AFPC Rock Check Program

Sample No. 2016-08

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	30	1.54	0.134
Other (describe)	102			
Method Group 100		30	1.54	0.13
P_2O_5				
Gravimetric AFPC IX.3.B	201	5	30.19	0.067
ICP-inducted coupled plasma AFPC IX.3.D	202	3	30.20	0.160
Photometric-AFPC IX.3.C	203	18	30.25	0.202
Automated -AOAC 978.01-15th	204	10	30.18	0.204
Other(describe)	205	1	30.00	0.000
Method Group 200		37	30.20	0.17
P_2O_5 (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	3	30.54	0.085
ICP-inducted coupled plasma AFPC IX.3.D	212	3	30.69	0.238
Photometric-AFPC IX.3.C	213	14	30.71	0.241
Automated -AOAC 978.01-15th	214	10	30.60	0.157
Other(describe)	215			
Method Group 210		30	30.65	0.20
Fe_2O_3				
Atomic Absorption-AFPC IX.6.B	301	2	0.65	0.069
ICP-inducted coupled plasma-AFPC IX.6.C	302	28	0.51	0.233
Other(describe)	303	4	0.59	0.009
Method Group 300		34	0.53	0.24
Al_2O_3				
Atomic Absorption-AFPC IX.7.B	401	2	0.49	0.120
ICP-inducted coupled plasma-AFPC IX.7.C	402	27	0.33	0.030
Other(describe)	403	6	0.43	0.028
Method Group 400		35	0.36	0.06
MgO				
Atomic Absorption-AFPC IX.8.A	501	4	0.60	0.094
ICP-inducted coupled plasma-AFPC IX.8.B	502	26	0.57	0.021
Other(describe)	503	4	0.56	0.066
Method Group 500		34	0.57	0.04
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	15	1.81	0.243
Other(describe)	602	5	1.79	0.201
Method Group 600		20	1.80	0.22
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	16	5.66	0.576
Other(describe)	652	6	5.97	6.644
Method Group 650		22	5.71	0.61
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-inducted coupled plasma-AFPC IX.12.D	702	19	48.37	0.397
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	48.58	0.108
EDTA Volumetric-AFPC IX.12.C	705	3	49.24	0.216
Other(describe)	706	8	48.11	0.547
Method Group 700		32	48.40	0.53
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-inducted coupled plasma-AFPC IX.12.D	712	15	49.12	0.360
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	2	49.10	0.033
EDTA Volumetric-AFPC IX.12.C	715	3	49.96	0.111
Other(describe)	716	6	48.92	0.242
Method Group 710		26	49.11	0.41

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	20	3.56	0.105
Oher(describe)	803	3	3.46	0.093
Method Group 800		23	3.56	0.11
Arsenic, As				
Atomic Absorption	911	1	9.0	0.00
ICP-inducted coupled plasma-AFPC IX.15.B	912	11	15.8	3.25
Other(describe)	913	3	14.0	5.60
Method Group 900		15	15.5	3.08
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	42	0.0
ICP-inducted coupled plasma-AFPC IX.11.B	922	14	41	4.3
Other(describe)	923	2	34	4.9
Method Group 910		17	41	4.5
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	1	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	932	13	3	1.7
Other(describe)	933	2	3	1.1
Method Group 920		16	3	2.0
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941	3	0.2	0.10
ICP-inducted coupled plasma-AFPC IX.16.A	942	3	0.5	0.35
Other(describe)	943	2	0.7	0.18
Method Group 930		8	0.4	0.35
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	18	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	952	9	8	1.2
Other(describe)	953	2	5	3.5
Method Group 940		12	8	1.5
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	14	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	962	14	20	3.3
Other(describe)	963	2	19	2.6
Method Group 950		17	20	3.4
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	6	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	972	11	2	1.5
Other(describe)	973	2	4	0.3
Method Group 960		14	3	1.9
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981	1	28	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	982	3	2	0.1
Other(describe)	983	2	24	13.6
Method Group 970		6	4	15.1
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	33	0
ICP-inducted coupled plasma-AFPC IX.16.A	992	14	329	41
Other(describe)	993	2	157	114
Method Group 980		17	325	31

101	Ground Sample AFPC IX.2.A	
Lab	%	H_2O
266	2.20	-4.951
21	1.79	-1.898
21	1.72	-1.340
75	1.71	-1.303
Std Dev	1.67	-1.000
24	1.66	-0.931
26	1.64	-0.782
24	1.64	-0.744
6	1.63	-0.670
75	1.63	-0.670
52	1.62	-0.633
10	1.61	-0.558
61	1.60	-0.484
10	1.57	-0.261
6	1.55	-0.112
275	1.54	-0.037
Median	1.54	0.000
49	1.53	0.037
275	1.50	0.261
13	1.50	0.298
9	1.47	0.484
13	1.47	0.484
9	1.47	0.521
30	1.46	0.558
35	1.44	0.707
55	1.43	0.782
Std Dev	1.40	1.000
61	1.19	2.606
15	1.00	3.983
241	0.69	6.291
35	0.47	7.928
77	0.45	8.077
77	0.36	8.747

102	Other (describe)	
Lab	%	H_2O
Median	0.00	0.000

201	Gravimetric AFPC IX.3.B	
Lab	%	P2O5
77	30.40	-3.127
65	30.28	-1.340
Std Dev	30.26	-1.000
55	30.19	0.000
241	30.19	0.000
Median	30.19	0.000
56	30.18	0.149

202	ICP-inducted coupled plasma AFPC IX.3.D	
Lab	%	P2O5
266	30.61	-2.555
Std Dev	30.36	-1.000
10	30.20	0.000
Median	30.20	0.000
10	30.18	0.125

203	Photometric-AFPC IX.3.C	
Lab	%	P2O5
78	30.56	-1.552
35	30.48	-1.157
61	30.48	-1.157
Std Dev	30.45	-1.000
9	30.43	-0.910
6	30.41	-0.787
30	30.33	-0.416
49	30.32	-0.367
35	30.26	-0.070
9	30.25	-0.021
Median	30.25	0.000
275	30.24	0.021
92	30.18	0.325
275	30.17	0.379
6	30.16	0.424
78	30.10	0.720
92	30.05	0.967
Std Dev	30.04	1.000
26	29.97	1.362
52	29.85	1.955
61	29.70	2.721

204	Automated -AOAC 978.01-15th	
Lab	%	P2O5
77	30.35	-0.832
13	30.34	-0.759
24	30.31	-0.612
13	30.25	-0.343
21	30.22	-0.171
Median	30.18	0.000
24	30.15	0.171
75	30.04	0.685
21	30.01	0.832
75	30.00	0.906
Std Dev	29.98	1.000
15	27.61	12.605

205	Other(describe)	
Lab	%	P2O5
56	30.00	0.000
Median	30.00	0.000

211	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	dB
55	30.63		-1.063
Std Dev	30.62		-1.000
77	30.54		0.000
Median	30.54		0.000
Std Dev	30.45		1.000
241	30.40		1.617

212	ICP-inducted coupled plasma AFPC IX.3.D		
Lab	%	P2O5	dB
266	31.30		-2.542
Std Dev	30.93		-1.000
10	30.69		0.000
Median	30.69		0.000
10	30.66		0.138

213	Photometric-AFPC IX.3.C		
Lab	%	P2O5	dB
35	30.93		-0.907
6	30.91		-0.831
9	30.88		-0.735
61	30.85		-0.575
49	30.79		-0.349
30	30.78		-0.300
275	30.71		-0.031
Median	30.71		0.000
9	30.70		0.031
6	30.63		0.300
275	30.63		0.327
26	30.47		0.986
Std Dev	30.47		1.000
35	30.40		1.264
52	30.34		1.519
61	30.18		2.199

214	Automated -AOAC 978.01-15th		
Lab	%	P2O5	dB
24	30.82		-1.370
13	30.80		-1.235
Std Dev	30.76		-1.000
21	30.74		-0.897
13	30.70		-0.636
24	30.65		-0.284
Median	30.60		0.000
21	30.56		0.284
75	30.54		0.416
75	30.52		0.540
77	30.46		0.904
Std Dev	30.44		1.000
15	27.88		17.315

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

301	Atomic Absorption-AFPC IX.6.B	
Lab	%	Fe2O3
55	0.74	-1.340
Std Dev	0.72	-1.000
Median	0.65	0.000
Std Dev	0.58	1.000
241	0.55	1.340

302	ICP-inducted coupled plasma-AFPC IX.6.C	
Lab	%	Fe2O3
15	1.08	-2.439
Std Dev	0.74	-1.000
35	0.64	-0.576
35	0.63	-0.533
78	0.63	-0.512
266	0.61	-0.448
78	0.60	-0.383
75	0.59	-0.346

61	0.58	-0.319
61	0.58	-0.298
75	0.57	-0.259
92	0.54	-0.148
92	0.52	-0.062
24	0.51	-0.019
24	0.51	-0.019
Median	0.51	0.000
275	0.50	0.019
275	0.47	0.171
52	0.44	0.281
9	0.28	0.966
Std Dev	0.27	1.000
6	0.27	1.009
21	0.27	1.009
21	0.27	1.009
6	0.27	1.030
9	0.27	1.030
10	0.26	1.052
10	0.26	1.052
13	0.26	1.052
13	0.25	1.094
49	0.22	1.223

303 Other(describe)

Lab	%	Fe2O3
77	0.63	-4.661
Std Dev	0.60	-1.000
56	0.59	0.000
77	0.59	0.000
Median	0.59	0.000
65	0.58	0.699

401 Atomic Absorption-AFPC IX.6.B

Lab	%	Al2O3
55	0.65	-1.340
Std Dev	0.61	-1.000
Median	0.49	0.000
Std Dev	0.37	1.000
241	0.33	1.340

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

Lab	%	Al2O3
15	0.96	-20.868
266	0.42	-2.945
35	0.41	-2.610
35	0.41	-2.610
61	0.38	-1.605
78	0.38	-1.438
Std Dev	0.36	-1.000
21	0.36	-0.935
78	0.36	-0.935
92	0.36	-0.935
21	0.36	-0.768
61	0.36	-0.768
275	0.35	-0.567
9	0.35	-0.433
75	0.33	0.000
Median	0.33	0.000
24	0.33	0.070
92	0.33	0.070
75	0.33	0.152
9	0.33	0.237
10	0.32	0.405
10	0.32	0.405
49	0.32	0.405
24	0.32	0.572
6	0.31	0.740
6	0.31	0.740
13	0.31	0.740
52	0.31	0.740
13	0.31	0.907

403 Other(describe)

Lab	%	Al2O3
65	1.16	-26.332
Std Dev	0.46	-1.000
77	0.45	-0.719
77	0.44	-0.360
Median	0.43	0.000
30	0.42	0.360
275	0.41	0.827
Std Dev	0.40	1.000
56	0.39	1.439

501 Atomic Absorption-AFPC IX.8.A

Lab	%	MgO
35	0.68	-0.876
35	0.63	-0.345
Median	0.60	0.000
241	0.57	0.345
Std Dev	0.50	1.000
55	0.37	2.415

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

Lab	%	MgO
61	0.61	-1.864
61	0.61	-1.631
Std Dev	0.59	-1.000
49	0.59	-0.932
6	0.59	-0.699
21	0.59	-0.699
21	0.59	-0.699
10	0.58	-0.466
10	0.58	-0.466
266	0.58	-0.466
6	0.58	-0.233
9	0.58	-0.233
78	0.57	0.000
13	0.57	0.000
13	0.57	0.000
15	0.57	0.000
Median	0.57	0.000
24	0.57	0.233
275	0.56	0.396
9	0.56	0.699
78	0.56	0.699
24	0.55	0.932
Std Dev	0.55	1.000
275	0.53	1.818
75	0.50	3.206
92	0.50	3.263
75	0.49	3.658
92	0.49	3.729
52	0.41	7.457

503 Other(describe)

Lab	%	MgO
56	0.59	-0.530
77	0.58	-0.379
Median	0.56	0.000
77	0.53	0.379
Std Dev	0.49	1.000
65	0.39	2.559

601 Insoluble-AFPC IX.4.A

Lab	%	Al
15	15.19	-55.146
55	3.56	-7.215
Std Dev	2.05	-1.000
10	1.87	-0.247
9	1.87	-0.227
49	1.86	-0.206
10	1.84	-0.124
13	1.82	-0.021
61	1.81	0.000
Median	1.81	0.000
13	1.79	0.082
9	1.74	0.289
24	1.59	0.928
Std Dev	1.57	1.000
21	1.49	1.319
24	1.47	1.402
30	1.40	1.690
26	1.25	2.309

602 Other(describe)

Lab	%	Al
6	2.03	-1.166
Std Dev	1.99	-1.000
266	1.85	-0.298
6	1.79	0.000
Median	1.79	0.000
Std Dev	1.59	1.000
275	1.58	1.042
275	1.55	1.179

651 Gasometric-AFPC IX.13.B

Lab	%	CO2
77	.	0.000
61	6.25	-1.019
Std Dev	6.24	-1.000
52	6.10	-0.759
6	6.04	-0.646
24	6.02	-0.611
6	5.96	-0.516

30	5.96	-0.516
77	5.90	-0.412
24	5.88	-0.369
Median	5.66	0.000
9	5.45	0.369
13	5.32	0.603
13	5.29	0.655
9	5.24	0.733
Std Dev	5.09	1.000
21	5.09	1.002
61	5.04	1.088
49	5.02	1.114
15	4.06	2.780

652 Other(describe)

Lab	%	CO2
78	17.39	-1.718
78	16.80	-1.630
Std Dev	12.61	-1.000
65	6.39	-0.063
Median	5.97	0.000
55	5.55	0.063
266	5.21	0.114
56	4.90	0.161

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
92	49.12	-1.900
61	48.97	-1.522
61	48.93	-1.409
Std Dev	48.76	-1.000
13	48.75	-0.956
78	48.63	-0.667
21	48.63	-0.654
92	48.53	-0.415
13	48.48	-0.289
9	48.38	-0.025
6	48.37	0.000
Median	48.37	0.000
10	48.35	0.038
6	48.34	0.075
9	48.32	0.126
10	48.21	0.390
49	47.98	0.969
Std Dev	47.97	1.000
78	47.62	1.887
75	46.84	3.845
75	44.44	9.869
52	43.30	12.746

703 Ceric Sulfate volumetric-AFPC IX.12.B

Lab	%	CaO
Median	0.00	0.000

704 Permanganate

Lab	%	CaO
241	48.72	-1.340
Std Dev	48.68	-1.000
Median	48.58	0.000
Std Dev	48.47	1.000
30	48.43	1.340

705 EDTA Volumetric-AFPC IX.12.C

Lab	%	CaO
35	49.73	-2.264
Std Dev	49.46	-1.000
35	49.24	0.000
Median	49.24	0.000
266	49.15	0.416

706 Other(describe)

Lab	%	CaO
77	49.20	-1.994
77	48.80	-1.262
Std Dev	48.66	-1.000
56	48.55	-0.805
24	48.16	-0.082
Median	48.11	0.000
24	48.07	0.082
55	47.92	0.348
65	47.76	0.640
Std Dev	47.56	1.000
15	41.60	11.909

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	49.72		-1.667
61	49.56		-1.213
21	49.51		-1.085
Std Dev	49.48		-1.000
13	49.47		-0.976
13	49.22		-0.263
6	49.13		-0.034
6	49.13		-0.015
10	49.12		0.000
Median	49.12		0.000
9	49.09		0.075
9	49.04		0.237
10	49.00		0.340
Std Dev	48.76		1.000
49	48.73		1.101
75	47.61		4.201
75	45.22		10.860
52	44.01		14.207

713 Ceric Sulfate volumetric-AFPC IX.12.B

Lab	%	CaO	dB
Median	0.00		0.000

714 Permanganate

Lab	%	CaO	dB
30	49.15		-1.340
Std Dev	49.14		-1.000
Median	49.10		0.000
Std Dev	49.07		1.000
241	49.06		1.340

715 EDTA Volumetric-AFPC IX.12.C

Lab	%	CaO	dB
266	50.26		-2.631
Std Dev	50.08		-1.000
35	49.96		0.000
Median	49.96		0.000
35	49.96		0.049

716 Other(describe)

Lab	%	CaO	dB
77	49.38		-1.911
Std Dev	49.16		-1.000
77	49.02		-0.433
24	48.96		-0.164
Median	48.92		0.000
24	48.88		0.164
Std Dev	48.67		1.000
55	48.62		1.244
15	42.02		28.535

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	4.15	-5.621
35	3.88	-3.059
35	3.87	-2.965
266	3.69	-1.257
Std Dev	3.66	-1.000
21	3.66	-0.972
55	3.60	-0.403
6	3.59	-0.261
26	3.59	-0.261
75	3.57	-0.119
75	3.56	-0.024
Median	3.56	0.000
6	3.56	0.024
49	3.53	0.261
9	3.51	0.498
13	3.49	0.688
30	3.48	0.735
13	3.46	0.972
Std Dev	3.45	1.000
9	3.44	1.162
24	3.28	2.680
24	3.26	2.822
15	3.25	2.965

803 Oher(describe)

Lab	%	Fluorine, F
65	3.62	-1.715
Std Dev	3.55	-1.000
77	3.46	0.000
Median	3.46	0.000
77	3.37	0.965

911 Atomic Absorption-AFPC

Lab	ppm	Arsenic, As
55	9.0	0.000
Median	9.0	0.000

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

Lab	ppm	Arsenic, As
61	22.4	-2.018
61	20.1	-1.309
35	20.0	-1.294
Std Dev	19.0	-1.000
35	18.0	-0.678
78	16.3	-0.139
24	15.8	0.000
Median	15.8	0.000
78	15.5	0.092
24	15.3	0.154
77	14.0	0.554
Std Dev	12.6	1.000
52	12.0	1.171
266	11.7	1.263

913 Other(describe)

Lab	ppm	Arsenic, As
13	16.0	-0.357
77	14.0	0.000
Median	14.0	0.000
Std Dev	8.4	1.000
15	1.0	2.323

921 Atomic Absorption-AFPC IX.11.A

Lab	ppm	Cadmium, Cd
55	42	0.000
Median	42	0.000

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

Lab	ppm	Cadmium, Cd
61	45	-0.965
61	45	-0.953
78	44	-0.627
77	42	-0.259
75	42	-0.178
75	41	-0.062
77	41	-0.027
Median	41	0.000
78	41	0.027
52	40	0.204
Std Dev	37	1.000
24	37	1.015
35	36	1.130
24	35	1.316
35	35	1.362
266	29	2.798

923 Other(describe)

Lab	ppm	Cadmium, Cd
13	41	-1.340
Std Dev	39	-1.000
Median	34	0.000
Std Dev	29	1.000
15	28	1.340

931 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Cobalt, Co
55	1	0.000
Median	1	0.000

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

Lab	ppm	Cobalt, Co
78	5	-1.020
78	5	-1.020
Std Dev	5	-1.000
35	4	-0.437
35	4	-0.437
24	4	-0.262
266	3	-0.087
24	3	0.000
Median	3	0.000
77	2	0.728
61	2	0.787
61	2	0.903
Std Dev	2	1.000
75	1	1.136
77	1	1.311
75	1	1.398

933 Other(describe)

Lab	ppm	Cobalt, Co
13	4	-1.340
Std Dev	4	-1.000
Median	3	0.000
Std Dev	1	1.000
15	1	1.340

941 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Mercury, Hg
55	0.4	-2.351
Std Dev	0.3	-1.000
275	0.2	0.000
Median	0.2	0.000
275	0.1	0.329

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

Lab	ppm	Mercury, Hg
35	1.0	-1.414
Std Dev	0.9	-1.000
35	0.5	0.000
Median	0.5	0.000
Std Dev	0.1	1.000
266	0.1	1.266

943 Other(describe)

Lab	ppm	Mercury, Hg
15	1.0	-1.340
Std Dev	0.9	-1.000
Median	0.7	0.000
Std Dev	0.5	1.000
13	0.5	1.340

951 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Molybdenum, Mo
55	18	0.000
Median	18	0.000

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

Lab	ppm	lolybdenum, Mo
61	11	-2.099
61	9	-1.130
266	9	-1.017
Std Dev	9	-1.000
78	8	-0.161
77	8	0.000
77	8	0.000
Median	8	0.000
24	8	0.323
24	8	0.404
78	7	0.484

953 Other(describe)

Lab	ppm	lolybdenum, Mo
13	10	-1.340
Std Dev	9	-1.000
Median	5	0.000
Std Dev	2	1.000
15	1	1.340

961 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Nickel, Ni
55	14	0.000
Median	14	0.000

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

Lab	ppm	Nickel, Ni
266	24	-1.224
61	23	-1.075
Std Dev	23	-1.000
52	23	-0.985
61	23	-0.926
78	22	-0.537
78	20	-0.090
75	20	-0.030
Median	20	0.000
75	20	0.030
77	19	0.209
77	19	0.209
24	18	0.612
24	18	0.627

Std Dev	16	1.000
35	14	1.702
35	13	2.001

963	Other(describe)	
Lab	ppm	Nickel, Ni
13	22	-1.340
Std Dev	21	-1.000
Median	19	0.000
Std Dev	16	1.000
15	15	1.340

971	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Lead, Pb
55	6	0.000
Median	6	0.000

972	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Lead, Pb
61	10	-5.583
61	8	-3.744
266	4	-1.268
Std Dev	3	-1.000
35	3	-0.755
35	3	-0.755
78	2	0.000
Median	2	0.000
24	2	0.164
24	1	0.328
78	1	0.328
Std Dev	0	1.000
77	0	1.215
77	0	1.215

973	Other(describe)	
Lab	ppm	Lead, Pb
15	4	-1.340
Std Dev	4	-1.000
Median	4	0.000
Std Dev	3	1.000
13	3	1.340

981	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Selenium, Se
55	28	0.000
Median	28	0.000

982	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Selenium, Se
266	2	-2.680
Std Dev	2	-1.000
77	2	0.000
77	2	0.000
Median	2	0.000

983	Other(describe)	
Lab	ppm	Selenium, Se
15	42	-1.340
Std Dev	37	-1.000
Median	24	0.000
Std Dev	10	1.000
13	5	1.340

991	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Zinc, Zn
55	33	0.000
Median	33	0.000

992	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
24	395	-1.623
61	392	-1.558
24	390	-1.498
61	386	-1.415
Std Dev	369	-1.000
78	342	-0.331
52	332	-0.086
77	329	-0.012
Median	329	0.000
75	328	0.012
78	325	0.098
75	322	0.157
77	320	0.209
266	300	0.699
35	296	0.797
35	294	0.846

993	Other(describe)	
Lab	ppm	Zinc, Zn
13	310	-1.340
Std Dev	271	-1.000
Median	157	0.000
Std Dev	42	1.000
15	3	1.340