

# AFPC Rock Check Program

Sample No. 2010-03

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC IX.2.A	101	18	0.99	0.107
Other (describe)	102	6	1.00	0.082
Method Group 100		24	0.99	0.10
<b>P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC IX.3.B	201	3	33.17	0.123
ICP-induced coupled plasma AFPC IX.3.D	202	6	33.09	0.281
Photometric-AFPC IX.3.C	203	10	32.97	0.103
Automated -AOAC 978.01-15th	204	7	33.10	0.082
Other(describe)	205	7	33.12	0.201
Method Group 200		33	33.07	0.11
<b>P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC IX.3.B	211	3	33.51	0.174
ICP-induced coupled plasma AFPC IX.3.D	212	5	33.41	0.047
Photometric-AFPC IX.3.C	213	4	33.39	0.277
Automated -AOAC 978.01-15th	214	7	33.41	0.093
Other(describe)	215	5	33.49	0.289
Method Group 210		24	33.42	0.10
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.6.B	301	4	1.11	0.039
ICP-induced coupled plasma-AFPC IX.6.C	302	24	1.10	0.042
Other(describe)	303	3	1.10	0.030
Method Group 300		31	1.10	0.04
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.7.B	401	2	1.44	0.078
ICP-induced coupled plasma-AFPC IX.7.C	402	24	1.44	0.098
Other(describe)	403	3	1.42	0.078
Method Group 400		29	1.44	0.10
<b>MgO</b>				
Atomic Absorption-AFPC IX.8.A	501	4	0.35	0.022
ICP-induced coupled plasma-AFPC IX.8.B	502	23	0.35	0.015
Other(describe)	503	4	0.36	0.019
Method Group 500		31	0.35	0.02
<b>Acid Insoluble</b>				
Insoluble-AFPC IX.4.A	601	14	3.23	0.161
Other(describe)	602	5	3.48	0.295
Method Group 600		19	3.26	0.23
<b>Carbon Dioxide</b>				
Gasometric-AFPC IX.13.B	651	7	3.51	0.000
Other(describe)	652	3	3.56	0.000
Method Group 650		10	3.54	0.39
<b>CaO</b>				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	13	47.98	0.373
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	47.51	0.604
EDTA Volumetric-AFPC IX.12.C	705	6	47.50	0.416
Other(describe)	706	10	47.86	0.410
Method Group 700		31	47.83	0.43
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	13	48.28	0.260
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	2	47.84	0.854
EDTA Volumetric-AFPC IX.12.C	715	6	48.01	0.731
Other(describe)	716	10	48.36	0.420
Method Group 710		23	48.32	0.31

	Method #	# of Anal.	Grand Median	Std Dev
<b>Fluorine, F</b>				
Volumetric-AFPC IX.14.A	801	1	3.79	0.000
Specific Ion Electrode-AFPC IX.14.B	802	17	3.70	0.146
Other (describe)	803	2	3.80	0.037
Method Group 800		20	3.71	0.13
<b>Arsenic, As</b>				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	5	3.0	6.60
Other(describe)	913	1	7.8	0.00
Method Group 900		6	5.4	5.85
<b>Cadmium, Cd</b>				
Atomic Absorption-AFPC IX.11.A	921	1	11	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	12	6	0.4
Other(describe)	923	1	6	0.0
Method Group 910		14	6	0.6
<b>Cobalt, Co</b>				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	10	3	0.3
Other(describe)	933	2	14	7.8
Method Group 920		12	3	0.3
<b>Mercury, Hg</b>				
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
<b>Molybdenum, Mo</b>				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	10	7	0.6
Other(describe)	953	1	7	0.0
Method Group 940		11	7	0.5
<b>Nickel, Ni</b>				
Atomic Absorption-AFPC IX.16.B	961	1	37	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	12	9	1.3
Other(describe)	963	2	18	4.6
Method Group 950		15	9	2.5
<b>Lead, Pb</b>				
Atomic Absorption-AFPC IX.16.B	971	1	13	0.0
ICP-induced coupled plasma-AFPC IX.16.A	972	9	18	4.7
Other(describe)	973	1	19	0.0
Method Group 960		11	18	5.5
<b>Selenium, Se</b>				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	3	1	1.3
Other(describe)	983	1	2	0.0
Method Group 970		4	1	1.3
<b>Zinc, Zn</b>				
Atomic Absorption-AFPC IX.16.B	991	2	56	7
ICP-induced coupled plasma-AFPC IX.16.A	992	12	58	7
Other(describe)	993	2	68	7
Method Group 980		16	59	8

101 Ground Sample AFPC IX.2.A			
Lab	%	H <sub>2</sub> O	
27	1.37	-3.505	
9	1.14	-1.355	
9	1.11	-1.075	
15	1.10	-1.028	
<b>Std Dev</b>	<b>1.10</b>	<b>-1.000</b>	
15	1.09	-0.935	
33	1.07	-0.748	
6	1.02	-0.280	
24	1.01	-0.187	
10	1.01	-0.140	
<b>Median</b>	<b>0.99</b>	<b>0.000</b>	
24	0.98	0.140	
10	0.97	0.234	
13	0.96	0.280	
75	0.96	0.280	
237	0.94	0.509	
75	0.93	0.561	
<b>Std Dev</b>	<b>0.88</b>	<b>1.000</b>	
35	0.78	1.963	
77	0.55	4.112	
77	0.50	4.580	

102 Other (describe)			
Lab	%	H <sub>2</sub> O	
16	1.10	-1.218	
16	1.08	-1.035	
<b>Std Dev</b>	<b>1.08</b>	<b>-1.000</b>	
241	1.02	-0.305	
<b>Median</b>	<b>1.00</b>	<b>0.000</b>	
55	0.97	0.305	
51	0.95	0.548	
69	0.95	0.548	

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
51	33.35	-1.462	
<b>Std Dev</b>	<b>33.29</b>	<b>-1.000</b>	
241	33.17	0.000	
<b>Median</b>	<b>33.17</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>33.05</b>	<b>1.000</b>	
77	33.02	1.218	

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
266	33.98	-3.188	
55	33.57	-1.710	
<b>Std Dev</b>	<b>33.37</b>	<b>-1.000</b>	
15	33.10	-0.036	
<b>Median</b>	<b>33.09</b>	<b>0.000</b>	
10	33.08	0.036	
10	33.07	0.053	
6	32.96	0.445	

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
9	33.11	-1.316	
<b>Std Dev</b>	<b>33.07</b>	<b>-1.000</b>	
92	33.07	-0.975	
33	33.06	-0.877	
9	32.99	-0.195	
78	32.97	0.000	
92	32.97	0.000	
<b>Median</b>	<b>32.97</b>	<b>0.000</b>	
78	32.92	0.487	
60	32.90	0.682	
<b>Std Dev</b>	<b>32.87</b>	<b>1.000</b>	
270	32.75	2.144	
27	31.74	11.987	

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
24	33.12	-0.244	
13	33.11	-0.122	
15	33.11	-0.061	
75	33.10	0.000	
<b>Median</b>	<b>33.10</b>	<b>0.000</b>	
75	33.04	0.792	
<b>Std Dev</b>	<b>33.02</b>	<b>1.000</b>	
24	32.96	1.705	
77	32.95	1.827	

205 Other(describe)			
Lab	%	P2O5	
69	33.70	-2.879	
35	33.56	-2.184	
<b>Std Dev</b>	<b>33.32</b>	<b>-1.000</b>	

16	33.13	-0.025	
51	33.12	0.000	
<b>Median</b>	<b>33.12</b>	<b>0.000</b>	
16	33.08	0.223	
19	33.07	0.248	
<b>Std Dev</b>	<b>32.92</b>	<b>1.000</b>	
237	32.86	1.290	

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
51	33.67	-0.906	
241	33.51	0.000	
<b>Median</b>	<b>33.51</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>33.34</b>	<b>1.000</b>	
77	33.20	1.774	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
55	33.89	-10.476	
15	33.46	-1.159	
<b>Std Dev</b>	<b>33.45</b>	<b>-1.000</b>	
10	33.41	0.000	
<b>Median</b>	<b>33.41</b>	<b>0.000</b>	
10	33.40	0.181	
<b>Std Dev</b>	<b>33.36</b>	<b>1.000</b>	
6	33.30	2.277	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
9	33.49	-0.351	
33	33.42	-0.107	
<b>Median</b>	<b>33.39</b>	<b>0.000</b>	
9	33.36	0.107	
<b>Std Dev</b>	<b>33.11</b>	<b>1.000</b>	
27	32.18	4.370	

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
15	33.47	-0.672	
24	33.46	-0.508	
13	33.43	-0.217	
75	33.41	0.000	
<b>Median</b>	<b>33.41</b>	<b>0.000</b>	
75	33.36	0.597	

<b>Std Dev</b>	<b>33.32</b>	<b>1.000</b>	
24	33.28	1.358	
77	33.12	3.175	

215 Other(describe)			
Lab	%	P2O5	dB
69	34.02	-1.837	
35	33.82	-1.148	
<b>Std Dev</b>	<b>33.78</b>	<b>-1.000</b>	
16	33.49	0.000	
<b>Median</b>	<b>33.49</b>	<b>0.000</b>	
16	33.44	0.192	
<b>Std Dev</b>	<b>33.20</b>	<b>1.000</b>	
237	33.17	1.111	

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
27	1.15	-0.893	
241	1.12	-0.255	
<b>Median</b>	<b>1.11</b>	<b>0.000</b>	
33	1.10	0.255	
<b>Std Dev</b>	<b>1.07</b>	<b>1.000</b>	
60	1.00	2.935	

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
77	1.24	-3.359	
77	1.21	-2.644	
78	1.17	-1.691	
266	1.17	-1.691	
78	1.16	-1.453	
<b>Std Dev</b>	<b>1.14</b>	<b>-1.000</b>	
270	1.14	-0.977	
51	1.14	-0.858	
13	1.12	-0.500	
15	1.11	-0.262	
15	1.11	-0.143	
6	1.10	-0.024	
10	1.10	-0.024	
<b>Median</b>	<b>1.10</b>	<b>0.000</b>	
69	1.10	0.024	
10	1.10	0.095	
92	1.09	0.214	
9	1.09	0.334	

75	1.08	0.354
9	1.08	0.453
92	1.08	0.453
75	1.07	0.708
55	1.06	0.929
<b>Std Dev</b>	<b>1.06</b>	<b>1.000</b>
237	1.03	1.703
24	1.00	2.358
35	0.91	4.502

303 Other(describe)		
Lab	%	Fe2O3
16	1.10	0.000
16	1.10	0.000
<b>Median</b>	<b>1.10</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.07</b>	<b>1.000</b>
19	1.02	2.680

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
241	1.54	-1.340
<b>Std Dev</b>	<b>1.51</b>	<b>-1.000</b>
<b>Median</b>	<b>1.44</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.36</b>	<b>1.000</b>
27	1.33	1.340

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
78	1.70	-2.567
266	1.69	-2.516
78	1.68	-2.363
77	1.63	-1.904
77	1.63	-1.904
51	1.59	-1.495
<b>Std Dev</b>	<b>1.54</b>	<b>-1.000</b>
237	1.53	-0.832
24	1.51	-0.679
270	1.49	-0.474
55	1.46	-0.168
75	1.45	-0.051
75	1.45	-0.036
<b>Median</b>	<b>1.44</b>	<b>0.000</b>
13	1.44	0.036
6	1.42	0.240

10	1.42	0.240
10	1.42	0.240
69	1.42	0.240
15	1.41	0.342
15	1.41	0.342
92	1.41	0.342
92	1.40	0.444
9	1.40	0.496
9	1.39	0.547
<b>Std Dev</b>	<b>1.35</b>	<b>1.000</b>
35	1.33	1.159

403 Other(describe)		
Lab	%	Al2O3
19	1.62	-2.616
<b>Std Dev</b>	<b>1.49</b>	<b>-1.000</b>
16	1.42	0.000
<b>Median</b>	<b>1.42</b>	<b>0.000</b>
16	1.41	0.064

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
35	0.39	-1.787
<b>Std Dev</b>	<b>0.37</b>	<b>-1.000</b>
33	0.36	-0.447
<b>Median</b>	<b>0.35</b>	<b>0.000</b>
241	0.34	0.447
60	0.33	0.893

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
78	0.41	-4.020
78	0.41	-3.685
92	0.40	-3.350
92	0.40	-3.350
13	0.37	-1.340
266	0.37	-1.340
<b>Std Dev</b>	<b>0.36</b>	<b>-1.000</b>
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

15	0.35	0.000
<b>Median</b>	<b>0.35</b>	<b>0.000</b>
69	0.35	0.067
51	0.34	0.670
77	0.34	0.670
77	0.34	0.670
237	0.34	0.670
<b>Std Dev</b>	<b>0.34</b>	<b>1.000</b>
24	0.33	1.340
55	0.33	1.340
270	0.33	1.340
75	0.32	1.716
75	0.32	2.022

503 Other(describe)		
Lab	%	MgO
19	0.40	-2.412
<b>Std Dev</b>	<b>0.37</b>	<b>-1.000</b>
16	0.36	-0.268
<b>Median</b>	<b>0.36</b>	<b>0.000</b>
16	0.35	0.268
<b>Std Dev</b>	<b>0.34</b>	<b>1.000</b>
27	0.33	1.340

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
55	5.30	-12.842
69	3.39	-1.007
24	3.39	-1.007
<b>Std Dev</b>	<b>3.39</b>	<b>-1.000</b>
15	3.30	-0.449
24	3.28	-0.325
35	3.28	-0.325
15	3.26	-0.170
<b>Median</b>	<b>3.23</b>	<b>0.000</b>
9	3.20	0.170
33	3.15	0.480
10	3.12	0.666
<b>Std Dev</b>	<b>3.07</b>	<b>1.000</b>
9	3.07	1.007
10	3.04	1.162
6	2.76	2.897
13	2.73	3.083

602 Other(describe)		
Lab	%	Al
19	4.26	-2.646
<b>Std Dev</b>	<b>3.77</b>	<b>-1.000</b>

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
15	3.74	-0.536
15	3.74	-0.536
13	3.53	-0.047
6	3.51	0.000
<b>Median</b>	<b>3.51</b>	<b>0.000</b>
<b>Std Dev</b>	<b>3.08</b>	<b>1.000</b>
9	3.06	1.049
9	3.06	1.049
69	2.99	1.212

652 Other(describe)		
Lab	%	CO2
237	3.98	-2.618
<b>Std Dev</b>	<b>3.72</b>	<b>-1.000</b>
51	3.56	0.000
<b>Median</b>	<b>3.56</b>	<b>0.000</b>
266	3.55	0.062

701 Gravimetric sulfate-AFPC IX.12.A		
Lab	%	CaO
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

702 ICP-induced coupled plasma-AFPC IX.12.		
Lab	%	CaO
75	49.05	-2.870
78	48.47	-1.305
<b>Std Dev</b>	<b>48.35</b>	<b>-1.000</b>
92	48.28	-0.809
77	48.20	-0.595
92	48.08	-0.273
78	48.06	-0.206
75	47.98	0.000
<b>Median</b>	<b>47.98</b>	<b>0.000</b>
6	47.83	0.397
15	47.81	0.464
10	47.70	0.745
77	47.70	0.745
10	47.62	0.973

Std Dev	47.60	1.000
237	47.07	2.433

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

704 Permanganate		
Lab	%	CaO
27	48.32	-1.340
Std Dev	48.11	-1.000
Median	47.51	0.000
Std Dev	46.91	1.000
60	46.70	1.340

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
266	48.62	-2.686
Std Dev	47.92	-1.000
9	47.77	-0.631
9	47.71	-0.499
Median	47.50	0.000
55	47.30	0.499
270	47.16	0.823
Std Dev	47.09	1.000
35	46.69	1.953

706 Other(describe)		
Lab	%	CaO
51	48.51	-1.578
24	48.40	-1.297
24	48.38	-1.261
Std Dev	48.27	-1.000
16	47.97	-0.250
69	47.87	-0.018
Median	47.86	0.000
16	47.86	0.018
15	47.81	0.140
13	47.70	0.396
33	47.49	0.908
Std Dev	47.45	1.000
19	47.00	2.101

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
75	49.52		-4.787
Std Dev	48.54		-1.000
78	48.47		-0.712
77	48.44		-0.624
75	48.43		-0.571
15	48.33		-0.199
6	48.32		-0.165
92	48.28		0.000
Median	48.28		0.000
10	48.16		0.443
10	48.10		0.699
92	48.08		0.769
78	48.06		0.865
Std Dev	48.02		1.000
77	47.96		1.216
237	47.51		2.944

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

714 Permanganate			
Lab	%	CaO	dB
27	48.99		-1.340
Std Dev	48.70		-1.000
Median	47.84		0.000
Std Dev	46.99		1.000
60	46.70		1.340

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
266	48.62		-0.838
9	48.30		-0.398
9	48.26		-0.342
Median	48.01		0.000
55	47.76		0.342
Std Dev	47.28		1.000
270	47.16		1.161

35 47.06 1.302

716 Other(describe)			
Lab	%	CaO	dB
51	48.98		-1.473
24	48.89		-1.267
24	48.86		-1.190
Std Dev	48.78		-1.000
16	48.50		-0.331
16	48.38		-0.049
Median	48.36		0.000
15	48.34		0.049
69	48.33		0.067
13	48.16		0.464
33	48.00		0.842
Std Dev	47.94		1.000
19	47.00		3.235

801 Volumetric-AFPC IX.14.A		
Lab	%	Fluorine, F
33	3.79	0.000
Median	3.79	0.000

802 Specific Ion Electrode-AFPC IX.14.B		
Lab	%	Fluorine, F
69	35.92	-221.409
266	4.14	-3.024
35	4.00	-2.062
51	3.90	-1.340
9	3.86	-1.065
Std Dev	3.85	-1.000
9	3.84	-0.928
13	3.72	-0.137
15	3.71	-0.034
270	3.70	0.000
Median	3.70	0.000
27	3.70	0.034
15	3.68	0.172
237	3.68	0.172
75	3.66	0.275
Std Dev	3.55	1.000
24	3.53	1.203
24	3.51	1.306
75	3.51	1.340

55 3.29 2.852

803 Other(describe)		
Lab	%	Fluorine, F
77	3.85	-1.340
Std Dev	3.84	-1.000
Median	3.80	0.000
Std Dev	3.76	1.000
77	3.75	1.340

911 Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As
Median	0.0	0.000

912 ICP-induced coupled plasma-AFPC IX.15.		
Lab	ppm	Arsenic, As
266	11.0	-1.211
270	10.0	-1.060
Std Dev	9.6	-1.000
69	3.0	0.000
Median	3.0	0.000
78	1.2	0.280
78	0.7	0.356

913 Other(describe)		
Lab	ppm	Arsenic, As
13	7.8	0.000
Median	7.8	0.000

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
27	11	0.000
Median	11	0.000

922 ICP-induced coupled plasma-AFPC IX.11.		
Lab	ppm	Cadmium, Cd
78	8	-4.786
78	8	-4.307
51	7	-2.393
Std Dev	6	-1.000
55	6	-0.909
69	6	0.000
75	6	0.000
75	6	0.000

77	6	0.000
77	6	0.000
Median	6	0.000
270	6	0.239
Std Dev	6	1.000
266	5	1.579
237	5	2.154

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	4	-3.248
55	4	-1.803
Std Dev	3	-1.000
69	3	0.000
75	3	0.000
77	3	0.000
78	3	0.000
266	3	0.000
Median	3	0.000
Std Dev	3	1.000
237	2	1.787
270	2	3.573
51	1	6.497

933 Other(describe)		
Lab	ppm	Cobalt, Co
27	24	-1.340
Std Dev	21	-1.000
Median	14	0.000
Std Dev	6	1.000
13	3	1.340

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
69	<0.1	0.000
266	0.1	0.000
Median	0.1	0.000

943 Other(describe)		
Lab	ppm	Mercury, Hg
270	---	0.000
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
69	9	-3.207
Std Dev	8	-1.000
78	8	-0.923
78	8	-0.659
51	8	-0.571
266	7	-0.308
Median	7	0.000
77	7	0.308
77	7	0.308
55	7	0.835
Std Dev	7	1.000
237	6	1.889
270	6	2.065

953 Other(describe)		
Lab	ppm	Molybdenum, Mo
13	7	0.000
Median	7	0.000

961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni
27	37	0.000
Median	37	0.000

962 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Nickel, Ni
266	16	-5.760
270	11	-2.000
51	11	-1.600
Std Dev	10	-1.000
237	9	-0.720
55	9	-0.692
75	9	-0.400
Median	9	0.000
69	8	0.400
75	8	0.400
77	8	0.400
77	8	0.400
78	8	0.400
78	8	0.400

963 Other(describe)		
Lab	ppm	Nickel, Ni
19	24	-1.340
Std Dev	22	-1.000
Median	18	0.000
Std Dev	13	1.000
13	12	1.340

971 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Lead, Pb
27	13	0.000
Median	13	0.000

972 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Lead, Pb
55	23	-1.068
237	23	-1.063
Std Dev	22	-1.000
266	21	-0.808
270	21	-0.744
69	18	0.000
Median	18	0.000
77	15	0.532
77	15	0.532
Std Dev	13	1.000
78	11	1.489
78	9	1.808

973 Other(describe)		
Lab	ppm	Lead, Pb
13	19	0.000
Median	19	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
69	<0.1	0.000
266	4	-2.064
Std Dev	2	-1.000
55	1	0.000
Median	1	0.000
270	0	0.616

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
27	66	-1.340
Std Dev	63	-1.000
Median	56	0.000
Std Dev	49	1.000
60	46	1.340

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
270	73	-2.154
51	67	-1.278
75	67	-1.278
Std Dev	65	-1.000
75	64	-0.767
77	59	-0.110
77	59	-0.110
Median	58	0.000
69	58	0.110
55	57	0.144

266	56	0.387
237	54	0.621
Std Dev	51	1.000
78	1	8.361
78	1	8.361

993 Other(describe)		
Lab	ppm	Zinc, Zn
13	78	-1.340
Std Dev	75	-1.000
Median	68	0.000
Std Dev	61	1.000
19	58	1.340