

# AFPC Rock Check Program

Sample No. 2022-11

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC IX.2.A	101	22	0.09	0.060
Other (describe)	102	9	0.14	0.045
Method Group 100		31	0.11	0.07
<b>P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC IX.3.B	201	10	42.50	0.115
ICP-induced coupled plasma AFPC IX.3.D	202	4	42.16	1.202
AOAC 962.02-15th	203	2	42.32	0.006
Photometric-AFPC IX.3.C	204	24	42.52	0.205
Automated -AOAC 978.01-15th	205	7	42.44	0.067
Method Group 200		47	42.48	0.20
<b>P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC IX.3.B	211	5	42.56	0.027
ICP-induced coupled plasma AFPC IX.3.D	212	4	42.18	1.197
AOAC 962.02-15th	213	2	42.40	0.025
Photometric-AFPC IX.3.C	214	15	42.59	0.187
Automated -AOAC 978.01-15th	215	5	42.50	0.011
Method Group 210		31	42.52	0.15
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.6.B	301	2	0.71	0.032
ICP-induced coupled plasma-AFPC IX.6.C	302	30	0.74	0.165
Other(describe)	303	4	0.82	0.025
Method Group 300		36	0.76	0.15
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.7.B	401	3	0.58	0.093
ICP-induced coupled plasma-AFPC IX.7.C	402	30	0.62	0.223
Other(describe)	403	4	0.82	0.040
Method Group 400		37	0.64	0.14
<b>MgO</b>				
Atomic Absorption-AFPC IX.8.A	501	4	0.85	0.230
ICP-induced coupled plasma-AFPC IX.8.B	502	30	1.10	0.053
Other(describe)	503	4	1.10	0.026
Method Group 500		38	1.10	0.06
<b>Acid Insoluble</b>				
Insoluble-AFPC IX.4.A	601	18	2.43	0.957
Other(describe)	602	3	2.81	0.388
Method Group 600		21	2.57	0.69
<b>Carbon Dioxide</b>				
Gasometric-AFPC IX.13.B	651	11	0.52	0.175
Other(describe)	652	16	0.31	0.234
Method Group 650		27	0.41	0.26
<b>CaO</b>				
Gravimetric sulfate-AFPC IX.12.A	701	2	44.03	0.353
ICP-induced coupled plasma-AFPC IX.12.D	702	19	43.21	0.644
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	3	43.51	1.912
EDTA Volumetric-AFPC IX.12.C	705	1	43.50	0.000
Other(describe)	706	11	43.30	0.728
Method Group 700		36	43.35	0.52
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate-AFPC IX.12.A	711	1	43.56	0.000
ICP-induced coupled plasma-AFPC IX.12.D	712	12	43.26	0.642
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	3	43.53	1.881
EDTA Volumetric-AFPC IX.12.C	715			
Other(describe)	716	10	43.32	0.511
Method Group 710		26	43.30	0.54

	Method #	# of Anal.	Grand Median	Std Dev
<b>Fluorine, F</b>				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	27	0.18	0.035
Other( describe)	803	2	0.22	0.000
Method Group 800		29	0.18	0.04
<b>Arsenic, As</b>				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	16	2.5	1.87
Other(describe)	913			
Method Group 900		16	2.5	1.87
<b>Cadmium, Cd</b>				
Atomic Absorption-AFPC IX.11.A	921	1	5	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	21	5	0.6
Other(describe)	923	1	2	0.0
Method Group 910		23	5	0.7
<b>Cobalt, Co</b>				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	13	3	1.9
Other(describe)	933	1	18	0.0
Method Group 920		14	3	2.2
<b>Mercury, Hg</b>				
Atomic Absorption-AFPC IX.16.B	941	1		0.00
ICP-induced coupled plasma-AFPC IX.16.A	942	3		0.00
Other( describe)	943			
Method Group 930		4	0.0	0.00
<b>Molybdenum, Mo</b>				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	11	9	0.8
Other( describe)	953	1	21	0.0
Method Group 940		12	9	2.5
<b>Nickel, Ni</b>				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	19	36	5.1
Other(describe)	963	1	31	0.0
Method Group 950		20	36	5.4
<b>Lead, Pb</b>				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	18	3	2.8
Other(describe)	973	1	6	0.0
Method Group 960		19	3	3.0
<b>Selenium, Se</b>				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	2		0.0
Other(describe)	983			
Method Group 970		2	0	0.0
<b>Zinc, Zn</b>				
Atomic Absorption-AFPC IX.16.B	991	1	331	0
ICP-induced coupled plasma-AFPC IX.16.A	992	19	293	49
Other(describe)	993	1	227	0
Method Group 980		21	293	47

101 Ground Sample AFPC IX.2.A			
Lab	%	H <sub>2</sub> O	
9	0.25	-2.638	
30	0.25	-2.638	
13	0.23	-2.303	
49	0.21	-1.884	
24	0.17	-1.298	
Std Dev	0.15	-1.000	
26	0.13	-0.628	
26	0.13	-0.628	
9	0.13	-0.544	
13	0.11	-0.293	
21	0.11	-0.209	
24	0.10	-0.042	
Median	0.09	0.000	
270	0.09	0.042	
21	0.07	0.377	
27	0.06	0.544	
77	0.06	0.544	
10	0.05	0.712	
55	0.05	0.712	
16	0.05	0.755	
16	0.04	0.839	
10	0.04	0.879	
77	0.04	0.963	
Std Dev	0.03	1.000	
113	0.01	1.382	

102 Other (describe)			
Lab	%	H <sub>2</sub> O	
35	0.54	-9.045	
35	0.53	-8.710	
Std Dev	0.18	-1.000	
85	0.18	-0.893	
85	0.14	0.000	
86	0.14	0.000	
86	0.14	0.000	
Median	0.14	0.000	
84	0.12	0.447	
Std Dev	0.09	1.000	
84	0.09	1.117	
275	0.05	1.876	

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
22	42.66	-1.373	
Std Dev	42.62	-1.000	
113	42.60	-0.850	
77	42.55	-0.370	
113	42.54	-0.283	
84	42.52	-0.153	
Median	42.50	0.000	
82	42.49	0.153	
84	42.48	0.240	
Std Dev	42.39	1.000	
241	42.36	1.242	
55	42.33	1.503	
56	42.26	2.113	

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
10	42.66	-0.410	
16	42.50	-0.280	
Median	42.16	0.000	
10	41.83	0.280	
Std Dev	40.96	1.000	
270	38.24	3.267	

203 AOAC 962.02-15th			
Lab	%	P2O5	
9	42.33	-1.340	
Std Dev	42.32	-1.000	
Median	42.32	0.000	
Std Dev	42.31	1.000	
9	42.31	1.340	

204 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
26	43.09	-2.765	
26	43.03	-2.473	
275	42.99	-2.278	
51	42.74	-1.060	
Std Dev	42.73	-1.000	
92	42.70	-0.865	
92	42.69	-0.792	
10	42.66	-0.670	
27	42.63	-0.499	

13	42.60	-0.378	
51	42.60	-0.353	
13	42.56	-0.158	
10	42.54	-0.085	
Median	42.52	0.000	
49	42.51	0.085	
35	42.50	0.110	
16	42.48	0.197	
81	42.45	0.353	
24	42.41	0.573	
24	42.41	0.573	
35	42.35	0.841	
Std Dev	42.32	1.000	
78	42.27	1.230	
78	42.15	1.815	
21	42.14	1.864	
21	42.00	2.570	
30	41.77	3.691	

205 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
85	42.49	-0.819	
86	42.45	-0.223	
85	42.44	-0.074	
86	42.44	0.000	
Median	42.44	0.000	
82	42.43	0.074	
Std Dev	42.37	1.000	
77	42.28	2.308	
56	42.17	4.020	

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
113	42.60	-1.790	
Std Dev	42.58	-1.000	
77	42.56	-0.139	
84	42.56	0.000	
Median	42.56	0.000	
Std Dev	42.53	1.000	
84	42.52	1.201	
55	42.35	7.632	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
Lab	%	P2O5	dB

10	42.67	-0.410	
16	42.52	-0.280	
Median	42.18	0.000	
10	41.85	0.280	
Std Dev	40.98	1.000	
270	38.27	3.268	

213 AOAC 962.02-15th			
Lab	%	P2O5	
9	42.43	-1.340	
Std Dev	42.42	-1.000	
Median	42.40	0.000	
Std Dev	42.37	1.000	
9	42.36	1.340	

214 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
26	43.15	-2.968	
26	43.09	-2.646	
275	43.01	-2.249	
Std Dev	42.78	-1.000	
35	42.72	-0.707	
13	42.70	-0.568	
27	42.65	-0.312	
13	42.60	-0.051	
49	42.59	0.000	
Median	42.59	0.000	
35	42.58	0.066	
16	42.50	0.483	
24	42.48	0.617	
24	42.45	0.788	
Std Dev	42.41	1.000	
21	42.18	2.187	
21	42.02	3.044	
30	41.87	3.874	

215 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
85	42.56	-5.988	
Std Dev	42.51	-1.000	
86	42.51	-0.893	
85	42.50	0.000	
Median	42.50	0.000	
86	42.49	0.447	

Std Dev	42.49	1.000
77	42.31	17.128

301 Atomic Absorption-AFPC IX.6.B		
Lab	%	Fe2O3
22	0.75	-1.340
Std Dev	0.74	-1.000
Median	0.71	0.000
Std Dev	0.68	1.000
30	0.67	1.340

302 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Fe2O3
35	0.89	-0.880
78	0.85	-0.668
35	0.84	-0.607
51	0.84	-0.577
10	0.82	-0.486
10	0.81	-0.426
13	0.81	-0.426
13	0.81	-0.426
49	0.80	-0.365
9	0.80	-0.335
9	0.79	-0.304
78	0.79	-0.304
21	0.78	-0.214
21	0.76	-0.123
51	0.76	-0.093
Median	0.74	0.000
16	0.72	0.093
16	0.72	0.103
92	0.67	0.422
92	0.67	0.422
24	0.64	0.604
81	0.61	0.786
24	0.59	0.907
82	0.59	0.937
Std Dev	0.57	1.000
270	0.56	1.107
85	0.52	1.361
85	0.51	1.391
86	0.51	1.422
86	0.51	1.422
84	0.50	1.452

84	0.49	1.543
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303 Other(describe)		
Lab	%	Fe2O3
77	0.83	-0.596
77	0.83	-0.397
Median	0.82	0.000
56	0.81	0.397
Std Dev	0.79	1.000
22	0.76	2.382

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
22	0.67	-1.018
Std Dev	0.67	-1.000
30	0.58	0.000
Median	0.58	0.000
Std Dev	0.48	1.000
55	0.42	1.662

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
51	0.85	-1.054
Std Dev	0.84	-1.000
78	0.83	-0.964
78	0.81	-0.852
51	0.77	-0.695
13	0.71	-0.426
13	0.70	-0.381
24	0.70	-0.381
10	0.69	-0.336
10	0.66	-0.202
21	0.66	-0.202
49	0.66	-0.179
21	0.65	-0.135
24	0.64	-0.112
9	0.64	-0.090
9	0.63	-0.067
Median	0.62	0.000
92	0.60	0.067
92	0.60	0.067
16	0.59	0.124
16	0.58	0.146
270	0.54	0.357

35	0.52	0.449
35	0.52	0.449
Std Dev	0.39	1.000
82	0.34	1.233
81	0.30	1.413
85	0.29	1.480
85	0.29	1.480
86	0.28	1.525
86	0.28	1.525
84	0.25	1.660
84	0.24	1.682

403 Other(describe)		
Lab	%	Al2O3
22	0.89	-1.745
Std Dev	0.86	-1.000
56	0.84	-0.374
Median	0.82	0.000
77	0.81	0.374
Std Dev	0.78	1.000
77	0.77	1.371

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
22	1.32	-2.029
Std Dev	1.08	-1.000
86	0.96	-0.467
Median	0.85	0.000
30	0.75	0.467
55	0.73	0.532

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
270	1.20	-1.734
21	1.16	-1.078
Std Dev	1.16	-1.000
10	1.15	-0.890
13	1.15	-0.890
13	1.15	-0.890
21	1.15	-0.890
49	1.15	-0.890
82	1.14	-0.609
10	1.13	-0.515
78	1.13	-0.515

9	1.13	-0.422
92	1.12	-0.328
9	1.12	-0.234
24	1.11	-0.141
92	1.11	-0.047
Median	1.10	0.000
35	1.10	0.047
85	1.10	0.141
16	1.08	0.356
85	1.08	0.422
51	1.08	0.515
78	1.07	0.609
16	1.07	0.628
35	1.06	0.797
86	1.06	0.890
51	1.05	0.984
84	1.05	0.984
Std Dev	1.05	1.000
27	1.05	1.078
24	1.04	1.265
84	1.03	1.359
81	0.99	2.108

503 Other(describe)		
Lab	%	MgO
56	1.14	-1.436
Std Dev	1.13	-1.000
22	1.12	-0.479
Median	1.10	0.000
77	1.09	0.479
Std Dev	1.08	1.000
77	1.08	1.053

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
26	3.62	-1.243
26	3.59	-1.212
51	3.48	-1.092
30	3.44	-1.050
Std Dev	3.39	-1.000
51	3.34	-0.946
16	2.76	-0.340
16	2.74	-0.324
22	2.71	-0.293

55	2.57	-0.146
Median	2.43	0.000
10	2.29	0.146
24	2.19	0.256
9	2.08	0.366
10	1.92	0.538
13	1.91	0.549
9	1.85	0.606
13	1.77	0.690
21	1.69	0.778
49	1.64	0.825

602 Other(describe)			
Lab	%	AI	
35	2.83		-0.064
35	2.81		0.000
Median	2.81		0.000
Std Dev	2.42		1.000
21	1.79		2.616

651 Gasometric-AFPC IX.13.B			
Lab	%	CO2	
81	0.80		-1.597
Std Dev	0.70		-1.000
49	0.62		-0.570
24	0.59		-0.371
24	0.53		-0.057
21	0.52		0.000
21	0.52		0.000
Median	0.52		0.000
30	0.41		0.656
Std Dev	0.34		1.000
13	0.33		1.112
13	0.32		1.140
16	0.22		1.711
16	0.11		2.338

652 Other(describe)			
Lab	%	CO2	
82	0.70		-1.666
Std Dev	0.54		-1.000
86	0.52		-0.876
86	0.50		-0.790
85	0.45		-0.577

85	0.45	-0.577
84	0.43	-0.513
84	0.41	-0.427
78	0.33	-0.085
Median	0.31	0.000
78	0.29	0.085
55	0.17	0.598
51	0.17	0.619
51	0.14	0.747
56	0.12	0.811
22	0.09	0.940
Std Dev	0.08	1.000
35	0.05	1.110
35	0.05	1.132

701 Gravimetric sulfate-AFPC IX.12.A			
Lab	%	CaO	
22	44.51		-1.340
Std Dev	44.39		-1.000
Median	44.03		0.000
Std Dev	43.68		1.000
113	43.56		1.340

702 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	
78	45.33		-3.286
78	44.57		-2.105
10	44.40		-1.849
Std Dev	43.85		-1.000
51	43.67		-0.715
51	43.55		-0.520
13	43.52		-0.482
13	43.46		-0.381
49	43.40		-0.287
10	43.23		-0.031
9	43.21		0.000
9	43.21		0.000
Median	43.21		0.000
92	43.02		0.295
92	42.96		0.388
82	42.69		0.808
21	42.65		0.870
16	42.63		0.909
Std Dev	42.57		1.000

16	42.56	1.010
21	42.47	1.150
270	40.73	3.861

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

704 Permanganate			
Lab	%	CaO	
55	48.24		-2.476
Std Dev	45.42		-1.000
27	43.51		0.000
Median	43.51		0.000
30	43.12		0.204

705 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	
81	43.50		0.000
Median	43.50		0.000

706 Other(describe)			
Lab	%	CaO	
56	44.44		-1.560
77	44.21		-1.244
77	44.21		-1.244
Std Dev	44.03		-1.000
84	43.74		-0.605
84	43.60		-0.412
85	43.30		0.000
Median	43.30		0.000
85	43.20		0.137
86	43.00		0.412
24	43.00		0.419
24	42.78		0.715
Std Dev	42.57		1.000
86	42.06		1.704

711 Gravimetric sulfate-AFPC IX.12.A			
Lab	%	CaO	dB
113	43.56		0.000
Median	43.56		0.000

712 ICP-induced coupled plasma-AFPC IX.12.I			
Lab	%	CaO	dB
10	44.42		-1.807
Std Dev	43.90		-1.000
13	43.62		-0.565
13	43.50		-0.382
49	43.48		-0.352
9	43.32		-0.094
9	43.26		-0.010
Median	43.26		0.000
10	43.25		0.010
21	42.69		0.877
16	42.65		0.954
Std Dev	42.62		1.000
16	42.58		1.059
21	42.50		1.181
270	40.76		3.888

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

714 Permanganate			
Lab	%	CaO	dB
55	48.26		-2.516
Std Dev	45.41		-1.000
27	43.53		0.000
Median	43.53		0.000
30	43.22		0.164

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

716 Other(describe)			
Lab	%	CaO	dB
77	44.23		-1.789
77	44.22		-1.768
Std Dev	43.83		-1.000
84	43.78		-0.900
84	43.65		-0.652
85	43.36		-0.081
Median	43.32		0.000
85	43.28		0.081

24	43.07	0.487
86	43.06	0.507
24	42.82	0.971
Std Dev	42.81	1.000
86	42.12	2.349

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	0.24	-1.883
9	0.24	-1.883
21	0.24	-1.738
30	0.24	-1.738
21	0.21	-1.014
Std Dev	0.21	-1.000
84	0.21	-0.869
86	0.20	-0.782
86	0.20	-0.724
24	0.20	-0.579
51	0.19	-0.435
81	0.19	-0.290
51	0.18	-0.145
24	0.18	0.000
84	0.18	0.000
Median	0.18	0.000
22	0.17	0.145
27	0.17	0.290
13	0.16	0.435
13	0.16	0.435
55	0.16	0.435
35	0.16	0.579
16	0.15	0.594
16	0.15	0.594
49	0.15	0.724
82	0.15	0.724
Std Dev	0.14	1.000
113	0.14	1.014
35	0.14	1.159
270	0.10	2.173

803	Oher( describe)	
Lab	%	Fluorine, F
77	0.22	0.000
77	0.22	0.000
Median	0.22	0.000

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
82	<2.4	0.000
113	<0.5	0.000
35	6.0	-1.903
35	5.0	-1.367
Std Dev	4.3	-1.000
84	4.0	-0.831
51	3.5	-0.563
84	3.5	-0.563
85	3.0	-0.295
85	3.0	-0.295
51	2.5	-0.027
Median	2.5	0.000
24	2.4	0.027
81	2.4	0.027
24	2.1	0.214
78	1.0	0.777
78	1.0	0.777
270	1.0	0.777
Std Dev	0.6	1.000
16	0.2	1.195
16		1.313

913	Other(describe)	
Lab	ppm	Arsenic, As
Median	0.0	0.000

921	Atomic Absorption-AFPC IX.11.A	
Lab	ppm	Cadmium, Cd
86	5	0.000
Median	5	0.000

922	ICP-induced coupled plasma-AFPC IX.11.B	
Lab	ppm	Cadmium, Cd
77	16	-17.946
77	11	-9.970
78	6	-2.624
113	5	-1.125
Std Dev	5	-1.000
35	5	-0.399
51	5	-0.399
84	5	-0.399
85	5	-0.239
16	5	-0.223
86	5	-0.080
82	5	0.000
Median	5	0.000
16	5	0.032
85	5	0.080
81	5	0.239
270	4	0.479
78	4	0.941
Std Dev	4	1.000
35	4	1.196
51	4	1.196
84	4	1.196
24	4	1.835
24	4	1.994

923	Other(describe)	
Lab	ppm	Cadmium, Cd
55	2	0.000
Median	2	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
77	11	-4.497
77	7	-2.085
78	5	-1.281
Std Dev	4	-1.000
78	4	-0.745
81	3	-0.209

270	3	-0.209
16	3	0.000
Median	3	0.000
82	3	0.005
16	2	0.067
35	2	0.595
24	1	0.729
24	1	0.783
35	1	0.863

933	Other(describe)	
Lab	ppm	Cobalt, Co
55	18	0.000
Median	18	0.000

941	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Mercury, Hg
81	0.0	0.000
Median	0.0	0.000

942	ICP-induced coupled plasma-AFPC IX.16.	
Lab	ppm	Mercury, Hg
16	0.0	0.000
16	0.0	0.000
270	0.0	0.000
Median	0.0	0.000

943	Other(describe)	
Lab	ppm	Mercury, Hg
113	<0.1	0.000
Median	0.0	0.000

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

952	ICP-induced coupled plasma-AFPC IX.16.	
Lab	ppm	Iolybdenum, Mo
77	21	-15.665
77	19	-13.113
Std Dev	10	-1.000
78	9	-0.861
270	9	-0.798
16	9	-0.230

16	9	0.000
Median	9	0.000
78	9	0.096
82	9	0.160
24	8	0.861
Std Dev	8	1.000
24	8	1.117
81	7	1.946

953 Other(describe)		
Lab	ppm	Iolybdenum, Mo
55	21	0.000
Median	21	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	46	-2.039
77	44	-1.554
78	43	-1.457
77	42	-1.262
16	41	-1.136
Std Dev	41	-1.000
16	40	-0.854
82	38	-0.544
85	37	-0.194
81	36	-0.097
85	36	0.000
270	36	0.000
Median	36	0.000
35	35	0.194
35	35	0.194
24	34	0.204
86	33	0.486
86	33	0.486
24	32	0.689
84	31	0.874
84	31	0.874

963 Other(describe)		
Lab	ppm	Nickel, Ni

55	31	0.000
Median	31	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
35	33	-10.756
35	31	-9.862
77	11	-2.716
77	7	-1.465
84	6	-1.108
Std Dev	6	-1.000
84	5	-0.750
81	5	-0.590
113	3	-0.127
51	3	-0.036
Median	3	0.000
82	3	0.036
16	2	0.252
51	2	0.322
85	2	0.322
85	2	0.322
270	1	0.661
78	1	0.679
78	1	0.679
16	1	0.774

973 Other(describe)		
Lab	ppm	Lead, Pb
55	6	0.000
Median	6	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
16	0	0.000
16	0	0.000
Median	0	0.000

983 Other(describe)		
Lab	ppm	Selenium, Se
77	<0.1	0.000
77	<0.1	0.000
Median		0.000

991 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn
22	331	0.000
Median	331	0.000

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
78	376	-1.695
24	357	-1.299
78	357	-1.299
77	343	-1.015
Std Dev	342	-1.000
77	341	-0.975
24	335	-0.853
16	315	-0.457
16	315	-0.457
82	311	-0.372
85	293	0.000
Median	293	0.000
85	292	0.020
81	288	0.091
84	279	0.274
86	272	0.426
86	272	0.426
84	263	0.599
270	262	0.619
35	260	0.660
35	258	0.700

993 Other(describe)		
Lab	ppm	Zinc, Zn
55	227	0.000
Median	227	0.000