AFPC Rock Check Program

Sample No. 2016-01

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	28	0.82	0.120
Other (describe)	102			
Method Group 100		28	0.82	0.12
P_2O_5				
Gravimetric AFPC IX.3.B	201	5	27.84	0.209
ICP-inducted coupled plasma AFPC IX.3.D	202	3	27.74	0.142
Photometric-AFPC IX.3.C	203	18	27.94	0.236
Automated -AOAC 978.01-15th	204	10	27.80	0.095
Other(describe)	205	3	28.10	0.144
Method Group 200		39	27.89	0.19
P_2O_5 (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	3	27.83	0.137
ICP-inducted coupled plasma AFPC IX.3.D	212	3	27.99	0.140
Photometric-AFPC IX.3.C	213	10	28.23	0.089
Automated -AOAC 978.01-15th	214	10	28.04	0.057
Other(describe)	215	2	28.40	0.066
Method Group 210		28	28.11	0.19
Fe_2O_3				
Atomic Absorption-AFPC IX.6.B	301	5	1.12	0.114
ICP-inducted coupled plasma-AFPC IX.6.C	302	26	1.08	0.252
Other(describe)	303	6	1.26	0.139
Method Group 300		37	1.12	0.21
Al_2O_3				
Atomic Absorption-AFPC IX.7.B	401	3	1.10	0.139
ICP-inducted coupled plasma-AFPC IX.7.C	402	26	1.26	0.058
Other(describe)	403	4	1.54	0.069
Method Group 400		33	1.27	0.13
MgO				
Atomic Absorption-AFPC IX.8.A	501	7	0.98	0.108
ICP-inducted coupled plasma-AFPC IX.8.B	502	24	0.94	0.030
Other(describe)	503	6	0.93	0.051
Method Group 500		37	0.94	0.04
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	19	13.06	0.276
Other(describe)	602	3	13.44	0.243
Method Group 600		22	13.07	0.30
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	15	4.37	0.134
Other(describe)	652	10	4.41	1.026
Method Group 650		25	4.37	0.34
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-inducted coupled plasma-AFPC IX.12.D	702	18	41.81	0.448
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	3	41.38	0.082
EDTA Volumetric-AFPC IX.12.C	705	3	43.29	0.295
Other(describe)	706	11	42.06	0.323
Method Group 700		35	41.91	0.49
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-inducted coupled plasma-AFPC IX.12.D	712	12	42.19	0.234
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	2	41.63	0.020
EDTA Volumetric-AFPC IX.12.C	715	3	43.53	0.229
Other(describe)	716	9	42.38	0.090
Method Group 710		26	42.30	0.22

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	22	3.24	0.191
Oher(describe)	803	3	3.12	0.030
Method Group 800		25	3.19	0.16
Arsenic, As				
Atomic Absorption	911			
ICP-inducted coupled plasma-AFPC IX.15.B	912	8	27.1	2.08
Other(describe)	913	2	27.8	2.11
Method Group 900		10	27.1	2.99
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	5	0.0
ICP-inducted coupled plasma-AFPC IX.11.B	922	14	3	0.7
Other(describe)	923	3	6	1.3
Method Group 910		18	3	1.1
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	2	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	932	13	6	0.7
Other(describe)	933	3	8	0.1
Method Group 920		17	7	1.3
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941	3	0.1	0.09
ICP-inducted coupled plasma-AFPC IX.16.A	942	3	1.0	0.73
Other(describe)	943	1	0.0	0.00
Method Group 930		7	0.1	0.45
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	5	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	952	9	18	1.0
Other(describe)	953	1	20	0.0
Method Group 940		11	18	2.0
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	29	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	962	14	16	2.4
Other(describe)	963	3	36	7.5
Method Group 950		18	17	2.9
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	12	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	972	9	7	2.2
Other(describe)	973	3	3	2.9
Method Group 960		13	7	4.9
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-inducted coupled plasma-AFPC IX.16.A	982	2	4	0.5
Other(describe)	983	1	4	0.0
Method Group 970		3	4	0.5
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	2	67	0
ICP-inducted coupled plasma-AFPC IX.16.A	992	14	45	6
Other(describe)	993	3	185	57
Method Group 980		19	46	19

101	Ground Sample AFPC IX.2.A	
Lab	%	H_2O
75	0.95	-1.060
Std Dev	0.94	-1.000
10	0.93	-0.893
24	0.93	-0.852
10	0.91	-0.727
49	0.90	-0.644
266	0.90	-0.644
6	0.90	-0.602
13	0.90	-0.602
6	0.89	-0.561
9	0.89	-0.561
21	0.88	-0.478
9	0.86	-0.312
15	0.85	-0.229
13	0.84	-0.104
Median	0.82	0.000
15	0.81	0.104
30	0.78	0.353
75	0.78	0.353
26	0.77	0.411
20	0.77	0.478
20	0.77	0.478
24	0.75	0.644
Std Dev	0.70	1.000
52	0.70	1.018
35	0.55	2.264
241	0.53	2.431
77	0.51	2.597
35	0.48	2.846
77	0.48	2.846
55	0.42	3.345

102	Other (describe)	
Lab	%	H_2O
Median	0.00	0.000

201	Gravimetric AFPC IX.3.B	
Lab	%	P2O5
65	28.08	-1.149
Std Dev	28.05	-1.000
56	27.96	-0.574
77	27.84	0.000
Median	27.84	0.000
241	27.68	0.766
Std Dev	27.63	1.000
55	27.50	1.627

202	ICP-inducted coupled plasma AFPC IX.3.D	
Lab	%	P2O5
266	28.05	-2.186
Std Dev	27.88	-1.000
10	27.74	0.000
Median	27.74	0.000
10	27.67	0.494

203	Photometric-AFPC IX.3.C	
Lab	%	P2O5
25	28.47	-2.256
Std Dev	28.17	-1.000
52	28.10	-0.689
35	28.07	-0.561
9	28.06	-0.519
6	28.01	-0.307
9	28.00	-0.244
35	27.99	-0.222
49	27.99	-0.222
60	27.95	-0.053
Median	27.94	0.000
6	27.93	0.053
30	27.90	0.159
26	27.78	0.689
92	27.75	0.794
Std Dev	27.70	1.000
92	27.67	1.133
78	27.62	1.366
78	27.58	1.536
45	27.50	1.854
45	27.26	2.871

204	Automated -AOAC 978.01-15th	
Lab	%	P2O5
13	27.90	-1.077
77	27.90	-1.077
13	27.90	-1.025
Std Dev	27.89	-1.000
15	27.87	-0.709
15	27.80	-0.026
Median	27.80	0.000
24	27.80	0.026
21	27.76	0.394
75	27.76	0.394
75	27.74	0.604
24	27.72	0.815

205	Other(describe)	
Lab	%	P2O5
20	28.28	-1.218
Std Dev	28.24	-1.000
20	28.10	0.000
Median	28.10	0.000
Std Dev	27.96	1.000
56	27.89	1.462

211	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	dB
77	27.98		-1.134
Std Dev	27.96		-1.000
241	27.83		0.000
Median	27.83		0.000
Std Dev	27.69		1.000
55	27.62		1.546

212	ICP-inducted coupled plasma AFPC IX.3.D		
Lab	%	P2O5	dB
266	28.30		-2.215
Std Dev	28.13		-1.000
10	27.99		0.000
Median	27.99		0.000
10	27.93		0.465

213	Photometric-AFPC IX.3.C		
Lab	%	P2O5	dB
9	28.30		-0.769
52	28.30		-0.709
6	28.26		-0.300
9	28.25		-0.131
49	28.24		-0.106
Median	28.23		0.000
35	28.23		0.106
6	28.18		0.644
Std Dev	28.15		1.000
35	28.13		1.228
30	28.12		1.292
26	27.99		2.724

214	Automated -AOAC 978.01-15th		
Lab	%	P2O5	dB
13	28.15		-2.013
13	28.13		-1.629
Std Dev	28.09		-1.000
15	28.09		-0.978
24	28.05		-0.315
15	28.04		-0.033
Median	28.04		0.000
77	28.03		0.033
21	28.01		0.523
75	28.01		0.530
Std Dev	27.98		1.000
75	27.98		1.015
24	27.93		1.889

215	Other(describe)		
Lab	%	P2O5	dB
20	28.49		-1.340
Std Dev	28.47		-1.000
Median	28.40		0.000
Std Dev	28.34		1.000
20	28.32		1.340

301	Atomic Absorption-AFPC IX.6.B	
Lab	%	Fe2O3
30	1.19	-0.613
60	1.14	-0.175
55	1.12	0.000
Median	1.12	0.000
Std Dev	1.01	1.000
241	0.99	1.165
25	0.18	8.233

302	ICP-inducted coupled plasma-AFPC IX.6.C	
Lab	%	Fe2O3
35	1.29	-0.824
266	1.29	-0.824
35	1.27	-0.744

78	1.25	-0.665
78	1.25	-0.645
75	1.23	-0.573
15	1.20	-0.467
15	1.20	-0.467
45	1.20	-0.467
75	1.20	-0.455
45	1.19	-0.427
92	1.14	-0.228
92	1.11	-0.109
Median	1.08	0.000
24	1.06	0.109
24	1.03	0.208
6	0.95	0.526
6	0.95	0.526
9	0.94	0.566
21	0.87	0.844
10	0.86	0.883
10	0.86	0.883
13	0.84	0.963
49	0.84	0.963
13	0.84	0.983
Std Dev	0.83	1.000
9	0.80	1.122
52	0.63	1.797

303 Other(describe)

Lab	%	Fe2O3
77	1.37	-0.827
77	1.34	-0.612
56	1.26	-0.036
Median	1.26	0.000
65	1.25	0.036
Std Dev	1.12	1.000
20	1.10	1.151
20	1.09	1.187

401 Atomic Absorption-AFPC IX.6.B

Lab	%	Al2O3
241	1.30	-1.459
Std Dev	1.24	-1.000
30	1.10	0.000
Median	1.10	0.000
Std Dev	0.96	1.000
55	0.93	1.221

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

Lab	%	Al2O3
78	1.60	-5.765
266	1.59	-5.678
78	1.57	-5.246
35	1.43	-2.912
35	1.41	-2.566
45	1.41	-2.566
92	1.32	-1.010
Std Dev	1.32	-1.000
92	1.31	-0.837
21	1.28	-0.232
24	1.28	-0.232
6	1.27	-0.145
75	1.27	-0.103
75	1.26	-0.027
Median	1.26	0.000
6	1.26	0.027
9	1.26	0.114
24	1.25	0.200
15	1.25	0.287
15	1.25	0.287
10	1.24	0.373
10	1.24	0.373
13	1.24	0.460
13	1.23	0.633
45	1.22	0.719
49	1.22	0.719
52	1.21	0.892
Std Dev	1.20	1.000
9	1.18	1.497

403 Other(describe)

Lab	%	Al2O3
65	1.61	-1.086
Std Dev	1.60	-1.000
77	1.55	-0.217
Median	1.54	0.000
77	1.52	0.217
Std Dev	1.47	1.000
56	1.33	2.970

501 Atomic Absorption-AFPC IX.8.A

Lab	%	MgO
25	1.19	-1.947
Std Dev	1.09	-1.000
241	1.00	-0.223
35	0.99	-0.093
35	0.98	0.000
Median	0.98	0.000
60	0.91	0.696
Std Dev	0.87	1.000
55	0.80	1.669
30	0.74	2.226

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

Lab	%	MgO
15	0.99	-1.675
78	0.98	-1.340
6	0.98	-1.173
6	0.97	-1.005
Std Dev	0.97	-1.000
15	0.97	-0.838
21	0.96	-0.670
78	0.96	-0.670
10	0.95	-0.335
45	0.95	-0.335
49	0.95	-0.335
10	0.94	0.000
13	0.94	0.000
24	0.94	0.000
92	0.94	0.000
Median	0.94	0.000
45	0.93	0.335
92	0.93	0.335
266	0.93	0.335
13	0.92	0.670
24	0.92	0.670
9	0.92	0.837
9	0.92	0.837
Std Dev	0.91	1.000
75	0.81	4.349
75	0.80	4.802
52	0.56	12.730

503 Other(describe)

Lab	%	MgO
77	0.97	-0.780
65	0.95	-0.390
56	0.94	-0.195
Median	0.93	0.000
77	0.92	0.195
Std Dev	0.88	1.000
20	0.87	1.267
20	0.85	1.559

601 Insoluble-AFPC IX.4.A

Lab	%	Al
45	13.50	-1.594
9	13.44	-1.376
Std Dev	13.34	-1.000
21	13.28	-0.779
45	13.24	-0.652
49	13.24	-0.652
55	13.10	-0.145
9	13.08	-0.072
10	13.08	-0.072
15	13.07	-0.018
26	13.06	0.000
Median	13.06	0.000
13	13.04	0.072
15	12.92	0.525
13	12.90	0.579
30	12.86	0.724
Std Dev	12.78	1.000
24	12.74	1.159
10	12.66	1.449
35	12.66	1.449
24	12.53	1.919
35	12.53	1.919

602 Other(describe)

Lab	%	Al
266	14.00	-2.330
Std Dev	13.68	-1.000
6	13.44	0.000
Median	13.44	0.000
6	13.35	0.350

651	Gasometric-AFPC IX.13.B	
Lab	% CO2	
24	4.67	-2.233
77	4.54	-1.266
24	4.53	-1.191
Std Dev	4.50	-1.000
21	4.49	-0.856
9	4.40	-0.223
9	4.40	-0.223
30	4.39	-0.149
13	4.37	0.000
Median	4.37	0.000
6	4.35	0.149
6	4.33	0.335
13	4.30	0.558
Std Dev	4.24	1.000
49	4.23	1.042
52	4.08	2.159
15	3.75	4.616
15	3.73	4.802

652	Other(describe)	
Lab	% CO2	
35	8.89	-4.371
35	8.82	-4.303
Std Dev	5.43	-1.000
78	4.88	-0.458
78	4.86	-0.443
65	4.64	-0.229
Median	4.41	0.000
55	4.17	0.229
56	3.50	0.882
20	3.50	0.887
266	3.40	0.979
Std Dev	3.38	1.000
20	3.37	1.014

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	43.86	-4.573
92	43.75	-4.327
21	42.54	-1.625
Std Dev	42.26	-1.000
78	42.10	-0.631
13	42.06	-0.542
13	42.02	-0.463
6	41.91	-0.218
10	41.90	-0.195
9	41.83	-0.028
Median	41.81	0.000
49	41.80	0.028
6	41.76	0.117
10	41.71	0.229
78	41.63	0.408
9	41.39	0.955
Std Dev	41.36	1.000
45	41.26	1.234
45	41.05	1.703
75	40.96	1.895
75	40.36	3.255

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

704	Permanganate	
Lab	% CaO	
60	41.55	-2.071
Std Dev	41.46	-1.000
241	41.38	0.000
Median	41.38	0.000
30	41.33	0.609

705	EDTA Volumetric-AFPC IX.12.C	
Lab	% CaO	
35	43.38	-0.305
35	43.29	0.000
Median	43.29	0.000
Std Dev	43.00	1.000
266	42.59	2.375

706	Other(describe)	
Lab	% CaO	
77	43.40	-4.152
77	43.10	-3.222
56	42.39	-1.022
Std Dev	42.38	-1.000
55	42.25	-0.589
20	42.11	-0.155
24	42.06	0.000
Median	42.06	0.000
15	41.98	0.263
15	41.96	0.325
20	41.82	0.744
24	41.81	0.775
Std Dev	41.74	1.000
65	41.69	1.146

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
21	42.92		-3.104
Std Dev	42.42		-1.000
13	42.41		-0.934
13	42.40		-0.893
10	42.29		-0.440
6	42.29		-0.411
9	42.20		-0.045
Median	42.19		0.000
49	42.18		0.045
6	42.14		0.226
10	42.09		0.414
Std Dev	41.96		1.000
9	41.74		1.903
75	41.36		3.555
75	40.67		6.476

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

714	Permanganate		
Lab	%	CaO	dB
30	41.65		-1.340
Std Dev	41.65		-1.000
Median	41.63		0.000
Std Dev	41.61		1.000
241	41.60		1.340

715	EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO	dB
35	43.59		-0.262
35	43.53		0.000
Median	43.53		0.000
Std Dev	43.30		1.000
266	42.98		2.418

716	Other(describe)		
Lab	%	CaO	dB
77	43.62		-13.928
77	43.31		-10.414
Std Dev	42.47		-1.000
20	42.43		-0.658
55	42.43		-0.586
24	42.38		0.000
Median	42.38		0.000
15	42.32		0.647
15	42.31		0.682
Std Dev	42.29		1.000
24	42.20		1.959
20	42.14		2.606

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	3.70	-2.432
15	3.54	-1.569
15	3.50	-1.386
Std Dev	3.43	-1.000
35	3.34	-0.549
9	3.34	-0.523
9	3.31	-0.392
6	3.31	-0.392
35	3.30	-0.340
30	3.25	-0.078
13	3.24	-0.026

21	3.24	-0.026
Median	3.24	0.000
6	3.23	0.026
49	3.18	0.288
13	3.16	0.418
75	3.11	0.680
24	3.10	0.732
Std Dev	3.04	1.000
55	3.04	1.020
26	3.02	1.124
25	2.97	1.386
75	2.96	1.438
24	2.92	1.673
266	2.90	1.752

803 Oher(describe)

Lab	% Fluorine, F	
77	3.19	-2.345
Std Dev	3.15	-1.000
77	3.12	0.000
Median	3.12	0.000
65	3.11	0.335

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	32.0	-2.356
35	30.0	-1.394
Std Dev	29.2	-1.000
78	27.5	-0.192
24	27.4	-0.120
Median	27.1	0.000
24	26.9	0.120
78	26.5	0.312
Std Dev	25.0	1.000
266	22.0	2.452
52	17.8	4.471

913 Other(describe)

Lab	ppm Arsenic, As	
13	30.7	-1.340
Std Dev	29.9	-1.000
Median	27.8	0.000
Std Dev	25.7	1.000
77	25.0	1.340

921 Atomic Absorption-AFPC IX.11.A

Lab	ppm Cadmium, Cd	
55	5	0.000
Median	5	0.000

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

Lab	ppm Cadmium, Cd	
35	4	-1.497
78	4	-1.023
Std Dev	4	-1.000
78	4	-0.954
35	3	-0.104
75	3	-0.104
75	3	-0.104
77	3	-0.104
Median	3	0.000
266	3	0.104
24	2	0.731
Std Dev	2	1.000
24	2	1.079
45	2	1.288
45	2	1.288
77	2	1.288
52	1	2.262

923 Other(describe)

Lab	ppm Cadmium, Cd	
20	6	0.000
20	6	0.000
Median	6	0.000
Std Dev	5	1.000
13	3	2.680

931 Atomic Absorption-AFPC IX.16.B

Lab	ppm Cobalt, Co	
55	2	0.000
Median	2	0.000

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

Lab	ppm Cobalt, Co	
78	9	-3.685
78	9	-3.685
35	7	-1.005
45	7	-1.005
45	7	-1.005
77	7	-1.005
Std Dev	7	-1.000
24	6	0.000
Median	6	0.000
35	6	0.335
75	6	0.335
75	6	0.335
77	6	0.335
24	6	0.536
266	6	0.737

933 Other(describe)

Lab	ppm Cobalt, Co	
20	8	0.000
20	8	0.000
Median	8	0.000
Std Dev	8	1.000
13	8	2.680

941 Atomic Absorption-AFPC IX.16.B

Lab	ppm Mercury, Hg	
55	0.3	-2.630
Std Dev	0.2	-1.000
275	0.1	0.000
Median	0.1	0.000
275	0.1	0.050

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

Lab	ppm Mercury, Hg	
35	2.0	-1.368
Std Dev	1.7	-1.000
35	1.0	0.000
Median	1.0	0.000
Std Dev	0.3	1.000
266	0.0	1.312

943 Other(describe)

Lab	ppm Mercury, Hg	
13	0.0	0.000
Median	0.0	0.000

951 Atomic Absorption-AFPC IX.16.B

Lab	ppm lolybdenum, Mo	
55	5	0.000
Median	5	0.000

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

Lab	ppm lolybdenum, Mo	
45	29	-11.316
45	28	-10.323
Std Dev	19	-1.000
77	18	-0.397
78	18	-0.248
78	18	0.000
Median	18	0.000
266	18	0.099
24	17	0.943
Std Dev	17	1.000
24	16	1.290
77	16	1.588

953 Other(describe)

Lab	ppm lolybdenum, Mo	
13	20	0.000
Median	20	0.000

961 Atomic Absorption-AFPC IX.16.B

Lab	ppm Nickel, Ni	
55	29	0.000
Median	29	0.000

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

Lab	ppm Nickel, Ni	
52	20	-1.766
78	19	-1.392
78	19	-1.184
Std Dev	18	-1.000
75	18	-0.976
75	18	-0.976
45	16	-0.145

77	16	-0.145
Median	16	0.000
24	15	0.145
45	15	0.270
77	15	0.270
24	15	0.395
266	14	0.602
Std Dev	13	1.000
35	11	1.932
35	9	2.763

963	Other(describe)	
Lab	ppm	Nickel, Ni
20	39	-0.464
20	36	0.000
Median	36	0.000
Std Dev	28	1.000
13	19	2.216

971	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Lead, Pb
55	12	0.000
Median	12	0.000

972	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Lead, Pb
266	12	-2.300
35	10	-1.228
35	10	-1.228
Std Dev	9	-1.000
78	7	-0.089
78	7	0.000
Median	7	0.000
77	7	0.112
77	7	0.112
Std Dev	5	1.000
24	3	1.697
24	3	1.720

973	Other(describe)	
Lab	ppm	Lead, Pb
13	11	-2.680
Std Dev	6	-1.000
20	3	0.000
20	3	0.000
Median	3	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	5	-1.340
Std Dev	5	-1.000
Median	4	0.000
Std Dev	4	1.000
77	3	1.340

983	Other(describe)	
Lab	ppm	Selenium, Se
13	4	0.000
Median	4	0.000

991	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Zinc, Zn
60	67	-1.340
Std Dev	67	-1.000
Median	67	0.000
Std Dev	66	1.000
55	66	1.340

992	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
24	94	-8.536
24	84	-6.752
Std Dev	51	-1.000
35	48	-0.479
35	47	-0.305
75	46	-0.131
78	46	-0.131
75	46	-0.044
Median	45	0.000
78	45	0.044
52	42	0.566
Std Dev	40	1.000
266	39	1.053
45	39	1.088
45	38	1.262
77	32	2.306
77	30	2.654

993	Other(describe)	
Lab	ppm	Zinc, Zn
20	195	-0.176
20	185	0.000
Median	185	0.000
Std Dev	128	1.000
13	42	2.504