

# AFPC Rock Check Program

Sample No. 2014-03

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC IX.2.A	101	32	1.29	0.103
Other (describe)	102			
<b>Method Group 100</b>		<b>32</b>	<b>1.29</b>	<b>0.10</b>
<b>P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC IX.3.B	201	4	26.72	0.352
ICP-induced coupled plasma AFPC IX.3.D	202	5	26.68	0.063
Photometric-AFPC IX.3.C	203	16	26.76	0.157
Automated -AOAC 978.01-15th	204	11	26.75	0.086
Other(describe)	205			
<b>Method Group 200</b>		<b>36</b>	<b>26.74</b>	<b>0.13</b>
<b>P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC IX.3.B	211	4	26.96	0.299
ICP-induced coupled plasma AFPC IX.3.D	212	5	27.03	0.064
Photometric-AFPC IX.3.C	213	10	27.15	0.132
Automated -AOAC 978.01-15th	214	11	27.12	0.101
Other(describe)	215			
<b>Method Group 210</b>		<b>30</b>	<b>27.09</b>	<b>0.11</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.6.B	301	2	0.63	0.011
ICP-induced coupled plasma-AFPC IX.6.C	302	27	0.65	0.243
Other(describe)	303	2	0.83	0.000
<b>Method Group 300</b>		<b>31</b>	<b>0.65</b>	<b>0.24</b>
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.7.B	401	2	0.40	0.007
ICP-induced coupled plasma-AFPC IX.7.C	402	27	0.37	0.037
Other(describe)	403	3	0.49	0.075
<b>Method Group 400</b>		<b>32</b>	<b>0.38</b>	<b>0.04</b>
<b>MgO</b>				
Atomic Absorption-AFPC IX.8.A	501	5	0.61	0.057
ICP-induced coupled plasma-AFPC IX.8.B	502	27	0.63	0.011
Other(describe)	503	2	0.63	0.007
<b>Method Group 500</b>		<b>34</b>	<b>0.63</b>	<b>0.01</b>
<b>Acid Insoluble</b>				
Insoluble-AFPC IX.4.A	601	24	9.46	0.368
Other(describe)	602	1	9.43	0.000
<b>Method Group 600</b>		<b>25</b>	<b>9.45</b>	<b>0.34</b>
<b>Carbon Dioxide</b>				
Gasometric-AFPC IX.13.B	651	15	6.18	0.384
Other(describe)	652	6	11.63	3.801
<b>Method Group 650</b>		<b>21</b>	<b>6.29</b>	<b>0.37</b>
<b>CaO</b>				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	21	43.81	0.272
Ceric Sulfate volumetric-AFPC IX.12.B	703	1	41.44	0.000
Permanganate	704	3	44.04	0.776
EDTA Volumetric-AFPC IX.12.C	705	3	43.50	0.295
Other(describe)	706	7	44.30	0.332
<b>Method Group 700</b>		<b>35</b>	<b>43.88</b>	<b>0.57</b>
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	15	44.39	0.141
Ceric Sulfate volumetric-AFPC IX.12.B	713	1	41.75	0.000
Permanganate	714	3	44.67	0.804
EDTA Volumetric-AFPC IX.12.C	715	3	44.03	0.279
Other(describe)	716	7	44.73	0.425
<b>Method Group 710</b>		<b>29</b>	<b>44.40</b>	<b>0.28</b>

	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	23	3.16	0.104
Other (describe)	803	2	3.18	0.007
<b>Method Group 800</b>		<b>25</b>	<b>3.17</b>	<b>0.10</b>
<b>Arsenic, As</b>				
Atomic Absorption	911	1	38.0	0.00
ICP-induced coupled plasma-AFPC IX.15.B	912	7	15.8	0.88
Other(describe)	913	2	17.4	1.01
<b>Method Group 900</b>		<b>10</b>	<b>16.1</b>	<b>1.60</b>
<b>Cadmium, Cd</b>				
Atomic Absorption-AFPC IX.11.A	921	1	13	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	11	29	2.4
Other(describe)	923	1	32	0.0
<b>Method Group 910</b>		<b>13</b>	<b>29</b>	<b>3.1</b>
<b>Cobalt, Co</b>				
Atomic Absorption-AFPC IX.16.B	931	1	0	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	10	1	0.7
Other(describe)	933	1	1	0.0
<b>Method Group 920</b>		<b>12</b>	<b>1</b>	<b>0.8</b>
<b>Mercury, Hg</b>				
Atomic Absorption-AFPC IX.16.B	941	1		0.00
ICP-induced coupled plasma-AFPC IX.16.A	942	1	0.0	0.00
Other (describe)	943	1	0.3	0.00
<b>Method Group 930</b>		<b>3</b>	<b>0.0</b>	<b>0.11</b>
<b>Molybdenum, Mo</b>				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	9	10	0.4
Other (describe)	953	1	12	0.0
<b>Method Group 940</b>		<b>10</b>	<b>10</b>	<b>0.7</b>
<b>Nickel, Ni</b>				
Atomic Absorption-AFPC IX.16.B	961	1	21	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	11	18	1.4
Other (describe)	963	1	23	0.0
<b>Method Group 950</b>		<b>13</b>	<b>19</b>	<b>2.1</b>
<b>Lead, Pb</b>				
Atomic Absorption-AFPC IX.16.B	971	1	0	0.0
ICP-induced coupled plasma-AFPC IX.16.A	972	7	4	1.5
Other (describe)	973	1	3	0.0
<b>Method Group 960</b>		<b>9</b>	<b>3</b>	<b>2.2</b>
<b>Selenium, Se</b>				
Atomic Absorption-AFPC IX.16.B	981	1	331	0.0
ICP-induced coupled plasma-AFPC IX.16.A	982	4	4	1.8
Other (describe)	983	1	5	0.0
<b>Method Group 970</b>		<b>6</b>	<b>5</b>	<b>1.8</b>
<b>Zinc, Zn</b>				
Atomic Absorption-AFPC IX.16.B	991	1	230	0
ICP-induced coupled plasma-AFPC IX.16.A	992	11	239	16
Other (describe)	993	1	249	0
<b>Method Group 980</b>		<b>13</b>	<b>239</b>	<b>16</b>

101 Ground Sample AFPC IX.2.A		
Lab	%	H <sub>2</sub> O
26	1.68	-3.849
241	1.41	-1.169
13	1.39	-1.023
<b>Std Dev</b>	<b>1.39</b>	<b>-1.000</b>
21	1.36	-0.731
10	1.33	-0.439
10	1.33	-0.439
15	1.33	-0.439
21	1.33	-0.390
6	1.31	-0.195
15	1.31	-0.195
6	1.30	-0.146
35	1.30	-0.146
13	1.30	-0.097
16	1.29	-0.049
75	1.29	-0.049
75	1.29	-0.049
<b>Median</b>	<b>1.29</b>	<b>0.000</b>
16	1.28	0.049
24	1.27	0.146
49	1.27	0.146
9	1.26	0.292
9	1.25	0.341
30	1.23	0.536
266	1.20	0.828
<b>Std Dev</b>	<b>1.18</b>	<b>1.000</b>
35	1.18	1.023
24	1.15	1.316
241	1.12	1.608
55	1.11	1.705
275	1.05	2.290
275	1.02	2.583
27	0.76	5.165
77	0.52	7.455
77	0.20	10.574

102 Other (describe)		
Lab	%	H <sub>2</sub> O
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

201 Gravimetric AFPC IX.3.B		
Lab	%	P2O5
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

77	26.99	-0.782
241	26.94	-0.640
<b>Median</b>	<b>26.72</b>	<b>0.000</b>
55	26.49	0.640
241	26.46	0.739

202 ICP-induced coupled plasma AFPC IX.3.D		
Lab	%	P2O5
16	26.75	-1.104
<b>Std Dev</b>	<b>26.74</b>	<b>-1.000</b>
10	26.69	-0.079
16	26.68	0.000
<b>Median</b>	<b>26.68</b>	<b>0.000</b>
<b>Std Dev</b>	<b>26.62</b>	<b>1.000</b>
10	26.60	1.261
266	26.09	9.301

203 Photometric-AFPC IX.3.C		
Lab	%	P2O5
35	27.16	-2.536
45	27.01	-1.579
35	26.96	-1.260
<b>Std Dev</b>	<b>26.92</b>	<b>-1.000</b>
49	26.91	-0.941
9	26.87	-0.686
45	26.84	-0.495
9	26.83	-0.431
30	26.80	-0.239
<b>Median</b>	<b>26.76</b>	<b>0.000</b>
6	26.73	0.239
6	26.71	0.367
92	26.70	0.399
92	26.69	0.463
26	26.61	0.973
<b>Std Dev</b>	<b>26.61</b>	<b>1.000</b>
78	26.57	1.260
78	26.36	2.600
27	24.96	11.502

204 Automated -AOAC 978.01-15th		
Lab	%	P2O5
15	26.81	-0.699
24	26.81	-0.641
15	26.80	-0.524

21	26.79	-0.408
24	26.78	-0.291
21	26.75	0.000
<b>Median</b>	<b>26.75</b>	<b>0.000</b>
13	26.75	0.058
13	26.68	0.816
77	26.67	0.932
<b>Std Dev</b>	<b>26.66</b>	<b>1.000</b>
75	26.65	1.223
75	26.59	1.923

205 Other(describe)		
Lab	%	P2O5
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
241	27.32	-1.221	
<b>Std Dev</b>	<b>27.26</b>	<b>-1.000</b>	
77	27.13	-0.576	
<b>Median</b>	<b>26.96</b>	<b>0.000</b>	
55	26.79	0.576	
241	26.75	0.685	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
16	27.10	-1.060	
<b>Std Dev</b>	<b>27.09</b>	<b>-1.000</b>	
10	27.04	-0.249	
16	27.03	0.000	
<b>Median</b>	<b>27.03</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>26.96</b>	<b>1.000</b>	
10	26.96	1.091	
266	26.41	9.672	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
35	27.52	-2.768	
<b>Std Dev</b>	<b>27.28</b>	<b>-1.000</b>	
35	27.28	-0.985	
49	27.26	-0.790	
9	27.21	-0.452	
9	27.17	-0.136	
<b>Median</b>	<b>27.15</b>	<b>0.000</b>	

30	27.13	0.136
6	27.08	0.565
26	27.06	0.658
6	27.06	0.708
<b>Std Dev</b>	<b>27.02</b>	<b>1.000</b>
27	25.15	15.136

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
15	27.16	-0.451	
15	27.16	-0.369	
24	27.15	-0.306	
21	27.14	-0.255	
13	27.12	-0.031	
21	27.12	0.000	
<b>Median</b>	<b>27.12</b>	<b>0.000</b>	
24	27.09	0.319	
13	27.03	0.877	
<b>Std Dev</b>	<b>27.02</b>	<b>1.000</b>	
75	26.99	1.241	
75	26.93	1.842	
77	26.72	3.907	

215 Other(describe)			
Lab	%	P2O5	dB
<b>Median</b>	<b>0.00</b>	<b>0.000</b>	

301 Atomic Absorption-AFPC IX.6.B		
Lab	%	Fe2O3
55	0.64	-1.340
<b>Std Dev</b>	<b>0.64</b>	<b>-1.000</b>
<b>Median</b>	<b>0.63</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.61</b>	<b>1.000</b>
241	0.61	1.340

302 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Fe2O3
266	0.82	-0.699
78	0.77	-0.493
78	0.75	-0.391
15	0.74	-0.370
15	0.73	-0.329
45	0.71	-0.247
75	0.70	-0.213

6	0.70	-0.206
45	0.70	-0.206
75	0.70	-0.203
6	0.70	-0.185
275	0.68	-0.123
24	0.65	0.000
92	0.65	0.000
Median	0.65	0.000
92	0.64	0.041
24	0.61	0.164
Std Dev	0.41	1.000
21	0.40	1.028
49	0.39	1.069
9	0.38	1.110
9	0.38	1.110
10	0.37	1.151
16	0.37	1.151
10	0.36	1.193
13	0.36	1.193
16	0.36	1.193
21	0.36	1.193
13	0.35	1.234

303 Other(describe)		
Lab	%	Fe2O3
77	0.83	0.000
77	0.83	0.000
Median	0.83	0.000

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
55	0.41	-1.340
Std Dev	0.41	-1.000
Median	0.40	0.000
Std Dev	0.39	1.000
241	0.39	1.340

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
266	0.57	-5.360
78	0.48	-2.948
78	0.48	-2.814
275	0.44	-1.876
45	0.42	-1.340

45	0.42	-1.340
92	0.41	-1.072
Std Dev	0.41	-1.000
92	0.40	-0.804
21	0.39	-0.402
9	0.38	-0.268
9	0.38	-0.268
24	0.38	-0.268
75	0.38	-0.176
24	0.37	0.000
49	0.37	0.000
Median	0.37	0.000
6	0.37	0.134
15	0.37	0.134
15	0.37	0.134
75	0.36	0.216
16	0.36	0.268
16	0.35	0.536
21	0.35	0.536
10	0.35	0.670
10	0.34	0.804
13	0.34	0.804
13	0.34	0.938
Std Dev	0.33	1.000
6	0.32	1.340

403 Other(describe)		
Lab	%	Al2O3
30	0.68	-2.546
Std Dev	0.56	-1.000
77	0.49	0.000
Median	0.49	0.000
77	0.48	0.134

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
55	0.65	-0.705
241	0.64	-0.458
27	0.61	0.000
Median	0.61	0.000
35	0.56	0.882
Std Dev	0.55	1.000
35	0.55	1.058

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
13	0.66	-2.680
24	0.65	-1.787
6	0.64	-1.340
15	0.64	-1.340
16	0.64	-1.340
21	0.64	-1.340
Std Dev	0.64	-1.000
10	0.64	-0.893
15	0.64	-0.893
10	0.63	-0.447
45	0.63	-0.447
45	0.63	-0.447
78	0.63	-0.447
9	0.63	0.000
9	0.63	0.000
13	0.63	0.000
78	0.63	0.000
Median	0.63	0.000
6	0.62	0.447
16	0.62	0.447
49	0.62	0.447
92	0.62	0.447
92	0.62	0.447
266	0.62	0.447
21	0.62	0.893
24	0.62	0.893
Std Dev	0.61	1.000
275	0.59	3.127
75	0.57	5.037
75	0.56	5.719

503 Other(describe)		
Lab	%	MgO
77	0.64	-1.340
Std Dev	0.64	-1.000
Median	0.63	0.000
Std Dev	0.62	1.000
77	0.62	1.340

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
55	10.50	-2.830

15	10.24	-2.109
15	10.23	-2.081
16	9.92	-1.252
16	9.90	-1.197
49	9.83	-1.007
Std Dev	9.83	-1.000
10	9.68	-0.585
13	9.67	-0.571
9	9.65	-0.503
9	9.64	-0.490
10	9.55	-0.231
26	9.48	-0.041
Median	9.46	0.000
24	9.45	0.041
24	9.44	0.054
13	9.32	0.395
45	9.30	0.435
30	9.29	0.463
21	9.23	0.639
35	9.21	0.680
45	9.17	0.789
21	9.16	0.830
Std Dev	9.09	1.000
6	9.00	1.252
35	9.00	1.252
6	8.84	1.701

602 Other(describe)		
Lab	%	Al
266	9.43	0.000
Median	9.43	0.000

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
21	6.56	-0.989
21	6.51	-0.846
15	6.47	-0.755
15	6.46	-0.729
6	6.37	-0.494
6	6.29	-0.273
49	6.22	-0.104
9	6.18	0.000
77	6.18	0.000
Median	6.18	0.000

9	6.08	0.260
24	6.01	0.455
Std Dev	5.80	1.000
13	5.80	1.002
24	5.79	1.015
13	5.73	1.171
30	4.87	3.409

652 Other(describe)		
Lab	%	CO2
35	13.50	-0.491
35	12.99	-0.357
78	11.77	-0.036
Median	11.63	0.000
78	11.50	0.036
Std Dev	7.83	1.000
55	6.29	1.405
266	5.48	1.619

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	45.71	-6.975
92	45.29	-5.433
92	45.21	-5.140
78	44.97	-4.259
49	44.65	-3.084
21	44.10	-1.065
Std Dev	44.08	-1.000
10	44.03	-0.789
9	43.98	-0.624
6	43.91	-0.349
10	43.85	-0.128
6	43.81	0.000
Median	43.81	0.000
13	43.80	0.037
16	43.79	0.073
13	43.78	0.110
9	43.77	0.147
21	43.74	0.275
16	43.72	0.330

45	43.56	0.918
Std Dev	43.54	1.000
45	43.28	1.946
75	43.16	2.405
75	42.53	4.692

703 Ceric Sulfate volumetric-AFPC IX.12.B		
Lab	%	CaO
27	41.44	0.000
Median	41.44	0.000

704 Permanganate		
Lab	%	CaO
30	45.10	-1.366
Std Dev	44.82	-1.000
241	44.04	0.000
Median	44.04	0.000
Std Dev	43.26	1.000
241	43.02	1.314

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
35	43.88	-1.289
Std Dev	43.79	-1.000
266	43.50	0.000
Median	43.50	0.000
Std Dev	43.21	1.000
35	43.09	1.391

706 Other(describe)		
Lab	%	CaO
15	44.66	-1.069
15	44.64	-1.009
Std Dev	44.63	-1.000
77	44.50	-0.602
77	44.30	0.000
Median	44.30	0.000
24	44.24	0.181
24	44.01	0.888
Std Dev	43.97	1.000
55	38.67	16.953

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
49	45.22	-5.934	
21	44.71	-2.275	
10	44.62	-1.640	
9	44.54	-1.077	
Std Dev	44.53	-1.000	
6	44.49	-0.698	
10	44.44	-0.347	
13	44.40	-0.071	
6	44.39	0.000	
Median	44.39	0.000	
13	44.37	0.088	
16	44.36	0.175	
9	44.32	0.446	
21	44.32	0.459	
16	44.29	0.710	
Std Dev	44.25	1.000	
75	43.72	4.734	
75	43.09	9.207	

713 Ceric Sulfate volumetric-AFPC IX.12.B			
Lab	%	CaO	dB
27	41.75	0.000	
Median	41.75	0.000	

714 Permanganate			
Lab	%	CaO	dB
30	45.66	-1.237	
Std Dev	45.47	-1.000	
241	44.67	0.000	
Median	44.67	0.000	
Std Dev	43.86	1.000	
241	43.51	1.443	

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
35	44.40	-1.349	
Std Dev	44.31	-1.000	
266	44.03	0.000	
Median	44.03	0.000	
Std Dev	43.75	1.000	

35	43.66	1.331
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716 Other(describe)			
Lab	%	CaO	dB
15	45.25	-1.206	
15	45.24	-1.185	
Std Dev	45.16	-1.000	
24	44.81	-0.180	
77	44.73	0.000	
Median	44.73	0.000	
24	44.52	0.507	
77	44.39	0.808	
Std Dev	44.31	1.000	
55	39.10	13.232	

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	
35	3.39	-2.249	
27	3.32	-1.531	
49	3.28	-1.196	
Std Dev	3.26	-1.000	
13	3.25	-0.861	
21	3.22	-0.574	
266	3.21	-0.526	
35	3.20	-0.431	
55	3.20	-0.431	
26	3.19	-0.287	
24	3.17	-0.144	
9	3.17	-0.096	
9	3.16	0.000	
13	3.16	0.000	
Median	3.16	0.000	
21	3.13	0.287	
30	3.11	0.431	
6	3.08	0.718	
275	3.07	0.814	
275	3.06	0.909	
24	3.06	0.909	
Std Dev	3.05	1.000	
75	2.99	1.579	

15	2.92	2.249
15	2.92	2.297
75	2.90	2.441

803 Other( describe)		
Lab	%	Fluorine, F
77	3.19	-1.340
Std Dev	3.19	-1.000
Median	3.18	0.000
Std Dev	3.17	1.000
77	3.17	1.340

911 Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As
55	38.0	0.000
Median	38.0	0.000

912 ICP-induced coupled plasma-AFPC IX.15.B		
Lab	ppm	Arsenic, As
6	18.0	-2.566
24	16.7	-1.083
Std Dev	16.6	-1.000
266	16.1	-0.399
24	15.8	0.000
Median	15.8	0.000
78	15.5	0.342
77	15.0	0.855
Std Dev	14.9	1.000
78	10.0	6.614

913 Other( describe)		
Lab	ppm	Arsenic, As
13	18.7	-1.340
Std Dev	18.4	-1.000
Median	17.4	0.000
Std Dev	16.3	1.000
77	16.0	1.340

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
55	13	0.000
Median	13	0.000

922 ICP-induced coupled plasma-AFPC IX.11.B		
Lab	ppm	Cadmium, Cd
77	30	-0.616
77	30	-0.616
78	30	-0.505
6	29	-0.349
75	29	0.000
75	29	0.000
Median	29	0.000
78	28	0.025
266	27	0.616
Std Dev	26	1.000
24	26	1.211
24	25	1.601
275	23	2.257

923 Other( describe)		
Lab	ppm	Cadmium, Cd
13	32	0.000
Median	32	0.000

931 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Cobalt, Co
55	0	0.000
Median	0	0.000

932 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Cobalt, Co
78	2	-1.541
Std Dev	2	-1.000
78	2	-0.871
77	1	-0.201
77	1	-0.201
275	1	-0.067
Median	1	0.000
266	1	0.067
Std Dev	0	1.000
24	0	1.139
24	0	1.139
75	0	1.139
75	0	1.139

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
55	0.0	0.000
Median	0.0	0.000

942 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Mercury, Hg
266	0.0	0.000
Median	0.0	0.000

943 Other( describe)		
Lab	ppm	Mercury, Hg
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
77	12	-3.797
77	11	-1.563
Std Dev	11	-1.000
6	11	-0.447
78	10	-0.112
266	10	0.000
Median	10	0.000
275	10	0.670
78	10	0.893
Std Dev	10	1.000
24	8	4.913
24	7	7.928

953 Other( describe)		
Lab	ppm	Molybdenum, Mo
13	12	0.000
Median	12	0.000

961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni

55	21	0.000
Median	21	0.000

962 ICP-induced coupled plasma-AFPC IX.16.		
Lab	ppm	Nickel, Ni
266	25	-4.902
6	20	-1.234
Std Dev	20	-1.000
75	19	-0.529
77	19	-0.529
77	19	-0.529
24	18	0.000
Median	18	0.000
75	18	0.176
24	17	0.741
78	17	0.882
Std Dev	17	1.000
78	16	1.587
275	15	2.010

963 Other( describe)		
Lab	ppm	Nickel, Ni
13	23	0.000
Median	23	0.000

971 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Lead, Pb
55	0	0.000
Median	0	0.000

972 ICP-induced coupled plasma-AFPC IX.16.		
Lab	ppm	Lead, Pb
266	5	-0.642
77	4	-0.199
77	4	-0.199
24	4	0.000
Median	4	0.000
24	3	0.496
Std Dev	2	1.000
78	1	1.787
78	1	1.787

973 Other( describe)		
Lab	ppm	Lead, Pb

13	3	0.000
<b>Median</b>	<b>3</b>	<b>0.000</b>

981	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Selenium, Se
55	331	0.000
<b>Median</b>	<b>331</b>	<b>0.000</b>

982	ICP-induc coupled plasma-AFPC IX.16.A	
Lab	ppm	Selenium, Se
275	6	-1.137
<b>Std Dev</b>	<b>6</b>	<b>-1.000</b>
266	5	-0.596
<b>Median</b>	<b>4</b>	<b>0.000</b>
77	3	0.596
77	3	0.650

983	Other(describe)	
Lab	ppm	Selenium, Se
13	5	0.000
<b>Median</b>	<b>5</b>	<b>0.000</b>

991	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Zinc, Zn
55	230	0.000
<b>Median</b>	<b>230</b>	<b>0.000</b>

992	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
24	277	-2.409
24	272	-2.103
<b>Std Dev</b>	<b>255</b>	<b>-1.000</b>
78	250	-0.694
78	244	-0.284
75	240	-0.032
75	239	0.000
<b>Median</b>	<b>239</b>	<b>0.000</b>
6	233	0.378
266	227	0.757
77	224	0.946
<b>Std Dev</b>	<b>223</b>	<b>1.000</b>
77	216	1.450
275	215	1.513

993	Other(describe)	
Lab	ppm	Zinc, Zn
13	249	0.000
<b>Median</b>	<b>249</b>	<b>0.000</b>