

# AFPC Rock Check Program

Sample No. 2012-05

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC IX.2.A	101	24	0.61	0.113
Other (describe)	102			
Method Group 100		24	0.61	0.11
<b>P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC IX.3.B	201	2	29.69	0.519
ICP-induced coupled plasma AFPC IX.3.D	202	5	29.15	0.067
Photometric-AFPC IX.3.C	203	11	29.17	0.155
Automated -AOAC 978.01-15th	204	11	29.04	0.203
Other(describe)	205	1	28.42	0.000
Method Group 200		30	29.11	0.20
<b>P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC IX.3.B	211	2	29.83	0.569
ICP-induced coupled plasma AFPC IX.3.D	212	5	29.31	0.070
Photometric-AFPC IX.3.C	213	6	29.45	0.200
Automated -AOAC 978.01-15th	214	11	29.24	0.236
Other(describe)	215			
Method Group 210		24	29.36	0.22
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.6.B	301	2	0.42	0.054
ICP-induced coupled plasma-AFPC IX.6.C	302	25	0.52	0.015
Other(describe)	303	3	0.56	0.049
Method Group 300		30	0.52	0.02
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC IX.7.B	401	2	0.96	0.075
ICP-induced coupled plasma-AFPC IX.7.C	402	25	0.81	0.153
Other(describe)	403	3	1.51	0.037
Method Group 400		30	0.85	0.21
<b>MgO</b>				
Atomic Absorption-AFPC IX.8.A	501	4	0.41	0.027
ICP-induced coupled plasma-AFPC IX.8.B	502	23	0.43	0.019
Other(describe)	503	3	0.41	0.007
Method Group 500		30	0.42	0.02
<b>Acid Insoluble</b>				
Insoluble-AFPC IX.4.A	601	16	12.49	0.294
Other(describe)	602	2	13.19	0.384
Method Group 600		18	12.51	0.26
<b>Carbon Dioxide</b>				
Gasometric-AFPC IX.13.B	651	12	3.60	0.105
Other(describe)	652	5	2.86	4.754
Method Group 650		17	3.59	0.22
<b>CaO</b>				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	15	43.90	0.632
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	44.42	0.138
EDTA Volumetric-AFPC IX.12.C	705	3	43.91	0.261
Other(describe)	706	9	43.60	0.187
Method Group 700		29	43.77	0.52
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	10	44.00	0.299
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	2	44.70	0.154
EDTA Volumetric-AFPC IX.12.C	715	3	44.35	0.239
Other(describe)	716	8	43.86	0.306
Method Group 710		23	44.00	0.40

	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	16	3.02	0.057
Other( describe)	803	3	2.96	0.049
Method Group 800		19	3.00	0.06
<b>Arsenic, As</b>				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	10	11.0	3.68
Other(describe)	913	2	10.9	1.60
Method Group 900		12	11.0	3.45
<b>Cadmium, Cd</b>				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	14	85	11.0
Other(describe)	923	1	90	0.0
Method Group 910		15	85	10.4
<b>Cobalt, Co</b>				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	11	1	0.4
Other(describe)	933	1	2	0.0
Method Group 920		12	1	0.5
<b>Mercury, Hg</b>				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	4	0.1	0.18
Other(describe)	943	1	0.2	0.00
Method Group 930		5	0.2	0.16
<b>Molybdenum, Mo</b>				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	9	8	1.2
Other(describe)	953	1	9	0.0
Method Group 940		10	8	1.5
<b>Nickel, Ni</b>				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	13	85	3.9
Other(describe)	963	3	91	20.9
Method Group 950		16	85	4.8
<b>Lead, Pb</b>				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	10	7	3.1
Other(describe)	973	1	6	0.0
Method Group 960		11	6	2.8
<b>Selenium, Se</b>				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	6	9	2.9
Other(describe)	983	1	15	0.0
Method Group 970		7	10	4.0
<b>Zinc, Zn</b>				
Atomic Absorption-AFPC IX.16.B	991			
ICP-induced coupled plasma-AFPC IX.16.A	992	12	736	53
Other(describe)	993	3	727	67
Method Group 980		15	732	56

101 Ground Sample AFPC IX.2.A			
Lab	%	H <sub>2</sub> O	
266	1.00	-3.500	
13	0.81	-1.816	
9	0.73	-1.107	
<b>Std Dev</b>	<b>0.72</b>	<b>-1.000</b>	
15	0.72	-0.975	
13	0.71	-0.930	
15	0.70	-0.842	
241	0.69	-0.753	
24	0.66	-0.487	
24	0.66	-0.487	
10	0.64	-0.310	
16	0.63	-0.221	
16	0.61	-0.044	
<b>Median</b>	<b>0.61</b>	<b>0.000</b>	
30	0.60	0.044	
49	0.60	0.044	
9	0.59	0.133	
35	0.58	0.221	
75	0.56	0.399	
75	0.55	0.532	
10	0.53	0.664	
<b>Std Dev</b>	<b>0.49</b>	<b>1.000</b>	
61	0.47	1.196	
61	0.47	1.240	
35	0.44	1.462	
77	0.28	2.879	
77	0.26	3.057	

102 Other (describe)			
Lab	%	H <sub>2</sub> O	
<b>Median</b>	<b>0.00</b>	<b>0.000</b>	

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
241	30.38	-1.340	
<b>Std Dev</b>	<b>30.20</b>	<b>-1.000</b>	
<b>Median</b>	<b>29.69</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>29.17</b>	<b>1.000</b>	
77	28.99	1.340	

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

16	29.22	-1.042	
<b>Std Dev</b>	<b>29.22</b>	<b>-1.000</b>	
10	29.20	-0.744	
10	29.15	0.000	
<b>Median</b>	<b>29.15</b>	<b>0.000</b>	
16	29.11	0.596	
<b>Std Dev</b>	<b>29.08</b>	<b>1.000</b>	
266	28.66	7.296	

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
35	30.10	-6.006	
35	29.67	-3.229	
<b>Std Dev</b>	<b>29.32</b>	<b>-1.000</b>	
9	29.28	-0.678	
30	29.27	-0.646	
9	29.24	-0.452	
49	29.17	0.000	
<b>Median</b>	<b>29.17</b>	<b>0.000</b>	
92	29.10	0.452	
270	29.07	0.646	
78	29.06	0.710	
<b>Std Dev</b>	<b>29.02</b>	<b>1.000</b>	
92	29.00	1.098	
78	28.53	4.165	

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
15	29.57	-2.606	
15	29.55	-2.532	
24	29.29	-1.229	
<b>Std Dev</b>	<b>29.24</b>	<b>-1.000</b>	
24	29.18	-0.713	
13	29.07	-0.172	
13	29.04	0.000	
<b>Median</b>	<b>29.04</b>	<b>0.000</b>	
75	29.02	0.074	
61	29.00	0.172	
75	28.92	0.566	
77	28.88	0.762	
<b>Std Dev</b>	<b>28.83</b>	<b>1.000</b>	
61	28.80	1.156	

205 Other(describe)			
Lab	%	P2O5	
19	28.42	0.000	
<b>Median</b>	<b>28.42</b>	<b>0.000</b>	

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
241	30.59	-1.340	
<b>Std Dev</b>	<b>30.40</b>	<b>-1.000</b>	
<b>Median</b>	<b>29.83</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>29.26</b>	<b>1.000</b>	
77	29.07	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
16	29.40	-1.347	
10	29.39	-1.186	
<b>Std Dev</b>	<b>29.38</b>	<b>-1.000</b>	
10	29.31	0.000	
<b>Median</b>	<b>29.31</b>	<b>0.000</b>	
16	29.29	0.154	
<b>Std Dev</b>	<b>29.24</b>	<b>1.000</b>	
266	28.95	5.098	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
35	30.28	-4.128	
35	29.80	-1.750	
<b>Std Dev</b>	<b>29.65</b>	<b>-1.000</b>	
9	29.46	-0.016	
<b>Median</b>	<b>29.45</b>	<b>0.000</b>	
9	29.45	0.016	
30	29.45	0.026	
49	29.35	0.530	

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
15	29.77	-2.245	
15	29.76	-2.200	
24	29.48	-1.002	
<b>Std Dev</b>	<b>29.48</b>	<b>-1.000</b>	
24	29.37	-0.555	
13	29.31	-0.274	
13	29.24	0.000	

<b>Median</b>	<b>29.24</b>	<b>0.000</b>	
75	29.18	0.269	
61	29.14	0.447	
75	29.08	0.676	
<b>Std Dev</b>	<b>29.01</b>	<b>1.000</b>	
77	28.96	1.191	
61	28.93	1.303	

215 Other(describe)			
Lab	%	P2O5	dB
<b>Median</b>	<b>0.00</b>	<b>0.000</b>	

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
241	0.49	-1.340	
<b>Std Dev</b>	<b>0.48</b>	<b>-1.000</b>	
<b>Median</b>	<b>0.42</b>	<b>0.000</b>	
<b>Std Dev</b>	<b>0.37</b>	<b>1.000</b>	
30	0.35	1.340	

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
266	0.58	-4.355	
78	0.57	-3.685	
78	0.57	-3.350	
61	0.56	-2.680	
35	0.54	-1.675	
15	0.53	-1.005	
35	0.53	-1.005	
270	0.53	-1.005	
<b>Std Dev</b>	<b>0.53</b>	<b>-1.000</b>	
15	0.53	-0.670	
16	0.52	-0.335	
49	0.52	-0.335	
61	0.52	-0.335	
9	0.52	0.000	
9	0.52	0.000	
10	0.52	0.000	
<b>Median</b>	<b>0.52</b>	<b>0.000</b>	
75	0.51	0.028	
75	0.51	0.205	
10	0.51	0.335	
16	0.51	0.335	
24	0.51	0.335	

13	0.51	0.670
Std Dev	0.50	1.000
13	0.50	1.005
24	0.50	1.005
92	0.50	1.005
92	0.50	1.005

303 Other(describe)		
Lab	%	Fe2O3
77	0.57	-0.206
77	0.56	0.000
Median	0.56	0.000
Std Dev	0.51	1.000
19	0.44	2.474

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
30	1.06	-1.340
Std Dev	1.03	-1.000
Median	0.96	0.000
Std Dev	0.89	1.000
241	0.86	1.340

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
78	1.67	-5.589
266	1.66	-5.556
78	1.65	-5.491
61	1.22	-2.647
Std Dev	0.96	-1.000
15	0.93	-0.784
15	0.93	-0.784
61	0.93	-0.752
35	0.88	-0.458
24	0.88	-0.425
35	0.87	-0.392
9	0.85	-0.229
270	0.84	-0.163
9	0.81	0.000
Median	0.81	0.000
24	0.81	0.033
49	0.80	0.065
92	0.79	0.131
92	0.77	0.261

10	0.74	0.490
16	0.72	0.588
10	0.69	0.784
16	0.68	0.850
75	0.67	0.930
75	0.66	0.968
Std Dev	0.66	1.000
13	0.59	1.438
13	0.52	1.896

403 Other(describe)		
Lab	%	Al2O3
19	1.60	-2.412
Std Dev	1.55	-1.000
77	1.51	0.000
Median	1.51	0.000
77	1.50	0.268

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
30	0.48	-2.571
Std Dev	0.44	-1.000
241	0.42	-0.346
Median	0.41	0.000
35	0.40	0.346
35	0.39	0.711

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
92	0.51	-4.288
92	0.50	-3.752
13	0.47	-2.144
78	0.47	-1.876
15	0.45	-1.072
61	0.45	-1.072
Std Dev	0.45	-1.000
24	0.44	-0.536
49	0.44	-0.536
61	0.44	-0.536
78	0.44	-0.536
15	0.44	-0.268
9	0.43	0.000
266	0.43	0.000
Median	0.43	0.000

9	0.43	0.268
10	0.42	0.536
16	0.42	0.536
16	0.42	0.536
24	0.42	0.536
Std Dev	0.41	1.000
10	0.41	1.072
13	0.39	2.144
270	0.38	2.680
75	0.38	2.710
75	0.37	3.150

503 Other(describe)		
Lab	%	MgO
77	0.41	0.000
77	0.41	0.000
Median	0.41	0.000
Std Dev	0.40	1.000
19	0.39	2.680

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
15	15.04	-8.661
15	14.98	-8.474
Std Dev	12.78	-1.000
30	12.74	-0.851
16	12.69	-0.681
9	12.68	-0.630
10	12.65	-0.527
16	12.51	-0.068
49	12.50	-0.034
Median	12.49	0.000
24	12.48	0.034
24	12.41	0.272
10	12.34	0.527
13	12.34	0.527
Std Dev	12.20	1.000
9	12.14	1.208
35	11.95	1.838
13	11.82	2.297
35	11.44	3.573

602 Other(describe)		
Lab	%	Al

266	13.70	-1.340
Std Dev	13.57	-1.000

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
61	3.80	-1.897
77	3.75	-1.470
Std Dev	3.70	-1.000
61	3.69	-0.854
9	3.67	-0.712
13	3.62	-0.190
24	3.61	-0.095
Median	3.60	0.000
13	3.59	0.095
9	3.56	0.332
49	3.54	0.522
30	3.51	0.806
Std Dev	3.49	1.000
15	3.40	1.897
15	3.38	2.040

652 Other(describe)		
Lab	%	CO2
35	7.91	-1.062
Std Dev	7.61	-1.000
35	7.60	-0.997
266	2.86	0.000
Median	2.86	0.000
78	1.23	0.343
78	1.23	0.343

701 Gravimetric sulfate-AFPC IX.12.A		
Lab	%	CaO
Median	0.00	0.000

702 ICP-induced coupled plasma-AFPC IX.12.I		
Lab	%	CaO
78	46.25	-3.716
78	45.37	-2.332
61	45.32	-2.253
92	44.58	-1.083
Std Dev	44.53	-1.000
92	44.51	-0.972
9	43.95	-0.079
270	43.92	-0.032

9	43.90	0.000
Median	43.90	0.000
10	43.79	0.174
16	43.73	0.261
16	43.72	0.277
10	43.68	0.348
49	43.43	0.735
Std Dev	43.26	1.000
75	41.34	4.037
75	41.34	4.048

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

704 Permanganate		
Lab	%	CaO
241	44.60	-1.340
Std Dev	44.55	-1.000
Median	44.42	0.000
Std Dev	44.28	1.000
30	44.23	1.340

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
35	44.28	-1.417
Std Dev	44.17	-1.000
266	43.91	0.000
Median	43.91	0.000
Std Dev	43.65	1.000
35	43.58	1.263

706 Other(describe)		
Lab	%	CaO
77	44.30	-3.752
Std Dev	43.79	-1.000
15	43.77	-0.884
15	43.75	-0.804
24	43.62	-0.107
19	43.60	0.000
Median	43.60	0.000
24	43.52	0.456
77	43.50	0.536
Std Dev	43.41	1.000

13	43.32	1.528
13	43.21	2.090

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	45.53		-5.137
Std Dev	44.30		-1.000
9	44.22		-0.736
9	44.21		-0.696
10	44.02		-0.069
16	44.00		-0.002
Median	44.00		0.000
16	44.00		0.002
10	43.96		0.139
Std Dev	43.70		1.000
49	43.69		1.022
75	41.57		8.102
75	41.56		8.146

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

714 Permanganate			
Lab	%	CaO	dB
241	44.91		-1.340
Std Dev	44.86		-1.000
Median	44.70		0.000
Std Dev	44.55		1.000
30	44.50		1.340

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
35	44.48		-0.510
266	44.35		0.000
Median	44.35		0.000
Std Dev	44.11		1.000
35	43.83		2.170

716 Other(describe)			
Lab	%	CaO	dB
77	44.42		-1.825
Std Dev	44.16		-1.000
15	44.07		-0.708
15	44.07		-0.680
24	43.91		-0.173
Median	43.86		0.000
24	43.80		0.173
13	43.67		0.615
77	43.62		0.767
Std Dev	43.55		1.000
13	43.52		1.104

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
35	3.53	-9.007
35	3.43	-7.249
30	3.16	-2.504
24	3.08	-1.010
Std Dev	3.07	-1.000
9	3.05	-0.571
15	3.04	-0.308
9	3.03	-0.220
24	3.03	-0.132
Median	3.02	0.000
15	3.01	0.132
270	3.00	0.308
13	2.99	0.571
75	2.98	0.659
75	2.98	0.659
Std Dev	2.96	1.000
49	2.94	1.362
13	2.91	1.889
266	2.79	3.998

803 Other(describe)		
Lab	%	Fluorine, F
77	2.96	0.000
77	2.96	0.000

Median	2.96	0.000
Std Dev	2.91	1.000
19	2.83	2.680

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
266	14.3	-0.911
24	13.2	-0.599
78	13.1	-0.585
77	13.0	-0.558
61	11.0	-0.014
Median	11.0	0.000
61	10.9	0.014
78	10.3	0.190
270	7.5	0.952
Std Dev	7.3	1.000
35	5.0	1.619
35	4.5	1.755

913 Other(describe)		
Lab	ppm	Arsenic, As
77	13.0	-1.340
Std Dev	12.5	-1.000
Median	10.9	0.000
Std Dev	9.3	1.000
13	8.7	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.I		
Lab	ppm	Cadmium, Cd
24	96	-1.006
Std Dev	96	-1.000
24	96	-0.988
78	92	-0.639
78	91	-0.595
270	91	-0.554
61	86	-0.048

61	85	-0.043
Median	85	0.000
75	85	0.043
75	84	0.086
266	79	0.564
77	76	0.819
35	75	0.910
Std Dev	74	1.000
77	74	1.002
35	68	1.549

923 Other(describe)		
Lab	ppm	Cadmium, Cd
13	90	0.000
Median	90	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	<1	0.000
78	<1	0.000
35	2	-1.597
77	2	-1.597
Std Dev	2	-1.000
266	2	-0.927
270	2	-0.480
24	1	-0.033
61	1	0.000
Median	1	0.000
35	1	0.637
61	1	0.637
77	1	0.637
Std Dev	1	1.000
75	0	1.917
75		1.972

933 Other(describe)		
Lab	ppm	Cobalt, Co
13	2	0.000
Median	2	0.000

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

942 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Mercury, Hg	
266	0.3		-1.043
Std Dev	0.3		-1.000
270	0.2		-0.617
Median	0.1		0.000
35	0.0		0.617
35	0.0		0.617

943 Other(describe)			
Lab	ppm	Mercury, Hg	
13	0.2		0.000
Median	0.2		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	
270	11		-2.521
61	9		-1.055
Std Dev	9		-1.000
61	9		-0.511
24	9		-0.427
266	8		0.000
Median	8		0.000
78	7		0.620
78	7		0.829
Std Dev	7		1.000
77	5		2.504
77	5		2.504

953 Other(describe)			
Lab	ppm	Molybdenum, Mo	
13	9		0.000
Median	9		0.000

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

Median	0		0.000
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962 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Nickel, Ni	
78	96		-2.835
78	94		-2.190
Std Dev	89		-1.000
61	89		-0.902
266	88		-0.825
61	86		-0.258
24	85		0.000
77	85		0.000
Median	85		0.000
75	84		0.155
75	84		0.278
77	83		0.515
24	82		0.773
Std Dev	81		1.000
35	75		2.577
35	67		4.638

963 Other(describe)			
Lab	ppm	Nickel, Ni	
19	111		-0.938
13	91		0.000
Median	91		0.000
Std Dev	71		1.000
19	55		1.742

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	
266	12		-1.640
61	11		-1.251
Std Dev	10		-1.000
61	9		-0.845
35	8		-0.439
35	7		-0.114
Median	7		0.000
24	6		0.114
77	5		0.536

78	5		0.617
77	4		0.861
Std Dev	4		1.000
78	2		1.478

973 Other(describe)			
Lab	ppm	Lead, Pb	
13	6		0.000
Median	6		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	
266	15		-1.835
Std Dev	12		-1.000
270	12		-0.828
61	10		-0.248
Median	9		0.000
61	9		0.248
77	7		0.794
Std Dev	6		1.000
77	6		1.135

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	
Median	0		0.000

992 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Zinc, Zn	
61	791		-1.055
Std Dev	788		-1.000
78	783		-0.903
61	771		-0.674
35	768		-0.617
78	767		-0.598
75	739		-0.069

Median	736	0.000
75	732	0.069
77	713	0.430
77	704	0.602
Std Dev	683	1.000
270	682	1.030
266	671	1.230
35	623	2.144

993 Other(describe)		
Lab	ppm	Zinc, Zn
19	753	-0.397
13	727	0.000
Median	727	0.000
Std Dev	660	1.000
19	574	2.283