)		
Lab	ppm	Cadmium, Cd
13	2	0.000
Median	2	0.000

931 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Cobalt, Co

Median	0	0.000
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932 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Cobalt, Co
266	6	-0.959
6	5	-0.491
77	5	-0.491
77	5	-0.491
35	4	-0.023
35	4	-0.023
Median	4	0.000
75	4	0.023
75	3	0.585
61	2	0.812
24	2	0.959
Std Dev	2	1.000
78	1	1.380
78	1	1.380

933 Other(describe)		
Lab	ppm	Cobalt, Co
13	5	0.000
Median	5	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	0.2	-1.161
Std Dev	0.1	-1.000
266	0.1	0.000
Median	0.1	0.000
Std Dev	0.0	1.000
61	0.0	1.519

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
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952 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Iolybdenum, Mo
6	15	-1.237
61	14	-1.011
Std Dev	14	-1.000
266	14	-0.931
77	10	0.000
77	10	0.000
Median	10	0.000
24	9	0.346
78	8	0.519
78	8	0.572

953 Other(describe)		
Lab	ppm	Iolybdenum, Mo
13	15	0.000
Median	15	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
78	95	-12.106
78	93	-11.725
266	28	-1.903
Std Dev	22	-1.000
77	21	-0.838
77	21	-0.838
6	16	-0.122
75	16	0.000
Median	16	0.000
75	15	0.008
35	14	0.228
61	12	0.503
35	11	0.685
24	9	0.944
24	9	0.959

963 Other(describe)		
Lab	ppm	Nickel, Ni

19	19	-1.340
Std Dev	18	-1.000
Median	17	0.000
Std Dev	15	1.000
13	15	1.340

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	16	-1.501
266	15	-1.059
Std Dev	14	-1.000
35	12	-0.378
35	11	-0.126
77	11	-0.126
Median	11	0.000
77	10	0.126
24	8	0.618
Std Dev	7	1.000
61	6	1.160
78	1	2.396
78	1	2.396

973	Other(describe)	
Lab	ppm	Lead, Pb
13	13	0.000
Median	13	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	4	-1.340
Std Dev	4	-1.000
Median	2	0.000
Std Dev	1	1.000
61	0	1.340

983	Other(describe)	
Lab	ppm	Selenium, Se
13	20	0.000
Median	20	0.000

991	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Zinc, Zn
60	38	0.000
Median	38	0.000

992	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
78	805	-86.443
78	786	-84.372
Std Dev	41	-1.000
75	38	-0.677
75	36	-0.436
266	35	-0.347
6	32	0.000
Median	32	0.000
61	30	0.179
35	25	0.783
77	25	0.783
35	24	0.895

993	Other(describe)	
Lab	ppm	Zinc, Zn
19	37	-1.681
Std Dev	34	-1.000
13	30	0.000
Median	30	0.000
19	26	0.999