

# AFPC Rock Check Program

Sample No. 2020-07

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC IX.2.A	101	23	1.04	0.207
Other (describe)	102	3	0.93	0.026
<b>Method Group 100</b>		<b>26</b>	<b>1.02</b>	<b>0.18</b>
<b>P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC IX.3.B	201	4	33.06	0.335
ICP-induced coupled plasma AFPC IX.3.D	202	3	33.08	0.481
AOAC 962.02-15th	203	7	33.02	0.084
Photometric-AFPC IX.3.C	204	21	32.97	0.119
Automated -AOAC 978.01-15th	205	3	32.72	0.466
<b>Method Group 200</b>		<b>38</b>	<b>33.00</b>	<b>0.15</b>
<b>P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC IX.3.B	211	3	33.17	0.338
ICP-induced coupled plasma AFPC IX.3.D	212	3	33.42	0.482
AOAC 962.02-15th	213	7	33.37	0.170
Photometric-AFPC IX.3.C	214	12	33.35	0.174
Automated -AOAC 978.01-15th	215	1	32.76	0.000
<b>Method Group 210</b>		<b>26</b>	<b>33.37</b>	<b>0.22</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.6.B	301	1	0.65	0.000
ICP-induced coupled plasma-AFPC IX.6.C	302	24	1.10	0.035
Other(describe)	303	4	1.20	0.109
<b>Method Group 300</b>		<b>29</b>	<b>1.10</b>	<b>0.05</b>
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.7.B	401	1	0.78	0.000
ICP-induced coupled plasma-AFPC IX.7.C	402	24	1.40	0.103
Other(describe)	403	4	1.60	0.229
<b>Method Group 400</b>		<b>29</b>	<b>1.41</b>	<b>0.12</b>
<b>MgO</b>				
Atomic Absorption-AFPC IX.8.A	501	3	0.35	0.058
ICP-induced coupled plasma-AFPC IX.8.B	502	24	0.35	0.011
Other(describe)	503	4	0.35	0.066
<b>Method Group 500</b>		<b>31</b>	<b>0.35</b>	<b>0.01</b>
<b>Acid Insoluble</b>				
Insoluble-AFPC IX.4.A	601	17	3.19	0.093
Other(describe)	602	6	3.16	0.026
<b>Method Group 600</b>		<b>23</b>	<b>3.18</b>	<b>0.09</b>
<b>Carbon Dioxide</b>				
Gasometric-AFPC IX.13.B	651	9	3.59	0.060
Other(describe)	652	9	4.05	0.728
<b>Method Group 650</b>		<b>18</b>	<b>3.62</b>	<b>0.37</b>
<b>CaO</b>				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	20	47.80	0.224
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	3	45.90	0.494
EDTA Volumetric-AFPC IX.12.C	705	1	47.78	0.000
Other(describe)	706	9	48.25	0.750
<b>Method Group 700</b>		<b>33</b>	<b>47.80</b>	<b>0.42</b>
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	12	48.30	0.119
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	3	46.30	0.422
EDTA Volumetric-AFPC IX.12.C	715	1	48.26	0.000
Other(describe)	716	7	48.66	0.536
<b>Method Group 710</b>		<b>23</b>	<b>48.30</b>	<b>0.33</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	22	3.76	0.127
Other (describe)	803	3	3.77	0.045
<b>Method Group 800</b>		<b>25</b>	<b>3.76</b>	<b>0.13</b>
<b>Arsenic, As</b>				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	12	8.3	1.22
Other(describe)	913	2	34.4	16.31
<b>Method Group 900</b>		<b>14</b>	<b>8.5</b>	<b>1.89</b>
<b>Cadmium, Cd</b>				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	15	6	0.8
Other(describe)	923	1	8	0.0
<b>Method Group 910</b>		<b>16</b>	<b>6</b>	<b>1.0</b>
<b>Cobalt, Co</b>				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	13	3	1.0
Other(describe)	933			
<b>Method Group 920</b>		<b>13</b>	<b>3</b>	<b>1.0</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	0.01
Other(describe)	943			
<b>Method Group 930</b>		<b>3</b>	<b>0.1</b>	<b>0.01</b>
<b>Molybdenum, Mo</b>				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	10	7	0.9
Other(describe)	953			
<b>Method Group 940</b>		<b>10</b>	<b>7</b>	<b>0.9</b>
<b>Nickel, Ni</b>				
Atomic Absorption-AFPC IX.16.B	961	1	11	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	12	9	1.0
Other(describe)	963	3	20	7.4
<b>Method Group 950</b>		<b>16</b>	<b>10</b>	<b>1.6</b>
<b>Lead, Pb</b>				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	15	18	4.4
Other(describe)	973	1	12	0.0
<b>Method Group 960</b>		<b>16</b>	<b>18</b>	<b>4.8</b>
<b>Selenium, Se</b>				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	4	1	0.4
Other(describe)	983	1		0.0
<b>Method Group 970</b>		<b>5</b>	<b>1</b>	<b>0.6</b>
<b>Zinc, Zn</b>				
Atomic Absorption-AFPC IX.16.B	991			
ICP-induced coupled plasma-AFPC IX.16.A	992	13	71	10
Other(describe)	993	3	64	4
<b>Method Group 980</b>		<b>16</b>	<b>65</b>	<b>9</b>

101	Ground Sample AFPC IX.2.A		
Lab	%	H <sub>2</sub> O	
21	1.32		-1.376
21	1.27		-1.111
49	1.26		-1.062
<b>Std Dev</b>	<b>1.24</b>		<b>-1.000</b>
24	1.22		-0.893
16	1.17		-0.628
13	1.16		-0.579
26	1.12		-0.410
13	1.11		-0.338
26	1.10		-0.314
24	1.09		-0.266
9	1.04		-0.024
9	1.04		0.000
10	1.04		0.000
<b>Median</b>	<b>1.04</b>		<b>0.000</b>
10	1.01		0.121
266	1.00		0.169
27	0.92		0.579
27	0.87		0.797
15	0.85		0.893
<b>Std Dev</b>	<b>0.83</b>		<b>1.000</b>
15	0.82		1.038
118	0.82		1.038
55	0.48		2.680
77	0.25		3.791
77	0.11		4.467

102	Other (describe)		
Lab	%	H <sub>2</sub> O	
275	0.94		-0.399
35	0.93		0.000
<b>Median</b>	<b>0.93</b>		<b>0.000</b>
<b>Std Dev</b>	<b>0.90</b>		<b>1.000</b>
35	0.87		2.281

201	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	
55	33.70		-1.915
<b>Std Dev</b>	<b>33.39</b>		<b>-1.000</b>
56	33.22		-0.483
<b>Median</b>	<b>33.06</b>		<b>0.000</b>
118	32.90		0.483

77 32.88 0.546

202	ICP-induced coupled plasma AFPC IX.3.D		
Lab	%	P2O5	
266	34.33		-2.597
<b>Std Dev</b>	<b>33.56</b>		<b>-1.000</b>
10	33.08		0.000
<b>Median</b>	<b>33.08</b>		<b>0.000</b>
10	33.04		0.083

203	AOAC 962.02-15th		
Lab	%	P2O5	
49	33.10		-0.953
21	33.05		-0.298
21	33.04		-0.238
9	33.02		0.000
<b>Median</b>	<b>33.02</b>		<b>0.000</b>
9	33.00		0.238
<b>Std Dev</b>	<b>32.94</b>		<b>1.000</b>
27	32.86		1.906
27	32.68		4.109

204	Photometric-AFPC IX.3.C		
Lab	%	P2O5	
13	33.17		-1.675
24	33.17		-1.675
24	33.16		-1.633
15	33.12		-1.256
51	33.10		-1.089
<b>Std Dev</b>	<b>33.08</b>		<b>-1.000</b>
51	33.07		-0.837
10	33.04		-0.628
16	33.03		-0.544
26	33.00		-0.293
18	32.99		-0.167
10	32.97		0.000
<b>Median</b>	<b>32.97</b>		<b>0.000</b>
13	32.96		0.042
92	32.96		0.042
92	32.95		0.126
26	32.94		0.209
35	32.91		0.503
275	32.90		0.586
78	32.89		0.628

<b>Std Dev</b>	<b>32.85</b>		<b>1.000</b>
35	32.76		1.717
78	32.74		1.926
15	31.36		13.484

205	Automated -AOAC 978.01-15th		
Lab	%	P2O5	
56	33.92		-2.573
<b>Std Dev</b>	<b>33.19</b>		<b>-1.000</b>
77	32.72		0.000
<b>Median</b>	<b>32.72</b>		<b>0.000</b>
19	32.67		0.107

211	Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB	
55	33.86			-2.056
<b>Std Dev</b>	<b>33.51</b>			<b>-1.000</b>
118	33.17			0.000
<b>Median</b>	<b>33.17</b>			<b>0.000</b>
77	32.96			0.624

212	ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB	
266	34.68			-2.614
<b>Std Dev</b>	<b>33.90</b>			<b>-1.000</b>
10	33.42			0.000
<b>Median</b>	<b>33.42</b>			<b>0.000</b>
10	33.39			0.066

213	AOAC 962.02-15th			
Lab	%	P2O5	dB	
49	33.52			-0.902
21	33.48			-0.674
21	33.47			-0.595
9	33.37			0.000
<b>Median</b>	<b>33.37</b>			<b>0.000</b>
9	33.35			0.128
<b>Std Dev</b>	<b>33.20</b>			<b>1.000</b>
27	33.15			1.283
27	32.98			2.290

214	Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB	
24	33.57			-1.302

13	33.55		-1.175
24	33.53		-1.020
<b>Std Dev</b>	<b>33.52</b>		<b>-1.000</b>
16	33.42		-0.411
15	33.39		-0.236
26	33.37		-0.111
<b>Median</b>	<b>33.35</b>		<b>0.000</b>
13	33.33		0.111
26	33.31		0.198
35	33.21		0.767
275	33.21		0.805
<b>Std Dev</b>	<b>33.17</b>		<b>1.000</b>
35	33.05		1.722
15	31.62		9.888

215	Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB	
77	32.76			0.000
<b>Median</b>	<b>32.76</b>			<b>0.000</b>

301	Atomic Absorption-AFPC IX.6.B		
Lab	%	Fe2O3	
55	0.65		0.000
<b>Median</b>	<b>0.65</b>		<b>0.000</b>

302	ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Fe2O3	
35	1.26		-4.563
35	1.24		-3.984
78	1.22		-3.549
266	1.18		-2.390
<b>Std Dev</b>	<b>1.13</b>		<b>-1.000</b>
78	1.13		-0.942
10	1.12		-0.507
18	1.12		-0.507
13	1.11		-0.362
21	1.11		-0.362
21	1.11		-0.362
51	1.11		-0.217
49	1.10		-0.072
<b>Median</b>	<b>1.10</b>		<b>0.000</b>
13	1.10		0.072
10	1.09		0.217
16	1.09		0.362

51	1.09	0.362
15	1.08	0.507
9	1.07	0.797
9	1.07	0.942
Std Dev	1.06	1.000
15	1.05	1.376
92	1.03	2.101
92	1.03	2.101
24	0.95	4.274
24	0.87	6.736

303 Other(describe)		
Lab	%	Fe2O3
77	1.28	-0.687
77	1.26	-0.550
Median	1.20	0.000
56	1.14	0.550
Std Dev	1.09	1.000
19	1.05	1.374

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
55	0.78	0.000
Median	0.78	0.000

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
35	1.75	-3.338
35	1.72	-3.094
266	1.71	-2.997
78	1.64	-2.266
78	1.54	-1.340
51	1.54	-1.291
51	1.52	-1.096
92	1.51	-1.048
Std Dev	1.51	-1.000
92	1.50	-0.950
49	1.41	-0.073
13	1.41	-0.024
16	1.41	-0.024
Median	1.40	0.000
10	1.40	0.024
13	1.40	0.024
18	1.40	0.073

21	1.40	0.073
10	1.39	0.122
21	1.39	0.171
9	1.38	0.268
9	1.37	0.317
24	1.37	0.317
24	1.36	0.414
15	1.34	0.609
15	1.31	0.950

403 Other(describe)		
Lab	%	Al2O3
77	1.70	-0.438
77	1.67	-0.328
Median	1.60	0.000
56	1.52	0.328
Std Dev	1.37	1.000
19	0.92	2.953

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
27	0.36	-0.086
27	0.35	0.000
Median	0.35	0.000
Std Dev	0.29	1.000
55	0.20	2.594

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
35	0.40	-4.020
35	0.39	-3.573
21	0.37	-1.787
92	0.37	-1.787
21	0.37	-1.340
Std Dev	0.36	-1.000
13	0.36	-0.447
13	0.36	-0.447
9	0.35	0.000
9	0.35	0.000
10	0.35	0.000
10	0.35	0.000
15	0.35	0.000
16	0.35	0.000
49	0.35	0.000

266	0.35	0.000
Median	0.35	0.000
15	0.35	0.447
51	0.35	0.447
18	0.34	0.893
78	0.34	0.893
78	0.34	0.893
92	0.34	0.893
Std Dev	0.34	1.000
51	0.34	1.340
24	0.33	1.787
24	0.33	2.233

503 Other(describe)		
Lab	%	MgO
77	0.39	-0.604
77	0.38	-0.528
Median	0.35	0.000
19	0.31	0.528
Std Dev	0.28	1.000
56	0.24	1.585

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
26	3.45	-2.787
10	3.43	-2.573
10	3.37	-1.876
55	3.32	-1.394
Std Dev	3.28	-1.000
51	3.26	-0.697
26	3.25	-0.643
49	3.25	-0.643
16	3.22	-0.268
9	3.19	0.000
Median	3.19	0.000
51	3.18	0.107
9	3.14	0.590
24	3.14	0.590
15	3.13	0.643
13	3.11	0.858
Std Dev	3.10	1.000
24	3.09	1.072
13	3.07	1.286
15	3.06	1.447

602 Other(describe)		
Lab	%	Al
19	3.81	-24.981
35	3.20	-1.627
Std Dev	3.18	-1.000
266	3.16	-0.096
Median	3.16	0.000
21	3.16	0.096
35	3.16	0.096
Std Dev	3.13	1.000
21	3.08	3.159

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
21	3.63	-0.670
21	3.63	-0.670
13	3.61	-0.335
49	3.61	-0.335
9	3.59	0.000
Median	3.59	0.000
9	3.57	0.335
Std Dev	3.53	1.000
13	3.53	1.005
15	3.30	4.857
15	3.30	4.857

652 Other(describe)		
Lab	%	CO2
35	7.28	-4.446
35	7.28	-4.439
78	4.82	-1.058
Std Dev	4.77	-1.000
78	4.77	-0.990
51	4.05	0.000
Median	4.05	0.000
51	3.99	0.082
56	3.84	0.282
Std Dev	3.32	1.000
55	3.12	1.271
266	2.49	2.137

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

35 48.50 -3.093  
18 48.08 -1.240  
13 48.07 -1.195  
Std Dev 48.03 -1.000  
51 48.01 -0.905  
10 47.97 -0.748  
92 47.96 -0.704  
92 47.96 -0.681  
18 47.95 -0.637  
51 47.95 -0.637  
9 47.81 -0.011

Median 47.80 0.000

9 47.80 0.011  
13 47.80 0.011  
10 47.75 0.257  
16 47.74 0.279  
21 47.68 0.547  
49 47.61 0.860  
Std Dev 47.58 1.000  
21 47.51 1.307  
78 47.32 2.155  
35 47.05 3.361  
78 46.97 3.741

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

Median 0.00 0.000

704 Permanganate  
Lab % CaO

55 46.84 -1.901  
Std Dev 46.39 -1.000  
27 45.90 0.000  
Median 45.90 0.000  
27 45.52 0.779

705 EDTA Volumetric-AFPC IX.12.C  
Lab % CaO

266 47.78 0.000  
Median 47.78 0.000

706 Other(describe)  
Lab % CaO

77 49.10 -1.140  
77 49.00 -1.007  
Std Dev 49.00 -1.000  
56 48.46 -0.287  
15 48.38 -0.173  
15 48.25 0.000  
Median 48.25 0.000  
118 48.02 0.296  
Std Dev 47.50 1.000  
24 47.46 1.053  
24 47.46 1.053  
19 47.38 1.153

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

35 48.95 -5.461  
13 48.61 -2.568  
10 48.47 -1.426  
Std Dev 48.42 -1.000  
13 48.36 -0.472  
9 48.30 -0.020  
16 48.30 -0.002  
Median 48.30 0.000  
9 48.30 0.002  
21 48.29 0.098  
10 48.23 0.593  
49 48.22 0.737  
Std Dev 48.18 1.000  
21 48.15 1.324  
35 47.46 7.078

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

Median 0.00 0.000

714 Permanganate  
Lab % CaO dB

55 47.07 -1.809  
Std Dev 46.72 -1.000  
27 46.30 0.000  
Median 46.30 0.000  
27 45.94 0.871

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

266 48.26 0.000  
Median 48.26 0.000

716 Other(describe)  
Lab % CaO dB

77 49.15 -0.924  
77 49.12 -0.866  
15 48.77 -0.217  
15 48.66 0.000  
Median 48.66 0.000  
118 48.42 0.445  
Std Dev 48.12 1.000  
24 48.04 1.152  
24 47.98 1.270

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 3.82 -0.493  
24 3.82 -0.453  
21 3.81 -0.414  
51 3.81 -0.414  
24 3.79 -0.256  
49 3.79 -0.256  
51 3.79 -0.256  
9 3.79 -0.217  
9 3.77 -0.099  
27 3.77 -0.059  
35 3.76 -0.020  
Median 3.76 0.000  
13 3.76 0.020  
16 3.75 0.059  
35 3.74 0.138

27 3.72 0.335  
Std Dev 3.63 1.000  
13 3.62 1.084  
26 3.62 1.084  
26 3.61 1.163  
15 3.58 1.439  
266 3.44 2.503  
15 3.28 3.803  
55 2.81 7.469

803 Other(describe)  
Lab % Fluorine, F

77 3.87 -2.233  
Std Dev 3.81 -1.000  
275 3.77 0.000  
Median 3.77 0.000  
77 3.75 0.447

911 Atomic Absorption-AFPC  
Lab ppm Arsenic, As

Median 0.0 0.000

912 ICP-induced coupled plasma-AFPC IX.15.I  
Lab ppm Arsenic, As

78 15.0 -5.524  
24 10.5 -1.841  
Std Dev 9.5 -1.000  
24 9.2 -0.736  
78 9.0 -0.614  
35 8.5 -0.205  
35 8.5 -0.205  
Median 8.3 0.000  
16 8.0 0.205  
51 8.0 0.205  
18 7.5 0.614  
18 7.1 0.941  
Std Dev 7.0 1.000  
51 7.0 1.023  
266 3.0 4.296

913 Other(describe)  
Lab ppm Arsenic, As

118 56.2 -1.340  
Std Dev 50.7 -1.000

Median	34.4	0.000
Std Dev	18.0	1.000
77	12.5	1.340

921	Atomic Absorption-AFPC IX.11.A	
Lab	ppm	Cadmium, Cd
Median	0	0.000

922	ICP-induced coupled plasma-AFPC IX.11.B	
Lab	ppm	Cadmium, Cd

78	9	-3.282
78	8	-2.567
77	7	-1.191

Std Dev	7	-1.000
18	6	-0.179
18	6	-0.119
16	6	0.000
51	6	0.000
51	6	0.000

Median	6	0.000
266	6	0.298
77	6	0.596

Std Dev	5	1.000
35	5	1.191
35	5	1.191
55	5	1.191
24	5	1.429
24	4	1.965

923	Other(describe)	
Lab	ppm	Cadmium, Cd
118	8	0.000
Median	8	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	5	-2.062
78	5	-2.062
Std Dev	4	-1.000
18	3	-0.309

932	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Cobalt, Co

18	3	-0.309
16	3	0.000
77	3	0.000
77	3	0.000

933	Other(describe)	
Lab	ppm	Cobalt, Co
Median	0	0.000

941	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Mercury, Hg

118	0.1	0.000
Median	0.1	0.000

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

266	0.1	-1.340
Std Dev	0.1	-1.000
Median	0.1	0.000
Std Dev	0.1	1.000
55	0.1	1.340

943	Other(describe)	
Lab	ppm	Mercury, Hg
Median	0.0	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

952	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Molybdenum, Mo

16	13	-6.846
78	8	-1.463
78	8	-1.229
Std Dev	8	-1.000

952	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Molybdenum, Mo

266	7	-0.094
18	7	0.000
24	7	0.000
Median	7	0.000

953	Other(describe)	
Lab	ppm	Molybdenum, Mo
Median	0	0.000

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

77	11	0.000
Median	11	0.000

962	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Nickel, Ni

55	16	-6.760
78	11	-1.932
78	11	-1.932
Std Dev	10	-1.000
16	10	-0.966
24	9	-0.241
35	9	0.000
35	9	0.000

Median	9	0.000
18	9	0.097
24	9	0.097
18	9	0.241
77	8	0.966
Std Dev	8	1.000
266	7	1.642

963	Other(describe)	
Lab	ppm	Nickel, Ni
19	30	-1.348
Std Dev	27	-1.000
19	20	0.000
Median	20	0.000
Std Dev	13	1.000

963	Other(describe)	
Lab	ppm	Nickel, Ni
19	30	-1.348
Std Dev	27	-1.000
19	20	0.000
Median	20	0.000
Std Dev	13	1.000

963	Other(describe)	
Lab	ppm	Nickel, Ni
19	30	-1.348
Std Dev	27	-1.000
19	20	0.000
Median	20	0.000
Std Dev	13	1.000

963	Other(describe)	
Lab	ppm	Nickel, Ni
19	30	-1.348
Std Dev	27	-1.000
19	20	0.000
Median	20	0.000
Std Dev	13	1.000

963	Other(describe)	
Lab	ppm	Nickel, Ni
19	30	-1.348
Std Dev	27	-1.000
19	20	0.000
Median	20	0.000
Std Dev	13	1.000

118	10	1.332
971	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Lead, Pb
Median	0	0.000

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

18	21	-0.607
78	21	-0.607
18	20	-0.515
16	20	-0.344
266	19	-0.275
51	19	-0.229
78	18	-0.057
51	18	0.000
Median	18	0.000
77	17	0.229
77	17	0.344
35	14	0.916
Std Dev	14	1.000
35	13	1.145
55	10	1.947
24	9	1.970
24	8	2.222

973	Other(describe)	
Lab	ppm	Lead, Pb
118	12	0.000
Median	12	0.000

973	Other(describe)	
Lab	ppm	Lead, Pb
118	12	0.000
Median	12	0.000

973	Other(describe)	
Lab	ppm	Lead, Pb
118	12	0.000
Median	12	0.000

973	Other(describe)	
Lab	ppm	Lead, Pb
118	12	0.000
Median	12	0.000

981	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Selenium, Se
Median	0	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	3	-2.817
Std Dev	2	-1.000
18	2	-0.069
Median	1	0.000
18	1	0.069
Std Dev	1	1.000
266	1	2.130

982	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Selenium, Se
16	3	-2.817
Std Dev	2	-1.000
18	2	-0.069
Median	1	0.000
18	1	0.069
Std Dev	1	1.000
266	1	2.130

983 Other(describe)		
Lab	ppm	Selenium, Se
77	0	0.000
<b>Median</b>	<b>0</b>	<b>0.000</b>

991 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn
<b>Median</b>	<b>0</b>	<b>0.000</b>

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
24	98	-2.651
24	95	-2.274
<b>Std Dev</b>	<b>81</b>	<b>-1.000</b>
35	77	-0.532
78	76	-0.484
35	74	-0.290
78	73	-0.145
77	71	0.000
<b>Median</b>	<b>71</b>	<b>0.000</b>
18	65	0.590
16	64	0.726
18	62	0.856
77	62	0.919
<b>Std Dev</b>	<b>61</b>	<b>1.000</b>
55	58	1.258
266	55	1.558

993 Other(describe)		
Lab	ppm	Zinc, Zn
118	64	-0.114
19	64	0.000
<b>Median</b>	<b>64</b>	<b>0.000</b>
<b>Std Dev</b>	<b>60</b>	<b>1.000</b>
19	55	2.566