

AFPC Rock Check Program

Sample No. 2018-09

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	26	0.62	0.101
Other (describe)	102	1	0.56	
Method Group 100		27	0.61	0.10
P₂O₅				
Gravimetric AFPC IX.3.B	201	4	28.24	0.217
ICP-induced coupled plasma AFPC IX.3.D	202			
Photometric-AFPC IX.3.C	203	20	28.24	0.134
Automated -AOAC 978.01-15th	204	9	28.32	0.097
Other(describe)	205	4	27.93	0.196
Method Group 200		37	28.24	0.16
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	28.28	0.027
ICP-induced coupled plasma AFPC IX.3.D	212			
Photometric-AFPC IX.3.C	213	14	28.49	0.128
Automated -AOAC 978.01-15th	214	9	28.50	0.137
Other(describe)	215	2	28.09	0.022
Method Group 210		27	28.45	0.16
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	2	1.37	0.026
ICP-induced coupled plasma-AFPC IX.6.C	302	26	1.24	0.309
Other(describe)	303	7	1.35	0.089
Method Group 300		35	1.33	0.28
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	2	0.96	0.000
ICP-induced coupled plasma-AFPC IX.7.C	402	26	1.01	0.077
Other(describe)	403	7	1.19	0.078
Method Group 400		35	1.02	0.12
MgO				
Atomic Absorption-AFPC IX.8.A	501	2	0.45	0.052
ICP-induced coupled plasma-AFPC IX.8.B	502	24	0.51	0.011
Other(describe)	503	7	0.51	0.019
Method Group 500		33	0.51	0.01
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	20	13.92	0.215
Other(describe)	602	3	14.30	0.088
Method Group 600		23	13.96	0.25
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	12	3.55	0.197
Other(describe)	652	9	4.38	0.694
Method Group 650		21	3.72	0.35
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	19	42.18	0.213
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	1	42.16	0.000
EDTA Volumetric-AFPC IX.12.C	705			
Other(describe)	706	12	42.27	0.355
Method Group 700		32	42.18	0.26
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	13	42.46	0.188
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	1	42.36	0.000
EDTA Volumetric-AFPC IX.12.C	715			
Other(describe)	716	9	42.74	0.300
Method Group 710		22	42.47	0.28

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	21	3.31	0.108
Other (describe)	803	5	3.25	0.108
Method Group 800		26	3.31	0.11
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	9	19.0	3.73
Other(describe)	913	2	14.6	8.15
Method Group 900		11	19.0	7.59
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	13	3	0.5
Other(describe)	923	4	5	2.4
Method Group 910		17	3	0.7
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	7	2	2.5
Other(describe)	933	4	2	3.5
Method Group 920		11	2	3.0
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	1	0.5	0.00
Other(describe)	943	7	2.6	18.17
Method Group 930		8	1.5	10.50
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	8	15	4.3
Other(describe)	953	2	15	2.9
Method Group 940		10	15	4.8
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	11	16	2.0
Other(describe)	963	5	20	0.9
Method Group 950		16	18	3.1
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	8	10	3.8
Other(describe)	973	4	9	2.2
Method Group 960		12	9	2.9
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982			
Other(describe)	983	1	3	0.0
Method Group 970		1	3	0.0
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991			
ICP-induced coupled plasma-AFPC IX.16.A	992	11	43	3
Other(describe)	993	6	54	6
Method Group 980		17	45	10

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	
15	0.90	-2.754	
15	0.85	-2.308	
55	0.77	-1.514	
24	0.74	-1.166	
10	0.73	-1.117	
Std Dev	0.72	-1.000	
21	0.72	-0.968	
10	0.71	-0.918	
52	0.69	-0.720	
26	0.69	-0.670	
13	0.68	-0.571	
21	0.67	-0.471	
24	0.64	-0.174	
13	0.63	-0.074	
Median	0.62	0.000	
49	0.61	0.074	
20	0.60	0.174	
77	0.59	0.273	
77	0.59	0.273	
9	0.57	0.471	
75	0.57	0.471	
35	0.57	0.471	
9	0.57	0.521	
75	0.57	0.521	
Std Dev	0.52	1.000	
30	0.47	1.464	
275	0.47	1.464	
275	0.43	1.861	
35	0.28	3.350	

102 Other (describe)			
Lab	%	H ₂ O	
20	0.56	0.000	
Median	0.56	0.000	

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
65	28.39	-0.679	
56	28.39	-0.656	
Median	28.24	0.000	
55	28.10	0.656	
77	28.08	0.748	

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
Median	0.00	0.000	

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
35	28.79	-4.094	
26	28.65	-3.015	
35	28.62	-2.829	
9	28.38	-1.005	
Std Dev	28.37	-1.000	
9	28.37	-0.968	
49	28.35	-0.819	
21	28.34	-0.744	
275	28.25	-0.074	
21	28.25	-0.037	
45	28.24	0.000	
51	28.24	0.000	
Median	28.24	0.000	
10	28.20	0.298	
275	28.20	0.298	
30	28.18	0.447	
92	28.18	0.447	
10	28.16	0.596	
51	28.16	0.596	
92	28.15	0.670	
Std Dev	28.11	1.000	
52	28.02	1.638	
45	27.93	2.308	

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
15	28.41	-0.928	
24	28.41	-0.876	
75	28.37	-0.515	
15	28.34	-0.155	
13	28.32	0.000	
Median	28.32	0.000	
13	28.29	0.309	
77	28.24	0.825	
24	28.23	0.979	
Std Dev	28.22	1.000	
75	28.10	2.319	

205 Other(describe)			
Lab	%	P2O5	
56	28.70	-3.956	
Std Dev	28.12	-1.000	
20	27.96	-0.179	
Median	27.93	0.000	
20	27.89	0.179	
19	27.86	0.332	

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
55	28.32	-1.340	
Std Dev	28.31	-1.000	
Median	28.28	0.000	
Std Dev	28.26	1.000	
77	28.25	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
Median	0.00	0.000	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
35	28.87	-3.009	
26	28.84	-2.788	
35	28.78	-2.330	
Std Dev	28.61	-1.000	
9	28.54	-0.391	
9	28.53	-0.363	
21	28.53	-0.340	
49	28.52	-0.296	
Median	28.49	0.000	
21	28.45	0.296	
10	28.41	0.617	
275	28.37	0.893	
10	28.36	0.976	
Std Dev	28.36	1.000	
275	28.33	1.197	
30	28.31	1.354	
52	28.21	2.124	

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB

15	28.65	-1.136	
Std Dev	28.63	-1.000	
24	28.62	-0.857	
15	28.59	-0.678	
75	28.53	-0.252	
13	28.50	0.000	
Median	28.50	0.000	
13	28.48	0.116	
77	28.41	0.662	
24	28.41	0.678	
Std Dev	28.36	1.000	
75	28.25	1.780	

215 Other(describe)			
Lab	%	P2O5	dB
20	28.12	-1.340	
Std Dev	28.11	-1.000	
Median	28.09	0.000	
Std Dev	28.07	1.000	
20	28.06	1.340	

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
241	1.40	-1.340	
Std Dev	1.39	-1.000	
Median	1.37	0.000	
Std Dev	1.34	1.000	
55	1.33	1.340	

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
15	1.43	-0.605	
45	1.43	-0.605	
45	1.43	-0.605	
15	1.43	-0.589	
92	1.42	-0.573	
92	1.42	-0.573	
35	1.40	-0.508	
51	1.40	-0.508	
275	1.39	-0.476	
51	1.36	-0.378	
275	1.34	-0.314	
75	1.27	-0.072	
75	1.25	-0.026	

Median	1.24	0.000
24	1.24	0.026
24	1.17	0.237
35	1.11	0.431
52	1.05	0.626
9	1.01	0.771
10	0.99	0.820
13	0.99	0.836
10	0.98	0.852
49	0.98	0.852
13	0.97	0.901
9	0.96	0.933
21	0.94	0.982
21	0.94	0.982

303 Other(describe)		
Lab	%	Fe2O3
77	1.55	-2.243
77	1.50	-1.682
Std Dev	1.44	-1.000
56	1.38	-0.336
20	1.35	0.000
Median	1.35	0.000
65	1.34	0.101
19	1.30	0.561
20	1.30	0.561

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
55	0.96	0.000
241	0.96	0.000
Median	0.96	0.000

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
35	1.21	-2.572
275	1.20	-2.443
275	1.17	-2.055
51	1.16	-1.926
92	1.12	-1.409
51	1.11	-1.280
92	1.09	-1.022
Std Dev	1.09	-1.000
35	1.05	-0.505

45	1.04	-0.376
45	1.02	-0.118
75	1.02	-0.059
24	1.02	-0.053
75	1.01	-0.011
Median	1.01	0.000
49	1.01	0.011
24	1.01	0.076
10	0.99	0.270
10	0.99	0.270
15	0.98	0.399
15	0.98	0.399
9	0.98	0.463
9	0.97	0.528
Std Dev	0.93	1.000
21	0.93	1.109
21	0.92	1.174
13	0.91	1.367
13	0.90	1.432
52	0.85	2.078

403 Other(describe)		
Lab	%	Al2O3
19	1.25	-0.769
65	1.25	-0.757
56	1.24	-0.641
77	1.19	0.000
Median	1.19	0.000
77	1.15	0.513
20	1.13	0.769
Std Dev	1.11	1.000
20	1.10	1.154

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
241	0.52	-1.340
Std Dev	0.50	-1.000
Median	0.45	0.000
Std Dev	0.40	1.000
55	0.38	1.340

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
35	0.54	-2.623

21	0.54	-2.186
15	0.53	-1.749
49	0.53	-1.749
15	0.53	-1.312
Std Dev	0.52	-1.000
9	0.52	-0.874
10	0.52	-0.874
45	0.52	-0.874
45	0.52	-0.874
13	0.52	-0.437
21	0.52	-0.437
9	0.51	0.000
10	0.51	0.000
24	0.51	0.000
35	0.51	0.000
51	0.51	0.000
92	0.51	0.000
Median	0.51	0.000
13	0.51	0.437
75	0.50	0.551
24	0.50	0.874
51	0.50	0.874
Std Dev	0.50	1.000
75	0.50	1.254
92	0.49	1.749
52	0.47	3.498

503 Other(describe)		
Lab	%	MgO
77	0.52	-0.590
77	0.52	-0.590
56	0.51	-0.054
65	0.51	0.000
Median	0.51	0.000
20	0.50	0.482
Std Dev	0.49	1.000
20	0.48	1.554
19	0.44	3.698

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
26	14.18	-1.200
10	14.15	-1.060
Std Dev	14.14	-1.000

49	14.14	-0.990
55	14.10	-0.827
13	14.05	-0.571
9	14.03	-0.501
9	14.03	-0.501
10	13.99	-0.315
51	13.96	-0.175
35	13.93	-0.035
Median	13.92	0.000
13	13.92	0.035
51	13.91	0.058
35	13.90	0.105
24	13.77	0.711
45	13.76	0.757
Std Dev	13.71	1.000
24	13.71	1.014
15	13.66	1.247
15	13.63	1.387
30	13.61	1.457
45	13.58	1.596

602 Other(describe)		
Lab	%	Al
21	14.33	-0.285
21	14.30	0.000
Median	14.30	0.000
Std Dev	14.21	1.000
19	14.09	2.395

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
24	3.82	-1.397
30	3.75	-1.042
Std Dev	3.74	-1.000
24	3.72	-0.889
15	3.69	-0.737
15	3.66	-0.559
9	3.56	-0.076
Median	3.55	0.000
21	3.53	0.076
21	3.53	0.102
9	3.46	0.432
49	3.36	0.965
Std Dev	3.35	1.000

13	3.22	1.677
13	3.07	2.439

652 Other(describe)		
Lab	%	CO2
35	7.00	-3.775
35	6.99	-3.761
Std Dev	5.07	-1.000
55	4.70	-0.461
51	4.49	-0.158
51	4.38	0.000
Median	4.38	0.000
56	4.00	0.548
20	3.77	0.879
20	3.73	0.937
Std Dev	3.69	1.000
65	3.58	1.153

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
35	46.27	-19.221
35	43.42	-5.821
9	42.42	-1.119
9	42.41	-1.072
92	42.40	-1.025
Std Dev	42.39	-1.000
49	42.35	-0.766
51	42.25	-0.320
75	42.25	-0.296
13	42.20	-0.061
75	42.18	0.000
Median	42.18	0.000
45	42.18	0.009
10	42.16	0.103
51	42.13	0.244
10	42.09	0.433
13	42.09	0.456
92	42.04	0.668
Std Dev	41.97	1.000
21	41.92	1.232

45	41.92	1.232
21	41.90	1.326

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

704 Permanganate		
Lab	%	CaO
30	42.16	0.000
Median	42.16	0.000

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
Median	0.00	0.000

706 Other(describe)		
Lab	%	CaO
77	42.50	-0.640
24	42.47	-0.556
15	42.47	-0.542
15	42.46	-0.528
19	42.46	-0.528
24	42.43	-0.429
Median	42.27	0.000
55	42.12	0.429
77	42.10	0.485
56	42.00	0.767
20	41.94	0.936
Std Dev	41.92	1.000
20	41.89	1.076
65	39.33	8.279

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

712 ICP-induced coupled plasma-AFPC IX.12.D		
Lab	%	CaO
35	46.54	-21.709
35	43.54	-5.758
9	42.66	-1.075
9	42.65	-1.010
Std Dev	42.65	-1.000

49	42.60	-0.764
75	42.49	-0.126
10	42.46	0.000
Median	42.46	0.000
13	42.46	0.006
75	42.42	0.201
10	42.40	0.330
13	42.37	0.482
Std Dev	42.27	1.000
21	42.22	1.277
21	42.18	1.497

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

714 Permanganate		
Lab	%	CaO
30	42.36	0.000
Median	42.36	0.000

715 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
Median	0.00	0.000

716 Other(describe)		
Lab	%	CaO
15	42.85	-0.364
15	42.82	-0.283
77	42.75	-0.044
24	42.74	-0.008
24	42.74	0.000
Median	42.74	0.000
55	42.45	0.973
Std Dev	42.44	1.000
77	42.35	1.296
20	42.18	1.875
20	42.14	1.986

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
55	3.75	-4.066
Std Dev	3.42	-1.000
9	3.41	-0.878
21	3.41	-0.878
9	3.39	-0.693
75	3.38	-0.647
26	3.37	-0.554
15	3.33	-0.139
21	3.32	-0.092
51	3.32	-0.092
24	3.32	-0.046
35	3.31	0.000
Median	3.31	0.000
35	3.30	0.092
51	3.27	0.370
15	3.26	0.462
13	3.24	0.693
13	3.23	0.786
49	3.23	0.786
30	3.21	0.924
Std Dev	3.20	1.000
75	3.17	1.340
24	3.02	2.726
52	2.83	4.436

803 Other(describe)		
Lab	%	Fluorine, F
20	3.42	-1.571
20	3.39	-1.294
Std Dev	3.36	-1.000
77	3.25	0.000
Median	3.25	0.000
65	3.25	0.046
Std Dev	3.14	1.000
77	3.14	1.017

911 Atomic Absorption-AFPC		
Lab	ppm	Arsenic, As
Median	0.0	0.000

912 ICP-induced coupled plasma-AFPC IX.15.I		
Lab	ppm	Arsenic, As

24	26.9	-2.117
24	26.8	-2.077
35	23.0	-1.072
Std Dev	22.7	-1.000
52	22.4	-0.911
35	19.0	0.000
51	19.0	0.000
Median	19.0	0.000
51	18.0	0.268
Std Dev	15.3	1.000
20	10.2	2.358
20	10.0	2.412

913 Other(describe)		
Lab	ppm	Arsenic, As
13	25.6	-1.340
Std Dev	22.8	-1.000
Median	14.6	0.000
Std Dev	6.5	1.000
55	3.7	1.340

921 Atomic Absorption-AFPC IX.11.A		
Lab	ppm	Cadmium, Cd
Median	0	0.000

922 ICP-induced coupled plasma-AFPC IX.11.B		
Lab	ppm	Cadmium, Cd
275	4	-1.283
275	4	-1.149
Std Dev	4	-1.000
75	3	-0.699
75	3	-0.479
35	3	0.000
35	3	0.000
45	3	0.000
45	3	0.000
51	3	0.000
Median	3	0.000
24	3	0.861
Std Dev	2	1.000
51	2	1.914
24	2	2.010
52	1	3.254

923 Other(describe)		
Lab	ppm	Cadmium, Cd
20	6	-0.711
20	6	-0.542
Median	5	0.000
13	3	0.542
Std Dev	2	1.000
55	1	1.395

931 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Cobalt, Co
Median	0	0.000

932 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Cobalt, Co
35	4	-1.000
35	4	-1.000
45	4	-1.000
24	2	0.000
Median	2	0.000
24	1	0.080
75	0	0.600
75	0	0.600

933 Other(describe)		
Lab	ppm	Cobalt, Co
55	5	-0.829
13	5	-0.647
Median	2	0.000
20	0	0.647
20	0	0.647

941 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Mercury, Hg
Median	0.0	0.000

942 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Mercury, Hg
35	0.5	0.000
Median	0.5	0.000

943 Other(describe)		
Lab	ppm	Mercury, Hg
24	46.5	-2.417

24	45.0	-2.334
Std Dev	20.8	-1.000
45	4.0	-0.078
13	2.6	0.000
Median	2.6	0.000
55	0.2	0.131
20	0.1	0.136
20	0.1	0.136

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
45	21	-1.367
45	20	-1.136
Std Dev	19	-1.000
275	16	-0.187
275	16	-0.131
Median	15	0.000
24	15	0.131
24	13	0.373
Std Dev	11	1.000
20	4	2.544
20	4	2.551

953 Other(describe)		
Lab	ppm	Molybdenum, Mo
13	19	-1.340
Std Dev	18	-1.000
Median	15	0.000
Std Dev	12	1.000
55	12	1.340

961 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Nickel, Ni
Median	0	0.000

962 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Nickel, Ni
275	20	-2.164
275	20	-2.011
Std Dev	18	-1.000

35	18	-0.983
24	18	-0.959
52	17	-0.492
45	16	0.000
45	16	0.000
Median	16	0.000
24	16	0.246
35	15	0.492
Std Dev	14	1.000
75	11	2.385
75	10	2.778

963 Other(describe)		
Lab	ppm	Nickel, Ni
19	28	-8.933
Std Dev	21	-1.000
20	20	0.000
55	20	0.000
Median	20	0.000
Std Dev	19	1.000
13	19	1.340
20	18	2.233

971 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Lead, Pb
Median	0	0.000

972 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Lead, Pb
275	20	-2.719
275	20	-2.628
Std Dev	13	-1.000
51	11	-0.390
51	10	-0.130
Median	10	0.000
35	9	0.130
35	9	0.130
Std Dev	6	1.000
24	5	1.171
24	3	1.574

973 Other(describe)		
Lab	ppm	Lead, Pb
13	13	-2.001

Std Dev	11	-1.000
	20	9
		-0.092
Median	9	0.000
	20	9
		0.092
Std Dev	7	1.000
	55	3
		2.807

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

982	ICP-induc:coupled plasma-AFPC IX.16.A	
Lab	ppm	Selenium, Se
Median	0	0.000

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
Median	0	0.000

992	ICP-induced coupled plasma-AFPC IX.16.A	
Lab	ppm	Zinc, Zn
	24	64
		-6.708
	24	61
		-5.651
Std Dev	46	-1.000
	75	46
		-0.800
	275	45
		-0.599
	275	44
		-0.371
	35	43
		0.000
	45	43
		0.000
Median	43	0.000
	35	41
		0.640
	45	41
		0.640
	75	41
		0.704
Std Dev	40	1.000
	52	36
		2.241

993	Other(describe)	
Lab	ppm	Zinc, Zn
	19	62
		-1.519

Std Dev	59	-1.000
	20	57
		-0.625
	20	55
		-0.268
Median	54	0.000
	55	52
		0.268
	19	48
		0.983
Std Dev	48	1.000
	13	40
		2.376