AFPC Rock Check Program

Sample No. 2015-06

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	24	1.00	0.130
Other (describe)	102	4	0.59	0.174
Method Group 100		28	0.99	0.18
P_2O_5				
Gravimetric AFPC IX.3.B	201	5	33.12	0.291
ICP-inducted coupled plasma AFPC IX.3.D	202	5	33.06	0.060
Photometric-AFPC IX.3.C	203	18	33.03	0.105
Automated -AOAC 978.01-15th	204	9	33.03	0.090
Other(describe)	205	2	32.98	0.056
Method Group 200		39	33.04	0.10
P_2O_5 (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	3	33.31	0.237
ICP-inducted coupled plasma AFPC IX.3.D	212	5	33.40	0.089
Photometric-AFPC IX.3.C	213	10	33.39	0.182
Automated -AOAC 978.01-15th	214	9	33.36	0.129
Other(describe)	215	1	33.08	0.000
Method Group 210		28	33.37	0.15
Fe_2O_3				
Atomic Absorption-AFPC IX.6.B	301	3	1.09	0.067
ICP-inducted coupled plasma-AFPC IX.6.C	302	28	1.10	0.046
Other(describe)	303	5	1.21	0.037
Method Group 300		36	1.10	0.05
Al_2O_3				
Atomic Absorption-AFPC IX.7.B	401	2	1.49	0.011
ICP-inducted coupled plasma-AFPC IX.7.C	402	28	1.45	0.146
Other(describe)	403	5	1.55	0.142
Method Group 400		35	1.47	0.14
MgO				
Atomic Absorption-AFPC IX.8.A	501	5	0.35	0.007
ICP-inducted coupled plasma-AFPC IX.8.B	502	26	0.35	0.010
Other(describe)	503	5	0.36	0.037
Method Group 500		36	0.35	0.01
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	22	3.20	0.118
Other(describe)	602	2	3.63	0.093
Method Group 600		24	3.20	0.11
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	14	3.54	0.083
Other(describe)	652	11	3.64	0.556
Method Group 650		25	3.56	0.17
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-inducted coupled plasma-AFPC IX.12.D	702	19	47.90	0.287
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	47.73	0.136
EDTA Volumetric-AFPC IX.12.C	705	3	47.25	0.545
Other(describe)	706	8	47.90	0.419
Method Group 700		32	47.89	0.35
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-inducted coupled plasma-AFPC IX.12.D	712	13	48.36	0.119
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	1	48.37	0.000
EDTA Volumetric-AFPC IX.12.C	715	3	47.72	0.662
Other(describe)	716	6	48.15	0.189
Method Group 710		22	48.35	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	18	3.73	0.159
Oher(describe)	803	5	3.79	0.045
Method Group 800		23	3.75	0.10
Arsenic, As				
Atomic Absorption	911			
ICP-inducted coupled plasma-AFPC IX.15.B	912	12	9.3	1.30
Other(describe)	913	2	8.5	0.23
Method Group 900		14	9.0	0.99
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	3	0.0
ICP-inducted coupled plasma-AFPC IX.11.B	922	17	6	0.6
Other(describe)	923	1	6	0.0
Method Group 910		19	6	0.6
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	3	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	932	16	3	0.3
Other(describe)	933	1	3	0.0
Method Group 920		18	3	0.3
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-inducted coupled plasma-AFPC IX.16.A	942	4	0.1	0.19
Other(describe)	943	2	17.6	13.01
Method Group 930		6	0.1	0.51
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	7	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	952	12	6	1.1
Other(describe)	953	1	8	0.0
Method Group 940		14	7	1.0
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	4	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	962	17	9	1.8
Other(describe)	963	2	13	1.6
Method Group 950		20	9	1.9
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	3	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	972	14	17	3.8
Other(describe)	973	1	15	0.0
Method Group 960		16	16	3.4
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-inducted coupled plasma-AFPC IX.16.A	982	3	1	2.0
Other(describe)	983	1	3	0.0
Method Group 970		4	2	2.0
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	2	69	4
ICP-inducted coupled plasma-AFPC IX.16.A	992	17	64	11
Other(describe)	993	3	68	5
Method Group 980		22	65	10

101	Ground Sample AFPC IX.2.A	
Lab	%	H_2O
21	1.17	-1.311
49	1.15	-1.157
Std Dev	1.13	-1.000
21	1.13	-0.964
10	1.12	-0.925
13	1.12	-0.925
10	1.11	-0.848
52	1.10	-0.771
266	1.10	-0.771
61	1.07	-0.501
13	1.06	-0.463
26	1.02	-0.154
24	1.01	-0.039
Median	1.00	0.000
24	1.00	0.039
9	0.99	0.077
35	0.99	0.077
6	0.96	0.308
9	0.96	0.308
241	0.94	0.501
30	0.91	0.694
61	0.90	0.810
Std Dev	0.87	1.000
77	0.73	2.082
77	0.71	2.237
35	0.48	4.010
55	0.27	5.630

102	Other (describe)	
Lab	%	H_2O
6	0.98	-2.250
Std Dev	0.76	-1.000
275	0.60	-0.043
Median	0.59	0.000
275	0.58	0.043
Std Dev	0.41	1.000
56	0.09	2.852

201	Gravimetric AFPC IX.3.B	
Lab	%	P2O5
65	33.41	-1.014
Std Dev	33.41	-1.000
77	33.39	-0.945
56	33.12	0.000
Median	33.12	0.000
241	33.00	0.395
55	32.91	0.704

202	ICP-inducted coupled plasma AFPC IX.3.D	
Lab	%	P2O5
10	33.08	-0.335
6	33.08	-0.251
10	33.06	0.000
Median	33.06	0.000
Std Dev	33.00	1.000
6	33.00	1.089
266	32.15	15.243

203	Photometric-AFPC IX.3.C	
Lab	%	P2O5
60	33.45	-4.008
30	33.17	-1.352
Std Dev	33.13	-1.000
49	33.13	-0.972
26	33.13	-0.972
45	33.10	-0.688
9	33.09	-0.545
9	33.08	-0.498
35	33.05	-0.213
270	33.04	-0.119
Median	33.03	0.000
275	33.02	0.119
35	32.99	0.356
92	32.98	0.451
92	32.97	0.545
45	32.95	0.735
78	32.95	0.783
Std Dev	32.92	1.000
275	32.86	1.636
52	32.85	1.684
78	32.83	1.874

204	Automated -AOAC 978.01-15th	
Lab	%	P2O5
24	33.21	-2.010
Std Dev	33.12	-1.000
24	33.12	-0.949
13	33.09	-0.670
21	33.04	-0.056
77	33.03	0.000
Median	33.03	0.000
13	33.01	0.279
61	32.97	0.670
21	32.95	0.893
Std Dev	32.94	1.000
61	32.92	1.228

205	Other(describe)	
Lab	%	P2O5
56	33.05	-1.340
Std Dev	33.03	-1.000
Median	32.98	0.000
Std Dev	32.92	1.000
19	32.90	1.340

211	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	dB
77	33.64		-1.365
Std Dev	33.55		-1.000
241	33.31		0.000
Median	33.31		0.000
Std Dev	33.07		1.000
55	33.00		1.315

212	ICP-inducted coupled plasma AFPC IX.3.D		
Lab	%	P2O5	dB
10	33.45		-0.548
10	33.43		-0.360
6	33.40		0.000
Median	33.40		0.000
6	33.31		0.980
Std Dev	33.31		1.000
266	32.51		10.021

213	Photometric-AFPC IX.3.C		
Lab	%	P2O5	dB
49	33.52		-0.685
30	33.47		-0.461
26	33.47		-0.444
9	33.42		-0.139
9	33.40		-0.055
Median	33.39		0.000
35	33.38		0.055
52	33.22		0.961
275	33.21		0.976
Std Dev	33.21		1.000
35	33.15		1.325
275	33.05		1.887

214	Automated -AOAC 978.01-15th		
Lab	%	P2O5	dB
24	33.55		-1.457
Std Dev	33.49		-1.000
13	33.46		-0.821
24	33.45		-0.689
21	33.41		-0.404
13	33.36		0.000
Median	33.36		0.000
21	33.34		0.143
61	33.27		0.651
61	33.27		0.702
77	33.27		0.714

215	Other(describe)		
Lab	%	P2O5	dB
56	33.08		0.000
Median	33.08		0.000

301	Atomic Absorption-AFPC IX.6.B	
Lab	%	Fe2O3
55	1.11	-0.298
241	1.09	0.000
Median	1.09	0.000
Std Dev	1.02	1.000
60	0.93	2.382

302	ICP-inducted coupled plasma-AFPC IX.6.C	
Lab	%	Fe2O3
35	1.22	-2.625
35	1.22	-2.625
21	1.15	-1.094
Std Dev	1.15	-1.000
78	1.14	-0.875
78	1.14	-0.766

266	1.13	-0.656
6	1.11	-0.219
10	1.11	-0.219
6	1.11	-0.109
21	1.11	-0.109
9	1.10	0.000
10	1.10	0.000
13	1.10	0.000
13	1.10	0.000
49	1.10	0.000
270	1.10	0.000
Median	1.10	0.000
9	1.08	0.438
45	1.06	0.875
45	1.06	0.875
61	1.06	0.875
61	1.06	0.984
Std Dev	1.05	1.000
92	1.03	1.531
275	1.03	1.531
92	1.01	1.969
275	1.01	2.013
24	0.98	2.625
24	0.98	2.625
52	0.92	4.025

303 Other(describe)

Lab	%	Fe2O3
77	1.23	-0.536
56	1.21	0.000
77	1.21	0.000
Median	1.21	0.000
Std Dev	1.17	1.000
65	1.16	1.340
19	1.06	4.020

401 Atomic Absorption-AFPC IX.6.B

Lab	%	Al2O3
55	1.50	-1.340
Std Dev	1.50	-1.000
Median	1.49	0.000
Std Dev	1.47	1.000
241	1.47	1.340

402 ICP-inducted coupled plasma-AFPC IX.6.C

Lab	%	Al2O3
35	1.90	-3.107
52	1.76	-2.171
35	1.76	-2.151
266	1.75	-2.083
61	1.69	-1.639
61	1.65	-1.366
78	1.62	-1.195
78	1.62	-1.161
Std Dev	1.59	-1.000
270	1.53	-0.580
275	1.52	-0.495
275	1.51	-0.457
92	1.49	-0.307
92	1.47	-0.171
24	1.46	-0.068
Median	1.45	0.000
6	1.44	0.068
10	1.43	0.102
24	1.43	0.102
13	1.43	0.137
6	1.42	0.171
10	1.42	0.171
13	1.42	0.171
21	1.42	0.171
49	1.42	0.171
9	1.41	0.273
9	1.40	0.341
45	1.39	0.376
45	1.39	0.376
21	1.39	0.410

403 Other(describe)

Lab	%	Al2O3
65	1.69	-0.987
77	1.60	-0.353
77	1.55	0.000
Median	1.55	0.000
56	1.41	0.987
Std Dev	1.41	1.000
19	1.30	1.763

501 Atomic Absorption-AFPC IX.8.A

Lab	%	MgO
35	0.38	-4.020
Std Dev	0.36	-1.000
35	0.35	0.000
241	0.35	0.000
Median	0.35	0.000
Std Dev	0.34	1.000
55	0.34	1.340
60	0.33	3.350

502 ICP-inducted coupled plasma-AFPC IX.8.B

Lab	%	MgO
61	0.38	-2.602
49	0.36	-1.041
78	0.36	-1.041
270	0.36	-1.041
Std Dev	0.36	-1.000
9	0.36	-0.520
13	0.36	-0.520
21	0.36	-0.520
6	0.35	0.000
6	0.35	0.000
9	0.35	0.000
10	0.35	0.000
10	0.35	0.000
13	0.35	0.000
21	0.35	0.000
61	0.35	0.000
92	0.35	0.000
266	0.35	0.000
Median	0.35	0.000
78	0.35	0.520
24	0.34	0.677
Std Dev	0.34	1.000
24	0.34	1.041
45	0.34	1.041
45	0.34	1.041
92	0.34	1.041
275	0.31	3.851
275	0.31	4.059
52	0.28	7.806

503 Other(describe)

Lab	%	MgO
77	0.42	-1.608
77	0.41	-1.340
Std Dev	0.40	-1.000
19	0.36	0.000
65	0.36	0.000
Median	0.36	0.000
56	0.33	0.804

601 Insoluble-AFPC IX.4.A

Lab	%	Al
6	3.38	-1.553
Std Dev	3.32	-1.000
24	3.27	-0.617
49	3.24	-0.362
24	3.24	-0.319
10	3.23	-0.277
10	3.23	-0.277
13	3.23	-0.277
45	3.21	-0.106
9	3.21	-0.064
26	3.21	-0.064
55	3.20	-0.021
Median	3.20	0.000
9	3.20	0.021
13	3.13	0.574
30	3.13	0.574
35	3.12	0.659
35	3.08	1.000
Std Dev	3.08	1.000
21	3.07	1.085
61	3.05	1.297
6	3.04	1.340
61	2.90	2.531
45	2.66	4.573
21	2.63	4.871

602 Other(describe)

Lab	%	Al
266	3.75	-1.340
Std Dev	3.72	-1.000
Median	3.63	0.000
Std Dev	3.53	1.000

19	3.50	1.340

651	Gasometric-AFPC IX.13.B	
Lab	%	CO2
61	4.53	-11.864
61	4.31	-9.275
Std Dev	3.62	-1.000
21	3.62	-0.964
13	3.60	-0.723
49	3.57	-0.361
9	3.56	-0.241
9	3.56	-0.241
Median	3.54	0.000
21	3.52	0.241
52	3.50	0.482
13	3.49	0.662
77	3.48	0.723
6	3.47	0.903
Std Dev	3.46	1.000
24	3.32	2.710
24	3.23	3.794

652	Other(describe)	
Lab	%	CO2
35	7.85	-7.572
35	7.80	-7.482
Std Dev	4.20	-1.000
78	4.05	-0.737
78	3.85	-0.378
65	3.69	-0.090
56	3.64	0.000
Median	3.64	0.000
55	3.46	0.324
6	3.27	0.666
275	3.14	0.899
275	3.13	0.917
Std Dev	3.08	1.000
266	2.93	1.277

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

702	ICP-inducted coupled plasma-AFPC IX.12.D	
Lab	%	CaO
61	52.27	-15.210
270	49.86	-6.822
61	49.10	-4.177
21	48.93	-3.568
78	48.24	-1.183
Std Dev	48.19	-1.000
45	48.11	-0.731
9	48.01	-0.383
78	48.01	-0.383
21	47.95	-0.157
6	47.90	0.000
Median	47.90	0.000
6	47.88	0.087
13	47.86	0.157
10	47.79	0.383
13	47.79	0.383
49	47.79	0.383
9	47.78	0.435
10	47.67	0.801
Std Dev	47.61	1.000
92	46.77	3.933
92	46.69	4.211

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

704	Permanganate	
Lab	%	CaO
241	47.92	-1.340
Std Dev	47.87	-1.000
Median	47.73	0.000
Std Dev	47.60	1.000
60	47.55	1.340

705	EDTA Volumetric-AFPC IX.12.C	
Lab	%	CaO
266	48.61	-2.496
Std Dev	47.79	-1.000
35	47.25	0.000
Median	47.25	0.000
35	47.15	0.184

706	Other(describe)	
Lab	%	CaO
55	48.39	-1.170
Std Dev	48.32	-1.000
56	48.10	-0.478
19	48.03	-0.310
77	48.00	-0.239
Median	47.90	0.000
77	47.80	0.239
24	47.53	0.883
Std Dev	47.48	1.000
24	47.36	1.301
65	47.29	1.456

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

712	ICP-inducted coupled plasma-AFPC IX.12.D		
Lab	%	CaO	dB
61	52.74		-36.846
61	49.63		-10.641
21	49.50		-9.594
21	48.49		-1.062
Std Dev	48.48		-1.000
9	48.48		-0.935
13	48.37		-0.029
6	48.36		0.000
Median	48.36		0.000
6	48.35		0.130
49	48.35		0.154
10	48.33		0.278
13	48.33		0.278
9	48.25		0.939
Std Dev	48.25		1.000
10	48.21		1.340

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

714	Permanganate		
Lab	%	CaO	dB
241	48.37		0.000
Median	48.37		0.000

715	EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO	dB
266	49.15		-2.159
Std Dev	48.38		-1.000
35	47.72		0.000
Median	47.72		0.000
35	47.38		0.521

716	Other(describe)		
Lab	%	CaO	dB
55	48.52		-1.973
77	48.34		-1.034
Std Dev	48.34		-1.000
77	48.15		-0.022
Median	48.15		0.000
56	48.14		0.022
24	48.01		0.738
Std Dev	47.96		1.000
24	47.84		1.646

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
52	3.95	-1.372
Std Dev	3.89	-1.000
21	3.83	-0.583
35	3.79	-0.363
49	3.77	-0.236
13	3.76	-0.173
21	3.76	-0.173
13	3.76	-0.142
270	3.75	-0.110
26	3.75	-0.079
Median	3.73	0.000
30	3.72	0.079
9	3.72	0.079
6	3.67	0.394
9	3.63	0.646

Std Dev	3.57	1.000
266	3.52	1.340
24	3.23	3.200
24	3.15	3.673
55	2.82	5.754
35	2.74	6.259

803 Oher(describe)

Lab	%	Fluorine, F
19	3.90	-2.457
Std Dev	3.83	-1.000
65	3.82	-0.670
77	3.79	0.000
Median	3.79	0.000
77	3.76	0.670
Std Dev	3.75	1.000
6	3.67	2.680

911 Atomic Absorption-AFPC

Lab	ppm	Arsenic, As
Median	0.0	0.000

912 ICP-inducted coupled plasma-AFPC IX.15.B

Lab	ppm	Arsenic, As
35	16.0	-5.206
35	12.0	-2.121
61	10.8	-1.195
Std Dev	10.5	-1.000
24	9.5	-0.154
270	9.5	-0.154
24	9.3	0.000
78	9.3	0.000
Median	9.3	0.000
78	8.5	0.578
77	8.1	0.887
Std Dev	8.0	1.000
266	7.9	1.041
61	6.2	2.341
52	6.2	2.352

913 Other(describe)

Lab	ppm	Arsenic, As
13	8.8	-1.340
Std Dev	8.7	-1.000
Median	8.5	0.000
Std Dev	8.3	1.000
77	8.2	1.340

921 Atomic Absorption-AFPC IX.11.A

Lab	ppm	Cadmium, Cd
55	3	0.000
Median	3	0.000

922 ICP-inducted coupled plasma-AFPC IX.11.B

Lab	ppm	Cadmium, Cd
78	8	-3.556
78	8	-3.484
61	6	-1.001
Std Dev	6	-1.000
61	6	-0.893
35	6	-0.357
45	6	-0.357
52	6	-0.357
24	6	0.000
270	6	0.000
Median	6	0.000
24	6	0.447
266	5	0.661
77	5	0.715
275	5	0.983
Std Dev	5	1.000
77	5	1.072
275	5	1.084
35	5	1.429
45	5	1.429

923 Other(describe)

Lab	ppm	Cadmium, Cd
13	6	0.000
Median	6	0.000

931 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Cobalt, Co
55	3	0.000
Median	3	0.000

932 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Cobalt, Co
78	6	-10.452
78	6	-10.452
35	4	-3.305
61	4	-1.876
Std Dev	3	-1.000
77	3	-0.804
61	3	-0.643
270	3	-0.447
77	3	-0.089
Median	3	0.000
24	3	0.089
24	3	0.089
35	3	0.268
45	3	0.268
45	3	0.268
266	3	0.268
Std Dev	3	1.000
275	3	1.599
275	3	1.887

933 Other(describe)

Lab	ppm	Cobalt, Co
13	3	0.000
Median	3	0.000

941 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Mercury, Hg
Median	0.0	0.000

942 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Mercury, Hg
35	1.0	-4.851
Std Dev	0.3	-1.000
266	0.1	0.000
270	0.1	0.000
Median	0.1	0.000
35	0.0	0.509

943 Other(describe)

Lab	ppm	Mercury, Hg
52	35.0	-1.340
Std Dev	30.6	-1.000
Median	17.6	0.000
Std Dev	4.6	1.000
13	0.1	1.340

951 Atomic Absorption-AFPC IX.16.B

Lab	ppm	lolybdenum, Mo
55	7	0.000
Median	7	0.000

952 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	lolybdenum, Mo
45	9	-2.231
45	9	-2.231
266	8	-1.078
Std Dev	8	-1.000
61	8	-0.999
270	7	-0.295
61	6	-0.013
Median	6	0.000
78	6	0.013
78	6	0.013
77	6	0.233
77	6	0.585
Std Dev	5	1.000
24	5	1.553
24	4	1.993

953 Other(describe)

Lab	ppm	lolybdenum, Mo
13	8	0.000
Median	8	0.000

961 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Nickel, Ni
55	4	0.000
Median	4	0.000

962 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Nickel, Ni
35	16	-3.797
35	14	-2.680
61	12	-1.284
45	11	-1.005
45	11	-1.005
Std Dev	11	-1.000
61	10	-0.455

52	10	-0.391
275	9	-0.134
77	9	0.000
Median	9	0.000
270	9	0.112
275	9	0.238
266	9	0.279
77	9	0.335
78	8	0.670
78	8	0.670
Std Dev	7	1.000
24	7	1.089
24	7	1.284

963 Other(describe)

Lab	ppm	Nickel, Ni
19	15	-1.340
Std Dev	14	-1.000
Median	13	0.000
Std Dev	11	1.000
13	11	1.340

971 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Lead, Pb
55	3	0.000
Median	3	0.000

972 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Lead, Pb
35	29	-3.084
61	25	-1.986
61	21	-1.028
Std Dev	21	-1.000
266	20	-0.784
275	19	-0.420
275	18	-0.146
270	17	-0.052
Median	17	0.000
35	17	0.052
78	16	0.366
78	15	0.627
77	15	0.653
77	14	0.784
Std Dev	13	1.000
24	10	1.908
24	8	2.483

973 Other(describe)

Lab	ppm	Lead, Pb
13	15	0.000
Median	15	0.000

981 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Selenium, Se
Median	0	0.000

982 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Selenium, Se
266	6	-2.629
Std Dev	3	-1.000
77	1	0.000
Median	1	0.000
77	1	0.051

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	73	-1.000
Median	69	0.000
Std Dev	65	1.000
55	63	1.340

992 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Zinc, Zn
24	113	-4.391
24	92	-2.530
61	89	-2.223
61	79	-1.313
Std Dev	75	-1.000
275	73	-0.797
52	71	-0.634
275	68	-0.329
78	67	-0.226
35	64	0.000
35	64	0.000
Median	64	0.000
78	63	0.091
266	60	0.371
45	58	0.543
45	56	0.724
77	56	0.724
77	55	0.815
270	55	0.815

993 Other(describe)

Lab	ppm	Zinc, Zn
19	69	-0.102
13	68	0.000
Median	68	0.000
Std Dev	63	1.000
19	55	2.578