

AFPC Rock Check Program

Sample No. 2019-07

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	30	1.03	0.124
Other (describe)	102			
Method Group 100		30	1.03	0.12
P₂O₅				
Gravimetric AFPC IX.3.B	201	3	28.81	0.034
ICP-induced coupled plasma AFPC IX.3.D	202	3	28.57	0.522
Photometric-AFPC IX.3.C	203	23	28.67	0.183
Automated -AOAC 978.01-15th	204	7	28.81	0.338
Other(describe)	205	3	28.60	0.174
Method Group 200		39	28.67	0.22
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	29.04	0.035
ICP-induced coupled plasma AFPC IX.3.D	212	3	28.90	0.546
Photometric-AFPC IX.3.C	213	15	28.97	0.185
Automated -AOAC 978.01-15th	214	7	29.13	0.295
Other(describe)	215	1	29.25	0.000
Method Group 210		28	29.01	0.23
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	1	0.98	0.000
ICP-induced coupled plasma-AFPC IX.6.C	302	27	0.88	0.082
Other(describe)	303	3	1.07	0.015
Method Group 300		31	0.89	0.13
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	1	1.26	0.000
ICP-induced coupled plasma-AFPC IX.7.C	402	27	0.80	0.069
Other(describe)	403	3	1.35	0.019
Method Group 400		31	0.82	0.26
MgO				
Atomic Absorption-AFPC IX.8.A	501	2	0.82	0.015
ICP-induced coupled plasma-AFPC IX.8.B	502	24	0.83	0.019
Other(describe)	503	3	0.85	0.015
Method Group 500		29	0.84	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	20	8.85	0.203
Other(describe)	602	3	9.10	0.815
Method Group 600		23	8.87	0.30
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	14	4.42	0.297
Other(describe)	652	9	5.45	1.780
Method Group 650		23	4.48	0.74
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	21	44.40	0.280
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	4	42.55	3.127
EDTA Volumetric-AFPC IX.12.C	705	2	44.05	0.575
Other(describe)	706	7	44.63	0.491
Method Group 700		34	44.41	0.36
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	13	45.00	0.216
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	4	42.91	3.107
EDTA Volumetric-AFPC IX.12.C	715	2	44.49	0.585
Other(describe)	716	6	45.07	0.423
Method Group 710		25	44.94	0.30

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	26	3.44	0.120
Other (describe)	803	2	3.43	0.041
Method Group 800		28	3.44	0.11
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	10	18.6	5.78
Other(describe)	913	1	20.0	0.00
Method Group 900		11	19.3	5.45
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	14	2	0.7
Other(describe)	923	1	2	0.0
Method Group 910		15	2	0.6
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	9	2	0.8
Other(describe)	933	1	2	0.0
Method Group 920		10	2	0.8
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942	3		0.01
Other (describe)	943	3	26.5	10.06
Method Group 930		6	0.0	14.83
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	7	8	1.0
Other (describe)	953	1	12	0.0
Method Group 940		8	8	1.4
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	12	10	2.1
Other (describe)	963	1	9	0.0
Method Group 950		13	10	1.9
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	13	11	1.5
Other (describe)	973	1	12	0.0
Method Group 960		14	11	1.5
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	2		0.0
Other (describe)	983	1	2	0.0
Method Group 970		3	0	0.8
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991			
ICP-induced coupled plasma-AFPC IX.16.A	992	10	27	4
Other (describe)	993	1	22	0
Method Group 980		11	26	5

101 Ground Sample AFPC IX.2.A		
Lab	%	H ₂ O
21	1.48	-3.607
21	1.41	-3.043
69	1.27	-1.914
24	1.25	-1.753
13	1.23	-1.592
10	1.17	-1.149
10	1.17	-1.108
Std Dev	1.15	-1.000
24	1.14	-0.907
9	1.11	-0.665
13	1.11	-0.625
9	1.10	-0.584
26	1.08	-0.423
26	1.06	-0.262
52	1.03	-0.020
113	1.03	-0.020
Median	1.03	0.000
27	1.03	0.020
275	1.01	0.141
266	1.00	0.222
15	0.98	0.383
35	0.97	0.463
49	0.97	0.463
77	0.97	0.463
15	0.97	0.504
49	0.94	0.705
275	0.94	0.705
35	0.92	0.866
Std Dev	0.90	1.000
27	0.89	1.108
30	0.81	1.753
55	0.68	2.801
77	0.55	3.849

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

201 Gravimetric AFPC IX.3.B		
Lab	%	P2O5
56	28.89	-2.382
Std Dev	28.84	-1.000

77	28.81	0.000
Median	28.81	0.000
55	28.80	0.298

202 ICP-induced coupled plasma AFPC IX.3.D		
Lab	%	P2O5
10	28.73	-0.316
10	28.57	0.000
Median	28.57	0.000
Std Dev	28.04	1.000
266	27.33	2.364

203 Photometric-AFPC IX.3.C		
Lab	%	P2O5
78	29.15	-2.625
270	29.10	-2.352
27	28.91	-1.285
30	28.89	-1.203
Std Dev	28.85	-1.000
21	28.85	-0.957
35	28.80	-0.711
21	28.79	-0.656
9	28.77	-0.547
9	28.70	-0.164
49	28.69	-0.109
27	28.67	0.000
35	28.67	0.000
Median	28.67	0.000
51	28.66	0.055
113	28.65	0.109
51	28.63	0.219
92	28.58	0.492
78	28.55	0.656
92	28.55	0.656
49	28.53	0.793
Std Dev	28.49	1.000
52	28.41	1.422
26	28.36	1.696
26	28.29	2.078
30	28.29	2.078

204 Automated -AOAC 978.01-15th		
Lab	%	P2O5
15	28.93	-0.355

13	28.92	-0.341
15	28.88	-0.222
13	28.81	0.000
Median	28.81	0.000
24	28.51	0.888
Std Dev	28.47	1.000
24	28.39	1.229
77	28.37	1.288

205 Other(describe)		
Lab	%	P2O5
69	28.88	-1.614
Std Dev	28.77	-1.000
56	28.60	0.000
Median	28.60	0.000
Std Dev	28.43	1.000
237	28.42	1.066

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
77	29.09	-1.340	
Std Dev	29.08	-1.000	
Median	29.04	0.000	
Std Dev	29.01	1.000	
55	29.00	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
10	29.07	-0.308	
10	28.90	0.000	
Median	28.90	0.000	
Std Dev	28.36	1.000	
266	27.61	2.372	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
21	29.26	-1.541	
21	29.22	-1.352	
27	29.20	-1.261	
Std Dev	29.16	-1.000	
30	29.13	-0.837	
9	29.09	-0.659	
35	29.08	-0.601	
9	29.02	-0.261	

49	28.97	0.000
Median	28.97	0.000
113	28.95	0.124
35	28.94	0.188
27	28.93	0.236
49	28.80	0.948
Std Dev	28.79	1.000
52	28.71	1.435
26	28.67	1.629
26	28.59	2.043

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
13	29.28	-0.514	
15	29.21	-0.271	
15	29.17	-0.132	
13	29.13	0.000	
Median	29.13	0.000	
24	28.83	0.993	
Std Dev	28.83	1.000	
24	28.75	1.284	
77	28.53	2.033	

215 Other(describe)			
Lab	%	P2O5	dB
69	29.25	0.000	
Median	29.25	0.000	

301 Atomic Absorption-AFPC IX.6.B		
Lab	%	Fe2O3
55	0.98	0.000
Median	0.98	0.000

302 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Fe2O3
35	1.07	-2.315
35	1.06	-2.193
266	1.00	-1.462
78	0.98	-1.218
78	0.97	-1.096
Std Dev	0.96	-1.000
52	0.94	-0.731
15	0.92	-0.487
15	0.91	-0.365

21	0.91	-0.365
275	0.91	-0.365
275	0.90	-0.244
92	0.89	-0.122
51	0.88	0.000
92	0.88	0.000
Median	0.88	0.000
51	0.86	0.244
270	0.86	0.244
69	0.84	0.548
237	0.82	0.743
10	0.81	0.853
10	0.81	0.914
49	0.81	0.914
9	0.80	0.975
Std Dev	0.80	1.000
9	0.80	1.035
49	0.79	1.096
13	0.79	1.157
13	0.78	1.279
21	0.75	1.584

303 Other(describe)		
Lab	%	Fe2O3
77	1.07	0.000
77	1.07	0.000
Median	1.07	0.000
Std Dev	1.06	1.000
56	1.03	2.680

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
55	1.26	0.000
Median	1.26	0.000

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
52	1.51	-10.358
266	1.47	-9.778
78	1.34	-7.895
78	1.27	-6.809
35	0.95	-2.245
35	0.95	-2.245
Std Dev	0.86	-1.000

21	0.85	-0.797
51	0.85	-0.797
92	0.84	-0.652
275	0.84	-0.652
92	0.83	-0.507
275	0.82	-0.362
51	0.81	-0.217
9	0.80	0.000
9	0.80	0.000
Median	0.80	0.000
270	0.80	0.000
49	0.79	0.072
10	0.78	0.290
10	0.76	0.507
69	0.76	0.507
15	0.76	0.579
15	0.75	0.724
21	0.75	0.724
237	0.74	0.775
49	0.74	0.797
Std Dev	0.73	1.000
13	0.73	1.014
13	0.68	1.666

403 Other(describe)		
Lab	%	Al2O3
56	1.37	-1.072
Std Dev	1.37	-1.000
77	1.35	0.000
Median	1.35	0.000
Std Dev	1.33	1.000
77	1.32	1.608

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
55	0.84	-1.340
Std Dev	0.83	-1.000
Median	0.82	0.000
Std Dev	0.81	1.000
35	0.80	1.340

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
270	0.94	-5.762

69	0.94	-5.494
13	0.89	-2.814
13	0.88	-2.278
49	0.86	-1.474
49	0.86	-1.474
Std Dev	0.85	-1.000
10	0.84	-0.402
51	0.84	-0.402
9	0.84	-0.134
10	0.84	-0.134
15	0.84	-0.134
21	0.84	-0.134
Median	0.83	0.000
9	0.83	0.134
15	0.83	0.134
52	0.83	0.134
266	0.83	0.134
21	0.82	0.670
51	0.82	0.670
78	0.82	0.670
Std Dev	0.81	1.000
78	0.81	1.206
35	0.79	2.278
237	0.76	3.645
92	0.75	4.422
92	0.74	4.958

503 Other(describe)		
Lab	%	MgO
56	0.87	-1.340
Std Dev	0.86	-1.000
77	0.85	0.000
Median	0.85	0.000
Std Dev	0.84	1.000
77	0.83	1.340

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
26	9.39	-2.680
26	9.32	-2.336
49	9.25	-1.992
49	9.22	-1.844
15	9.21	-1.770
Std Dev	9.05	-1.000

69	8.95	-0.492
51	8.94	-0.467
55	8.90	-0.270
15	8.88	-0.172
51	8.87	-0.123
Median	8.85	0.000
9	8.82	0.123
10	8.80	0.246
13	8.79	0.270
9	8.76	0.418
35	8.74	0.516
24	8.73	0.566
24	8.72	0.639
35	8.71	0.664
13	8.69	0.787
Std Dev	8.64	1.000
10	8.29	2.729

602 Other(describe)		
Lab	%	Al
266	11.00	-2.337
Std Dev	9.91	-1.000
21	9.10	0.000
Median	9.10	0.000
21	8.82	0.343

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
275	4.84	-1.417
9	4.75	-1.096
Std Dev	4.72	-1.000
9	4.70	-0.945
21	4.58	-0.540
21	4.58	-0.540
30	4.48	-0.203
49	4.44	-0.051
Median	4.42	0.000
69	4.40	0.051
49	4.40	0.067
275	4.40	0.067
Std Dev	4.12	1.000
13	4.11	1.044
13	4.11	1.044
15	3.45	3.269

15 3.42 3.387

652 Other(describe)		
Lab	%	CO2

35	8.05	-1.461
35	7.96	-1.410

Std Dev 7.23 -1.000

78	6.51	-0.593
78	6.38	-0.523
51	5.45	0.000
Median	5.45	0.000
51	5.37	0.045
55	4.12	0.747
56	4.00	0.815
266	3.73	0.966

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	

69 46.89 -8.880

52 46.52 -7.575

Std Dev 44.68 -1.000

49	44.66	-0.911
49	44.58	-0.625
9	44.52	-0.411
9	44.51	-0.393
51	44.48	-0.286
78	44.47	-0.250
10	44.41	-0.036
51	44.41	-0.036
10	44.40	0.000
Median	44.40	0.000
21	44.40	0.018
270	44.32	0.285
13	44.28	0.447
92	44.21	0.679
13	44.14	0.947

Std Dev 44.12 1.000

92	44.12	1.001
21	43.84	2.001
78	43.58	2.948

237 43.37 3.698

35 43.35 3.752

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

Median 0.00 0.000

704 Permanganate			
Lab	%	CaO	

55 44.62 -0.664

30 44.47 -0.616

Median 42.55 0.000

27 40.62 0.616

Std Dev 39.42 1.000

27 39.41 1.003

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

266 44.82 -1.340

Std Dev 44.62 -1.000

Median 44.05 0.000

Std Dev 43.48 1.000

35 43.28 1.340

706 Other(describe)			
Lab	%	CaO	

77 45.23 -1.233

77 45.20 -1.172

Std Dev 45.12 -1.000

15 44.64 -0.031

15 44.63 0.000

Median 44.63 0.000

56 44.35 0.560

24 44.18 0.917

Std Dev 44.13 1.000

24 43.60 2.099

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	

69 47.49 -11.498

52 47.00 -9.272

Std Dev 45.21 -1.000

49 45.09 -0.436

21 45.06 -0.285

9 45.01 -0.077

9 45.01 -0.033

49 45.00 0.000

Median 45.00 0.000

10 44.94 0.288

10 44.92 0.345

Std Dev 44.78 1.000

13 44.77 1.055

13 44.68 1.459

21 44.46 2.465

35 43.75 5.756

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

Median 0.00 0.000

714 Permanganate				
Lab	%	CaO	dB	

55 44.93 -0.649

30 44.83 -0.619

Median 42.91 0.000

27 40.98 0.619

27 39.82 0.995

715 EDTA Volumetric-AFPC IX.12.C				
Lab	%	CaO	dB	

266 45.27 -1.340

Std Dev 45.07 -1.000

Median 44.49 0.000

Std Dev 43.90 1.000

35 43.70 1.340

716 Other(describe)				
Lab	%	CaO	dB	

77 45.64 -1.352

Std Dev 45.49 -1.000

77 45.48 -0.968

15 45.08 -0.026

Median 45.07 0.000

15 45.06 0.026

24 44.73 0.801

Std Dev 44.65 1.000

24 44.10 2.301

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	

27 3.76 -2.701

27 3.76 -2.701

15 3.67 -1.953

21 3.64 -1.704

15 3.62 -1.537

Std Dev 3.56 -1.000

26 3.47 -0.291

26 3.45 -0.125

30 3.45 -0.125

49 3.45 -0.125

9 3.45 -0.083

21 3.45 -0.083

9 3.44 -0.042

35 3.44 -0.042

Median 3.44 0.000

35 3.43 0.042

49 3.43 0.083

270 3.35 0.706

13 3.33 0.914

13 3.32 0.997

Std Dev 3.31 1.000

51 3.28 1.288

24 3.28 1.330

55 3.25 1.537

266 3.22 1.787

51 3.19 2.036

69 2.99 3.740

52 2.55 7.354

803 Other(describe)			
Lab	%	Fluorine, F	

77 3.48 -1.340

Std Dev 3.47 -1.000

Median	3.43	0.000
Std Dev	3.38	1.000
77	3.37	1.340

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

912	ICP-induced coupled plasma-AFPC IX.15.B
Lab	ppm Arsenic, As
78	25.9 -1.258
Std Dev	24.4 -1.000
69	22.8 -0.714
270	21.2 -0.445
35	20.0 -0.238
78	19.3 -0.108
Median	18.6 0.000
35	18.0 0.108
52	13.6 0.869
51	13.0 0.973
Std Dev	12.8 1.000
51	12.0 1.145
266	11.7 1.197

913	Other(describe)
Lab	ppm Arsenic, As
13	20.0 0.000
Median	20.0 0.000

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
78	4 -2.783
78	3 -1.601
51	3 -1.527
Std Dev	3 -1.000
51	2 -0.059
77	2 -0.059
77	2 -0.059
275	2 -0.059
Median	2 0.000

275	2 0.059
266	1 0.749
270	1 0.896
Std Dev	1 1.000
35	1 1.410
35	1 1.410
52	1 1.997
69	0 2.878

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
Median	0 0.000

932	ICP-induced coupled plasma-AFPC IX.16.A
Lab	ppm Cobalt, Co
77	4 -2.552
77	3 -1.276
78	3 -1.276
78	3 -1.276
Std Dev	3 -1.000
35	2 0.000
35	2 0.000
Median	2 0.000
270	2 0.064
69	2 0.185
266	2 0.255

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
Median	0.0 0.000

942	ICP-induced coupled plasma-AFPC IX.16.A
Lab	ppm Mercury, Hg
266	0.0 -2.680

Std Dev	0.0 -1.000
69	0.0 0.000
270	0.0 0.000
Median	0.0 0.000

943	Other(describe)
Lab	ppm Mercury, Hg
24	27.0 -0.050
24	26.5 0.000
Median	26.5 0.000
Std Dev	16.4 1.000
13	0.0 2.630

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
69	17 -9.629
78	9 -1.015
Std Dev	9 -1.000
266	9 -0.903
78	8 0.000
Median	8 0.000
270	8 0.051
77	7 0.711
77	7 0.711

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
Median	0 0.000

962	ICP-induced coupled plasma-AFPC IX.16.A
Lab	ppm Nickel, Ni
35	15 -2.414
35	13 -1.449
Std Dev	12 -1.000
275	10 -0.145

77	10 0.000
77	10 0.000
78	10 0.000
275	10 0.000
Median	10 0.000
78	8 0.966
Std Dev	8 1.000
270	8 1.207
52	7 1.594
266	6 1.738
69	6 2.028

963	Other(describe)
Lab	ppm Nickel, Ni
13	9 0.000
Median	9 0.000

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
69	20 -6.037
266	13 -1.072
78	13 -1.039
Std Dev	12 -1.000
51	12 -0.670
275	11 -0.268
35	11 0.000
51	11 0.000
275	11 0.000
Median	11 0.000
78	10 0.369
35	10 0.670
Std Dev	10 1.000
77	9 1.340
77	9 1.340
270	9 1.407

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-induc coupled plasma-AFPC IX.16.A		
Lab	ppm	Selenium, Se
69	0	0.000
266	0	0.000
Median	0	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
Median	0	0.000

992 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Zinc, Zn
69	57	-7.670
Std Dev	31	-1.000
35	30	-0.762
52	30	-0.711
35	29	-0.508
78	29	-0.381
Median	27	0.000
78	26	0.381
266	25	0.432
77	24	0.762
Std Dev	23	1.000
77	22	1.270
270	21	1.524

993 Other(describe)		
Lab	ppm	Zinc, Zn
13	22	0.000
Median	22	0.000