

AFPC Rock Check Program

Sample No. 2019-01

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	27	0.98	0.049
Other (describe)	102			
Method Group 100		27	0.98	0.05
P₂O₅				
Gravimetric AFPC IX.3.B	201	3	28.80	0.037
ICP-induced coupled plasma AFPC IX.3.D	202	2	28.76	0.065
Photometric-AFPC IX.3.C	203	22	28.77	0.158
Automated -AOAC 978.01-15th	204	9	28.76	0.075
Other(describe)	205	2	28.60	0.142
Method Group 200		38	28.77	0.13
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	29.14	0.031
ICP-induced coupled plasma AFPC IX.3.D	212	2	29.04	0.066
Photometric-AFPC IX.3.C	213	14	29.01	0.140
Automated -AOAC 978.01-15th	214	9	29.03	0.090
Other(describe)	215			
Method Group 210		27	29.03	0.13
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	1	0.71	0.000
ICP-induced coupled plasma-AFPC IX.6.C	302	24	0.81	0.062
Other(describe)	303	4	1.03	0.050
Method Group 300		29	0.82	0.09
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	1	0.78	0.000
ICP-induced coupled plasma-AFPC IX.7.C	402	24	0.80	0.060
Other(describe)	403	4	1.31	0.177
Method Group 400		29	0.81	0.08
MgO				
Atomic Absorption-AFPC IX.8.A	501	4	0.82	0.004
ICP-induced coupled plasma-AFPC IX.8.B	502	23	0.85	0.018
Other(describe)	503	4	0.83	0.052
Method Group 500		31	0.84	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	20	8.73	0.321
Other(describe)	602	3	9.04	0.526
Method Group 600		23	8.79	0.33
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	14	4.41	0.345
Other(describe)	652	6	5.29	2.028
Method Group 650		20	4.50	0.85
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	18	44.44	0.326
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	4	44.36	0.310
EDTA Volumetric-AFPC IX.12.C	705	1	43.68	0.000
Other(describe)	706	8	44.61	0.132
Method Group 700		31	44.49	0.35
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	13	44.87	0.315
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	4	44.75	0.402
EDTA Volumetric-AFPC IX.12.C	715	1	44.09	0.000
Other(describe)	716	6	45.07	0.116
Method Group 710		23	44.92	0.43

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	25	3.43	0.071
Other (describe)	803	2	3.56	0.030
Method Group 800		27	3.43	0.10
Arsenic, As				
Atomic Absorption	911	1	1.6	0.00
ICP-induced coupled plasma-AFPC IX.15.B	912	8	18.5	4.85
Other(describe)	913	2	21.0	0.73
Method Group 900		11	19.0	5.24
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	1	10	0.0
ICP-induced coupled plasma-AFPC IX.11.B	922	11	2	1.0
Other(describe)	923	1	2	0.0
Method Group 910		13	2	0.8
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	5	0.0
ICP-induced coupled plasma-AFPC IX.16.A	932	8	1	1.5
Other(describe)	933	1	2	0.0
Method Group 920		10	2	1.7
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941	1	1.0	0.00
ICP-induced coupled plasma-AFPC IX.16.A	942	2	28.5	0.37
Other(describe)	943	1	0.0	0.00
Method Group 930		4	14.5	20.52
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	4	8	1.3
Other(describe)	953	1	12	0.0
Method Group 940		5	9	1.0
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	1	14	0.0
ICP-induced coupled plasma-AFPC IX.16.A	962	9	9	1.3
Other(describe)	963	2	14	4.3
Method Group 950		12	9	2.5
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	13	0.0
ICP-induced coupled plasma-AFPC IX.16.A	972	8	10	2.2
Other(describe)	973	1	12	0.0
Method Group 960		10	10	2.1
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	1	1	0.0
Other(describe)	983	1	2	0.0
Method Group 970		2	2	0.4
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	32	0
ICP-induced coupled plasma-AFPC IX.16.A	992	9	29	3
Other(describe)	993	2	14	10
Method Group 980		12	28	3

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	
52	1.15	-3.505	
9	1.05	-1.443	
26	1.04	-1.237	
77	1.04	-1.237	
77	1.03	-1.031	
Std Dev	1.03	-1.000	
30	1.02	-0.825	
24	1.02	-0.722	
21	1.00	-0.412	
9	1.00	-0.309	
13	1.00	-0.309	
24	0.99	-0.206	
26	0.99	-0.206	
75	0.99	-0.206	
55	0.98	0.000	
Median	0.98	0.000	
21	0.98	0.103	
10	0.97	0.206	
10	0.97	0.309	
13	0.97	0.309	
75	0.97	0.309	
49	0.96	0.515	
Std Dev	0.93	1.000	
35	0.93	1.031	
15	0.93	1.031	
49	0.91	1.443	
15	0.90	1.649	
27	0.76	4.535	
27	0.74	4.948	
35	0.11	17.935	

102 Other (describe)			
Lab	%	H ₂ O	
Median	0.00	0.000	

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
55	28.90	-2.680	
Std Dev	28.84	-1.000	
77	28.80	0.000	
Median	28.80	0.000	
56	28.80	0.000	

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
10	28.85	-1.340	
Std Dev	28.82	-1.000	
Median	28.76	0.000	
Std Dev	28.69	1.000	
10	28.67	1.340	

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
35	29.12	-2.252	
10	29.08	-1.998	
10	29.07	-1.935	
35	29.00	-1.491	
26	28.98	-1.364	
Std Dev	28.92	-1.000	
92	28.89	-0.793	
51	28.84	-0.476	
49	28.83	-0.381	
26	28.82	-0.349	
51	28.80	-0.222	
9	28.78	-0.063	
Median	28.77	0.000	

237	28.76	0.063	
92	28.75	0.095	
9	28.73	0.254	
21	28.70	0.412	
49	28.67	0.603	
21	28.67	0.634	
30	28.62	0.920	
Std Dev	28.61	1.000	
30	28.59	1.110	
27	28.52	1.554	
52	28.50	1.681	
27	28.31	2.886	

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
13	29.01	-3.350	
13	28.90	-1.809	
Std Dev	28.83	-1.000	
77	28.81	-0.670	
15	28.76	0.000	

15	28.76	0.000	
Median	28.76	0.000	
24	28.75	0.201	
75	28.71	0.670	
Std Dev	28.69	1.000	
24	28.64	1.608	
75	28.53	3.149	

205 Other(describe)			
Lab	%	P2O5	
56	28.79	-1.340	
Std Dev	28.74	-1.000	
Median	28.60	0.000	
Std Dev	28.46	1.000	
19	28.41	1.340	

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
55	29.19	-1.340	
Std Dev	29.18	-1.000	
Median	29.14	0.000	
Std Dev	29.11	1.000	
77	29.10	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
10	29.13	-1.340	
Std Dev	29.10	-1.000	
Median	29.04	0.000	
Std Dev	28.97	1.000	
10	28.95	1.340	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
26	29.28	-1.991	
35	29.27	-1.903	
35	29.15	-1.043	
Std Dev	29.15	-1.000	
26	29.11	-0.729	
49	29.10	-0.692	
9	29.06	-0.415	
9	29.03	-0.169	
Median	29.01	0.000	
21	28.98	0.169	

21	28.95	0.369	
49	28.93	0.521	
30	28.91	0.653	
Std Dev	28.87	1.000	
52	28.83	1.249	
27	28.73	1.957	
27	28.53	3.429	

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
13	29.29	-2.931	
13	29.19	-1.734	
Std Dev	29.12	-1.000	
77	29.11	-0.891	
24	29.03	-0.027	
15	29.03	0.000	
Median	29.03	0.000	
15	29.02	0.098	
75	28.99	0.449	
Std Dev	28.94	1.000	
24	28.93	1.075	
75	28.81	2.452	

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

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
55	0.71	0.000	
Median	0.71	0.000	

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
52	1.10	-4.710	
35	0.95	-2.274	
35	0.95	-2.274	
15	0.92	-1.787	
15	0.92	-1.787	
51	0.90	-1.462	
Std Dev	0.87	-1.000	
51	0.87	-0.975	
92	0.87	-0.975	
92	0.85	-0.650	

237	0.85	-0.568
9	0.82	-0.162
21	0.82	-0.081
Median	0.81	0.000
9	0.81	0.081
10	0.81	0.081
24	0.81	0.081
49	0.80	0.162
75	0.80	0.222
10	0.80	0.244
13	0.80	0.244
13	0.80	0.244
49	0.79	0.325
21	0.78	0.487
24	0.78	0.568
75	0.77	0.572

303 Other(describe)			
Lab	%	Fe2O3	
56	1.26	-4.566	
Std Dev	1.08	-1.000	
77	1.03	0.000	
77	1.03	0.000	
Median	1.03	0.000	
19	0.99	0.794	

401 Atomic Absorption-AFPC IX.6.B			
Lab	%	Al2O3	
55	0.78	0.000	
Median	0.78	0.000	

402 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Al2O3	
52	1.50	-11.723	
35	0.93	-2.176	
35	0.91	-1.841	
24	0.86	-1.003	
92	0.86	-1.003	
Std Dev	0.86	-1.000	
51	0.84	-0.668	
237	0.83	-0.501	
49	0.82	-0.250	
24	0.81	-0.166	
51	0.81	-0.166	

92	0.81	-0.166
75	0.81	-0.085
Median	0.80	0.000
9	0.80	0.085
9	0.79	0.169
49	0.77	0.504
75	0.77	0.521
10	0.76	0.672
10	0.76	0.755
15	0.75	0.923
15	0.75	0.923
15	0.75	0.923
21	0.75	0.923
Std Dev	0.74	1.000
13	0.70	1.677
13	0.70	1.677
21	0.70	1.677

403 Other(describe)			
Lab	%	Al2O3	
56	1.54	-1.326	
Std Dev	1.48	-1.000	
77	1.33	-0.141	
Median	1.31	0.000	
77	1.28	0.141	
Std Dev	1.13	1.000	
19	0.74	3.188	

501 Atomic Absorption-AFPC IX.8.A			
Lab	%	MgO	
27	0.83	-2.680	
Std Dev	0.82	-1.000	
35	0.82	0.000	
55	0.82	0.000	
Median	0.82	0.000	
Std Dev	0.82	1.000	
27	0.81	2.680	

502 ICP-induced coupled plasma-AFPC IX.8.B			
Lab	%	MgO	
52	0.92	-3.896	
75	0.90	-2.896	
21	0.88	-1.391	
35	0.87	-1.113	
Std Dev	0.87	-1.000	

51	0.86	-0.557
21	0.86	-0.278
49	0.86	-0.278
10	0.85	0.000
13	0.85	0.000
15	0.85	0.000
49	0.85	0.000
92	0.85	0.000
Median	0.85	0.000
10	0.84	0.557
24	0.84	0.557
51	0.84	0.557
92	0.84	0.557
15	0.84	0.835
Std Dev	0.83	1.000
75	0.83	1.289
9	0.83	1.391
13	0.83	1.391
9	0.82	1.670
24	0.82	1.670
237	0.81	2.226

503 Other(describe)			
Lab	%	MgO	
56	0.86	-0.670	
77	0.85	-0.479	
Median	0.83	0.000	
77	0.80	0.479	
Std Dev	0.77	1.000	
19	0.73	1.819	

601 Insoluble-AFPC IX.4.A			
Lab	%	Al	
10	9.17	-1.356	
15	9.12	-1.200	
15	9.07	-1.060	
Std Dev	9.05	-1.000	
9	9.03	-0.919	
26	9.02	-0.904	
26	8.99	-0.810	
9	8.98	-0.763	
35	8.81	-0.249	
30	8.79	-0.187	
49	8.74	-0.031	

Median	8.73	0.000
51	8.72	0.031
55	8.72	0.031
24	8.68	0.171
49	8.59	0.436
51	8.57	0.499
35	8.56	0.530
13	8.56	0.530
24	8.55	0.577
13	8.44	0.919
Std Dev	8.41	1.000
10	8.39	1.060

602 Other(describe)			
Lab	%	Al	
19	10.40	-2.585	
Std Dev	9.57	-1.000	
21	9.04	0.000	
Median	9.04	0.000	
21	8.99	0.095	

651 Gasometric-AFPC IX.13.B			
Lab	%	CO2	
15	5.67	-3.651	
15	5.67	-3.651	
Std Dev	4.76	-1.000	
24	4.60	-0.550	
77	4.56	-0.435	
24	4.55	-0.406	
21	4.46	-0.145	
21	4.46	-0.145	
Median	4.41	0.000	
30	4.36	0.145	
9	4.19	0.637	
13	4.11	0.869	
9	4.09	0.927	
49	4.07	1.000	
Std Dev	4.06	1.000	
13	4.01	1.173	
49	2.96	4.201	

652 Other(describe)			
Lab	%	CO2	
35	8.36	-1.514	

35	8.11	-1.391
Std Dev	7.32	-1.000
51	5.37	-0.039
Median	5.29	0.000
51	5.21	0.039
55	4.54	0.370
56	3.89	0.690

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	
75	46.59		-6.562
51	45.06		-1.891
51	44.94		-1.524
Std Dev	44.77		-1.000
10	44.69		-0.758
21	44.69		-0.743
92	44.56		-0.360
9	44.52		-0.237
9	44.49		-0.145
10	44.45		-0.023
Median	44.44		0.000
13	44.44		0.023
92	44.43		0.038
49	44.28		0.513
35	44.22		0.681
13	44.22		0.697
49	44.14		0.927
Std Dev	44.12		1.000
21	43.92		1.600
75	43.72		2.207
237	43.09		4.143

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

704 Permanganate			
Lab	%	CaO	
55	44.70		-1.114
Std Dev	44.66		-1.000

30	44.54	-0.597
Median	44.36	0.000
27	44.17	0.597
27	44.15	0.662

705 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	
35	43.68		0.000
Median	43.68		0.000

706 Other(describe)			
Lab	%	CaO	
15	44.70		-0.722
77	44.70		-0.722
24	44.65		-0.304
15	44.62		-0.114
Median	44.61		0.000
56	44.59		0.114
19	44.49		0.874
Std Dev	44.47		1.000
24	44.46		1.102
77	44.00		4.600

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
75	47.05		-6.930
Std Dev	45.18		-1.000
10	45.13		-0.825
21	45.12		-0.816
9	44.97		-0.316
9	44.96		-0.299
10	44.88		-0.048
13	44.87		0.000
Median	44.87		0.000
49	44.70		0.527
13	44.66		0.662
Std Dev	44.55		1.000
49	44.55		1.024
21	44.36		1.601
35	44.27		1.903

75	44.15	2.286
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713 Ceric Sulfate volumetric-AFPC IX.12.B			
Lab	%	CaO	dB
Median	0.00		0.000

714 Permanganate			
Lab	%	CaO	dB
55	45.14		-0.979
30	45.00		-0.622
Median	44.75		0.000
27	44.50		0.622
27	44.49		0.650

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
35	44.09		0.000
Median	44.09		0.000

716 Other(describe)			
Lab	%	CaO	dB
77	45.17		-0.861
15	45.11		-0.351
24	45.09		-0.226
Median	45.07		0.000
15	45.04		0.226
Std Dev	44.95		1.000
24	44.92		1.285
77	44.46		5.188

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	
24	3.67		-3.456
27	3.64		-3.033
27	3.57		-2.045
26	3.55		-1.763
49	3.52		-1.340
Std Dev	3.50		-1.000
26	3.49		-0.917
15	3.46		-0.423

24	3.45	-0.282
35	3.44	-0.212
15	3.44	-0.141
9	3.43	-0.071
9	3.43	0.000
75	3.43	0.000
Median	3.43	0.000
21	3.41	0.282
52	3.40	0.353
13	3.39	0.564
51	3.38	0.635
55	3.38	0.635
35	3.36	0.917
Std Dev	3.35	1.000
49	3.32	1.481
75	3.32	1.552
51	3.31	1.622
13	3.25	2.468
21	3.15	3.949
30	3.13	4.161

803 Other(describe)			
Lab	%	Fluorine, F	
77	3.60		-1.340
Std Dev	3.59		-1.000
Median	3.56		0.000
Std Dev	3.53		1.000
77	3.52		1.340

911 Atomic Absorption-AFPC			
Lab	ppm	Arsenic, As	
55	1.6		0.000
Median	1.6		0.000

912 ICP-induced coupled plasma-AFPC IX.15.I			
Lab	ppm	Arsenic, As	
24	22.7		-0.856
24	22.0		-0.722
77	20.0		-0.309
35	19.0		-0.103
Median	18.5		0.000
35	18.0		0.103
51	14.0		0.928
52	14.0		0.928

Std Dev	13.6	1.000
51	12.0	1.340

913	Other(describe)	
Lab	ppm	Arsenic, As
77	22.0	-1.340
Std Dev	21.8	-1.000
Median	21.0	0.000
Std Dev	20.3	1.000
13	20.1	1.340

921	Atomic Absorption-AFPC IX.11.A	
Lab	ppm	Cadmium, Cd
55	10	0.000
Median	10	0.000

922	ICP-induced coupled plasma-AFPC IX.11.B	
Lab	ppm	Cadmium, Cd
51	3	-1.196
Std Dev	3	-1.000
77	3	-0.718
75	2	-0.335
35	2	-0.239
51	2	-0.239
75	2	0.000
Median	2	0.000
77	2	0.048
35	1	0.718
Std Dev	1	1.000
52	0	1.388
24	0	1.675
24	0	1.675

923	Other(describe)	
Lab	ppm	Cadmium, Cd
13	2	0.000
Median	2	0.000

931	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Cobalt, Co
55	5	0.000
Median	5	0.000

932	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Cobalt, Co
77	3	-1.356
Std Dev	3	-1.000
77	2	-0.840
35	2	-0.646
35	2	-0.646
Median	1	0.000
24	0	0.646
24	0	0.646
75	0	0.646
75	0	0.646

933	Other(describe)	
Lab	ppm	Cobalt, Co
13	2	0.000
Median	2	0.000

941	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Mercury, Hg
55	1.0	0.000
Median	1.0	0.000

942	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Mercury, Hg
24	29.0	-1.340
Std Dev	28.9	-1.000
Median	28.5	0.000
Std Dev	28.1	1.000
24	28.0	1.340

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	Molybdenum, Mo
Median	0	0.000

952	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Molybdenum, Mo
24	9	-0.571
24	9	-0.493

Median	8	0.000
77	8	0.493
Std Dev	7	1.000
77	6	1.833

953	Other(describe)	
Lab	ppm	Molybdenum, Mo
13	12	0.000
Median	12	0.000

961	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Nickel, Ni
55	14	0.000
Median	14	0.000

962	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Nickel, Ni
35	13	-2.978
24	11	-1.414
Std Dev	10	-1.000
77	10	-0.596
77	9	-0.074
35	9	0.000
Median	9	0.000
24	8	0.707
52	8	0.744
Std Dev	8	1.000
75	5	3.350
75	4	3.611

963	Other(describe)	
Lab	ppm	Nickel, Ni
19	20	-1.340
Std Dev	19	-1.000
Median	14	0.000
Std Dev	10	1.000
13	9	1.340

971	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Lead, Pb
55	13	0.000
Median	13	0.000

972	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Lead, Pb
51	12	-1.040
Std Dev	12	-1.000
51	11	-0.578
35	10	-0.116
35	10	-0.116
Median	10	0.000
77	10	0.116
77	9	0.531
Std Dev	8	1.000
24	4	2.842
24	3	3.258

973	Other(describe)	
Lab	ppm	Lead, Pb
13	12	0.000
Median	12	0.000

981	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Selenium, Se
Median	0	0.000

982	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Selenium, Se
77	1	0.000
Median	1	0.000

983	Other(describe)	
Lab	ppm	Selenium, Se
13	2	0.000
Median	2	0.000

991	Atomic Absorption-AFPC IX.16.B	
Lab	ppm	Zinc, Zn
55	32	0.000
Median	32	0.000

992	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
24	40	-3.836
24	38	-2.931
Std Dev	32	-1.000
35	31	-0.670

35	30	-0.335
77	29	0.000
Median	29	0.000
75	27	0.553
75	27	0.670
Std Dev	26	1.000
52	26	1.005
77	24	1.675

993	Other(describe)		
Lab	ppm	Zinc, Zn	
19	27	-1.340	
Std Dev	24	-1.000	
Median	14	0.000	
Std Dev	3	1.000	
13	0	1.340	