

# AFPC Rock Check Program

Sample No. 2014-10

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC IX.2.A	101	28	0.59	0.067
Other (describe)	102			
<b>Method Group 100</b>		<b>28</b>	<b>0.59</b>	<b>0.07</b>
<b>P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC IX.3.B	201	4	30.35	0.256
ICP-induced coupled plasma AFPC IX.3.D	202	6	30.19	0.050
Photometric-AFPC IX.3.C	203	15	30.14	0.323
Automated -AOAC 978.01-15th	204	11	30.19	0.172
Other(describe)	205	2	30.28	0.015
<b>Method Group 200</b>		<b>38</b>	<b>30.18</b>	<b>0.12</b>
<b>P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC IX.3.B	211	3	30.40	0.251
ICP-induced coupled plasma AFPC IX.3.D	212	6	30.41	0.049
Photometric-AFPC IX.3.C	213	8	30.15	0.423
Automated -AOAC 978.01-15th	214	11	30.38	0.165
Other(describe)	215			
<b>Method Group 210</b>		<b>28</b>	<b>30.39</b>	<b>0.16</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.6.B	301	4	0.88	0.048
ICP-induced coupled plasma-AFPC IX.6.C	302	27	0.90	0.039
Other(describe)	303	4	0.98	0.088
<b>Method Group 300</b>		<b>35</b>	<b>0.90</b>	<b>0.04</b>
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.7.B	401	3	1.31	0.046
ICP-induced coupled plasma-AFPC IX.7.C	402	27	1.27	0.071
Other(describe)	403	4	1.46	0.235
<b>Method Group 400</b>		<b>34</b>	<b>1.28</b>	<b>0.07</b>
<b>MgO</b>				
Atomic Absorption-AFPC IX.8.A	501	5	0.37	0.029
ICP-induced coupled plasma-AFPC IX.8.B	502	27	0.39	0.009
Other(describe)	503	4	0.38	0.009
<b>Method Group 500</b>		<b>36</b>	<b>0.39</b>	<b>0.01</b>
<b>Acid Insoluble</b>				
Insoluble-AFPC IX.4.A	601	21	11.33	0.157
Other(describe)	602	3	12.30	0.418
<b>Method Group 600</b>		<b>24</b>	<b>11.34</b>	<b>0.19</b>
<b>Carbon Dioxide</b>				
Gasometric-AFPC IX.13.B	651	14	3.51	0.097
Other(describe)	652	4	3.46	0.821
<b>Method Group 650</b>		<b>18</b>	<b>3.51</b>	<b>0.16</b>
<b>CaO</b>				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	22	43.79	0.748
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	4	44.11	0.145
EDTA Volumetric-AFPC IX.12.C	705	1	43.74	0.000
Other(describe)	706	9	44.49	0.112
<b>Method Group 700</b>		<b>36</b>	<b>44.02</b>	<b>0.58</b>
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	16	44.13	0.468
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	3	44.44	0.070
EDTA Volumetric-AFPC IX.12.C	715	1	44.14	0.000
Other(describe)	716	7	44.80	0.097
<b>Method Group 710</b>		<b>26</b>	<b>44.33</b>	<b>0.42</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	19	3.45	0.174
Other (describe)	803	4	3.53	0.052
<b>Method Group 800</b>		<b>23</b>	<b>3.47</b>	<b>0.15</b>
<b>Arsenic, As</b>				
Atomic Absorption	911	1	0.2	0.00
ICP-induced coupled plasma-AFPC IX.15.B	912	9	8.4	0.78
Other(describe)	913	2	7.9	0.48
<b>Method Group 900</b>		<b>12</b>	<b>8.3</b>	<b>0.86</b>
<b>Cadmium, Cd</b>				
Atomic Absorption-AFPC IX.11.A	921	1	4	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	14	5	0.7
Other(describe)	923	1	6	0.0
<b>Method Group 910</b>		<b>16</b>	<b>5</b>	<b>0.7</b>
<b>Cobalt, Co</b>				
Atomic Absorption-AFPC IX.16.B	931	1	2	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	13	16	10.4
Other(describe)	933	1	36	0.0
<b>Method Group 920</b>		<b>15</b>	<b>16</b>	<b>11.3</b>
<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	0.5	0.00
<b>Method Group 930</b>		<b>2</b>	<b>0.3</b>	<b>0.16</b>
<b>Molybdenum, Mo</b>				
Atomic Absorption-AFPC IX.16.B	951	1	5	0.0
ICP-induced coupled plasma-AFPC IX.16.A	952	10	19	0.7
Other(describe)	953	1	22	0.0
<b>Method Group 940</b>		<b>12</b>	<b>19</b>	<b>0.8</b>
<b>Nickel, Ni</b>				
Atomic Absorption-AFPC IX.16.B	961	1	26	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	14	25	0.7
Other(describe)	963	2	25	1.3
<b>Method Group 950</b>		<b>17</b>	<b>25</b>	<b>1.5</b>
<b>Lead, Pb</b>				
Atomic Absorption-AFPC IX.16.B	971	1	8	0.0
ICP-induced coupled plasma-AFPC IX.16.A	972	10	11	6.2
Other(describe)	973	1	11	0.0
<b>Method Group 960</b>		<b>12</b>	<b>11</b>	<b>5.6</b>
<b>Selenium, Se</b>				
Atomic Absorption-AFPC IX.16.B	981	1	5	0.0
ICP-induced coupled plasma-AFPC IX.16.A	982	1	4	0.0
Other(describe)	983	1	3	0.0
<b>Method Group 970</b>		<b>3</b>	<b>4</b>	<b>0.7</b>
<b>Zinc, Zn</b>				
Atomic Absorption-AFPC IX.16.B	991	2	70	2
ICP-induced coupled plasma-AFPC IX.16.A	992	14	69	13
Other(describe)	993	3	64	1
<b>Method Group 980</b>		<b>19</b>	<b>68</b>	<b>7</b>

101	Ground Sample AFPC IX.2.A	
Lab	%	H <sub>2</sub> O

55	1.81	-18.164
266	0.90	-4.616
24	0.74	-2.159
21	0.70	-1.638
21	0.70	-1.563
16	0.68	-1.266
16	0.67	-1.117
<b>Std Dev</b>	<b>0.66</b>	<b>-1.000</b>
49	0.65	-0.893
24	0.65	-0.893
26	0.63	-0.521
10	0.62	-0.447
75	0.61	-0.223
61	0.60	-0.074
61	0.60	-0.074
<b>Median</b>	<b>0.59</b>	<b>0.000</b>
9	0.59	0.074
10	0.59	0.074
75	0.59	0.074
6	0.58	0.149
9	0.58	0.149
13	0.57	0.372
13	0.57	0.372
30	0.56	0.447
241	0.56	0.521
<b>Std Dev</b>	<b>0.52</b>	<b>1.000</b>
27	0.47	1.787
15	0.45	2.084
77	0.42	2.531
15	0.41	2.754
77	0.34	3.722

102	Other (describe)	
Lab	%	H <sub>2</sub> O

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

65	31.06	-2.797
<b>Std Dev</b>	<b>30.60</b>	<b>-1.000</b>
55	30.42	-0.293
<b>Median</b>	<b>30.35</b>	<b>0.000</b>

77	30.27	0.293
241	30.14	0.802

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

6	30.25	-1.141
<b>Std Dev</b>	<b>30.24</b>	<b>-1.000</b>
16	30.22	-0.546
10	30.22	-0.447
<b>Median</b>	<b>30.19</b>	<b>0.000</b>
266	30.17	0.447
16	30.15	0.943
<b>Std Dev</b>	<b>30.14</b>	<b>1.000</b>
10	30.13	1.241

203	Photometric-AFPC IX.3.C	
Lab	%	P2O5

30	30.56	-1.301
<b>Std Dev</b>	<b>30.46</b>	<b>-1.000</b>
9	30.36	-0.682
49	30.27	-0.403
78	30.21	-0.201
9	30.19	-0.155
45	30.15	-0.031
78	30.15	-0.015
92	30.14	0.000
<b>Median</b>	<b>30.14</b>	<b>0.000</b>
92	30.12	0.062
45	30.11	0.093
<b>Std Dev</b>	<b>29.82</b>	<b>1.000</b>
27	29.79	1.084
26	29.74	1.239
61	29.72	1.317
61	29.70	1.363
60	29.00	3.532

204	Automated -AOAC 978.01-15th	
Lab	%	P2O5

13	30.40	-1.223
75	30.37	-1.020
<b>Std Dev</b>	<b>30.36</b>	<b>-1.000</b>
15	30.31	-0.670
15	30.25	-0.320
24	30.21	-0.087

21	30.19	0.000
<b>Median</b>	<b>30.19</b>	<b>0.000</b>

77	30.13	0.350
24	30.11	0.466
<b>Std Dev</b>	<b>30.02</b>	<b>1.000</b>
75	29.98	1.223
13	29.94	1.486
21	29.82	2.185

205	Other(describe)	
Lab	%	P2O5

19	30.30	-1.340
<b>Std Dev</b>	<b>30.29</b>	<b>-1.000</b>
<b>Median</b>	<b>30.28</b>	<b>0.000</b>
<b>Std Dev</b>	<b>30.27</b>	<b>1.000</b>
6	30.26	1.340

211	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	dB

55	30.98	-2.324
<b>Std Dev</b>	<b>30.65</b>	<b>-1.000</b>
<b>Median</b>	<b>30.40</b>	<b>0.000</b>
241	30.31	0.356

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

266	30.44	-0.607
6	30.43	-0.247
16	30.43	-0.225
<b>Median</b>	<b>30.41</b>	<b>0.000</b>
10	30.40	0.225
<b>Std Dev</b>	<b>30.37</b>	<b>1.000</b>
16	30.35	1.390
10	30.31	2.201

213	Photometric-AFPC IX.3.C		
Lab	%	P2O5	dB

30	30.73	-1.379
<b>Std Dev</b>	<b>30.57</b>	<b>-1.000</b>
9	30.54	-0.922
49	30.47	-0.755
9	30.37	-0.514
<b>Median</b>	<b>30.15</b>	<b>0.000</b>

27	29.93	0.514
26	29.93	0.523
61	29.89	0.604
61	29.88	0.639

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

13	30.57	-1.159
75	30.55	-1.020
<b>Std Dev</b>	<b>30.55</b>	<b>-1.000</b>
15	30.43	-0.282
24	30.40	-0.127
21	30.40	-0.119
15	30.38	0.000
<b>Median</b>	<b>30.38</b>	<b>0.000</b>
24	30.33	0.296
77	30.23	0.904
<b>Std Dev</b>	<b>30.22</b>	<b>1.000</b>
75	30.16	1.367
13	30.11	1.679
21	30.03	2.164

215	Other(describe)		
Lab	%	P2O5	dB

<b>Median</b>	<b>0.00</b>	<b>0.000</b>
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301	Atomic Absorption-AFPC IX.6.B	
Lab	%	Fe2O3

241	0.91	-0.704
55	0.90	-0.517
<b>Median</b>	<b>0.88</b>	<b>0.000</b>
30	0.85	0.517
<b>Std Dev</b>	<b>0.83</b>	<b>1.000</b>
60	0.80	1.552

302	ICP-induced coupled plasma-AFPC IX.6.C	
Lab	%	Fe2O3

266	1.06	-4.126
61	1.05	-3.868
21	0.95	-1.160
78	0.94	-1.032
<b>Std Dev</b>	<b>0.94</b>	<b>-1.000</b>
78	0.93	-0.774
75	0.93	-0.722

15	0.93	-0.645
75	0.92	-0.617
15	0.92	-0.516
21	0.92	-0.387
45	0.91	-0.258
45	0.91	-0.258
10	0.90	0.000
10	0.90	0.000
16	0.90	0.000
16	0.90	0.000
<b>Median</b>	<b>0.90</b>	<b>0.000</b>
6	0.89	0.258
13	0.89	0.258
9	0.89	0.387
9	0.88	0.645
49	0.87	0.774
92	0.87	0.774
92	0.87	0.774
<b>Std Dev</b>	<b>0.86</b>	<b>1.000</b>
61	0.86	1.032
13	0.85	1.418
24	0.78	3.224
24	0.77	3.352

303 Other(describe)		
Lab	%	Fe2O3
77	1.04	-0.741
77	1.03	-0.627
<b>Median</b>	<b>0.98</b>	<b>0.000</b>
19	0.92	0.627
6	0.90	0.855

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
30	1.32	-0.218
55	1.31	0.000
<b>Median</b>	<b>1.31</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.26</b>	<b>1.000</b>
241	1.20	2.462

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
266	1.78	-7.194
78	1.60	-4.584

78	1.56	-4.020
61	1.42	-2.116
92	1.36	-1.269
92	1.36	-1.269
61	1.35	-1.128
<b>Std Dev</b>	<b>1.34</b>	<b>-1.000</b>
24	1.33	-0.846
45	1.31	-0.564
75	1.30	-0.434
75	1.29	-0.266
24	1.28	-0.141
49	1.28	-0.141
13	1.27	0.000
45	1.27	0.000
<b>Median</b>	<b>1.27</b>	<b>0.000</b>
16	1.27	0.071
15	1.26	0.212
15	1.25	0.282
21	1.25	0.282
10	1.25	0.353
10	1.25	0.353
16	1.25	0.353
6	1.24	0.423
13	1.24	0.423
21	1.24	0.423
9	1.24	0.494
9	1.23	0.564

403 Other(describe)		
Lab	%	Al2O3
77	1.61	-0.659
77	1.61	-0.659
<b>Median</b>	<b>1.46</b>	<b>0.000</b>
19	1.30	0.659
6	1.28	0.744

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
27	0.44	-2.405
241	0.41	-1.340
<b>Std Dev</b>	<b>0.40</b>	<b>-1.000</b>
55	0.37	0.000
60	0.37	0.000
<b>Median</b>	<b>0.37</b>	<b>0.000</b>

30	0.36	0.344
502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
13	0.42	-3.752
16	0.40	-1.608
21	0.40	-1.608
49	0.40	-1.608
15	0.40	-1.072
15	0.40	-1.072
16	0.40	-1.072
<b>Std Dev</b>	<b>0.39</b>	<b>-1.000</b>
10	0.39	-0.536
21	0.39	-0.536
24	0.39	-0.536
45	0.39	-0.536
45	0.39	-0.536
266	0.39	-0.536
10	0.39	0.000
13	0.39	0.000
24	0.39	0.000
78	0.39	0.000
<b>Median</b>	<b>0.39</b>	<b>0.000</b>
6	0.38	0.536
9	0.38	0.536
9	0.38	0.536
92	0.38	0.536
92	0.38	0.536
<b>Std Dev</b>	<b>0.38</b>	<b>1.000</b>
78	0.38	1.072
75	0.37	1.565
75	0.36	2.561
61	0.36	2.680
61	0.36	3.216

503 Other(describe)		
Lab	%	MgO
6	0.38	0.000
77	0.38	0.000
77	0.38	0.000
<b>Median</b>	<b>0.38</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.37</b>	<b>1.000</b>
19	0.33	5.360

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
45	11.71	-2.425
55	11.64	-1.978
16	11.56	-1.468
16	11.55	-1.372
10	11.51	-1.149
<b>Std Dev</b>	<b>11.49</b>	<b>-1.000</b>
49	11.44	-0.702
15	11.39	-0.351
13	11.36	-0.191
10	11.35	-0.128
15	11.35	-0.128
26	11.33	0.000
<b>Median</b>	<b>11.33</b>	<b>0.000</b>
9	11.33	0.032
24	11.31	0.160
9	11.29	0.287
24	11.29	0.287
30	11.23	0.638
<b>Std Dev</b>	<b>11.17</b>	<b>1.000</b>
6	11.13	1.276
13	11.12	1.372
21	11.02	1.978
21	10.95	2.425
45	10.45	5.615

602 Other(describe)		
Lab	%	Al
19	12.40	-0.239
266	12.30	0.000
<b>Median</b>	<b>12.30</b>	<b>0.000</b>
<b>Std Dev</b>	<b>11.88</b>	<b>1.000</b>
6	11.28	2.441

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
13	3.72	-2.165
24	3.69	-1.804
<b>Std Dev</b>	<b>3.61</b>	<b>-1.000</b>
24	3.59	-0.773
49	3.57	-0.618
21	3.56	-0.515
21	3.54	-0.258

6	3.51	0.000
6	3.51	0.000
Median	3.51	0.000
9	3.46	0.515
13	3.46	0.515
77	3.43	0.825
Std Dev	3.41	1.000
9	3.35	1.649
15	3.21	3.092
15	3.20	3.247

652 Other(describe)		
Lab	%	CO2
78	4.02	-0.673
78	3.98	-0.624
Median	3.46	0.000
55	2.95	0.624
266	2.69	0.941

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
92	46.05	-3.024
92	45.87	-2.784
75	44.98	-1.597
49	44.55	-1.019
Std Dev	44.54	-1.000
75	44.31	-0.698
10	44.28	-0.652
16	44.21	-0.558
16	44.08	-0.384
9	43.97	-0.237
13	43.92	-0.170
10	43.80	-0.010
Median	43.79	0.000
21	43.78	0.010
9	43.72	0.097
6	43.64	0.197
13	43.56	0.311
21	43.54	0.331
45	43.16	0.839

Std Dev	43.04	1.000
45	43.00	1.053
78	42.88	1.213
78	42.54	1.674
61	42.43	1.815
61	42.35	1.921

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

704 Permanganate			
Lab	%	CaO	
27	44.26	-1.020	
Std Dev	44.26	-1.000	
30	44.19	-0.536	
Median	44.11	0.000	
241	44.04	0.536	
Std Dev	43.97	1.000	
60	43.95	1.124	

705 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	
266	43.74	0.000	
Median	43.74	0.000	

706 Other(describe)			
Lab	%	CaO	
15	44.68	-1.697	
15	44.63	-1.295	
Std Dev	44.60	-1.000	
77	44.50	-0.134	
55	44.49	-0.045	
24	44.49	0.000	
Median	44.49	0.000	
24	44.48	0.089	
Std Dev	44.37	1.000	
19	44.35	1.206	
77	44.00	4.333	
6	43.80	6.119	

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	45.25	-2.392	
49	44.84	-1.527	
Std Dev	44.59	-1.000	
75	44.58	-0.968	
10	44.54	-0.873	
16	44.50	-0.799	
16	44.37	-0.530	
9	44.22	-0.203	
13	44.16	-0.081	
Median	44.13	0.000	
21	44.09	0.081	
10	44.07	0.125	
9	43.97	0.330	
6	43.89	0.495	
21	43.84	0.602	
13	43.80	0.692	
Std Dev	43.66	1.000	
61	42.68	3.081	
61	42.60	3.253	

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

714 Permanganate			
Lab	%	CaO	dB
27	44.47	-0.429	
30	44.44	0.000	
Median	44.44	0.000	
Std Dev	44.37	1.000	
241	44.28	2.251	

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
266	44.14	0.000	
Median	44.14	0.000	

716 Other(describe)			
Lab	%	CaO	dB
55	45.31	-5.202	
Std Dev	44.90	-1.000	

15	44.88	-0.747
15	44.81	-0.074
24	44.80	0.000
Median	44.80	0.000
24	44.78	0.291
Std Dev	44.71	1.000
77	44.65	1.568
77	44.19	6.364

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
21	3.71	-1.498
6	3.67	-1.268
21	3.66	-1.210
Std Dev	3.62	-1.000
266	3.58	-0.749
13	3.55	-0.548
30	3.51	-0.346
9	3.49	-0.202
26	3.47	-0.115
9	3.46	-0.029
49	3.45	0.000
Median	3.45	0.000
24	3.44	0.086
15	3.37	0.461
24	3.34	0.634
13	3.34	0.663
Std Dev	3.28	1.000
15	3.26	1.124
75	3.20	1.441
75	3.14	1.815
27	2.86	3.400
55	2.35	6.340

803 Other(describe)		
Lab	%	Fluorine, F
65	3.69	-3.159
Std Dev	3.58	-1.000
77	3.54	-0.287
Median	3.53	0.000

19	3.51	0.287
77	3.50	0.479

911 Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As
55	0.2	0.000
<b>Median</b>	<b>0.2</b>	<b>0.000</b>

912 ICP-induced coupled plasma-AFPC IX.15.B		
Lab	ppm	Arsenic, As
61	14.3	-7.638
6	9.2	-1.085
<b>Std Dev</b>	<b>9.1</b>	<b>-1.000</b>
61	9.0	-0.830
266	8.4	-0.064
24	8.4	0.000
<b>Median</b>	<b>8.4</b>	<b>0.000</b>
24	8.2	0.191
78	8.0	0.510
77	7.6	0.957
<b>Std Dev</b>	<b>7.6</b>	<b>1.000</b>
78	2.8	7.147

913 Other(describe)		
Lab	ppm	Arsenic, As
13	8.6	-1.340
<b>Std Dev</b>	<b>8.4</b>	<b>-1.000</b>
<b>Median</b>	<b>7.9</b>	<b>0.000</b>
<b>Std Dev</b>	<b>7.5</b>	<b>1.000</b>
77	7.3	1.340

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
55	4	0.000
<b>Median</b>	<b>4</b>	<b>0.000</b>

922 ICP-induced coupled plasma-AFPC IX.11.B		
Lab	ppm	Cadmium, Cd
78	7	-1.821
78	7	-1.546
<b>Std Dev</b>	<b>6</b>	<b>-1.000</b>
61	6	-0.749
75	6	-0.749
6	6	-0.612

75	6	-0.612
61	6	-0.378
<b>Median</b>	<b>5</b>	<b>0.000</b>
266	5	0.378
24	5	0.625
45	5	0.625
45	5	0.625
77	5	0.625
77	5	0.625
24	5	0.831

923 Other(describe)		
Lab	ppm	Cadmium, Cd
13	6	0.000
<b>Median</b>	<b>6</b>	<b>0.000</b>

931 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Cobalt, Co
55	2	0.000
<b>Median</b>	<b>2</b>	<b>0.000</b>

932 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Cobalt, Co
78	37	-1.966
78	37	-1.966
24	31	-1.467
24	29	-1.280
<b>Std Dev</b>	<b>26</b>	<b>-1.000</b>
266	23	-0.681
75	19	-0.288
45	16	0.000
77	16	0.000
<b>Median</b>	<b>16</b>	<b>0.000</b>
61	16	0.029
61	15	0.060
77	15	0.096
45	14	0.192
75	13	0.336

933 Other(describe)		
Lab	ppm	Cobalt, Co
13	36	0.000
<b>Median</b>	<b>36</b>	<b>0.000</b>

941 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Mercury, Hg
<b>Median</b>	<b>0.0</b>	<b>0.000</b>

942 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Mercury, Hg
266	0.1	0.000
<b>Median</b>	<b>0.1</b>	<b>0.000</b>

943 Other(describe)		
Lab	ppm	Mercury, Hg
13	0.5	0.000
<b>Median</b>	<b>0.5</b>	<b>0.000</b>

951 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Molybdenum, Mo
55	5	0.000
<b>Median</b>	<b>5</b>	<b>0.000</b>

952 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Molybdenum, Mo
266	21	-2.297
45	20	-1.183
45	20	-1.183
<b>Std Dev</b>	<b>20</b>	<b>-1.000</b>
61	20	-0.766
24	19	-0.209
<b>Median</b>	<b>19</b>	<b>0.000</b>
77	19	0.209
77	19	0.209
78	19	0.278
78	19	0.278
24	19	0.487

953 Other(describe)		
Lab	ppm	Molybdenum, Mo
13	22	0.000
<b>Median</b>	<b>22</b>	<b>0.000</b>

961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni
55	26	0.000
<b>Median</b>	<b>26</b>	<b>0.000</b>

962 ICP-induced coupled plasma-AFPC IX.16.		
Lab	ppm	Nickel, Ni
266	32	-9.715
45	28	-4.623
61	26	-2.090
<b>Std Dev</b>	<b>25</b>	<b>-1.000</b>
45	25	-0.603
77	25	-0.603
61	25	-0.402
6	25	-0.067
<b>Median</b>	<b>25</b>	<b>0.000</b>
75	25	0.067
24	24	0.402
75	24	0.737
77	24	0.737
<b>Std Dev</b>	<b>24</b>	<b>1.000</b>
24	23	1.675
78	23	2.747
78	22	3.417

963 Other(describe)		
Lab	ppm	Nickel, Ni
13	27	-1.340
<b>Std Dev</b>	<b>26</b>	<b>-1.000</b>
<b>Median</b>	<b>25</b>	<b>0.000</b>
<b>Std Dev</b>	<b>23</b>	<b>1.000</b>
19	23	1.340

971 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Lead, Pb
55	8	0.000
<b>Median</b>	<b>8</b>	<b>0.000</b>

972 ICP-induced coupled plasma-AFPC IX.16.		
Lab	ppm	Lead, Pb
61	15	-0.698
266	15	-0.666
6	14	-0.447
61	13	-0.334
77	12	-0.162
<b>Median</b>	<b>11</b>	<b>0.000</b>
77	10	0.162
24	6	0.836
24	5	0.950

Std Dev	5	1.000
78	1	1.624
78	1	1.624

973 Other(describe)		
Lab	ppm	Lead, Pb
13	11	0.000
Median	11	0.000

981 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Selenium, Se
55	5	0.000
Median	5	0.000

982 ICP-induc coupled plasma-AFPC IX.16.A		
Lab	ppm	Selenium, Se
266	4	0.000
Median	4	0.000

983 Other(describe)		
Lab	ppm	Selenium, Se
13	3	0.000
Median	3	0.000

991 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn
55	73	-1.340
Std Dev	72	-1.000
Median	70	0.000
Std Dev	68	1.000
60	68	1.340

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
24	90	-1.563
24	85	-1.197
Std Dev	83	-1.000
78	80	-0.770
78	79	-0.732
75	74	-0.355
61	70	-0.058
6	70	-0.023
Median	69	0.000
75	69	0.023

61	67	0.174
266	66	0.249
45	58	0.853
45	58	0.853
77	57	0.929
Std Dev	56	1.000
77	56	1.004

993 Other(describe)		
Lab	ppm	Zinc, Zn
19	67	-2.323
Std Dev	66	-1.000
13	64	0.000
Median	64	0.000
19	64	0.357