AFPC Rock Check Program

Sample No. 2016-11

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	28	0.62	0.145
Other (describe)	102			
Method Group 100		28	0.62	0.14
P_2O_5				
Gravimetric AFPC IX.3.B	201	3	27.63	0.131
ICP-inducted coupled plasma AFPC IX.3.D	202	3	27.85	0.056
Photometric-AFPC IX.3.C	203	13	28.02	0.231
Automated -AOAC 978.01-15th	204	10	27.91	0.104
Other(describe)	205	3	26.99	0.397
Method Group 200		32	27.90	0.17
P_2O_5 (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	27.82	0.097
ICP-inducted coupled plasma AFPC IX.3.D	212	3	28.02	0.065
Photometric-AFPC IX.3.C	213	11	28.21	0.204
Automated -AOAC 978.01-15th	214	10	28.07	0.111
Other(describe)	215	2	26.94	0.124
Method Group 210		28	28.07	0.18
Fe_2O_3				
Atomic Absorption-AFPC IX.6.B	301	2	0.51	0.041
ICP-inducted coupled plasma-AFPC IX.6.C	302	23	0.55	0.072
Other(describe)	303	5	0.57	0.134
Method Group 300		30	0.55	0.08
Al_2O_3				
Atomic Absorption-AFPC IX.7.B	401	2	0.83	0.157
ICP-inducted coupled plasma-AFPC IX.7.C	402	23	0.85	0.179
Other(describe)	403	5	1.58	0.746
Method Group 400		30	0.86	0.27
MgO				
Atomic Absorption-AFPC IX.8.A	501	4	0.40	0.063
ICP-inducted coupled plasma-AFPC IX.8.B	502	21	0.46	0.030
Other(describe)	503	5	0.54	0.194
Method Group 500		30	0.46	0.04
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	17	12.79	0.369
Other(describe)	602	5	12.80	2.890
Method Group 600		22	12.80	0.44
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	13	4.06	0.175
Other(describe)	652	5	4.09	0.358
Method Group 650		18	4.07	0.25
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-inducted coupled plasma-AFPC IX.12.D	702	15	42.38	0.340
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	1	42.55	0.000
EDTA Volumetric-AFPC IX.12.C	705	2	43.05	0.153
Other(describe)	706	9	42.98	0.903
Method Group 700		27	42.49	0.65
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-inducted coupled plasma-AFPC IX.12.D	712	13	42.61	0.287
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	1	42.85	0.000
EDTA Volumetric-AFPC IX.12.C	715	2	43.27	0.212
Other(describe)	716	8	43.51	1.001
Method Group 710		23	42.71	0.58

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	21	2.87	0.045
Oher(describe)	803	4	2.79	0.033
Method Group 800		25	2.86	0.06
Arsenic, As				
Atomic Absorption	911	1	12.0	0.00
ICP-inducted coupled plasma-AFPC IX.15.B	912	7	11.1	2.33
Other(describe)	913	3	9.0	3.97
Method Group 900		11	11.1	2.01
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	92	0.0
ICP-inducted coupled plasma-AFPC IX.11.B	922	11	87	6.2
Other(describe)	923	4	77	12.7
Method Group 910		16	86	7.7
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	1	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	932	9	1	1.0
Other(describe)	933	4	5	4.2
Method Group 920		14	1	1.1
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941	3	0.2	0.07
ICP-inducted coupled plasma-AFPC IX.16.A	942	3	0.4	0.04
Other(describe)	943	2	0.7	0.21
Method Group 930		8	0.3	0.14
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	15	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	952	6	13	2.1
Other(describe)	953	2	8	5.9
Method Group 940		9	14	2.5
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	100	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	962	11	98	5.6
Other(describe)	963	4	111	24.5
Method Group 950		16	99	9.6
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	6	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	972	10	8	3.8
Other(describe)	973	4	4	1.1
Method Group 960		15	5	3.9
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981	1	23	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	982	2	23	1.5
Other(describe)	983	2	34	6.3
Method Group 970		5	25	2.1
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	973	0
ICP-inducted coupled plasma-AFPC IX.16.A	992	11	933	101
Other(describe)	993	4	215	168
Method Group 980		16	926	122

101	Ground Sample AFPC IX.2.A		
Lab	%	H_2O	
15	0.84		-1.487
Std Dev	0.76		-1.000
266	0.70		-0.553
9	0.70		-0.519
30	0.69		-0.484
49	0.69		-0.484
75	0.69		-0.484
9	0.69		-0.450
21	0.68		-0.380
24	0.68		-0.380
75	0.67		-0.346
24	0.67		-0.346
13	0.65		-0.207
26	0.63		-0.066
10	0.62		0.000
10	0.62		0.000
Median	0.62		0.000
13	0.61		0.104
52	0.60		0.138
61	0.53		0.657
21	0.51		0.761
275	0.51		0.761
275	0.50		0.865
Std Dev	0.48		1.000
20	0.45		1.176
20	0.45		1.176
35	0.34		1.937
35	0.24		2.628
55	0.21		2.836
77	0.21		2.836
77	0.18		3.043

102	Other (describe)		
Lab	%	H_2O	
Median	0.00		0.000

201	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	
77	27.89		-1.991
Std Dev	27.76		-1.000
55	27.63		0.000
Median	27.63		0.000
56	27.54		0.689

202	ICP-inducted coupled plasma AFPC IX.3.D		
Lab	%	P2O5	
266	27.96		-1.965
Std Dev	27.91		-1.000
10	27.85		0.000
Median	27.85		0.000
10	27.81		0.715

203	Photometric-AFPC IX.3.C		
Lab	%	P2O5	
9	28.37		-1.535
52	28.37		-1.535
Std Dev	28.25		-1.000
275	28.18		-0.715
30	28.17		-0.670
275	28.14		-0.523
35	28.03		-0.065
9	28.02		0.000
Median	28.02		0.000
26	27.94		0.335
92	27.92		0.411
92	27.86		0.670
49	27.85		0.713
Std Dev	27.78		1.000
61	27.54		2.053
35	23.14		21.073

204	Automated -AOAC 978.01-15th		
Lab	%	P2O5	
15	29.53		-15.645
21	28.05		-1.400
Std Dev	28.01		-1.000
21	27.99		-0.773
24	27.97		-0.628
75	27.91		-0.048
Median	27.91		0.000
77	27.90		0.048
75	27.85		0.531
13	27.84		0.628
24	27.84		0.676
Std Dev	27.80		1.000
13	27.75		1.497

205	Other(describe)		
Lab	%	P2O5	
56	27.72		-1.850
Std Dev	27.38		-1.000
20	26.99		0.000
Median	26.99		0.000
20	26.66		0.830

211	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	dB
77	27.95		-1.340
Std Dev	27.92		-1.000
Median	27.82		0.000
Std Dev	27.72		1.000
55	27.69		1.340

212	ICP-inducted coupled plasma AFPC IX.3.D		
Lab	%	P2O5	dB
266	28.16		-2.059
Std Dev	28.09		-1.000
10	28.02		0.000
Median	28.02		0.000
10	27.98		0.621

213	Photometric-AFPC IX.3.C		
Lab	%	P2O5	dB
9	28.57		-1.770
52	28.54		-1.636
Std Dev	28.41		-1.000
30	28.37		-0.774
275	28.32		-0.553
275	28.28		-0.354
9	28.21		0.000
Median	28.21		0.000
26	28.11		0.461
35	28.10		0.544
49	28.04		0.809
Std Dev	28.00		1.000
61	27.69		2.569
35	23.22		24.513

214	Automated -AOAC 978.01-15th		
Lab	%	P2O5	dB
15	29.77		-15.302
21	28.19		-1.105
Std Dev	28.18		-1.000
21	28.18		-0.937
24	28.16		-0.802
75	28.10		-0.246
Median	28.07		0.000
75	28.04		0.246
24	28.02		0.432
13	28.02		0.438
Std Dev	27.96		1.000
77	27.95		1.084
13	27.92		1.366

215	Other(describe)		
Lab	%	P2O5	dB
20	27.11		-1.340
Std Dev	27.06		-1.000
Median	26.94		0.000
Std Dev	26.82		1.000
20	26.78		1.340

301	Atomic Absorption-AFPC IX.6.B		
Lab	%	Fe2O3	
30	0.56		-1.340
Std Dev	0.55		-1.000
Median	0.51		0.000
Std Dev	0.46		1.000
55	0.45		1.340

302	ICP-inducted coupled plasma-AFPC IX.6.C		
Lab	%	Fe2O3	
266	0.74		-2.650
35	0.69		-1.952
35	0.68		-1.813
Std Dev	0.62		-1.000
275	0.62		-0.990
15	0.62		-0.906
275	0.61		-0.872
75	0.60		-0.693
75	0.59		-0.594
61	0.57		-0.279
24	0.57		-0.209
21	0.55		0.000

24	0.55	0.000
92	0.55	0.000
Median	0.55	0.000
92	0.54	0.139
21	0.53	0.279
13	0.52	0.488
10	0.51	0.558
10	0.51	0.558
9	0.50	0.697
13	0.50	0.697
9	0.50	0.767
52	0.49	0.837
49	0.48	0.976

303 Other(describe)

Lab	%	Fe2O3
77	0.69	-0.893
77	0.66	-0.670
20	0.57	0.000
Median	0.57	0.000
56	0.48	0.670
20	0.45	0.893

401 Atomic Absorption-AFPC IX.6.B

Lab	%	Al2O3
30	1.04	-1.340
Std Dev	0.99	-1.000
Median	0.83	0.000
Std Dev	0.67	1.000
55	0.62	1.340

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

Lab	%	Al2O3
266	1.81	-5.360
52	1.24	-2.178
35	1.14	-1.619
275	1.13	-1.583
35	1.12	-1.508
Std Dev	1.03	-1.000
21	1.03	-0.977
61	1.03	-0.977
275	0.99	-0.798
21	0.95	-0.558
15	0.94	-0.475
75	0.86	-0.068
49	0.85	0.000
Median	0.85	0.000
75	0.84	0.062
9	0.83	0.140
92	0.81	0.223
9	0.80	0.307
24	0.79	0.335
92	0.78	0.391
10	0.73	0.670
24	0.73	0.698
10	0.72	0.726
Std Dev	0.67	1.000
13	0.61	1.368
13	0.55	1.675

403 Other(describe)

Lab	%	Al2O3
77	1.71	-0.174
77	1.69	-0.147
56	1.58	0.000
Median	1.58	0.000
Std Dev	0.83	1.000
20	0.69	1.193
20	0.63	1.280

501 Atomic Absorption-AFPC IX.8.A

Lab	%	MgO
55	0.44	-0.709
30	0.43	-0.552
Median	0.40	0.000
35	0.36	0.552
Std Dev	0.33	1.000
35	0.31	1.340

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

Lab	%	MgO
61	0.50	-1.173
275	0.49	-1.106
92	0.49	-1.005
275	0.49	-1.005
Std Dev	0.49	-1.000
52	0.48	-0.670
92	0.48	-0.670
21	0.48	-0.502
15	0.47	-0.335
21	0.46	0.000
49	0.46	0.000
266	0.46	0.000
Median	0.46	0.000
9	0.46	0.168
10	0.45	0.335
9	0.45	0.503
10	0.44	0.670
13	0.44	0.670
24	0.44	0.670
24	0.44	0.838
Std Dev	0.43	1.000
13	0.42	1.340
75	0.40	2.113
75	0.39	2.227

503 Other(describe)

Lab	%	MgO
20	1.09	-2.835
20	0.79	-1.288
Std Dev	0.73	-1.000
56	0.54	0.000
Median	0.54	0.000
77	0.53	0.052
77	0.49	0.258

601 Insoluble-AFPC IX.4.A

Lab	%	Al
15	17.21	-11.965
55	16.90	-11.126
Std Dev	13.16	-1.000
49	13.15	-0.975
61	13.10	-0.839
9	13.10	-0.826
26	13.07	-0.762
61	13.05	-0.690
30	12.92	-0.352
10	12.79	0.000
Median	12.79	0.000
24	12.75	0.122
10	12.71	0.217
13	12.63	0.433
24	12.60	0.514
21	12.47	0.866
13	12.43	0.988
Std Dev	12.42	1.000
9	12.24	1.489
21	12.11	1.854

602 Other(describe)

Lab	%	Al
20	16.11	-1.144
20	15.80	-1.038
Std Dev	15.69	-1.000
266	12.80	0.000
Median	12.80	0.000
275	11.93	0.302
275	11.91	0.309

651 Gasometric-AFPC IX.13.B

Lab	%	CO2
77	.	0.000
61	4.67	-3.450
52	4.50	-2.509
24	4.26	-1.112
Std Dev	4.24	-1.000
24	4.22	-0.884
77	4.21	-0.855
30	4.13	-0.399
15	4.06	0.000
Median	4.06	0.000
13	4.04	0.114
13	4.00	0.342
9	3.98	0.456
Std Dev	3.88	1.000
9	3.88	1.026
49	3.72	1.939
21	2.56	8.553

652 Other(describe)

Lab	%	CO2
20	4.38	-0.824
55	4.30	-0.600
20	4.09	0.000
Median	4.09	0.000
56	3.82	0.740

Std Dev	3.73	1.000
266	2.96	3.141

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	49.37	-20.586
92	43.20	-2.415
13	42.76	-1.104
Std Dev	42.72	-1.000
9	42.72	-0.987
10	42.48	-0.295
10	42.43	-0.147
21	42.42	-0.118
92	42.38	0.000
Median	42.38	0.000
13	42.33	0.147
49	42.29	0.265
21	42.15	0.692
9	42.14	0.707
Std Dev	42.04	1.000
75	40.26	6.252
75	39.85	7.448
52	34.00	24.680

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

704	Permanganate	
Lab	%	CaO
30	42.55	0.000
Median	42.55	0.000

705	EDTA Volumetric-AFPC IX.12.C	
Lab	%	CaO
266	43.25	-1.340
Std Dev	43.20	-1.000
Median	43.05	0.000
Std Dev	42.89	1.000
35	42.84	1.340

706	Other(describe)	
Lab	%	CaO
20	44.43	-1.611
20	44.23	-1.390
Std Dev	43.88	-1.000
77	43.70	-0.803
77	43.60	-0.692
15	42.98	0.000
Median	42.98	0.000
55	42.60	0.415
56	42.49	0.537
24	42.09	0.986
24	42.08	0.991

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	49.63		-24.511
13	43.02		-1.425
9	43.01		-1.405
Std Dev	42.89		-1.000
10	42.75		-0.482
21	42.71		-0.354
10	42.69		-0.306
13	42.61		0.000
Median	42.61		0.000
49	42.58		0.081
9	42.43		0.600
21	42.36		0.858
Std Dev	42.32		1.000
75	40.53		7.253
75	40.13		8.651
52	34.21		29.320

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

714	Permanganate		
Lab	%	CaO	dB
30	42.85		0.000
Median	42.85		0.000

715	EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO	dB
266	43.55		-1.340
Std Dev	43.48		-1.000
Median	43.27		0.000
Std Dev	43.06		1.000
35	42.99		1.340

716	Other(describe)		
Lab	%	CaO	dB
20	44.63		-1.121
Std Dev	44.51		-1.000
20	44.43		-0.921
77	43.79		-0.284
77	43.68		-0.171
Median	43.51		0.000
15	43.34		0.171
55	42.69		0.817
Std Dev	42.51		1.000
24	42.37		1.137
24	42.37		1.140

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
15	3.02	-3.462
13	2.91	-1.005
Std Dev	2.91	-1.000
30	2.90	-0.782
52	2.90	-0.782
266	2.90	-0.782
75	2.89	-0.558
9	2.89	-0.447
75	2.89	-0.447
21	2.88	-0.335
24	2.88	-0.335
13	2.87	0.000
275	2.87	0.000
Median	2.87	0.000
35	2.86	0.112
26	2.85	0.447
24	2.84	0.558
275	2.83	0.782
Std Dev	2.82	1.000
35	2.82	1.005
49	2.81	1.228
21	2.81	1.340
9	2.75	2.568
55	2.58	6.365

803	Oher(describe)	
Lab	%	Fluorine, F
77	2.81	-0.536
20	2.81	-0.383
Median	2.79	0.000
77	2.78	0.383
Std Dev	2.76	1.000
20	2.71	2.527

911	Atomic Absorption-AFPC	
Lab	ppm	Arsenic, As
55	12.0	0.000
Median	12.0	0.000

912	ICP-inducted coupled plasma-AFPC IX.15.I	
Lab	ppm	Arsenic, As
61	19.5	-3.598
35	14.0	-1.244
Std Dev	13.4	-1.000
35	13.0	-0.815
24	11.1	0.000
Median	11.1	0.000
24	11.0	0.064
52	9.8	0.557
266	9.8	0.557

913	Other(describe)	
Lab	ppm	Arsenic, As
13	11.5	-0.629
77	9.0	0.000
Median	9.0	0.000
Std Dev	5.0	1.000

15	0.9	2.051

921	Atomic Absorption-AFPC IX.11.A	
Lab	ppm	Cadmium, Cd
55	92	0.000
Median	92	0.000

922	ICP-inducted coupled plasma-AFPC IX.11.B	
Lab	ppm	Cadmium, Cd
61	95	-1.330
Std Dev	93	-1.000
77	89	-0.290
77	88	-0.129
75	88	-0.113
266	87	-0.016
75	87	0.000
Median	87	0.000
52	84	0.515
Std Dev	81	1.000
24	80	1.167
24	79	1.272
35	74	2.125
35	72	2.447

923	Other(describe)	
Lab	ppm	Cadmium, Cd
13	87	-0.818
20	79	-0.138
Median	77	0.000
20	75	0.138
Std Dev	64	1.000
15	29	3.717

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
35	2	-1.185
Std Dev	2	-1.000
35	2	-0.856
266	1	-0.464
77	1	-0.155
75	1	0.000
Median	1	0.000
75	0	0.412
24	0	0.876
24	0	0.876
77	0	0.876

933	Other(describe)	
Lab	ppm	Cobalt, Co
20	8	-0.838
20	7	-0.598
Median	5	0.000
13	2	0.598
15	1	0.935

941	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Mercury, Hg
275	0.2	-0.341
275	0.2	0.000
Median	0.2	0.000
Std Dev	0.1	1.000
55	0.0	2.339

942	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Mercury, Hg
35	0.4	-1.631
Std Dev	0.4	-1.000
35	0.4	0.000
Median	0.4	0.000
Std Dev	0.3	1.000
266	0.3	1.049

943	Other(describe)	
Lab	ppm	Mercury, Hg
15	0.9	-1.340
Std Dev	0.9	-1.000
Median	0.7	0.000
Std Dev	0.4	1.000
13	0.4	1.340

951	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	lolybdenum, Mo
55	15	0.000
Median	15	0.000

952	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Molybdenum, Mo
61	17	-1.598
266	16	-1.218
Std Dev	15	-1.000
24	14	-0.195
Median	13	0.000
77	13	0.195
24	13	0.439
Std Dev	11	1.000
77	11	1.169

953	Other(describe)	
Lab	ppm	Molybdenum, Mo
13	16	-1.340
Std Dev	14	-1.000
Median	8	0.000
Std Dev	2	1.000
15	0	1.340

961	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Nickel, Ni
55	100	0.000
Median	100	0.000

962	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Nickel, Ni
52	139	-7.374
61	113	-2.725
Std Dev	104	-1.000
75	102	-0.764
75	102	-0.639
77	98	0.000
77	98	0.000
Median	98	0.000
24	96	0.432
24	96	0.450
266	93	0.827
Std Dev	92	1.000
35	42	10.072
35	36	11.152

963	Other(describe)	
Lab	ppm	Nickel, Ni
20	119	-0.306
20	116	-0.204
Median	111	0.000
13	106	0.204
Std Dev	87	1.000
15	17	3.828

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
275	10	-0.520
266	10	-0.357
275	9	-0.225
35	9	-0.217
61	8	-0.044
Median	8	0.000
35	8	0.044
Std Dev	4	1.000
24	4	1.098
24	4	1.124
77	2	1.605
77	1	1.865

973	Other(describe)	
Lab	ppm	Lead, Pb
13	5	-1.244
Std Dev	5	-1.000
15	4	-0.461
Median	4	0.000
20	3	0.461
Std Dev	2	1.000
20	2	1.351

981	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Selenium, Se
55	23	0.000
Median	23	0.000

982	ICP-induc coupled plasma-AFPC IX.16.A	
Lab	ppm	Selenium, Se
266	25	-1.340
Std Dev	24	-1.000
Median	23	0.000
Std Dev	21	1.000
77	21	1.340

983	Other(describe)	
Lab	ppm	Selenium, Se
15	43	-1.340
Std Dev	40	-1.000
Median	34	0.000
Std Dev	28	1.000
13	26	1.340

991	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Zinc, Zn
55	973	0.000
Median	973	0.000

992	ICP-inducted coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
61	1148	-2.114
24	1044	-1.092
Std Dev	1035	-1.000
24	1024	-0.890
77	986	-0.519
52	956	-0.223
75	933	0.000
Median	933	0.000
77	929	0.044
75	923	0.101
Std Dev	832	1.000
35	815	1.170
35	813	1.190
266	812	1.200

993	Other(describe)	
Lab	ppm	Zinc, Zn
13	875	-3.938
Std Dev	382	-1.000
20	219	-0.027
Median	215	0.000

20	210	0.027
Std Dev	47	1.000
15	3	1.261