

AFPC Rock Check Program

Sample No. 2015-07

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	28	0.93	0.164
Other (describe)	102			
Method Group 100		28	0.93	0.16
P₂O₅				
Gravimetric AFPC IX.3.B	201	4	31.30	0.158
ICP-induced coupled plasma AFPC IX.3.D	202	2	31.22	0.019
Photometric-AFPC IX.3.C	203	20	31.20	0.215
Automated -AOAC 978.01-15th	204	11	31.15	0.119
Other(describe)	205	3	30.85	0.248
Method Group 200		40	31.20	0.20
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	31.71	0.122
ICP-induced coupled plasma AFPC IX.3.D	212	2	31.51	0.019
Photometric-AFPC IX.3.C	213	13	31.53	0.157
Automated -AOAC 978.01-15th	214	11	31.46	0.163
Other(describe)	215			
Method Group 210		28	31.53	0.15
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	3	1.08	1.802
ICP-induced coupled plasma-AFPC IX.6.C	302	25	1.11	0.060
Other(describe)	303	6	1.26	0.229
Method Group 300		34	1.12	0.09
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	2	0.97	0.071
ICP-induced coupled plasma-AFPC IX.7.C	402	25	1.12	0.037
Other(describe)	403	6	1.47	0.188
Method Group 400		33	1.13	0.15
MgO				
Atomic Absorption-AFPC IX.8.A	501	5	0.42	0.015
ICP-induced coupled plasma-AFPC IX.8.B	502	24	0.43	0.012
Other(describe)	503	6	0.45	0.026
Method Group 500		35	0.43	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	20	7.27	0.185
Other(describe)	602	2	7.35	0.119
Method Group 600		22	7.27	0.18
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	15	3.64	0.309
Other(describe)	652	9	3.85	0.299
Method Group 650		24	3.72	0.34
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	20	45.86	0.237
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	3	45.78	0.728
EDTA Volumetric-AFPC IX.12.C	705	1	45.05	0.000
Other(describe)	706	11	46.10	0.254
Method Group 700		35	45.92	0.35
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	14	46.21	0.201
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	2	46.02	0.166
EDTA Volumetric-AFPC IX.12.C	715	1	45.27	0.000
Other(describe)	716	7	46.40	0.160
Method Group 710		24	46.27	0.20

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	22	3.58	0.239
Other (describe)	803	5	3.75	1.455
Method Group 800		27	3.60	0.12
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	6	9.6	0.76
Other(describe)	913	3	9.1	0.39
Method Group 900		9	9.6	0.86
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	8	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	12	4	0.2
Other(describe)	923	3	6	0.9
Method Group 910		16	4	1.3
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	4	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	11	5	1.0
Other(describe)	933	3	23	6.8
Method Group 920		15	5	2.0
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	1		0.00
Other (describe)	943	2	0.2	0.17
Method Group 930		3	0.0	0.17
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	10	6	0.3
Other (describe)	953	1	7	0.0
Method Group 940		11	6	0.6
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	28	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	12	19	1.7
Other(describe)	963	1	23	0.0
Method Group 950		14	20	2.6
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	7	9	2.6
Other(describe)	973	3	9	1.4
Method Group 960		10	9	2.6
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982			
Other(describe)	983	1	3	0.0
Method Group 970		1	3	0.0
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	2	74	1
ICP-induced coupled plasma-AFPC IX.16.A	992	12	61	8
Other(describe)	993	3	90	8
Method Group 980		17	68	11

101	Ground Sample AFPC IX.2.A	
Lab	%	H ₂ O
49	1.15	-1.325
Std Dev	1.10	-1.000
21	1.09	-0.959
24	1.05	-0.685
13	1.02	-0.503
13	1.01	-0.472
75	1.01	-0.442
9	1.00	-0.411
30	1.00	-0.411
75	0.97	-0.228
6	0.95	-0.107
52	0.95	-0.107
24	0.95	-0.076
21	0.95	-0.076
6	0.94	-0.015
Median	0.93	0.000
10	0.93	0.015
10	0.93	0.015
55	0.88	0.320
26	0.85	0.533
9	0.84	0.594
15	0.81	0.746
15	0.80	0.807
Std Dev	0.77	1.000
25	0.72	1.294
275	0.64	1.782
275	0.54	2.391
77	0.52	2.513
35	0.48	2.756
27	0.43	3.061
77	0.19	4.523

102	Other (describe)	
Lab	%	H ₂ O
Median	0.00	0.000

201	Gravimetric AFPC IX.3.B	
Lab	%	P2O5
77	31.71	-2.617
Std Dev	31.46	-1.000
56	31.33	-0.174
Median	31.30	0.000

55	31.27	0.174
Std Dev	31.14	1.000
65	31.03	1.697

202	ICP-induced coupled plasma AFPC IX.3.D	
Lab	%	P2O5
10	31.24	-1.340
Std Dev	31.23	-1.000
Median	31.22	0.000
Std Dev	31.20	1.000
10	31.19	1.340

203	Photometric-AFPC IX.3.C	
Lab	%	P2O5
60	33.45	-10.442
25	31.76	-2.599
52	31.56	-1.671
49	31.54	-1.578
Std Dev	31.42	-1.000
35	31.30	-0.464
9	31.29	-0.394
9	31.28	-0.348
6	31.25	-0.232
45	31.22	-0.093
30	31.21	-0.046
Median	31.20	0.000
275	31.19	0.046
6	31.18	0.116
275	31.16	0.186
78	31.09	0.534
92	31.00	0.928
92	31.00	0.928
Std Dev	30.98	1.000
45	30.91	1.346
78	30.87	1.531
27	30.79	1.903
26	30.79	1.926

204	Automated -AOAC 978.01-15th	
Lab	%	P2O5
15	31.47	-2.722
15	31.44	-2.471
Std Dev	31.26	-1.000
24	31.25	-0.879

24	31.24	-0.796
13	31.23	-0.670
13	31.15	0.000
Median	31.15	0.000
75	31.13	0.126
77	31.09	0.461
21	31.08	0.544
Std Dev	31.03	1.000
21	30.97	1.466
75	30.84	2.596

205	Other(describe)	
Lab	%	P2O5
56	31.32	-1.894
Std Dev	31.10	-1.000
20	30.85	0.000
Median	30.85	0.000
20	30.66	0.786

211	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	dB
77	31.88	-1.340	
Std Dev	31.83	-1.000	
Median	31.71	0.000	
Std Dev	31.59	1.000	
55	31.55	1.340	

212	ICP-induced coupled plasma AFPC IX.3.D		
Lab	%	P2O5	dB
10	31.53	-1.340	
Std Dev	31.53	-1.000	
Median	31.51	0.000	
Std Dev	31.49	1.000	
10	31.48	1.340	

213	Photometric-AFPC IX.3.C		
Lab	%	P2O5	dB
25	31.99	-2.966	
49	31.91	-2.434	
52	31.86	-2.152	
Std Dev	31.68	-1.000	
9	31.60	-0.483	
6	31.54	-0.126	
9	31.54	-0.084	

30	31.53	0.000
Median	31.53	0.000
6	31.47	0.327
35	31.45	0.474
275	31.39	0.857
Std Dev	31.37	1.000
275	31.33	1.250
26	31.05	3.048
27	30.92	3.841

214	Automated -AOAC 978.01-15th		
Lab	%	P2O5	dB
15	31.72	-1.595	
15	31.70	-1.429	
Std Dev	31.63	-1.000	
24	31.58	-0.711	
13	31.54	-0.487	
24	31.54	-0.453	
13	31.46	0.000	
Median	31.46	0.000	
75	31.45	0.113	
21	31.38	0.540	
21	31.31	0.941	
Std Dev	31.30	1.000	
77	31.15	1.938	
75	31.14	2.013	

215	Other(describe)		
Lab	%	P2O5	dB
Median	0.00		0.000

301	Atomic Absorption-AFPC IX.6.B	
Lab	%	Fe2O3
25	5.76	-2.597
Std Dev	2.88	-1.000
55	1.08	0.000
Median	1.08	0.000
60	0.93	0.083

302	ICP-induced coupled plasma-AFPC IX.6.C	
Lab	%	Fe2O3
78	1.28	-2.848
78	1.25	-2.345
35	1.22	-1.926

15	1.19	-1.424
15	1.18	-1.256
Std Dev	1.16	-1.000
45	1.15	-0.754
52	1.15	-0.754
45	1.14	-0.586
9	1.14	-0.502
9	1.13	-0.419
75	1.13	-0.403
13	1.13	-0.335
6	1.11	0.000
Median	1.11	0.000
6	1.09	0.251
21	1.09	0.251
10	1.08	0.419
13	1.08	0.419
49	1.08	0.419
10	1.07	0.586
21	1.06	0.754
92	1.05	0.921
92	1.05	0.921
Std Dev	1.05	1.000
75	1.02	1.502
24	1.00	1.843
24	0.98	2.178

303 Other(describe)		
Lab	%	Fe2O3
77	1.41	-0.654
77	1.41	-0.654
65	1.35	-0.392
Median	1.26	0.000
56	1.17	0.392
20	1.06	0.872
20	1.05	0.937

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
30	1.06	-1.340
Std Dev	1.04	-1.000
Median	0.97	0.000
Std Dev	0.89	1.000
55	0.87	1.340

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
52	1.51	-10.452
78	1.40	-7.370
78	1.39	-7.102
24	1.17	-1.340
92	1.16	-1.072
Std Dev	1.16	-1.000
24	1.15	-0.804
35	1.15	-0.804
92	1.15	-0.804
21	1.14	-0.536
6	1.13	-0.268
45	1.13	-0.268
9	1.12	0.000
21	1.12	0.000
49	1.12	0.000
Median	1.12	0.000
9	1.12	0.134
15	1.12	0.134
15	1.11	0.268
6	1.10	0.536
10	1.10	0.536
45	1.10	0.536
10	1.09	0.804
13	1.09	0.938
Std Dev	1.08	1.000
13	1.08	1.072
75	1.08	1.091
75	0.99	3.410

403 Other(describe)		
Lab	%	Al2O3
65	1.66	-1.013
Std Dev	1.66	-1.000
77	1.58	-0.587
77	1.56	-0.480
Median	1.47	0.000
56	1.38	0.480
20	1.31	0.880
20	1.30	0.907

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO

25	0.46	-2.680
Std Dev	0.43	-1.000
35	0.43	-0.670
27	0.42	0.000
Median	0.42	0.000
55	0.41	0.670
Std Dev	0.41	1.000
60	0.33	6.365

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
10	0.44	-0.825
15	0.44	-0.825
45	0.44	-0.825
78	0.44	-0.825
13	0.44	-0.412
21	0.44	-0.412
6	0.43	0.000
6	0.43	0.000
9	0.43	0.000
9	0.43	0.000
10	0.43	0.000
13	0.43	0.000
15	0.43	0.000
24	0.43	0.000
49	0.43	0.000
78	0.43	0.000
Median	0.43	0.000
45	0.42	0.825
Std Dev	0.42	1.000
21	0.42	1.237
24	0.42	1.237
92	0.41	1.649
92	0.41	1.649
52	0.38	4.123
75	0.38	4.471
75	0.36	5.804

503 Other(describe)		
Lab	%	MgO
20	0.48	-1.053
Std Dev	0.48	-1.000
77	0.46	-0.287
20	0.46	-0.096

Median	0.45	0.000
77	0.45	0.096
Std Dev	0.43	1.000
65	0.42	1.436
56	0.41	1.627

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
55	8.58	-7.120
52	8.20	-5.062
21	7.47	-1.083
Std Dev	7.45	-1.000
45	7.42	-0.839
24	7.41	-0.785
10	7.39	-0.677
24	7.31	-0.217
9	7.30	-0.189
49	7.29	-0.135
10	7.27	-0.027
Median	7.27	0.000
9	7.26	0.027
15	7.25	0.081
45	7.24	0.135
15	7.22	0.244
26	7.15	0.623
30	7.14	0.677
Std Dev	7.08	1.000
35	7.05	1.164
13	6.99	1.489
21	6.94	1.787
13	6.92	1.868

602 Other(describe)		
Lab	%	Al
6	7.51	-1.340
Std Dev	7.47	-1.000
Median	7.35	0.000
Std Dev	7.23	1.000
6	7.19	1.340

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
30	4.06	-1.376
Std Dev	3.94	-1.000

9	3.88	-0.793
21	3.84	-0.664
21	3.84	-0.664
9	3.77	-0.437
49	3.72	-0.275
52	3.70	-0.211
13	3.64	0.000
Median	3.64	0.000
13	3.51	0.405
24	3.50	0.453
6	3.42	0.704
6	3.37	0.874
24	3.35	0.939
Std Dev	3.33	1.000
15	3.19	1.457
15	3.16	1.555

652 Other(describe)		
Lab	%	CO2

35	7.87	-13.467
25	5.80	-6.533
Std Dev	4.15	-1.000
55	4.12	-0.905
56	3.91	-0.201
65	3.85	0.000
Median	3.85	0.000
275	3.72	0.436
275	3.72	0.436
Std Dev	3.55	1.000
20	3.36	1.642
20	3.32	1.792

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

Median	0.00	0.000
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702 ICP-induced coupled plasma-AFPC IX.12.D		
Lab	%	CaO

92	47.38	-6.415
92	47.11	-5.276
78	46.61	-3.165
78	46.26	-1.688
45	46.17	-1.308
Std Dev	46.10	-1.000

21	46.01	-0.612
10	45.92	-0.253
10	45.92	-0.253
6	45.92	-0.232
49	45.89	-0.127
Median	45.86	0.000
13	45.83	0.127
9	45.79	0.317
45	45.74	0.506
9	45.74	0.506
21	45.74	0.506
6	45.70	0.696
Std Dev	45.62	1.000
13	45.60	1.097
52	45.28	2.448
75	44.38	6.246
75	43.32	10.737

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

Median	0.00	0.000
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704 Permanganate		
Lab	%	CaO

60	47.55	-2.433
Std Dev	46.51	-1.000
30	45.78	0.000
Median	45.78	0.000
27	45.60	0.247

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

35	45.05	0.000
Median	45.05	0.000

706 Other(describe)		
Lab	%	CaO

20	49.81	-14.602
20	49.74	-14.346
15	46.40	-1.163
15	46.36	-1.005
Std Dev	46.35	-1.000
65	46.15	-0.197
77	46.10	0.000

77	46.10	0.000
Median	46.10	0.000
56	46.07	0.118
55	46.00	0.394
24	45.94	0.650
24	45.92	0.729

711 Gravimetric sulfate-AFPC IX.12.A			
Lab	%	CaO	dB

Median	0.00	0.000
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712 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	dB

21	46.51	-1.494
49	46.42	-1.055
Std Dev	46.41	-1.000
6	46.36	-0.714
10	46.35	-0.693
10	46.35	-0.693
13	46.30	-0.427
9	46.25	-0.177
Median	46.21	0.000
21	46.18	0.177
6	46.13	0.426
9	46.13	0.432
13	46.07	0.719
Std Dev	46.01	1.000
52	45.71	2.478
75	44.81	6.958
75	43.76	12.231

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

Median	0.00	0.000
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714 Permanganate			
Lab	%	CaO	dB

30	46.24	-1.340
Std Dev	46.19	-1.000
Median	46.02	0.000
Std Dev	45.85	1.000
27	45.80	1.340

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

35	45.27	0.000
Median	45.27	0.000

716 Other(describe)			
Lab	%	CaO	dB

15	46.77	-2.314
15	46.73	-2.091
Std Dev	46.56	-1.000
55	46.41	-0.053
24	46.40	0.000
Median	46.40	0.000
24	46.37	0.167
77	46.34	0.369
Std Dev	46.24	1.000
77	46.19	1.329

801 Volumetric-AFPC IX.14.A			
Lab	%	Fluorine, F	

Median	0.00	0.000
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802 Specific Ion Electrode-AFPC IX.14.B			
Lab	%	Fluorine, F	

21	3.85	-1.131
21	3.83	-1.047
Std Dev	3.81	-1.000
13	3.66	-0.335
13	3.65	-0.314
27	3.64	-0.272
30	3.62	-0.188
6	3.61	-0.147
6	3.61	-0.147
25	3.60	-0.105
26	3.60	-0.105
9	3.58	-0.021
Median	3.58	0.000
9	3.57	0.021
24	3.57	0.021
49	3.57	0.021
35	3.54	0.147
55	3.50	0.314
Std Dev	3.34	1.000
24	3.23	1.445

15	3.21	1.528
75	3.21	1.549
15	3.19	1.633
75	3.18	1.675
52	1.69	7.893

803 Other(describe)		
Lab	%	Fluorine, F
20	5.78	-1.392
20	5.59	-1.264
Std Dev	5.21	-1.000
77	3.75	0.000
Median	3.75	0.000
77	3.64	0.076
65	3.47	0.196

911 Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As
Median	0.0	0.000

912 ICP-induced coupled plasma-AFPC IX.15.B		
Lab	ppm	Arsenic, As
35	13.0	-4.412
Std Dev	10.4	-1.000
24	9.7	-0.098
78	9.7	-0.033
Median	9.6	0.000
24	9.6	0.033
Std Dev	8.9	1.000
78	8.4	1.667
52	5.1	5.916

913 Other(describe)		
Lab	ppm	Arsenic, As
13	9.6	-1.149
Std Dev	9.5	-1.000
275	9.1	0.000
Median	9.1	0.000
Std Dev	8.7	1.000
275	8.5	1.531

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
55	8	0.000

Median	8	0.000
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922 ICP-induced coupled plasma-AFPC IX.11.B		
Lab	ppm	Cadmium, Cd

78	6	-9.265
78	6	-9.138
Std Dev	4	-1.000
35	4	0.000
45	4	0.000
45	4	0.000
75	4	0.000
75	4	0.000
Median	4	0.000
24	4	0.766
Std Dev	4	1.000
24	4	1.021
52	4	2.297
77	3	3.063
77	3	3.573

923 Other(describe)		
Lab	ppm	Cadmium, Cd

20	7	-1.432
Std Dev	6	-1.000
20	6	0.000
Median	6	0.000
Std Dev	5	1.000
13	4	1.248

931 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Cobalt, Co

55	4	0.000
Median	4	0.000

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

78	9	-3.921
78	9	-3.921
77	6	-1.340
77	6	-1.241
Std Dev	6	-1.000
24	5	-0.149
24	5	0.000
Median	5	0.000

35	5	0.050
45	5	0.050
45	5	0.050
75	5	0.050
75	5	0.546

933 Other(describe)		
Lab	ppm	Cobalt, Co

20	25	-0.296
20	23	0.000
Median	23	0.000
Std Dev	16	1.000
13	6	2.384

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

Median	0.0	0.000
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942 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Mercury, Hg

35	0.0	0.000
Median	0.0	0.000

943 Other(describe)		
Lab	ppm	Mercury, Hg

13	0.5	-1.340
Std Dev	0.4	-1.000
Median	0.2	0.000
Std Dev	0.1	1.000
52	0.0	1.340

951 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Molybdenum, Mo

Median	0	0.000
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952 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Molybdenum, Mo

20	85	-242.578
20	81	-228.795
Std Dev	6	-1.000
45	6	-0.613
45	6	-0.613
78	6	-0.459
Median	6	0.000

78	6	0.459
24	6	0.613
24	6	0.766
Std Dev	5	1.000
77	5	2.450
77	5	2.757

953 Other(describe)		
Lab	ppm	Iolybdenum, Mo

13	7	0.000
Median	7	0.000

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

55	28	0.000
Median	28	0.000

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

52	25	-3.923
35	22	-1.946
Std Dev	20	-1.000
75	20	-0.749
77	20	-0.749
77	20	-0.749
78	19	-0.150
Median	19	0.000
78	19	0.150
24	18	0.180
24	18	0.539
75	18	0.749
Std Dev	17	1.000
45	16	1.647
45	16	1.647

963 Other(describe)		
Lab	ppm	Nickel, Ni

13	23	0.000
Median	23	0.000

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

Median	0	0.000
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972 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Lead, Pb	
35	20		-4.068
Std Dev	12		-1.000
77	12		-0.912
77	12		-0.874
78	9		0.000
Median	9		0.000
78	9		0.247
24	8		0.646
Std Dev	7		1.000
24	6		1.426

973 Other(describe)			
Lab	ppm	Lead, Pb	
13	12		-2.327
Std Dev	10		-1.000
20	9		0.000
Median	9		0.000
20	8		0.353

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	
Median	0		0.000

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	75		-1.340
Std Dev	75		-1.000
Median	74		0.000
Std Dev	73		1.000
55	73		1.340

992 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Zinc, Zn	

24	131		-8.497
24	130		-8.387
75	71		-1.176
Std Dev	69		-1.000
75	69		-0.932
78	63		-0.262
78	61		-0.018
Median	61		0.000
52	61		0.018
77	60		0.104
35	58		0.347
45	58		0.347
77	58		0.347
45	56		0.591

993 Other(describe)			
Lab	ppm	Zinc, Zn	
20	91		-0.118
20	90		0.000
Median	90		0.000
Std Dev	82		1.000
13	68		2.562