

# AFPC Rock Check Program

Sample No. 2012-11

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC IX.2.A	101	28	0.60	0.060
Other (describe)	102	2	0.51	0.026
Method Group 100		30	0.60	0.06
<b>P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC IX.3.B	201	2	29.14	0.194
ICP-induced coupled plasma AFPC IX.3.D	202	3	29.16	0.101
Photometric-AFPC IX.3.C	203	15	29.21	0.112
Automated -AOAC 978.01-15th	204	13	29.18	0.183
Other(describe)	205	2	29.31	0.157
Method Group 200		35	29.20	0.14
<b>P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC IX.3.B	211	2	29.20	0.199
ICP-induced coupled plasma AFPC IX.3.D	212	3	29.34	0.098
Photometric-AFPC IX.3.C	213	11	29.35	0.093
Automated -AOAC 978.01-15th	214	13	29.36	0.245
Other(describe)	215	1	29.72	0.000
Method Group 210		30	29.35	0.12
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.6.B	301	2	0.50	0.036
ICP-induced coupled plasma-AFPC IX.6.C	302	29	0.51	0.019
Other(describe)	303	3	0.56	0.060
Method Group 300		34	0.51	0.02
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.7.B	401			
ICP-induced coupled plasma-AFPC IX.7.C	402	29	0.84	0.198
Other(describe)	403	3	1.50	0.011
Method Group 400		32	0.84	0.20
<b>MgO</b>				
Atomic Absorption-AFPC IX.8.A	501	4	0.38	0.004
ICP-induced coupled plasma-AFPC IX.8.B	502	27	0.42	0.011
Other(describe)	503	3	0.41	0.015
Method Group 500		34	0.41	0.01
<b>Acid Insoluble</b>				
Insoluble-AFPC IX.4.A	601	19	12.29	0.485
Other(describe)	602	4	12.53	0.759
Method Group 600		23	12.29	0.51
<b>Carbon Dioxide</b>				
Gasometric-AFPC IX.13.B	651	15	3.71	0.259
Other(describe)	652	7	8.07	3.985
Method Group 650		22	3.77	0.29
<b>CaO</b>				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	18	43.65	0.337
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	43.06	0.519
EDTA Volumetric-AFPC IX.12.C	705	5	43.32	0.515
Other(describe)	706	9	43.60	0.302
Method Group 700		34	43.61	0.36
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	15	43.94	0.314
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	1	42.43	0.000
EDTA Volumetric-AFPC IX.12.C	715	5	43.58	0.647
Other(describe)	716	8	43.89	0.242
Method Group 710		28	43.89	0.34

	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	2.99	0.073
Other (describe)	803	3	3.22	0.250
Method Group 800		22	2.99	0.10
<b>Arsenic, As</b>				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	10	10.7	4.13
Other(describe)	913	2	8.4	0.62
Method Group 900		12	9.6	3.65
<b>Cadmium, Cd</b>				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	17	89	10.1
Other(describe)	923	1	97	0.0
Method Group 910		18	89	8.9
<b>Cobalt, Co</b>				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	14	1	0.4
Other(describe)	933	1	2	0.0
Method Group 920		15	1	0.5
<b>Mercury, Hg</b>				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	4	0.2	0.07
Other(describe)	943	1		0.00
Method Group 930		5	0.2	0.17
<b>Molybdenum, Mo</b>				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	11	8	1.3
Other(describe)	953	1	10	0.0
Method Group 940		12	8	1.7
<b>Nickel, Ni</b>				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	15	86	6.4
Other(describe)	963	2	101	3.3
Method Group 950		17	87	6.6
<b>Lead, Pb</b>				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	13	7	2.0
Other(describe)	973	1	5	0.0
Method Group 960		14	7	2.0
<b>Selenium, Se</b>				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	4	11	9.8
Other(describe)	983	1	15	0.0
Method Group 970		5	13	4.9
<b>Zinc, Zn</b>				
Atomic Absorption-AFPC IX.16.B	991	1	758	0
ICP-induced coupled plasma-AFPC IX.16.A	992	13	747	53
Other(describe)	993	3	701	71
Method Group 980		17	747	53

101 Ground Sample AFPC IX.2.A			
Lab	%	H <sub>2</sub> O	
21	0.87	-4.523	
6	0.83	-3.769	
13	0.71	-1.843	
69	0.68	-1.340	
16	0.67	-1.173	
13	0.67	-1.089	
15	0.66	-1.005	
<b>Std Dev</b>	<b>0.66</b>	<b>-1.000</b>	
9	0.65	-0.754	
10	0.64	-0.586	
10	0.63	-0.419	
15	0.63	-0.419	
9	0.62	-0.335	
24	0.62	-0.335	
16	0.60	0.000	
21	0.60	0.000	
266	0.60	0.000	
<b>Median</b>	<b>0.60</b>	<b>0.000</b>	
24	0.60	0.084	
49	0.59	0.168	
61	0.59	0.168	
75	0.59	0.168	
26	0.57	0.503	
75	0.57	0.586	
35	0.56	0.670	
<b>Std Dev</b>	<b>0.54</b>	<b>1.000</b>	
61	0.51	1.591	
77	0.21	6.533	
77	0.17	7.203	
241	0.17	7.203	
35	0.14	7.655	

  

102 Other (describe)			
Lab	%	H <sub>2</sub> O	
275	0.54	-1.340	
<b>Std Dev</b>	<b>0.53</b>	<b>-1.000</b>	
<b>Median</b>	<b>0.51</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>0.48</b>	<b>1.000</b>	
275	0.47	1.340	

  

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
77	29.40	-1.340	
<b>Std Dev</b>	<b>29.33</b>	<b>-1.000</b>	
<b>Median</b>	<b>29.14</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>28.95</b>	<b>1.000</b>	
241	28.88	1.340	

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
266	29.27	-1.092	
<b>Std Dev</b>	<b>29.26</b>	<b>-1.000</b>	
10	29.16	0.000	
<b>Median</b>	<b>29.16</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>29.06</b>	<b>1.000</b>	
10	29.00	1.588	

  

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
35	29.38	-1.519	
9	29.35	-1.251	
<b>Std Dev</b>	<b>29.32</b>	<b>-1.000</b>	
35	29.31	-0.893	
270	29.31	-0.893	
26	29.27	-0.536	
78	29.23	-0.134	
9	29.22	-0.089	
275	29.21	0.000	
<b>Median</b>	<b>29.21</b>	<b>0.000</b>	
78	29.20	0.089	
16	29.15	0.536	
49	29.14	0.625	
275	29.14	0.625	
16	29.10	0.983	
<b>Std Dev</b>	<b>29.10</b>	<b>1.000</b>	
6	28.76	4.020	
60	28.65	5.003	

  

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
15	29.83	-3.528	
15	29.82	-3.473	
<b>Std Dev</b>	<b>29.36</b>	<b>-1.000</b>	
13	29.36	-0.957	
21	29.28	-0.520	
77	29.25	-0.383	

61	29.25	-0.356	
13	29.18	0.000	
21	29.18	0.000	
<b>Median</b>	<b>29.18</b>	<b>0.000</b>	
61	29.13	0.273	
24	29.03	0.820	
<b>Std Dev</b>	<b>29.00</b>	<b>1.000</b>	
75	28.96	1.231	
75	28.92	1.449	
24	28.87	1.696	

  

205 Other(describe)			
Lab	%	P2O5	
69	29.52	-1.340	
<b>Std Dev</b>	<b>29.47</b>	<b>-1.000</b>	
<b>Median</b>	<b>29.31</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>29.15</b>	<b>1.000</b>	
19	29.10	1.340	

  

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
77	29.46	-1.340	
<b>Std Dev</b>	<b>29.39</b>	<b>-1.000</b>	
<b>Median</b>	<b>29.20</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>29.00</b>	<b>1.000</b>	
241	28.93	1.340	

  

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
266	29.45	-1.059	
<b>Std Dev</b>	<b>29.44</b>	<b>-1.000</b>	
10	29.34	0.000	
<b>Median</b>	<b>29.34</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>29.25</b>	<b>1.000</b>	
10	29.19	1.621	

  

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
9	29.53	-1.995	
35	29.48	-1.370	
<b>Std Dev</b>	<b>29.44</b>	<b>-1.000</b>	
26	29.44	-0.968	
35	29.42	-0.799	
9	29.41	-0.665	

275	29.35	0.000	
<b>Median</b>	<b>29.35</b>	<b>0.000</b>	
16	29.33	0.237	
49	29.31	0.377	
275	29.30	0.536	
16	29.30	0.557	
<b>Std Dev</b>	<b>29.26</b>	<b>1.000</b>	
6	29.00	3.757	

  

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
15	30.01	-2.683	
15	30.01	-2.680	
<b>Std Dev</b>	<b>29.60</b>	<b>-1.000</b>	
13	29.56	-0.852	
21	29.53	-0.718	
61	29.39	-0.152	
13	29.38	-0.078	
21	29.36	0.000	
<b>Median</b>	<b>29.36</b>	<b>0.000</b>	
61	29.30	0.217	
77	29.30	0.230	
24	29.20	0.622	
75	29.12	0.966	
<b>Std Dev</b>	<b>29.11</b>	<b>1.000</b>	
75	29.09	1.101	
24	29.05	1.250	

  

215 Other(describe)			
Lab	%	P2O5	dB
69	29.72	0.000	
<b>Median</b>	<b>29.72</b>	<b>0.000</b>	

  

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
241	0.55	-1.340	
<b>Std Dev</b>	<b>0.53</b>	<b>-1.000</b>	
<b>Median</b>	<b>0.50</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>0.46</b>	<b>1.000</b>	
60	0.45	1.340	

  

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
69	0.70	-9.916	

35	0.58	-3.752
61	0.55	-2.144
270	0.55	-2.144
266	0.54	-1.608
61	0.54	-1.340
78	0.53	-1.072
275	0.53	-1.072
Std Dev	0.53	-1.000
78	0.53	-0.804
16	0.52	-0.536
21	0.52	-0.536
75	0.52	-0.288
9	0.52	-0.268
75	0.51	-0.253
10	0.51	0.000
13	0.51	0.000
13	0.51	0.000
15	0.51	0.000
16	0.51	0.000
21	0.51	0.000
49	0.51	0.000
Median	0.51	0.000
6	0.51	0.268
15	0.51	0.268
9	0.50	0.536
10	0.50	0.536
Std Dev	0.49	1.000
24	0.49	1.340
24	0.49	1.340
275	0.46	2.680
35	0.38	6.968

303 Other(describe)		
Lab	%	Fe2O3
77	0.61	-0.837
77	0.56	0.000
Median	0.56	0.000
Std Dev	0.50	1.000
19	0.45	1.843

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
Median	0.00	0.000

402 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Al2O3	
78	1.65	-4.096	
78	1.63	-4.020	
266	1.63	-4.020	
61	1.15	-1.593	
61	1.13	-1.466	
275	1.05	-1.087	
35	1.04	-1.037	
69	1.04	-1.037	
Std Dev	1.03	-1.000	
275	1.03	-0.986	
21	0.91	-0.354	
49	0.85	-0.076	
75	0.85	-0.072	
15	0.84	-0.025	
9	0.84	0.000	
15	0.84	0.000	
24	0.84	0.000	
Median	0.84	0.000	
24	0.83	0.025	
21	0.82	0.076	
6	0.82	0.101	
75	0.81	0.104	
9	0.81	0.126	
270	0.78	0.303	
16	0.71	0.632	
16	0.71	0.632	
10	0.70	0.708	
10	0.68	0.784	
35	0.65	0.935	
Std Dev	0.64	1.000	
13	0.60	1.214	
13	0.60	1.214	

403 Other(describe)			
Lab	%	Al2O3	
77	1.52	-1.787	
Std Dev	1.51	-1.000	
19	1.50	0.000	
Median	1.50	0.000	
77	1.49	0.893	

501 Atomic Absorption-AFPC IX.8.A			
Lab	%	MgO	
35	0.39	-2.532	
Std Dev	0.38	-1.000	
60	0.38	-0.074	
Median	0.38	0.000	
241	0.38	0.074	
Std Dev	0.38	1.000	
35	0.37	2.385	

502 ICP-induced coupled plasma-AFPC IX.8.B			
Lab	%	MgO	
69	0.58	-14.293	
61	0.45	-3.127	
275	0.45	-3.127	
61	0.44	-2.233	
49	0.43	-1.340	
275	0.43	-1.340	
Std Dev	0.43	-1.000	
78	0.43	-0.893	
78	0.43	-0.893	
9	0.42	-0.447	
9	0.42	-0.447	
16	0.42	-0.447	
24	0.42	-0.447	
266	0.42	-0.447	
10	0.42	0.000	
13	0.42	0.000	
13	0.42	0.000	
21	0.42	0.000	
Median	0.42	0.000	
6	0.41	0.447	
10	0.41	0.447	
15	0.41	0.447	
15	0.41	0.447	
16	0.41	0.447	
21	0.41	0.447	
24	0.41	0.447	
Std Dev	0.40	1.000	
75	0.38	3.074	
75	0.38	3.303	
270	0.36	5.271	

503 Other(describe)			
Lab	%	MgO	
19	0.41	0.000	
77	0.41	0.000	
Median	0.41	0.000	
Std Dev	0.40	1.000	
77	0.37	2.680	

601 Insoluble-AFPC IX.4.A			
Lab	%	Al	
15	14.52	-4.608	
15	14.50	-4.566	
13	12.95	-1.371	
Std Dev	12.77	-1.000	
10	12.68	-0.804	
16	12.67	-0.794	
16	12.63	-0.711	
10	12.62	-0.691	
49	12.44	-0.320	
24	12.42	-0.278	
9	12.29	0.000	
Median	12.29	0.000	
21	12.26	0.052	
13	12.23	0.124	
9	12.22	0.134	
24	12.16	0.268	
21	11.85	0.907	
Std Dev	11.80	1.000	
35	11.76	1.082	
6	11.50	1.618	
35	11.16	2.319	
69	1.30	22.646	

602 Other(describe)			
Lab	%	Al	
266	13.20	-0.882	
19	12.94	-0.540	

651 Gasometric-AFPC IX.13.B			
Lab	%	CO2	
6	4.50	-3.037	
Std Dev	3.97	-1.000	
21	3.96	-0.954	
9	3.88	-0.665	
9	3.88	-0.665	

21	3.85	-0.549
49	3.81	-0.395
13	3.72	-0.048
61	3.71	0.000
<b>Median</b>	<b>3.71</b>	<b>0.000</b>
77	3.67	0.145
24	3.60	0.434
61	3.58	0.511
69	3.46	0.954
<b>Std Dev</b>	<b>3.45</b>	<b>1.000</b>
13	3.35	1.398
15	3.27	1.687
15	3.27	1.687

652 Other(describe)			
Lab	%	CO2	
78	10.19	-0.531	
78	10.04	-0.494	
35	8.21	-0.035	
35	8.07	0.000	
<b>Median</b>	<b>8.07</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>4.08</b>	<b>1.000</b>	
275	3.97	1.029	
275	3.60	1.122	
266	2.88	1.302	

701 Gravimetric sulfate-AFPC IX.12.A			
Lab	%	CaO	
<b>Median</b>	<b>0.00</b>	<b>0.000</b>	

702 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	
69	60.00	-48.505	
61	46.10	-7.275	
<b>Std Dev</b>	<b>43.98</b>	<b>-1.000</b>	
21	43.90	-0.749	
270	43.87	-0.660	
21	43.85	-0.601	
49	43.85	-0.601	
10	43.80	-0.438	
9	43.78	-0.378	
16	43.68	-0.096	
<b>Median</b>	<b>43.65</b>	<b>0.000</b>	
10	43.62	0.096	

16	43.48	0.497
9	43.46	0.556
75	43.46	0.568
75	43.38	0.796
<b>Std Dev</b>	<b>43.31</b>	<b>1.000</b>
61	43.15	1.476
6	42.67	2.900
78	42.65	2.974
78	42.31	3.982

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

704 Permanganate			
Lab	%	CaO	
60	43.75	-1.340	
<b>Std Dev</b>	<b>43.57</b>	<b>-1.000</b>	
<b>Median</b>	<b>43.06</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>42.54</b>	<b>1.000</b>	
241	42.36	1.340	

705 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	
275	44.61	-2.505	
275	44.00	-1.321	
<b>Std Dev</b>	<b>43.83</b>	<b>-1.000</b>	
266	43.32	0.000	
<b>Median</b>	<b>43.32</b>	<b>0.000</b>	
35	43.31	0.019	
35	43.07	0.486	

706 Other(describe)			
Lab	%	CaO	
77	43.80	-0.662	
15	43.74	-0.463	
13	43.72	-0.380	
15	43.68	-0.265	
77	43.60	0.000	
<b>Median</b>	<b>43.60</b>	<b>0.000</b>	
13	43.60	0.017	
24	43.31	0.960	
<b>Std Dev</b>	<b>43.30</b>	<b>1.000</b>	
24	43.26	1.125	

19	43.00	1.985
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711 Gravimetric sulfate-AFPC IX.12.A			
Lab	%	CaO	dB
<b>Median</b>	<b>0.00</b>	<b>0.000</b>	

712 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	dB
69	60.41	-52.464	
61	46.37	-7.742	
<b>Std Dev</b>	<b>44.26</b>	<b>-1.000</b>	
21	44.23	-0.928	
21	44.16	-0.705	
49	44.11	-0.531	
10	44.07	-0.404	
9	44.06	-0.368	
16	43.94	0.000	
<b>Median</b>	<b>43.94</b>	<b>0.000</b>	
10	43.89	0.159	
16	43.77	0.543	
9	43.73	0.677	
75	43.70	0.767	
75	43.64	0.979	
<b>Std Dev</b>	<b>43.63</b>	<b>1.000</b>	
61	43.37	1.831	
6	43.02	2.927	

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

714 Permanganate			
Lab	%	CaO	dB
241	42.43	0.000	
<b>Median</b>	<b>42.43</b>	<b>0.000</b>	

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
275	44.82	-1.915	
275	44.24	-1.016	
<b>Std Dev</b>	<b>44.23</b>	<b>-1.000</b>	
266	43.58	0.000	
<b>Median</b>	<b>43.58</b>	<b>0.000</b>	
35	43.37	0.324	

35	43.31	0.416
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716 Other(describe)			
Lab	%	CaO	dB
15	44.03	-0.582	
13	44.03	-0.569	
15	43.95	-0.269	
77	43.89	-0.011	
<b>Median</b>	<b>43.89</b>	<b>0.000</b>	
13	43.89	0.011	
77	43.67	0.888	
<b>Std Dev</b>	<b>43.65</b>	<b>1.000</b>	
24	43.57	1.321	
24	43.53	1.483	

801 Volumetric-AFPC IX.14.A			
Lab	%	Fluorine, F	
<b>Median</b>	<b>0.00</b>	<b>0.000</b>	

802 Specific Ion Electrode-AFPC IX.14.B			
Lab	%	Fluorine, F	
69	3.25	-3.573	
35	3.22	-3.161	
35	3.19	-2.749	
49	3.07	-1.099	
275	3.07	-1.099	
<b>Std Dev</b>	<b>3.06</b>	<b>-1.000</b>	
9	3.03	-0.481	
21	3.02	-0.344	
13	3.00	-0.137	
13	2.99	0.000	
24	2.99	0.000	
24	2.99	0.000	
75	2.99	0.000	
<b>Median</b>	<b>2.99</b>	<b>0.000</b>	
21	2.99	0.069	
9	2.97	0.275	
75	2.93	0.825	
<b>Std Dev</b>	<b>2.92</b>	<b>1.000</b>	
275	2.85	1.924	
15	2.79	2.817	
15	2.78	2.886	
266	2.68	4.261	

803 Other(describe)			
Lab	%	Fluorine, F	
77	3.25		-0.120
77	3.22		0.000
<b>Median</b>	<b>3.22</b>		<b>0.000</b>
<b>Std Dev</b>	<b>2.97</b>		<b>1.000</b>
19	2.58		2.560

911 Atomic Absorption-AFPC			
Lab	ppm	Arsenic, As	
<b>Median</b>	<b>0.0</b>		<b>0.000</b>

912 ICP-induced coupled plasma-AFPC IX.15.B			
Lab	ppm	Arsenic, As	
61	15.4		-1.134
<b>Std Dev</b>	<b>14.8</b>		<b>-1.000</b>
61	14.5		-0.916
78	14.4		-0.892
78	12.5		-0.420
24	11.4		-0.173
<b>Median</b>	<b>10.7</b>		<b>0.000</b>
69	10.0		0.173
266	8.9		0.439
270	8.2		0.609
<b>Std Dev</b>	<b>6.6</b>		<b>1.000</b>
35	4.0		1.625
35	4.0		1.625

913 Other(describe)			
Lab	ppm	Arsenic, As	
13	9.3		-1.340
<b>Std Dev</b>	<b>9.0</b>		<b>-1.000</b>
<b>Median</b>	<b>8.4</b>		<b>0.000</b>
<b>Std Dev</b>	<b>7.8</b>		<b>1.000</b>
77	7.6		1.340

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

922 ICP-induced coupled plasma-AFPC IX.11.B			
Lab	ppm	Cadmium, Cd	
69	113		-2.315
<b>Std Dev</b>	<b>99</b>		<b>-1.000</b>

24	92		-0.335
24	92		-0.310
270	92		-0.276
61	92		-0.246
61	91		-0.197
78	90		-0.105
77	89		0.000
77	89		0.000
<b>Median</b>	<b>89</b>		<b>0.000</b>
78	88		0.105
75	86		0.266
75	85		0.369
<b>Std Dev</b>	<b>79</b>		<b>1.000</b>
275	78		1.094
275	78		1.123
266	75		1.399
35	67		2.168
35	67		2.168

923 Other(describe)			
Lab	ppm	Cadmium, Cd	
13	97		0.000
<b>Median</b>	<b>97</b>		<b>0.000</b>

931 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Cobalt, Co	
<b>Median</b>	<b>0</b>		<b>0.000</b>

932 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Cobalt, Co	
69	4		-6.010
35	2		-2.208
270	2		-1.349
266	2		-1.227
<b>Std Dev</b>	<b>2</b>		<b>-1.000</b>
61	1		-0.699
24	1		-0.491
61	1		-0.245
<b>Median</b>	<b>1</b>		<b>0.000</b>
35	1		0.245
77	1		0.245
77	1		0.245
78	1		0.245
78	1		0.245

<b>Std Dev</b>	<b>1</b>		<b>1.000</b>
75	0		2.208
75	0		2.453

933 Other(describe)			
Lab	ppm	Cobalt, Co	
13	2		0.000
<b>Median</b>	<b>2</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	
69	<0.1		0.000
266	0.3		-1.098
<b>Std Dev</b>	<b>0.3</b>		<b>-1.000</b>
270	0.2		-0.239
<b>Median</b>	<b>0.2</b>		<b>0.000</b>
35	0.2		0.239
<b>Std Dev</b>	<b>0.1</b>		<b>1.000</b>
35	0.0		2.830

943 Other(describe)			
Lab	ppm	Mercury, Hg	
13	0.0		0.000
<b>Median</b>	<b>0.0</b>		<b>0.000</b>

951 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Molybdenum, Mo	
<b>Median</b>	<b>0</b>		<b>0.000</b>

952 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Molybdenum, Mo	
61	77		-52.377
69	19		-8.411
<b>Std Dev</b>	<b>9</b>		<b>-1.000</b>
61	9		-0.845
270	8		-0.344
266	8		-0.015
77	8		0.000
<b>Median</b>	<b>8</b>		<b>0.000</b>
78	7		0.650

78	7		0.726
24	7		0.765
24	7		0.765
77	7		0.765

953 Other(describe)			
Lab	ppm	Iolybdenum, Mo	
13	10		0.000
<b>Median</b>	<b>10</b>		<b>0.000</b>

961 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Nickel, Ni	
<b>Median</b>	<b>0</b>		<b>0.000</b>

962 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Nickel, Ni	
69	107		-3.285
61	94		-1.242
61	93		-1.085
<b>Std Dev</b>	<b>92</b>		<b>-1.000</b>
78	92		-0.927
77	91		-0.770
78	91		-0.770
270	87		-0.141
75	86		0.000
<b>Median</b>	<b>86</b>		<b>0.000</b>
77	86		0.016
75	86		0.071
266	84		0.299
24	82		0.684
<b>Std Dev</b>	<b>80</b>		<b>1.000</b>
24	79		1.124
35	68		2.845
35	67		3.002

963 Other(describe)			
Lab	ppm	Nickel, Ni	
19	105		-1.340
<b>Std Dev</b>	<b>104</b>		<b>-1.000</b>
<b>Median</b>	<b>101</b>		<b>0.000</b>
<b>Std Dev</b>	<b>97</b>		<b>1.000</b>
13	96		1.340

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

972 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Lead, Pb	
69	<0.1		0.000
61	12		-2.472
270	11		-2.101
Std Dev	9		-1.000
61	8		-0.596
266	8		-0.499
35	8		-0.494
35	8		-0.494
77	7		0.000
Median	7		0.000
77	6		0.494
24	6		0.519
275	5		0.841
275	5		0.841
Std Dev	5		1.000
78	1		2.843
78	1		3.090

973 Other(describe)			
Lab	ppm	Lead, Pb	
13	5		0.000
Median	5		0.000

981 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Selenium, Se	
Median	0		0.000

982 ICP-induc coupled plasma-AFPC IX.16.A			
Lab	ppm	Selenium, Se	
69	47		-3.659
Std Dev	21		-1.000
266	13		-0.230
Median	11		0.000
61	9		0.230
61	8		0.321

983 Other(describe)			
Lab	ppm	Selenium, Se	

13	15		0.000
Median	15		0.000

991 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Zinc, Zn	
60	758		0.000
Median	758		0.000

992 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Zinc, Zn	
61	829		-1.538
61	824		-1.453
Std Dev	800		-1.000
69	776		-0.538
77	765		-0.340
78	748		-0.019
78	748		-0.009
77	747		0.000
Median	747		0.000
75	736		0.212
75	735		0.232
Std Dev	694		1.000
270	694		1.000
266	670		1.453
35	563		3.473
35	548		3.756

993 Other(describe)			
Lab	ppm	Zinc, Zn	
13	816		-1.631
Std Dev	772		-1.000
19	701		0.000
Median	701		0.000
Std Dev	630		1.000
19	627		1.049