

AFPC Rock Check Program

Sample No. 2013-05

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	29	0.58	0.164
Other (describe)	102			
Method Group 100		29	0.58	0.16
P₂O₅				
Gravimetric AFPC IX.3.B	201	2	29.16	0.006
ICP-induced coupled plasma AFPC IX.3.D	202	4	29.40	0.230
Photometric-AFPC IX.3.C	203	16	29.39	0.157
Automated -AOAC 978.01-15th	204	13	29.25	0.265
Other(describe)	205	3	28.59	0.078
Method Group 200		38	29.30	0.21
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	29.24	0.034
ICP-induced coupled plasma AFPC IX.3.D	212	4	29.58	0.226
Photometric-AFPC IX.3.C	213	10	29.52	0.059
Automated -AOAC 978.01-15th	214	13	29.41	0.337
Other(describe)	215			
Method Group 210		29	29.49	0.17
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	2	0.51	0.056
ICP-induced coupled plasma-AFPC IX.6.C	302	29	0.51	0.026
Other(describe)	303	5	0.51	0.067
Method Group 300		36	0.51	0.03
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	2	0.88	0.020
ICP-induced coupled plasma-AFPC IX.7.C	402	34	0.81	0.166
Other(describe)	403			
Method Group 400		36	0.81	0.16
MgO				
Atomic Absorption-AFPC IX.8.A	501	4	0.41	0.020
ICP-induced coupled plasma-AFPC IX.8.B	502	27	0.42	0.015
Other(describe)	503	5	0.40	0.011
Method Group 500		36	0.41	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	21	12.02	0.563
Other(describe)	602	6	12.19	0.660
Method Group 600		27	12.04	0.61
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	15	3.81	0.159
Other(describe)	652	5	7.92	1.175
Method Group 650		20	3.86	0.39
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	20	43.75	0.565
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	44.51	0.884
EDTA Volumetric-AFPC IX.12.C	705	3	43.92	0.269
Other(describe)	706	11	43.62	0.332
Method Group 700		36	43.75	0.51
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	14	44.00	0.410
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	2	44.71	0.868
EDTA Volumetric-AFPC IX.12.C	715	3	44.01	0.344
Other(describe)	716	8	44.01	0.216
Method Group 710		27	44.01	0.34

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	18	3.05	0.035
Other(describe)	803	3	3.09	0.090
Method Group 800		21	3.05	0.05
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	7	10.1	6.49
Other(describe)	913	2	9.5	1.14
Method Group 900		9	10.1	2.28
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	13	88	7.6
Other(describe)	923	1	86	0.0
Method Group 910		14	87	7.4
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	12	1	0.3
Other(describe)	933	1	1	0.0
Method Group 920		13	1	0.3
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	2	0.1	0.11
Other(describe)	943	1	0.3	0.00
Method Group 930		3	0.3	0.11
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	8	9	1.5
Other(describe)	953	1	10	0.0
Method Group 940		9	9	1.5
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	13	90	10.4
Other(describe)	963	3	87	13.4
Method Group 950		16	89	11.6
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	10	7	1.7
Other(describe)	973	1	4	0.0
Method Group 960		11	6	2.5
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	2	13	1.5
Other(describe)	983	1	21	0.0
Method Group 970		3	15	3.8
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991			
ICP-induced coupled plasma-AFPC IX.16.A	992	11	764	87
Other(describe)	993	3	718	35
Method Group 980		14	755	87

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	

15 0.77 -1.157
21 0.77 -1.127

Std Dev 0.74 -1.000

15 0.74 -0.944
13 0.72 -0.853
24 0.71 -0.792
24 0.70 -0.700
13 0.68 -0.579
16 0.64 -0.365
75 0.64 -0.365
10 0.64 -0.335
16 0.63 -0.305
10 0.62 -0.213
21 0.61 -0.183
266 0.60 -0.122
49 0.58 0.000

Median 0.58 0.000

9 0.58 0.030
9 0.57 0.061
75 0.57 0.061
30 0.52 0.365
6 0.48 0.640
61 0.45 0.822
275 0.42 0.975

Std Dev 0.42 1.000

241 0.40 1.096
61 0.37 1.279
275 0.34 1.462
77 0.24 2.071
35 0.20 2.315
35 0.15 2.619
77 0.14 2.680

102 Other (describe)			
Lab	%	H ₂ O	

Median 0.00 0.000

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	

241 29.17 -1.340

Std Dev 29.16 -1.000

Median 29.16 0.000

Std Dev 29.15 1.000

77 29.15 1.340

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

266 30.30 -3.928

Std Dev 29.63 -1.000

10 29.43 -0.152

Median 29.40 0.000

16 29.36 0.152

10 29.28 0.521

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	

45 29.76 -2.393

45 29.55 -1.053

Std Dev 29.54 -1.000

275 29.51 -0.798

35 29.50 -0.734

16 29.43 -0.287

35 29.43 -0.287

30 29.39 -0.032

275 29.39 -0.032

Median 29.39 0.000

49 29.38 0.032

9 29.32 0.415

92 29.30 0.542

Std Dev 29.23 1.000

6 29.25 0.861

92 29.20 1.180

9 29.18 1.308

78 28.92 2.999

78 28.83 3.573

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	

15 30.09 -3.171

15 30.06 -3.039

13 29.66 -1.529

Std Dev 29.51 -1.000

13 29.51 -0.963

77 29.34 -0.340

24 29.29 -0.151

21 29.25 0.000

Median 29.25 0.000

21 29.22 0.132

24 29.20 0.208

61 29.15 0.377

61 29.10 0.566

75 29.10 0.566

75 29.00 0.944

205 Other (describe)			
Lab	%	P2O5	

19 28.80 -2.680

Std Dev 28.67 -1.000

41 28.59 0.000

41 28.59 0.000

Median 28.59 0.000

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB

241 29.28 -1.340

Std Dev 29.27 -1.000

Median 29.24 0.000

Std Dev 29.20 1.000

77 29.19 1.340

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

266 30.48 -3.998

Std Dev 29.81 -1.000

10 29.61 -0.140

Median 29.58 0.000

16 29.55 0.140

10 29.46 0.525

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB

275 29.63 -1.981

16 29.62 -1.679

Std Dev 29.58 -1.000

35 29.56 -0.711

49 29.55 -0.581

30 29.54 -0.450

Median 29.52 0.000

275 29.49 0.450

9 29.49 0.486

35 29.47 0.720

Std Dev 29.46 1.000

6 29.39 2.146

9 29.35 2.835

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB

15 30.31 -2.674

15 30.29 -2.601

13 29.86 -1.322

Std Dev 29.75 -1.000

13 29.72 -0.914

24 29.49 -0.250

21 29.48 -0.192

77 29.41 0.000

Median 29.41 0.000

24 29.40 0.020

21 29.39 0.048

75 29.27 0.426

61 29.26 0.451

61 29.23 0.535

75 29.19 0.663

215 Other (describe)			
Lab	%	P2O5	dB

Median 0.00 0.000

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	

241 0.58 -1.340

Std Dev 0.56 -1.000

Median 0.51 0.000

Std Dev 0.45 1.000

30 0.43 1.340

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

266 0.60 -3.637

78 0.56 -2.106

78 0.55 -1.531

Std Dev 0.53 -1.000

6 0.52 -0.574

49 0.52 -0.574

75 0.52 -0.572

15	0.52	-0.383
15	0.52	-0.383
75	0.51	-0.312
9	0.51	-0.191
10	0.51	-0.191
16	0.51	-0.191
16	0.51	-0.191
61	0.51	-0.191
9	0.51	0.000
10	0.51	0.000
13	0.51	0.000
61	0.51	0.000
Median	0.51	0.000
13	0.50	0.191
45	0.49	0.574
21	0.48	0.957
45	0.48	0.957
92	0.48	0.957
Std Dev	0.48	1.000
24	0.47	1.340
92	0.47	1.340
24	0.46	1.723
35	0.44	2.489
35	0.43	2.871
21	0.42	3.254

303 Other(describe)		
Lab	%	Fe2O3
77	0.58	-1.042
Std Dev	0.58	-1.000
77	0.57	-0.893
41	0.51	0.000
Median	0.51	0.000
41	0.48	0.447
Std Dev	0.44	1.000
19	0.43	1.191

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
30	0.91	-1.340
Std Dev	0.90	-1.000
Median	0.88	0.000
Std Dev	0.86	1.000
241	0.86	1.340

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
78	1.61	-4.801
266	1.59	-4.711
78	1.58	-4.651
41	1.56	-4.501
41	1.49	-4.110
77	1.49	-4.110
77	1.49	-4.110
19	1.11	-1.825
Std Dev	0.97	-1.000

61	0.97	-0.953
61	0.97	-0.953
15	0.89	-0.503
15	0.89	-0.503
49	0.84	-0.202
92	0.83	-0.142
24	0.82	-0.082
9	0.82	-0.052
35	0.81	-0.022
Median	0.81	0.000
75	0.80	0.022
9	0.80	0.069
92	0.79	0.099
24	0.78	0.159
35	0.78	0.159
45	0.78	0.159
21	0.78	0.189
75	0.75	0.348
45	0.74	0.399
16	0.70	0.640
6	0.68	0.760
16	0.68	0.760
10	0.65	0.970
10	0.65	0.970
21	0.65	0.970
Std Dev	0.64	1.000
13	0.61	1.211
13	0.59	1.301

403 Other(describe)		
Lab	%	Al2O3
Median	0.00	0.000

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
35	0.43	-1.252
Std Dev	0.42	-1.000
30	0.41	-0.250
Median	0.41	0.000
35	0.40	0.250
Std Dev	0.39	1.000
241	0.35	2.605

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
92	0.51	-6.365
92	0.48	-4.355
78	0.46	-2.680
78	0.44	-1.675
266	0.44	-1.675
15	0.44	-1.340
9	0.43	-1.005
15	0.43	-1.005
Std Dev	0.43	-1.000
9	0.42	-0.335
16	0.42	-0.335
16	0.42	-0.335
49	0.42	-0.335
6	0.42	0.000
13	0.42	0.000
61	0.42	0.000
Median	0.42	0.000
10	0.41	0.335
10	0.41	0.335
24	0.41	0.335
45	0.41	0.335
45	0.41	0.335
61	0.41	0.335
13	0.41	0.670
Std Dev	0.40	1.000
24	0.40	1.005
75	0.39	1.978
75	0.37	2.883
21	0.37	3.015
21	0.37	3.350

503 Other(describe)			
Lab	%	MgO	
77	0.42		-1.787
Std Dev	0.41		-1.000
41	0.41		-0.447
41	0.40		0.000
Median	0.40		0.000
77	0.39		0.893
Std Dev	0.39		1.000
19	0.36		3.573

601 Insoluble-AFPC IX.4.A			
Lab	%	Al	
15	14.22		-3.905
15	14.15		-3.772
45	13.22		-2.130
Std Dev	12.58		-1.000
10	12.36		-0.595
10	12.35		-0.586
16	12.32		-0.532
24	12.18		-0.284
45	12.18		-0.284
16	12.12		-0.177
9	12.04		-0.035
30	12.02		0.000
Median	12.02		0.000
21	12.00		0.035
9	12.00		0.044
24	11.98		0.080
49	11.78		0.426
21	11.57		0.808
Std Dev	11.46		1.000
13	11.43		1.047
13	11.43		1.056
6	11.35		1.198
35	11.16		1.526
35	11.16		1.526

602 Other(describe)			
Lab	%	Al	
41	12.82		-0.954
41	12.60		-0.621
19	12.28		-0.136
Median	12.19		0.000

266	12.10	0.136
Std Dev	11.53	1.000
275	11.48	1.075
275	11.29	1.363

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
6	4.68	-5.486
21	4.15	-2.144
61	4.05	-1.513
21	4.05	-1.482
Std Dev	3.97	-1.000
9	3.88	-0.441
15	3.87	-0.347
15	3.85	-0.221
30	3.81	0.000
77	3.81	0.000
Median	3.81	0.000
13	3.79	0.158
9	3.77	0.252
61	3.73	0.504
Std Dev	3.65	1.000
49	3.55	1.640
24	3.53	1.766
13	3.47	2.176

652 Other(describe)		
Lab	%	CO2
78	9.62	-1.442
78	9.44	-1.289
Std Dev	9.10	-1.000
35	7.92	0.000
Median	7.92	0.000
35	7.86	0.051
Std Dev	6.74	1.000
266	2.93	4.245

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
78	46.70	-5.214

78	46.60	-5.046
92	45.56	-3.206
92	45.30	-2.746
Std Dev	44.31	-1.000
10	44.13	-0.677
75	44.10	-0.624
49	44.02	-0.482
16	43.96	-0.376
61	43.87	-0.208
16	43.76	-0.022
Median	43.75	0.000
10	43.74	0.022
9	43.73	0.040
9	43.70	0.084
75	43.46	0.503
6	43.35	0.703
21	43.35	0.703
Std Dev	43.18	1.000
21	43.15	1.057
61	43.15	1.057
45	40.62	5.532
45	40.53	5.692

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

704 Permanganate		
Lab	%	CaO
241	45.69	-1.340
Std Dev	45.39	-1.000
Median	44.51	0.000
Std Dev	43.62	1.000
30	43.32	1.340

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
266	44.55	-2.345
Std Dev	44.19	-1.000
35	43.92	0.000
Median	43.92	0.000
35	43.83	0.335

706 Other(describe)			
Lab	%	CaO	
77	44.30	-2.048	
77	44.00	-1.144	
Std Dev	43.95	-1.000	
15	43.86	-0.708	
15	43.84	-0.662	
13	43.66	-0.120	
24	43.62	0.000	
Median	43.62	0.000	
19	43.60	0.060	
13	43.47	0.452	
24	43.34	0.858	
Std Dev	43.29	1.000	
41	43.19	1.310	
41	43.06	1.701	

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
10	44.40	-0.992	
75	44.38	-0.946	
49	44.28	-0.684	
16	44.24	-0.592	
16	44.04	-0.111	
61	44.03	-0.077	
10	44.01	-0.045	
Median	44.00	0.000	
9	43.98	0.045	
9	43.95	0.111	
75	43.71	0.693	
21	43.62	0.927	
Std Dev	43.59	1.000	
6	43.56	1.071	
21	43.48	1.253	
61	43.34	1.593	

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

714 Permanganate			
Lab	%	CaO	dB
241	45.87	-1.340	
Std Dev	45.58	-1.000	
Median	44.71	0.000	
Std Dev	43.84	1.000	
30	43.55	1.340	

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
266	44.82	-2.354	
Std Dev	44.35	-1.000	
35	44.01	0.000	
Median	44.01	0.000	
35	43.90	0.326	

716 Other(describe)			
Lab	%	CaO	dB
77	44.41	-1.839	
Std Dev	44.23	-1.000	
15	44.18	-0.791	
15	44.18	-0.789	
77	44.06	-0.243	
Median	44.01	0.000	
13	43.96	0.243	
24	43.93	0.388	
Std Dev	43.79	1.000	
13	43.79	1.036	
24	43.64	1.686	

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	3.30	-7.053	
24	3.13	-2.257	
35	3.11	-1.834	
Std Dev	3.08	-1.000	
13	3.08	-0.987	
13	3.06	-0.423	
30	3.06	-0.423	
49	3.06	-0.423	

15	3.05	-0.141
75	3.05	-0.141
Median	3.05	0.000
15	3.04	0.141
35	3.04	0.141
6	3.03	0.423
9	3.02	0.705
9	3.01	0.987
Std Dev	3.01	1.000
21	3.00	1.269
75	3.00	1.411
24	2.94	3.103
266	2.93	3.244

803 Other(describe)		
Lab	%	Fluorine, F
77	3.12	-0.335
77	3.09	0.000
Median	3.09	0.000
Std Dev	3.00	1.000
19	2.88	2.345

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
78	21.5	-1.756
78	19.2	-1.402
Std Dev	16.6	-1.000
266	10.4	-0.046
24	10.1	0.000
Median	10.1	0.000
61	8.2	0.293
35	4.0	0.940
35	4.0	0.940

913 Other(describe)		
Lab	ppm	Arsenic, As
13	11.1	-1.340
Std Dev	10.7	-1.000
Median	9.5	0.000
Std Dev	8.4	1.000

77	8.0	1.340
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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
77	94	-0.792
77	93	-0.660
78	92	-0.541
24	92	-0.535
24	92	-0.488
78	91	-0.418
75	88	0.000
Median	88	0.000
75	87	0.198
266	83	0.726
61	82	0.805
Std Dev	80	1.000
6	73	1.980
35	63	3.300
35	63	3.300

923 Other(describe)		
Lab	ppm	Cadmium, Cd
13	86	0.000
Median	86	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
266	2	-3.276
77	2	-2.978
77	2	-2.680
Std Dev	1	-1.000
24	1	-0.893
61	1	-0.089
6	1	0.000
35	1	0.000
35	1	0.000

78	1	0.000
78	1	0.000
Median	1	0.000
Std Dev	1	1.000
75	0	2.978
75	0	2.978

933 Other(describe)		
Lab	ppm	Cobalt, Co
13	1	0.000
Median	1	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	-1.340
Std Dev	0.3	-1.000
Median	0.1	0.000
Std Dev	0.0	1.000
61	0.0	1.340

943 Other(describe)		
Lab	ppm	Mercury, Hg
13	0.3	0.000
Median	0.3	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
61	11	-1.752
Std Dev	10	-1.000
6	10	-0.814
77	10	-0.814
266	9	-0.325
Median	9	0.000
77	8	0.325
78	8	0.492
78	8	0.626

Std Dev	7	1.000
24	6	1.933

953 Other(describe)		
Lab	ppm	Iolybdenum, Mo
13	10	0.000
Median	10	0.000

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

962 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Nickel, Ni
266	103	-1.301
77	102	-1.205
77	101	-1.109
Std Dev	100	-1.000
78	95	-0.530
78	93	-0.289
6	92	-0.241
75	90	0.000
Median	90	0.000
75	88	0.193
61	82	0.762
24	81	0.810
24	81	0.853
Std Dev	79	1.000
35	66	2.265
35	62	2.651

963 Other(describe)		
Lab	ppm	Nickel, Ni
19	104	-1.295
Std Dev	100	-1.000
13	87	0.000
Median	87	0.000
Std Dev	73	1.000
19	68	1.385

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	10	-2.112
6	10	-1.879
Std Dev	8	-1.000
35	8	-0.714
35	8	-0.714
61	7	-0.277
Median	7	0.000
77	6	0.277
77	6	0.452
24	6	0.685
Std Dev	5	1.000
78	1	3.365
78	1	3.365

973 Other(describe)		
Lab	ppm	Lead, Pb
13	4	0.000
Median	4	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
266	15	-1.340
Std Dev	14	-1.000
Median	13	0.000
Std Dev	11	1.000
61	11	1.340

983 Other(describe)		
Lab	ppm	Selenium, Se
13	21	0.000
Median	21	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

78	805	-0.464
78	786	-0.252
77	785	-0.241
75	780	-0.183
77	767	-0.034
6	764	0.000
Median	764	0.000
75	762	0.023
266	748	0.183
Std Dev	677	1.000
35	583	2.073
35	566	2.268
61	96	7.651

993 Other(describe)		
Lab	ppm	Zinc, Zn
19	734	-0.475
13	718	0.000
Median	718	0.000
Std Dev	683	1.000
19	641	2.205