

# AFPC Rock Check Program

Sample No. 2015-03

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC IX.2.A	101	24	0.99	0.113
Other (describe)	102	2	0.93	0.006
<b>Method Group 100</b>		<b>26</b>	<b>0.98</b>	<b>0.10</b>
<b>P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC IX.3.B	201	3	33.15	0.112
ICP-induced coupled plasma AFPC IX.3.D	202	3	33.09	0.063
Photometric-AFPC IX.3.C	203	15	33.00	0.168
Automated -AOAC 978.01-15th	204	11	33.01	0.138
Other(describe)	205	2	32.94	0.030
<b>Method Group 200</b>		<b>34</b>	<b>33.02</b>	<b>0.15</b>
<b>P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC IX.3.B	211	2	33.37	0.010
ICP-induced coupled plasma AFPC IX.3.D	212	3	33.45	0.070
Photometric-AFPC IX.3.C	213	7	33.40	0.057
Automated -AOAC 978.01-15th	214	11	33.28	0.130
Other(describe)	215	1	33.31	0.000
<b>Method Group 210</b>		<b>24</b>	<b>33.37</b>	<b>0.09</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.6.B	301	4	0.99	0.029
ICP-induced coupled plasma-AFPC IX.6.C	302	27	1.10	0.063
Other(describe)	303	4	1.20	0.104
<b>Method Group 300</b>		<b>35</b>	<b>1.09</b>	<b>0.08</b>
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.7.B	401	2	1.39	0.011
ICP-induced coupled plasma-AFPC IX.7.C	402	27	1.43	0.065
Other(describe)	403	4	1.61	0.073
<b>Method Group 400</b>		<b>33</b>	<b>1.43</b>	<b>0.07</b>
<b>MgO</b>				
Atomic Absorption-AFPC IX.8.A	501	5	0.35	0.022
ICP-induced coupled plasma-AFPC IX.8.B	502	25	0.35	0.004
Other(describe)	503	4	0.38	0.047
<b>Method Group 500</b>		<b>34</b>	<b>0.35</b>	<b>0.01</b>
<b>Acid Insoluble</b>				
Insoluble-AFPC IX.4.A	601	20	3.21	0.104
Other(describe)	602	2	3.98	0.313
<b>Method Group 600</b>		<b>22</b>	<b>3.22</b>	<b>0.13</b>
<b>Carbon Dioxide</b>				
Gasometric-AFPC IX.13.B	651	14	3.50	0.201
Other(describe)	652	8	3.43	0.338
<b>Method Group 650</b>		<b>22</b>	<b>3.49</b>	<b>0.22</b>
<b>CaO</b>				
Gravimetric sulfate-AFPC IX.12.A	701	1	48.41	0.000
ICP-induced coupled plasma-AFPC IX.12.D	702	18	47.70	0.213
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	3	47.30	0.246
EDTA Volumetric-AFPC IX.12.C	705	3	47.43	0.172
Other(describe)	706	8	47.87	0.453
<b>Method Group 700</b>		<b>33</b>	<b>47.68</b>	<b>0.39</b>
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate-AFPC IX.12.A	711	1	48.89	0.000
ICP-induced coupled plasma-AFPC IX.12.D	712	11	48.29	0.178
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	2	47.78	0.250
EDTA Volumetric-AFPC IX.12.C	715	3	47.64	0.281
Other(describe)	716	6	48.31	0.344
<b>Method Group 710</b>		<b>23</b>	<b>48.26</b>	<b>0.25</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	20	3.73	0.152
Other (describe)	803	4	3.87	0.166
<b>Method Group 800</b>		<b>24</b>	<b>3.74</b>	<b>0.16</b>
<b>Arsenic, As</b>				
Atomic Absorption	911	1	1.5	0.00
ICP-induced coupled plasma-AFPC IX.15.B	912	9	8.8	4.78
Other(describe)	913	1	8.6	0.00
<b>Method Group 900</b>		<b>11</b>	<b>8.6</b>	<b>5.04</b>
<b>Cadmium, Cd</b>				
Atomic Absorption-AFPC IX.11.A	921	1	6	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	16	6	0.5
Other(describe)	923	1	6	0.0
<b>Method Group 910</b>		<b>18</b>	<b>6</b>	<b>0.3</b>
<b>Cobalt, Co</b>				
Atomic Absorption-AFPC IX.16.B	931	1	3	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	16	3	0.1
Other(describe)	933	1	3	0.0
<b>Method Group 920</b>		<b>18</b>	<b>3</b>	<b>0.2</b>
<b>Mercury, Hg</b>				
Atomic Absorption-AFPC IX.16.B	941	1	0.1	0.00
ICP-induced coupled plasma-AFPC IX.16.A	942	2	0.1	0.00
Other(describe)	943	1	0.4	0.00
<b>Method Group 930</b>		<b>4</b>	<b>0.1</b>	<b>0.06</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	12	6	1.0
Other(describe)	953	1	8	0.0
<b>Method Group 940</b>		<b>14</b>	<b>6</b>	<b>1.0</b>
<b>Nickel, Ni</b>				
Atomic Absorption-AFPC IX.16.B	961	1	10	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	16	9	0.8
Other(describe)	963	2	12	0.6
<b>Method Group 950</b>		<b>19</b>	<b>9</b>	<b>0.7</b>
<b>Lead, Pb</b>				
Atomic Absorption-AFPC IX.16.B	971	1	2	0.0
ICP-induced coupled plasma-AFPC IX.16.A	972	12	14	6.5
Other(describe)	973	1	16	0.0
<b>Method Group 960</b>		<b>14</b>	<b>14</b>	<b>6.6</b>
<b>Selenium, Se</b>				
Atomic Absorption-AFPC IX.16.B	981	1	15	0.0
ICP-induced coupled plasma-AFPC IX.16.A	982	2	2	1.2
Other(describe)	983	1	3	0.0
<b>Method Group 970</b>		<b>4</b>	<b>3</b>	<b>3.3</b>
<b>Zinc, Zn</b>				
Atomic Absorption-AFPC IX.16.B	991	2	82	11
ICP-induced coupled plasma-AFPC IX.16.A	992	16	65	18
Other(describe)	993	3	61	6
<b>Method Group 980</b>		<b>21</b>	<b>65</b>	<b>16</b>

101 Ground Sample AFPC IX.2.A			
Lab	%	H <sub>2</sub> O	
13	1.13		-1.285
49	1.12		-1.196
13	1.11		-1.107
266	1.10		-1.019
<b>Std Dev</b>	<b>1.10</b>		<b>-1.000</b>
10	1.09		-0.930
24	1.09		-0.930
75	1.06		-0.664
75	1.06		-0.664
9	1.06		-0.620
10	1.05		-0.576
9	1.04		-0.487
55	0.99		-0.044
<b>Median</b>	<b>0.99</b>		<b>0.000</b>
30	0.98		0.044
15	0.97		0.133
24	0.97		0.133
241	0.97		0.133
26	0.94		0.443
21	0.93		0.532
21	0.89		0.842
15	0.88		0.975
<b>Std Dev</b>	<b>0.87</b>		<b>1.000</b>
77	0.69		2.614
77	0.62		3.234
35	0.50		4.297
35	0.45		4.740

102 Other (describe)			
Lab	%	H <sub>2</sub> O	
275	0.94		-1.340
<b>Std Dev</b>	<b>0.94</b>		<b>-1.000</b>
<b>Median</b>	<b>0.93</b>		<b>0.000</b>
<b>Std Dev</b>	<b>0.93</b>		<b>1.000</b>
275	0.93		1.340

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
65	33.33		-1.608
<b>Std Dev</b>	<b>33.26</b>		<b>-1.000</b>
77	33.15		0.000
<b>Median</b>	<b>33.15</b>		<b>0.000</b>

<b>Std Dev</b>	<b>33.04</b>		<b>1.000</b>
241	33.03		1.072

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
266	33.19		-1.576
<b>Std Dev</b>	<b>33.15</b>		<b>-1.000</b>
10	33.09		0.000
<b>Median</b>	<b>33.09</b>		<b>0.000</b>
<b>Std Dev</b>	<b>33.03</b>		<b>1.000</b>
10	33.02		1.104

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
270	33.33		-1.965
26	33.20		-1.191
35	33.20		-1.191
<b>Std Dev</b>	<b>33.17</b>		<b>-1.000</b>
30	33.08		-0.476
35	33.07		-0.417
49	33.07		-0.417
9	33.05		-0.268
45	33.00		0.000
<b>Median</b>	<b>33.00</b>		<b>0.000</b>
9	32.99		0.089
92	32.89		0.655
45	32.88		0.715
<b>Std Dev</b>	<b>32.83</b>		<b>1.000</b>
92	32.82		1.072
78	32.42		3.484
78	32.37		3.752
60	32.25		4.467

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
15	33.10		-0.652
21	33.08		-0.507
77	33.07		-0.471
15	33.06		-0.362
13	33.03		-0.145
13	33.01		0.000
<b>Median</b>	<b>33.01</b>		<b>0.000</b>
75	32.91		0.724
24	32.88		0.905

21	32.88		0.942
<b>Std Dev</b>	<b>32.87</b>		<b>1.000</b>
75	32.82		1.340
24	32.77		1.702

205 Other(describe)			
Lab	%	P2O5	
55	32.98		-1.340
<b>Std Dev</b>	<b>32.97</b>		<b>-1.000</b>
<b>Median</b>	<b>32.94</b>		<b>0.000</b>
<b>Std Dev</b>	<b>32.91</b>		<b>1.000</b>
19	32.90		1.340

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
77	33.38		-1.340
<b>Std Dev</b>	<b>33.38</b>		<b>-1.000</b>
<b>Median</b>	<b>33.37</b>		<b>0.000</b>
<b>Std Dev</b>	<b>33.36</b>		<b>1.000</b>
241	33.35		1.340

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
266	33.56		-1.484
<b>Std Dev</b>	<b>33.53</b>		<b>-1.000</b>
10	33.45		0.000
<b>Median</b>	<b>33.45</b>		<b>0.000</b>
<b>Std Dev</b>	<b>33.38</b>		<b>1.000</b>
10	33.37		1.196

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
26	33.51		-2.026
<b>Std Dev</b>	<b>33.45</b>		<b>-1.000</b>
49	33.44		-0.825
30	33.41		-0.175
9	33.40		0.000
<b>Median</b>	<b>33.40</b>		<b>0.000</b>
35	33.37		0.533
<b>Std Dev</b>	<b>33.34</b>		<b>1.000</b>
9	33.33		1.147
35	33.22		3.105

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
13	33.40		-0.970
15	33.39		-0.852
21	33.38		-0.826
15	33.38		-0.788
13	33.38		-0.762
77	33.28		0.000
<b>Median</b>	<b>33.28</b>		<b>0.000</b>
75	33.26		0.144
24	33.24		0.261
75	33.17		0.805
21	33.17		0.816
<b>Std Dev</b>	<b>33.15</b>		<b>1.000</b>
24	33.09		1.425

215 Other(describe)			
Lab	%	P2O5	dB
55	33.31		0.000
<b>Median</b>	<b>33.31</b>		<b>0.000</b>

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
30	1.08		-3.167
<b>Std Dev</b>	<b>1.02</b>		<b>-1.000</b>
241	1.00		-0.313
<b>Median</b>	<b>0.99</b>		<b>0.000</b>
55	0.98		0.313
60	0.98		0.313

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
35	1.22		-1.892
266	1.22		-1.892
35	1.18		-1.261
78	1.18		-1.261
21	1.17		-1.025
<b>Std Dev</b>	<b>1.16</b>		<b>-1.000</b>
78	1.16		-0.867
13	1.15		-0.709
21	1.14		-0.552
75	1.13		-0.443
75	1.13		-0.424
9	1.11		-0.158

9	1.11	-0.079
10	1.10	0.000
13	1.10	0.000
<b>Median</b>	<b>1.10</b>	<b>0.000</b>
10	1.09	0.158
15	1.09	0.158
49	1.09	0.158
15	1.08	0.394
45	1.07	0.473
45	1.06	0.631
270	1.05	0.788
<b>Std Dev</b>	<b>1.04</b>	<b>1.000</b>
92	1.02	1.261
92	1.02	1.261
275	1.01	1.442
275	1.00	1.647
24	0.99	1.734
24	0.96	2.207

303 Other(describe)		
Lab	%	Fe2O3
77	1.26	-0.574
77	1.26	-0.574
<b>Median</b>	<b>1.20</b>	<b>0.000</b>
65	1.14	0.574
<b>Std Dev</b>	<b>1.10</b>	<b>1.000</b>
19	1.06	1.340

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
30	1.40	-1.340
<b>Std Dev</b>	<b>1.40</b>	<b>-1.000</b>
<b>Median</b>	<b>1.39</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.37</b>	<b>1.000</b>
55	1.37	1.340

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
266	1.77	-5.248
78	1.65	-3.319
78	1.62	-2.856
35	1.51	-1.235
75	1.50	-1.102
<b>Std Dev</b>	<b>1.49</b>	<b>-1.000</b>

24	1.49	-0.926
24	1.49	-0.926
75	1.49	-0.905
270	1.48	-0.695
92	1.47	-0.617
92	1.47	-0.617
21	1.45	-0.232
21	1.44	-0.154
10	1.43	0.000
13	1.43	0.000
<b>Median</b>	<b>1.43</b>	<b>0.000</b>
10	1.42	0.154
9	1.42	0.232
13	1.42	0.232
45	1.41	0.309
9	1.41	0.386
45	1.40	0.463
15	1.40	0.540
15	1.39	0.617
49	1.39	0.617
<b>Std Dev</b>	<b>1.37</b>	<b>1.000</b>
35	1.35	1.235
275	1.22	3.319
275	1.18	3.789

403 Other(describe)		
Lab	%	Al2O3
65	1.66	-0.756
77	1.61	-0.069
<b>Median</b>	<b>1.61</b>	<b>0.000</b>
77	1.60	0.069
<b>Std Dev</b>	<b>1.53</b>	<b>1.000</b>
19	1.30	4.192

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
30	0.37	-0.893
35	0.37	-0.893
35	0.35	0.000
<b>Median</b>	<b>0.35</b>	<b>0.000</b>
55	0.34	0.447
60	0.34	0.670

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
13	0.38	-6.700
21	0.37	-4.020
21	0.36	-2.680
24	0.36	-2.680
78	0.36	-1.340
275	0.36	-1.340
<b>Std Dev</b>	<b>0.35</b>	<b>-1.000</b>
9	0.35	0.000
9	0.35	0.000
10	0.35	0.000
10	0.35	0.000
24	0.35	0.000
45	0.35	0.000
45	0.35	0.000
49	0.35	0.000
78	0.35	0.000
266	0.35	0.000
270	0.35	0.000
<b>Median</b>	<b>0.35</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.35</b>	<b>1.000</b>
13	0.35	1.340
15	0.35	1.340
275	0.35	1.340
75	0.33	6.131
15	0.33	6.700
75	0.32	6.864
92	0.31	10.720
92	0.30	13.400

503 Other(describe)		
Lab	%	MgO
19	0.43	-1.179
<b>Std Dev</b>	<b>0.42</b>	<b>-1.000</b>
77	0.40	-0.536
<b>Median</b>	<b>0.38</b>	<b>0.000</b>
65	0.35	0.536
77	0.33	0.965

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
55	3.85	-6.181
24	3.37	-1.545

49	3.37	-1.545
45	3.35	-1.352
35	3.33	-1.159
<b>Std Dev</b>	<b>3.31</b>	<b>-1.000</b>
35	3.30	-0.869
24	3.27	-0.579
21	3.23	-0.193
10	3.22	-0.097
9	3.21	0.000
45	3.21	0.000
<b>Median</b>	<b>3.21</b>	<b>0.000</b>
13	3.20	0.145
15	3.19	0.193
15	3.17	0.386
30	3.17	0.386
9	3.17	0.435
13	3.17	0.435
<b>Std Dev</b>	<b>3.11</b>	<b>1.000</b>
21	3.09	1.207
10	3.08	1.255
26	3.00	2.028

602 Other(describe)		
Lab	%	Al
19	4.40	-1.340
<b>Std Dev</b>	<b>4.29</b>	<b>-1.000</b>
<b>Median</b>	<b>3.98</b>	<b>0.000</b>
<b>Std Dev</b>	<b>3.67</b>	<b>1.000</b>
266	3.56	1.340

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
55	4.06	-2.804
77	3.75	-1.266
<b>Std Dev</b>	<b>3.70</b>	<b>-1.000</b>
49	3.60	-0.521
9	3.56	-0.323
9	3.56	-0.323
13	3.53	-0.149
15	3.50	-0.025
<b>Median</b>	<b>3.50</b>	<b>0.000</b>
15	3.49	0.025
13	3.48	0.074
30	3.32	0.869

Std Dev	3.29	1.000
21	3.28	1.067
21	3.28	1.067
275	3.26	1.191
275	3.25	1.216

652 Other(describe)		
Lab	%	CO2
35	7.95	-13.393
24	3.78	-1.044
Std Dev	3.77	-1.000
24	3.72	-0.866
78	3.45	-0.052
Median	3.43	0.000
65	3.41	0.052
78	3.41	0.052
Std Dev	3.09	1.000
266	2.90	1.562
35	0.88	7.544

701 Gravimetric sulfate-AFPC IX.12.A		
Lab	%	CaO
55	48.41	0.000
Median	48.41	0.000

702 ICP-induced coupled plasma-AFPC IX.12.D		
Lab	%	CaO
78	49.34	-7.723
78	48.80	-5.160
75	48.66	-4.511
75	48.30	-2.833
13	47.96	-1.211
Std Dev	47.91	-1.000
21	47.85	-0.694
9	47.83	-0.599
13	47.78	-0.364
49	47.72	-0.106
Median	47.70	0.000
21	47.68	0.106
10	47.67	0.129
10	47.65	0.223
92	47.65	0.223
9	47.64	0.270
Std Dev	47.48	1.000

92	47.25	2.104
270	46.89	3.797
45	45.40	10.802
45	45.06	12.401

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

704 Permanganate		
Lab	%	CaO
30	47.64	-1.381
Std Dev	47.55	-1.000
60	47.30	0.000
Median	47.30	0.000
Std Dev	47.05	1.000
241	46.98	1.299

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
266	47.84	-2.389
Std Dev	47.60	-1.000
35	47.43	0.000
Median	47.43	0.000
35	47.38	0.291

706 Other(describe)		
Lab	%	CaO
77	48.70	-1.842
Std Dev	48.32	-1.000
77	48.30	-0.960
19	48.10	-0.518
15	47.92	-0.121
Median	47.87	0.000
15	47.81	0.121
24	47.55	0.695
24	47.52	0.761
Std Dev	47.41	1.000
65	47.29	1.268

711 Gravimetric sulfate-AFPC IX.12.A			
Lab	%	CaO	dB
55	48.89	0.000	
Median	48.89	0.000	

712 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	dB
75	49.18	-4.979	
75	48.82	-2.952	
13	48.49	-1.132	
Std Dev	48.47	-1.000	
9	48.33	-0.243	
13	48.32	-0.165	
21	48.29	0.000	
Median	48.29	0.000	
49	48.26	0.175	
10	48.20	0.541	
10	48.16	0.764	
9	48.14	0.848	
Std Dev	48.11	1.000	
21	48.10	1.059	

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

714 Permanganate			
Lab	%	CaO	dB
30	48.11	-1.340	
Std Dev	48.03	-1.000	
Median	47.78	0.000	
Std Dev	47.53	1.000	
241	47.44	1.340	

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
266	48.37	-2.586	
Std Dev	47.93	-1.000	
35	47.64	0.000	
Median	47.64	0.000	
35	47.62	0.094	

716 Other(describe)			
Lab	%	CaO	dB
77	49.00	-2.017	
Std Dev	48.65	-1.000	
77	48.64	-0.945	
15	48.39	-0.229	

Median	48.31	0.000
15	48.23	0.229
24	48.07	0.689
24	47.99	0.946

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
13	3.91	-1.184
270	3.90	-1.151
266	3.88	-1.019
Std Dev	3.88	-1.000
13	3.83	-0.658
21	3.80	-0.493
26	3.79	-0.427
49	3.79	-0.427
21	3.77	-0.263
35	3.75	-0.164
9	3.73	-0.033
Median	3.73	0.000
35	3.72	0.033
9	3.69	0.263
75	3.61	0.789
15	3.60	0.822
30	3.59	0.888
15	3.59	0.921
Std Dev	3.57	1.000
24	3.57	1.019
75	3.56	1.085
24	3.49	1.546
55	3.16	3.716

803 Other(describe)		
Lab	%	Fluorine, F
77	4.00	-0.813
77	3.96	-0.572
Median	3.87	0.000
19	3.77	0.572
Std Dev	3.70	1.000
65	3.68	1.114

911 Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As
55	1.5	0.000
<b>Median</b>	<b>1.5</b>	<b>0.000</b>

912 ICP-induced coupled plasma-AFPC IX.15.B		
Lab	ppm	Arsenic, As
78	11.9	-0.649
78	10.7	-0.398
270	9.4	-0.136
24	9.1	-0.073
24	8.8	0.000
<b>Median</b>	<b>8.8</b>	<b>0.000</b>
266	7.9	0.178
<b>Std Dev</b>	<b>4.0</b>	<b>1.000</b>
35	3.0	1.204
35	2.0	1.413
77	1.5	1.518

913 Other(describe)		
Lab	ppm	Arsenic, As
13	8.6	0.000
<b>Median</b>	<b>8.6</b>	<b>0.000</b>

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
55	6	0.000
<b>Median</b>	<b>6</b>	<b>0.000</b>

922 ICP-induced coupled plasma-AFPC IX.11.B		
Lab	ppm	Cadmium, Cd
78	8	-3.128
78	7	-2.100
275	7	-1.144
<b>Std Dev</b>	<b>6</b>	<b>-1.000</b>
275	6	-0.905
45	6	-0.091
45	6	-0.091
75	6	-0.091
75	6	-0.091
<b>Median</b>	<b>6</b>	<b>0.000</b>
270	6	0.091
266	6	0.109
24	6	0.546

24	6	0.818
<b>Std Dev</b>	<b>5</b>	<b>1.000</b>
77	5	1.728
77	5	1.728
35	2	7.183
35	1	9.002

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

932 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Cobalt, Co
78	6	-22.083
78	5	-17.666
266	3	-3.533
275	3	-2.710
<b>Std Dev</b>	<b>3</b>	<b>-1.000</b>
24	3	-0.442
35	3	0.000
45	3	0.000
45	3	0.000
75	3	0.000
77	3	0.000
77	3	0.000
270	3	0.000
<b>Median</b>	<b>3</b>	<b>0.000</b>
<b>Std Dev</b>	<b>3</b>	<b>1.000</b>
24	3	1.325
275	3	2.506
35	2	8.833
75	2	8.833

933 Other(describe)		
Lab	ppm	Cobalt, Co
13	3	0.000
<b>Median</b>	<b>3</b>	<b>0.000</b>

941 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Mercury, Hg
55	0.1	0.000
<b>Median</b>	<b>0.1</b>	<b>0.000</b>

942 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Mercury, Hg
266	0.1	-1.340
<b>Std Dev</b>	<b>0.1</b>	<b>-1.000</b>
<b>Median</b>	<b>0.1</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.1</b>	<b>1.000</b>
270	0.1	1.340

943 Other(describe)		
Lab	ppm	Mercury, Hg
13	0.4	0.000
<b>Median</b>	<b>0.4</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
45	10	-3.937
45	9	-2.921
<b>Std Dev</b>	<b>7</b>	<b>-1.000</b>
270	7	-0.991
266	7	-0.970
77	7	-0.889
78	6	-0.025
<b>Median</b>	<b>6</b>	<b>0.000</b>
78	6	0.025
77	6	0.127
275	6	0.349
275	6	0.412
<b>Std Dev</b>	<b>5</b>	<b>1.000</b>
24	4	1.905
24	4	1.956

953 Other(describe)		
Lab	ppm	Molybdenum, Mo
13	8	0.000

<b>Median</b>	<b>8</b>	<b>0.000</b>
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961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni
55	10	0.000
<b>Median</b>	<b>10</b>	<b>0.000</b>

962 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Nickel, Ni
266	14	-5.607
275	10	-1.362
<b>Std Dev</b>	<b>10</b>	<b>-1.000</b>
75	10	-0.609
78	10	-0.609
275	9	-0.547
45	9	0.000
45	9	0.000
75	9	0.000
77	9	0.000
77	9	0.000
78	9	0.000
<b>Median</b>	<b>9</b>	<b>0.000</b>
270	9	0.609
<b>Std Dev</b>	<b>8</b>	<b>1.000</b>
24	8	1.280
24	8	1.280
35	6	3.657
35	5	4.876

963 Other(describe)		
Lab	ppm	Nickel, Ni
19	13	-1.340
<b>Std Dev</b>	<b>13</b>	<b>-1.000</b>
<b>Median</b>	<b>12</b>	<b>0.000</b>
<b>Std Dev</b>	<b>12</b>	<b>1.000</b>
13	11	1.340

971 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Lead, Pb
55	2	0.000
<b>Median</b>	<b>2</b>	<b>0.000</b>

972 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Lead, Pb

275	20	-0.925
266	19	-0.804
270	19	-0.720
275	17	-0.498
77	14	-0.004
77	14	-0.004
Median	14	0.000
78	14	0.004
78	13	0.104
24	9	0.720
24	8	0.989
Std Dev	7	1.000
35	6	1.228
35	4	1.535

973 Other(describe)		
Lab	ppm	Lead, Pb
13	16	0.000
Median	16	0.000

981 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Selenium, Se
55	15	0.000
Median	15	0.000

982 ICP-induc coupled plasma-AFPC IX.16.A		
Lab	ppm	Selenium, Se
266	3	-1.340
Std Dev	3	-1.000
Median	2	0.000
Std Dev	1	1.000
77	0	1.340

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
60	98	-1.340
Std Dev	94	-1.000
Median	82	0.000
Std Dev	71	1.000

55	67	1.340
992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
24	99	-1.880
24	96	-1.708
78	89	-1.322
78	86	-1.131
Std Dev	83	-1.000
75	78	-0.721
75	76	-0.611
275	66	-0.039
266	65	-0.009
Median	65	0.000
275	65	0.009
45	57	0.428
45	57	0.428
270	56	0.510
77	55	0.537
77	53	0.647
Std Dev	47	1.000
35	29	1.959
35	26	2.124

993 Other(describe)		
Lab	ppm	Zinc, Zn
19	76	-2.325
Std Dev	68	-1.000
13	61	0.000
Median	61	0.000
19	59	0.355