

# AFPC Rock Check Program

Sample No. 2016-12

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC IX.2.A	101	27	0.85	0.287
Other (describe)	102	1	0.74	
<b>Method Group 100</b>		<b>28</b>	<b>0.83</b>	<b>0.28</b>
<b>P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC IX.3.B	201	4	29.73	0.116
ICP-induced coupled plasma AFPC IX.3.D	202	3	29.78	0.213
Photometric-AFPC IX.3.C	203	17	29.84	0.179
Automated -AOAC 978.01-15th	204	9	29.99	0.205
Other(describe)	205	2	29.68	0.119
<b>Method Group 200</b>		<b>35</b>	<b>29.78</b>	<b>0.21</b>
<b>P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC IX.3.B	211	2	29.84	0.013
ICP-induced coupled plasma AFPC IX.3.D	212	3	30.11	0.207
Photometric-AFPC IX.3.C	213	13	30.01	0.160
Automated -AOAC 978.01-15th	214	9	30.18	0.192
Other(describe)	215	1	30.06	0.000
<b>Method Group 210</b>		<b>28</b>	<b>30.06</b>	<b>0.24</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.6.B	301	2	0.70	0.015
ICP-induced coupled plasma-AFPC IX.6.C	302	26	0.71	0.054
Other(describe)	303	5	0.77	0.053
<b>Method Group 300</b>		<b>33</b>	<b>0.71</b>	<b>0.06</b>
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.7.B	401	2	0.73	0.022
ICP-induced coupled plasma-AFPC IX.7.C	402	26	0.67	0.104
Other(describe)	403	5	0.95	0.016
<b>Method Group 400</b>		<b>33</b>	<b>0.69</b>	<b>0.12</b>
<b>MgO</b>				
Atomic Absorption-AFPC IX.8.A	501	4	0.62	0.026
ICP-induced coupled plasma-AFPC IX.8.B	502	24	0.66	0.022
Other(describe)	503	5	0.65	0.008
<b>Method Group 500</b>		<b>33</b>	<b>0.65</b>	<b>0.02</b>
<b>Acid Insoluble</b>				
Insoluble-AFPC IX.4.A	601	17	3.50	0.205
Other(describe)	602	4	3.35	0.214
<b>Method Group 600</b>		<b>21</b>	<b>3.42</b>	<b>0.24</b>
<b>Carbon Dioxide</b>				
Gasometric-AFPC IX.13.B	651	14	4.16	0.237
Other(describe)	652	7	4.74	0.444
<b>Method Group 650</b>		<b>21</b>	<b>4.20</b>	<b>0.50</b>
<b>CaO</b>				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	19	45.43	0.724
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	1	45.08	0.000
EDTA Volumetric-AFPC IX.12.C	705	1	46.68	0.000
Other(describe)	706	8	45.88	0.343
<b>Method Group 700</b>		<b>29</b>	<b>45.61</b>	<b>0.79</b>
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	15	45.78	0.347
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	1	45.34	0.000
EDTA Volumetric-AFPC IX.12.C	715	1	47.15	0.000
Other(describe)	716	6	46.32	0.129
<b>Method Group 710</b>		<b>22</b>	<b>45.88</b>	<b>0.56</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	2.79	0.071
Other (describe)	803	4	2.72	0.047
<b>Method Group 800</b>		<b>27</b>	<b>2.78</b>	<b>0.09</b>
<b>Arsenic, As</b>				
Atomic Absorption	911	1	7.0	0.00
ICP-induced coupled plasma-AFPC IX.15.B	912	8	6.9	2.99
Other(describe)	913	3	6.7	0.48
<b>Method Group 900</b>		<b>12</b>	<b>6.9</b>	<b>1.69</b>
<b>Cadmium, Cd</b>				
Atomic Absorption-AFPC IX.11.A	921	1	5	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	11	40	4.6
Other(describe)	923	2	48	0.3
<b>Method Group 910</b>		<b>14</b>	<b>41</b>	<b>5.6</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	9	1	0.5
Other(describe)	933	2	1	0.0
<b>Method Group 920</b>		<b>12</b>	<b>1</b>	<b>0.4</b>
<b>Mercury, Hg</b>				
Atomic Absorption-AFPC IX.16.B	941	1	0.6	0.00
ICP-induced coupled plasma-AFPC IX.16.A	942	1	0.0	0.00
Other(describe)	943	2	0.1	0.01
<b>Method Group 930</b>		<b>4</b>	<b>0.1</b>	<b>0.12</b>
<b>Molybdenum, Mo</b>				
Atomic Absorption-AFPC IX.16.B	951	1	20	0.0
ICP-induced coupled plasma-AFPC IX.16.A	952	5	7	0.8
Other(describe)	953	2	6	0.0
<b>Method Group 940</b>		<b>8</b>	<b>7</b>	<b>1.4</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	9	12	0.7
Other(describe)	963	2	14	0.0
<b>Method Group 950</b>		<b>12</b>	<b>12</b>	<b>1.7</b>
<b>Lead, Pb</b>				
Atomic Absorption-AFPC IX.16.B	971	1	9	0.0
ICP-induced coupled plasma-AFPC IX.16.A	972	11	6	2.5
Other(describe)	973	2	5	0.1
<b>Method Group 960</b>		<b>14</b>	<b>5</b>	<b>2.4</b>
<b>Selenium, Se</b>				
Atomic Absorption-AFPC IX.16.B	981	1	3	0.0
ICP-induced coupled plasma-AFPC IX.16.A	982	3	2	0.1
Other(describe)	983	2	3	0.0
<b>Method Group 970</b>		<b>6</b>	<b>2</b>	<b>0.8</b>
<b>Zinc, Zn</b>				
Atomic Absorption-AFPC IX.16.B	991	1	77	0
ICP-induced coupled plasma-AFPC IX.16.A	992	8	76	7
Other(describe)	993	2	75	2
<b>Method Group 980</b>		<b>11</b>	<b>77</b>	<b>4</b>

101 Lab	Ground Sample AFPC IX.2.A	
	%	H <sub>2</sub> O
13	1.13	-0.975
9	1.11	-0.888
9	1.10	-0.853
10	1.09	-0.835
10	1.07	-0.766
6	1.06	-0.714
266	1.00	-0.522
13	0.96	-0.383
15	0.96	-0.383
15	0.96	-0.365
75	0.89	-0.122
75	0.87	-0.070
6	0.86	-0.035
21	0.85	0.000
<b>Median</b>	<b>0.85</b>	<b>0.000</b>
21	0.82	0.122
275	0.82	0.122
275	0.78	0.261
26	0.77	0.278
49	0.74	0.383
61	0.60	0.870
61	0.59	0.905
55	0.58	0.940
30	0.57	0.975
<b>Std Dev</b>	<b>0.56</b>	<b>1.000</b>
35	0.35	1.740
35	0.31	1.879
77	0.16	2.402
77	0.00	2.958

102 Lab	Other (describe)	
	%	H <sub>2</sub> O
49	0.74	0.000
<b>Median</b>	<b>0.74</b>	<b>0.000</b>

201 Lab	Gravimetric AFPC IX.3.B	
	%	P2O5
56	29.83	-0.908
77	29.77	-0.389
<b>Median</b>	<b>29.73</b>	<b>0.000</b>
55	29.68	0.389
<b>Std Dev</b>	<b>29.61</b>	<b>1.000</b>

65 Lab	202 ICP-induced coupled plasma AFPC IX.3.D	
	%	P2O5
266	30.30	-2.445
<b>Std Dev</b>	<b>29.99</b>	<b>-1.000</b>
10	29.78	0.000
<b>Median</b>	<b>29.78</b>	<b>0.000</b>
10	29.73	0.235

203 Lab	Photometric-AFPC IX.3.C	
	%	P2O5
51	30.06	-1.228
26	30.05	-1.145
<b>Std Dev</b>	<b>30.02</b>	<b>-1.000</b>
9	30.00	-0.893
35	29.99	-0.837
51	29.95	-0.614
9	29.94	-0.530
35	29.92	-0.447
275	29.85	-0.078
92	29.84	0.000
<b>Median</b>	<b>29.84</b>	<b>0.000</b>
6	29.78	0.363
92	29.77	0.391
49	29.74	0.558
30	29.71	0.726
275	29.70	0.807
<b>Std Dev</b>	<b>29.66</b>	<b>1.000</b>
6	29.57	1.508
61	29.44	2.233
61	29.05	4.411

204 Lab	Automated -AOAC 978.01-15th	
	%	P2O5
77	30.18	-0.926
21	30.13	-0.682
15	30.01	-0.073
15	30.00	-0.024
21	29.99	0.000
<b>Median</b>	<b>29.99</b>	<b>0.000</b>
<b>Std Dev</b>	<b>29.78</b>	<b>1.000</b>
13	29.74	1.218
13	29.73	1.267

75 Lab	205 Other(describe)	
	%	P2O5
49	29.84	-1.340
<b>Std Dev</b>	<b>29.80</b>	<b>-1.000</b>
<b>Median</b>	<b>29.68</b>	<b>0.000</b>
<b>Std Dev</b>	<b>29.56</b>	<b>1.000</b>
56	29.52	1.340

211 Lab	Gravimetric AFPC IX.3.B		
	%	P2O5	dB
55	29.85	-1.340	
<b>Std Dev</b>	<b>29.85</b>	<b>-1.000</b>	
<b>Median</b>	<b>29.84</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>29.82</b>	<b>1.000</b>	
77	29.82	1.340	

212 Lab	ICP-induced coupled plasma AFPC IX.3.D		
	%	P2O5	dB
266	30.61	-2.406	
<b>Std Dev</b>	<b>30.32</b>	<b>-1.000</b>	
10	30.11	0.000	
<b>Median</b>	<b>30.11</b>	<b>0.000</b>	
10	30.05	0.274	

213 Lab	Photometric-AFPC IX.3.C		
	%	P2O5	dB
9	30.34	-2.017	
26	30.28	-1.660	
9	30.27	-1.586	
<b>Std Dev</b>	<b>30.17</b>	<b>-1.000</b>	
275	30.10	-0.540	
35	30.10	-0.515	
6	30.03	-0.127	
35	30.01	0.000	
<b>Median</b>	<b>30.01</b>	<b>0.000</b>	
49	29.96	0.321	
275	29.93	0.536	
6	29.89	0.800	
30	29.88	0.831	
<b>Std Dev</b>	<b>29.85</b>	<b>1.000</b>	
61	29.62	2.475	

61 Lab	214 Automated -AOAC 978.01-15th		
	%	P2O5	dB
21	30.39	-1.084	
<b>Std Dev</b>	<b>30.37</b>	<b>-1.000</b>	
15	30.29	-0.595	
15	30.29	-0.550	
21	30.24	-0.294	
77	30.18	0.000	
<b>Median</b>	<b>30.18</b>	<b>0.000</b>	
13	30.07	0.574	
13	30.03	0.790	
<b>Std Dev</b>	<b>29.99</b>	<b>1.000</b>	
75	29.92	1.352	
75	29.91	1.407	

215 Lab	Other(describe)		
	%	P2O5	dB
49	30.06	0.000	
<b>Median</b>	<b>30.06</b>	<b>0.000</b>	

301 Lab	Atomic Absorption-AFPC IX.6.B		
	%	Fe2O3	
30	0.72	-1.340	
<b>Std Dev</b>	<b>0.71</b>	<b>-1.000</b>	
<b>Median</b>	<b>0.70</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>0.69</b>	<b>1.000</b>	
55	0.68	1.340	

302 Lab	ICP-induced coupled plasma-AFPC IX.6.C		
	%	Fe2O3	
35	0.87	-2.957	
51	0.77	-1.109	
266	0.77	-1.109	
<b>Std Dev</b>	<b>0.76</b>	<b>-1.000</b>	
51	0.76	-0.924	
75	0.76	-0.875	
75	0.74	-0.563	
15	0.74	-0.554	
15	0.73	-0.370	
275	0.73	-0.333	
92	0.72	-0.185	
275	0.72	-0.185	

61	0.71	0.000
61	0.71	0.000
92	0.71	0.000
<b>Median</b>	<b>0.71</b>	<b>0.000</b>
21	0.70	0.277
9	0.68	0.554
6	0.68	0.647
6	0.67	0.739
9	0.67	0.832
21	0.67	0.832
10	0.66	0.924
13	0.66	0.924
<b>Std Dev</b>	<b>0.66</b>	<b>1.000</b>
10	0.65	1.109
13	0.65	1.109
49	0.64	1.294
35	0.37	6.284

303 Other(describe)		
Lab	%	Fe2O3
77	0.80	-0.632
77	0.79	-0.443
56	0.77	0.000
<b>Median</b>	<b>0.77</b>	<b>0.000</b>
65	0.72	0.897
<b>Std Dev</b>	<b>0.71</b>	<b>1.000</b>
49	0.64	2.388

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
55	0.76	-1.340
<b>Std Dev</b>	<b>0.75</b>	<b>-1.000</b>
<b>Median</b>	<b>0.73</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.71</b>	<b>1.000</b>
30	0.70	1.340

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
266	1.04	-3.554
51	0.94	-2.594
51	0.89	-2.113
61	0.80	-1.249
35	0.79	-1.153
<b>Std Dev</b>	<b>0.77</b>	<b>-1.000</b>

275	0.77	-0.961
275	0.76	-0.826
92	0.70	-0.288
75	0.69	-0.200
92	0.69	-0.192
9	0.69	-0.144
75	0.68	-0.131
15	0.67	0.000
61	0.67	0.000
<b>Median</b>	<b>0.67</b>	<b>0.000</b>
9	0.67	0.048
15	0.67	0.048
49	0.66	0.096
6	0.64	0.336
21	0.61	0.576
6	0.60	0.672
10	0.59	0.768
10	0.58	0.865
13	0.58	0.865
<b>Std Dev</b>	<b>0.57</b>	<b>1.000</b>
21	0.56	1.105
13	0.52	1.441
35	0.39	2.690

403 Other(describe)		
Lab	%	Al2O3
56	1.04	-5.611
<b>Std Dev</b>	<b>0.97</b>	<b>-1.000</b>
77	0.95	0.000
77	0.95	0.000
<b>Median</b>	<b>0.95</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.93</b>	<b>1.000</b>
65	0.93	1.340
49	0.64	19.781

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
35	0.65	-1.340
<b>Std Dev</b>	<b>0.64</b>	<b>-1.000</b>
35	0.63	-0.574
<b>Median</b>	<b>0.62</b>	<b>0.000</b>
30	0.60	0.574
55	0.60	0.574

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
61	0.72	-2.680
21	0.72	-2.457
13	0.71	-2.233
21	0.69	-1.117
<b>Std Dev</b>	<b>0.68</b>	<b>-1.000</b>
6	0.67	-0.447
51	0.67	-0.447
92	0.67	-0.447
275	0.67	-0.290
6	0.67	-0.223
275	0.66	-0.156
10	0.66	0.000
10	0.66	0.000
49	0.66	0.000
<b>Median</b>	<b>0.66</b>	<b>0.000</b>
51	0.65	0.447
266	0.65	0.447
9	0.65	0.670
15	0.65	0.670
9	0.64	0.893
13	0.64	0.893
15	0.64	0.893
<b>Std Dev</b>	<b>0.64</b>	<b>1.000</b>
61	0.63	1.340
92	0.59	3.127
75	0.54	5.393
75	0.53	5.952

503 Other(describe)		
Lab	%	MgO
77	0.66	-1.218
<b>Std Dev</b>	<b>0.66</b>	<b>-1.000</b>
49	0.65	0.000
77	0.65	0.000
<b>Median</b>	<b>0.65</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.64</b>	<b>1.000</b>
65	0.64	1.340
56	0.49	19.607

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
55	7.50	-19.515

10	3.74	-1.194
49	3.73	-1.145
<b>Std Dev</b>	<b>3.70</b>	<b>-1.000</b>
15	3.70	-0.999
15	3.67	-0.853
21	3.66	-0.780
10	3.65	-0.755
21	3.52	-0.097
13	3.50	0.000
<b>Median</b>	<b>3.50</b>	<b>0.000</b>
9	3.42	0.365
9	3.42	0.365
26	3.40	0.463
13	3.40	0.487
30	3.35	0.707
<b>Std Dev</b>	<b>3.29</b>	<b>1.000</b>
51	3.10	1.925
51	2.97	2.558
61	2.25	6.067

602 Other(describe)		
Lab	%	Al
49	3.83	-2.270
<b>Std Dev</b>	<b>3.56</b>	<b>-1.000</b>
6	3.41	-0.304
<b>Median</b>	<b>3.35</b>	<b>0.000</b>
266	3.28	0.304
<b>Std Dev</b>	<b>3.13</b>	<b>1.000</b>
6	3.08	1.264

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
77	.	0.000
61	9.40	-22.136
<b>Std Dev</b>	<b>4.39</b>	<b>-1.000</b>
6	4.31	-0.633
15	4.23	-0.295
77	4.22	-0.274
30	4.20	-0.190
9	4.19	-0.148
15	4.17	-0.063
<b>Median</b>	<b>4.16</b>	<b>0.000</b>
6	4.14	0.063
9	4.09	0.274

13	3.98	0.739
Std Dev	3.92	1.000
21	3.87	1.203
21	3.76	1.667
13	3.53	2.659
49	3.49	2.807

652	Other(describe)		
Lab	%	CO2	
266	5.79	-2.365	
Std Dev	5.18	-1.000	
51	5.08	-0.766	
51	4.97	-0.518	
55	4.74	0.000	
Median	4.74	0.000	
56	4.65	0.203	
Std Dev	4.30	1.000	
65	4.21	1.194	
49	3.52	2.748	

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	
61	50.22	-6.617	
92	46.60	-1.616	
21	46.38	-1.305	
92	46.22	-1.091	
51	46.16	-1.008	
Std Dev	46.15	-1.000	
51	45.91	-0.663	
9	45.62	-0.262	
21	45.61	-0.249	
49	45.44	-0.014	
10	45.43	0.000	
Median	45.43	0.000	
9	45.39	0.062	
6	45.38	0.069	
10	45.36	0.097	
13	45.10	0.463	
13	45.04	0.546	
6	44.97	0.642	

Std Dev	44.71	1.000
61	42.41	4.172
75	42.24	4.410
75	41.56	5.348

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

704	Permanganate		
Lab	%	CaO	
30	45.08	0.000	
Median	45.08	0.000	

705	EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO	
266	46.68	0.000	
Median	46.68	0.000	

706	Other(describe)		
Lab	%	CaO	
55	46.50	-1.807	
77	46.40	-1.516	
Std Dev	46.22	-1.000	
77	46.10	-0.641	
15	45.89	-0.015	
Median	45.88	0.000	
15	45.88	0.015	
56	45.83	0.135	
Std Dev	45.54	1.000	
49	45.36	1.516	
65	44.37	4.401	

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
61	50.52	-13.663	
21	46.77	-2.865	
Std Dev	46.13	-1.000	
9	46.13	-0.998	
21	45.98	-0.594	

10	45.92	-0.411
9	45.89	-0.327
10	45.86	-0.234
49	45.78	0.000
Median	45.78	0.000
6	45.77	0.015
13	45.55	0.660
13	45.53	0.711
6	45.44	0.964
Std Dev	45.43	1.000
61	42.67	8.974
75	42.61	9.139
75	41.93	11.096

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

714	Permanganate			
Lab	%	CaO	dB	
30	45.34	0.000		
Median	45.34	0.000		

715	EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB	
266	47.15	0.000		
Median	47.15	0.000		

716	Other(describe)			
Lab	%	CaO	dB	
55	46.77	-3.474		
Std Dev	46.45	-1.000		
77	46.40	-0.593		
15	46.33	-0.048		
Median	46.32	0.000		
15	46.32	0.048		
Std Dev	46.19	1.000		
77	46.17	1.161		
49	45.70	4.852		

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	
55	3.15	-5.078	
21	3.15	-5.007	
21	3.00	-2.962	
30	2.91	-1.693	
51	2.90	-1.552	
Std Dev	2.86	-1.000	
49	2.84	-0.705	
51	2.82	-0.423	
35	2.81	-0.282	
266	2.81	-0.282	
13	2.80	-0.141	
15	2.80	-0.141	
35	2.79	0.000	
Median	2.79	0.000	
15	2.79	0.071	
75	2.78	0.212	
13	2.77	0.282	
26	2.77	0.353	
75	2.75	0.564	
9	2.72	0.987	
Std Dev	2.72	1.000	
9	2.69	1.411	
6	2.66	1.834	
6	2.59	2.892	
275	2.49	4.302	
275	2.48	4.373	

803	Other(describe)		
Lab	%	Fluorine, F	
49	2.78	-1.394	
Std Dev	2.76	-1.000	
77	2.74	-0.536	
Median	2.72	0.000	
65	2.69	0.536	
77	2.68	0.750	

911	Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As	
55	7.0	0.000	
Median	7.0	0.000	

912 ICP-induced coupled plasma-AFPC IX.15.B			
Lab	ppm	Arsenic, As	
35	13.0	-2.058	
35	11.0	-1.389	
Std Dev	9.8	-1.000	
61	9.1	-0.743	
77	7.7	-0.284	
Median	6.9	0.000	
51	6.0	0.284	
61	5.7	0.375	
51	5.0	0.619	
266	3.9	0.987	

913 Other(describe)			
Lab	ppm	Arsenic, As	
77	7.9	-2.440	
Std Dev	7.2	-1.000	
13	6.7	0.000	
Median	6.7	0.000	
13	6.6	0.240	

921 Atomic Absorption-AFPC IX.11.A			
Lab	ppm	Cadmium, Cd	
55	5	0.000	
Median	5	0.000	

922 ICP-induced coupled plasma-AFPC IX.11.B			
Lab	ppm	Cadmium, Cd	
61	46	-1.227	
Std Dev	45	-1.000	
61	45	-0.901	
77	44	-0.788	
77	44	-0.788	
51	42	-0.350	
75	40	0.000	
Median	40	0.000	
51	40	0.088	
75	40	0.142	
35	36	0.963	
266	36	0.963	
Std Dev	36	1.000	
35	33	1.619	

923 Other(describe)			
Lab	ppm	Cadmium, Cd	
13	49	-1.340	
Std Dev	49	-1.000	
Median	48	0.000	
Std Dev	48	1.000	
13	48	1.340	

931 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Cobalt, Co	
55	3	0.000	
Median	3	0.000	

932 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Cobalt, Co	
35	2	-1.914	
Std Dev	2	-1.000	
61	1	-0.785	
77	1	-0.383	
77	1	-0.191	
35	1	0.000	
Median	1	0.000	
61	1	0.306	
266	1	0.957	
Std Dev	0	1.000	
75	0	1.531	
75	0	1.723	

933 Other(describe)			
Lab	ppm	Cobalt, Co	
13	1	-1.340	
Std Dev	1	-1.000	
Median	1	0.000	
Std Dev	1	1.000	
13	1	1.340	

941 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Mercury, Hg	
55	0.6	0.000	
Median	0.6	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	
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943 Other(describe)			
Lab	ppm	Mercury, Hg	
13	0.1	-1.340	
Std Dev	0.1	-1.000	
Median	0.1	0.000	
Std Dev	0.1	1.000	
13	0.1	1.340	

951 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Molybdenum, Mo	
55	20	0.000	
Median	20	0.000	

952 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Molybdenum, Mo	
61	9	-2.229	
Std Dev	8	-1.000	
61	7	-0.585	
77	7	0.000	
Median	7	0.000	
266	6	0.755	
Std Dev	6	1.000	
77	6	1.340	

953 Other(describe)			
Lab	ppm	Molybdenum, Mo	
13	6	-1.340	
Std Dev	6	-1.000	
Median	6	0.000	
Std Dev	6	1.000	
13	6	1.340	

961 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Nickel, Ni	
55	11	0.000	
Median	11	0.000	

962 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Nickel, Ni	
61	14	-3.605	
77	13	-1.742	
Std Dev	12	-1.000	

77	12	-0.402	
75	12	-0.268	
266	12	0.000	
Median	12	0.000	
75	11	0.737	
35	11	0.938	
35	11	0.938	
Std Dev	11	1.000	
61	11	1.568	

963 Other(describe)			
Lab	ppm	Nickel, Ni	
13	14	-1.340	
Std Dev	14	-1.000	
Median	14	0.000	
Std Dev	14	1.000	
13	14	1.340	

971 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Lead, Pb	
55	9	0.000	
Median	9	0.000	

972 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Lead, Pb	
61	18	-4.850	
61	17	-4.335	
Std Dev	8	-1.000	
275	8	-0.866	
275	8	-0.631	
51	6	-0.012	
266	6	0.000	
Median	6	0.000	
35	5	0.390	
51	5	0.390	
35	4	0.792	
Std Dev	3	1.000	
77	1	1.918	
77	0	2.401	

973 Other(describe)			
Lab	ppm	Lead, Pb	
13	5	-1.340	
Std Dev	5	-1.000	

Median	5	0.000	
Std Dev	5	1.000	
	13	5	1.340

981	Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Selenium, Se	
	55	3	0.000
Median	3	0.000	

982	ICP-induc coupled plasma-AFPC IX.16.A		
Lab	ppm	Selenium, Se	
	266	2	-1.787
Std Dev	2	-1.000	
	77	2	0.000
Median	2	0.000	
	77	2	0.893

983	Other(describe)		
Lab	ppm	Selenium, Se	
	13	3	-1.340
Std Dev	3	-1.000	
Median	3	0.000	
Std Dev	3	1.000	
	13	3	1.340

991	Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Zinc, Zn	
	55	77	0.000
Median	77	0.000	

992	ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn	
	61	94	-2.635
	75	90	-2.035
Std Dev	83	-1.000	
	35	81	-0.743
	61	77	-0.109
Median	76	0.000	
	35	75	0.109
	75	75	0.144
	266	71	0.662
Std Dev	69	1.000	
	77	50	3.658

993	Other(describe)		
Lab	ppm	Zinc, Zn	
	13	77	-1.340
Std Dev	77	-1.000	
Median	75	0.000	
Std Dev	73	1.000	
	13	72	1.340