

AFPC Rock Check Program

Sample No. 2011-02

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	20	0.11	0.044
Other (describe)	102	4	0.15	0.110
Method Group 100		24	0.11	0.05
P₂O₅				
Gravimetric AFPC IX.3.B	201	2	29.61	0.067
ICP-induced coupled plasma AFPC IX.3.D	202	2	29.63	0.104
Photometric-AFPC IX.3.C	203	16	29.63	0.091
Automated -AOAC 978.01-15th	204	9	29.63	0.071
Other(describe)	205	3	29.61	0.541
Method Group 200		32	29.63	0.11
P₂O₅ (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	2	29.63	0.067
ICP-induced coupled plasma AFPC IX.3.D	212	1	29.83	0.000
Photometric-AFPC IX.3.C	213	8	29.66	0.066
Automated -AOAC 978.01-15th	214	9	29.66	0.069
Other(describe)	215	2	30.02	0.193
Method Group 210		21	29.65	0.10
Fe₂O₃				
Atomic Absorption-AFPC IX.6.B	301	2	0.46	0.140
ICP-induced coupled plasma-AFPC IX.6.C	302	27	0.75	0.050
Other(describe)	303	2	0.62	0.000
Method Group 300		31	0.74	0.07
Al₂O₃				
Atomic Absorption-AFPC IX.7.B	401	1	0.28	0.000
ICP-induced coupled plasma-AFPC IX.7.C	402	27	0.46	0.047
Other(describe)	403	2	0.55	0.078
Method Group 400		30	0.45	0.05
MgO				
Atomic Absorption-AFPC IX.8.A	501	3	0.70	0.035
ICP-induced coupled plasma-AFPC IX.8.B	502	25	0.69	0.030
Other(describe)	503	2	0.54	0.105
Method Group 500		30	0.69	0.03
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	14	10.25	0.110
Other(describe)	602	4	10.40	1.830
Method Group 600		18	10.25	0.12
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	8	2.21	0.324
Other(describe)	652	8	2.79	1.555
Method Group 650		16	2.26	0.51
CaO				
Gravimetric sulfate-AFPC IX.12.A	701			
ICP-induced coupled plasma-AFPC IX.12.D	702	19	47.40	0.866
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	4	47.53	0.400
EDTA Volumetric-AFPC IX.12.C	705	2	47.26	0.153
Other(describe)	706	7	47.96	0.521
Method Group 700		32	47.43	0.67
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-induced coupled plasma-AFPC IX.12.D	712	12	47.38	1.789
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	3	47.78	0.192
EDTA Volumetric-AFPC IX.12.C	715	2	47.33	0.135
Other(describe)	716	6	48.00	0.430
Method Group 710		14	47.34	3.78

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	16	3.41	0.164
Other (describe)	803	4	3.44	0.131
Method Group 800		20	3.41	0.15
Arsenic, As				
Atomic Absorption	911			
ICP-induced coupled plasma-AFPC IX.15.B	912	7	18.3	5.45
Other(describe)	913	3	23.0	8.58
Method Group 900		10	19.1	6.74
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921			
ICP-induced coupled plasma-AFPC IX.11.B	922	11	31	1.5
Other(describe)	923	3	20	7.8
Method Group 910		14	31	1.7
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931			
ICP-induced coupled plasma-AFPC IX.16.A	932	10	1	0.3
Other(describe)	933	1	4	0.0
Method Group 920		11	1	0.7
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-induced coupled plasma-AFPC IX.16.A	942			
Other(describe)	943			
Method Group 930		0	#NUM!	
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951			
ICP-induced coupled plasma-AFPC IX.16.A	952	9	9	0.7
Other(describe)	953	2	18	3.4
Method Group 940		11	10	2.0
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961			
ICP-induced coupled plasma-AFPC IX.16.A	962	11	19	1.5
Other(describe)	963	3	28	16.8
Method Group 950		14	20	2.1
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971			
ICP-induced coupled plasma-AFPC IX.16.A	972	9	3	0.6
Other(describe)	973	1	9	0.0
Method Group 960		10	4	0.8
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-induced coupled plasma-AFPC IX.16.A	982	6	2	1.8
Other(describe)	983	2	136	92.9
Method Group 970		8	3	3.3
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	292	0
ICP-induced coupled plasma-AFPC IX.16.A	992	11	284	32
Other(describe)	993	2	266	6
Method Group 980		14	280	23

101 Ground Sample AFPC IX.2.A			
Lab	%	H ₂ O	
266	0.20	-2.110	
9	0.19	-1.768	
9	0.18	-1.654	
49	0.17	-1.426	
Std Dev	0.15	-1.000	
16	0.14	-0.741	
10	0.14	-0.627	
77	0.12	-0.285	
6	0.11	-0.057	
24	0.11	-0.057	
75	0.11	-0.057	
Median	0.11	0.000	
61	0.11	0.057	
24	0.11	0.057	
35	0.10	0.217	
61	0.08	0.627	
75	0.08	0.627	
15	0.07	0.855	
15	0.07	0.855	
Std Dev	0.06	1.000	
241	0.06	1.015	
77	0.06	1.083	
27	0.04	1.654	

102 Other (describe)			
Lab	%	H ₂ O	
69	0.53	-3.498	
Std Dev	0.26	-1.000	
26	0.17	-0.227	
Median	0.15	0.000	
21	0.12	0.227	
21	0.09	0.500	

201 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	
77	29.70	-1.340	
Std Dev	29.68	-1.000	
Median	29.61	0.000	
Std Dev	29.54	1.000	
241	29.52	1.340	

202 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	
266	29.77	-1.340	
Std Dev	29.73	-1.000	
Median	29.63	0.000	
Std Dev	29.53	1.000	
6	29.49	1.340	

203 Photometric-AFPC IX.3.C			
Lab	%	P2O5	
27	33.70	-44.521	
270	29.88	-2.735	
49	29.74	-1.203	
Std Dev	29.72	-1.000	
78	29.70	-0.766	
92	29.70	-0.766	
92	29.70	-0.766	
10	29.68	-0.547	
16	29.64	-0.109	
Median	29.63	0.000	
16	29.62	0.109	
26	29.62	0.109	
9	29.60	0.328	
6	29.58	0.547	
9	29.57	0.656	
78	29.56	0.766	
Std Dev	29.54	1.000	
10	29.42	2.297	
60	29.05	6.344	

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
77	29.72	-1.269	
21	29.71	-1.128	
Std Dev	29.70	-1.000	
15	29.65	-0.212	
15	29.65	-0.212	
24	29.63	0.000	
Median	29.63	0.000	
24	29.58	0.705	
Std Dev	29.56	1.000	
61	29.55	1.128	
21	29.54	1.340	
61	29.50	1.834	

205 Other(describe)			
Lab	%	P2O5	
35	30.25	-1.192	
Std Dev	30.15	-1.000	
69	29.61	0.000	
Median	29.61	0.000	
Std Dev	29.06	1.000	
19	28.80	1.488	

211 Gravimetric AFPC IX.3.B			
Lab	%	P2O5	dB
77	29.72	-1.340	
Std Dev	29.70	-1.000	
Median	29.63	0.000	
Std Dev	29.56	1.000	
241	29.54	1.340	

212 ICP-induced coupled plasma AFPC IX.3.D			
Lab	%	P2O5	dB
266	29.83	0.000	
Median	29.83	0.000	

213 Photometric-AFPC IX.3.C			
Lab	%	P2O5	dB
27	33.71	-61.523	
49	29.79	-1.945	
Std Dev	29.73	-1.000	
16	29.68	-0.287	
26	29.67	-0.118	
Median	29.66	0.000	
9	29.65	0.118	
9	29.62	0.598	
6	29.61	0.761	
Std Dev	29.60	1.000	
10	29.46	3.083	

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
77	29.76	-1.376	
21	29.74	-1.100	
Std Dev	29.73	-1.000	
15	29.67	-0.067	
15	29.67	-0.067	

24	29.66	0.000	
Median	29.66	0.000	
24	29.61	0.707	
Std Dev	29.59	1.000	
61	29.57	1.273	
21	29.57	1.319	
61	29.53	1.893	

215 Other(describe)			
Lab	%	P2O5	dB
35	30.28	-1.340	
Std Dev	30.21	-1.000	
Median	30.02	0.000	
Std Dev	29.83	1.000	
69	29.76	1.340	

301 Atomic Absorption-AFPC IX.6.B			
Lab	%	Fe2O3	
60	0.65	-1.340	
Std Dev	0.60	-1.000	
Median	0.46	0.000	
Std Dev	0.32	1.000	
27	0.28	1.340	

302 ICP-induced coupled plasma-AFPC IX.6.C			
Lab	%	Fe2O3	
77	0.86	-2.217	
77	0.85	-2.015	
266	0.84	-1.814	
78	0.81	-1.209	
Std Dev	0.80	-1.000	
16	0.79	-0.806	
6	0.78	-0.645	
9	0.78	-0.605	
16	0.78	-0.605	
10	0.78	-0.504	
78	0.78	-0.504	
9	0.77	-0.403	
10	0.77	-0.403	
49	0.76	-0.202	
15	0.75	0.000	
15	0.75	0.000	
Median	0.75	0.000	
61	0.74	0.202	

61	0.74	0.302
270	0.74	0.302
75	0.73	0.430
75	0.72	0.665
92	0.71	0.806
24	0.71	0.907
Std Dev	0.70	1.000
92	0.70	1.008
241	0.68	1.451
21	0.65	2.015
21	0.63	2.418
35	0.61	2.882

303 Other(describe)		
Lab	%	Fe2O3
69	0.62	-1.340
Std Dev	0.62	-1.000
Median	0.62	0.000
Std Dev	0.62	1.000
19	0.62	1.340

401 Atomic Absorption-AFPC IX.6.B		
Lab	%	Al2O3
27	0.28	0.000
Median	0.28	0.000

402 ICP-induced coupled plasma-AFPC IX.6.C		
Lab	%	Al2O3
266	0.63	-3.752
77	0.54	-1.822
77	0.54	-1.822
78	0.54	-1.715
61	0.53	-1.501
61	0.51	-1.179
78	0.51	-1.072
Std Dev	0.50	-1.000
241	0.50	-0.965
92	0.48	-0.536
15	0.46	-0.107
24	0.46	-0.107
92	0.46	-0.107
35	0.46	-0.043
270	0.46	0.000
Median	0.46	0.000

9	0.45	0.107
15	0.45	0.107
16	0.45	0.107
16	0.45	0.107
10	0.45	0.214
9	0.44	0.322
49	0.44	0.322
10	0.44	0.429
21	0.43	0.643
75	0.42	0.661
75	0.42	0.740
6	0.42	0.750
21	0.41	0.965

403 Other(describe)		
Lab	%	Al2O3
19	0.65	-1.340
Std Dev	0.62	-1.000
Median	0.55	0.000
Std Dev	0.47	1.000
69	0.44	1.340

501 Atomic Absorption-AFPC IX.8.A		
Lab	%	MgO
27	0.77	-1.862
Std Dev	0.73	-1.000
35	0.70	0.000
Median	0.70	0.000
60	0.67	0.818

502 ICP-induced coupled plasma-AFPC IX.8.B		
Lab	%	MgO
92	0.75	-2.010
92	0.74	-1.675
61	0.73	-1.340
Std Dev	0.72	-1.000
16	0.71	-0.670
10	0.71	-0.503
61	0.71	-0.503
6	0.70	-0.335
16	0.70	-0.335
10	0.70	-0.168
9	0.69	0.000
15	0.69	0.000

15	0.69	0.000
49	0.69	0.000
266	0.69	0.000
Median	0.69	0.000
9	0.69	0.167
78	0.67	0.670
78	0.67	0.837
Std Dev	0.66	1.000
77	0.66	1.005
77	0.66	1.005
270	0.66	1.005
24	0.64	1.675
21	0.60	3.015
75	0.59	3.214
21	0.59	3.350
75	0.58	3.664

503 Other(describe)		
Lab	%	MgO
19	0.68	-1.340
Std Dev	0.64	-1.000
Median	0.54	0.000
Std Dev	0.43	1.000
69	0.40	1.340

601 Insoluble-AFPC IX.4.A		
Lab	%	Al
21	10.68	-3.861
21	10.50	-2.271
Std Dev	10.36	-1.000
16	10.30	-0.454
15	10.29	-0.318
9	10.26	-0.091
15	10.26	-0.091
9	10.25	0.000
16	10.25	0.000
Median	10.25	0.000
10	10.18	0.681
Std Dev	10.14	1.000
10	10.14	1.045
27	10.13	1.090
26	10.00	2.271
35	9.92	2.998
24	7.53	24.756

602 Other(describe)		
Lab	%	Al
266	10.70	-0.167
19	10.60	-0.112

651 Gasometric-AFPC IX.13.B		
Lab	%	CO2
15	2.76	-1.698
15	2.71	-1.559
Std Dev	2.53	-1.000
77	2.44	-0.725
9	2.21	0.000
9	2.21	0.000
Median	2.21	0.000
49	2.20	0.015
Std Dev	1.88	1.000
61	1.69	1.579
61	1.64	1.756

652 Other(describe)		
Lab	%	CO2
21	5.78	-1.921
21	5.78	-1.921
Std Dev	4.35	-1.000
69	3.80	-0.648
35	3.28	-0.313
Median	2.79	0.000
24	2.31	0.313
78	2.22	0.371
78	2.20	0.381
266	1.57	0.786

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

702 ICP-induced coupled plasma-AFPC IX.12.		
Lab	%	CaO
270	50.25	-3.292
Std Dev	48.27	-1.000
92	48.17	-0.889
92	48.14	-0.855
77	48.10	-0.809
10	47.91	-0.589

78	47.88	-0.549
77	47.67	-0.312
9	47.64	-0.271
49	47.56	-0.185
9	47.40	0.000
Median	47.40	0.000
10	47.35	0.058
16	47.27	0.150
6	47.19	0.243
16	46.93	0.543
78	46.54	0.999
Std Dev	46.53	1.000
75	45.23	2.502
75	45.17	2.575
61	42.59	5.556
61	42.20	6.007

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

704 Permanganate		
Lab	%	CaO
21	47.80	-0.668
21	47.74	-0.519
Median	47.53	0.000
27	47.33	0.519
Std Dev	47.13	1.000
60	46.90	1.581

705 EDTA Volumetric-AFPC IX.12.C		
Lab	%	CaO
35	47.46	-1.340
Std Dev	47.41	-1.000
Median	47.26	0.000
Std Dev	47.10	1.000
266	47.05	1.340

706 Other(describe)		
Lab	%	CaO
69	49.52	-2.987
Std Dev	48.48	-1.000
24	48.06	-0.192
24	47.97	-0.010

241	47.96	0.000
Median	47.96	0.000
Std Dev	47.44	1.000
15	47.32	1.230
15	47.31	1.249
19	46.30	3.189

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

712 ICP-induced coupled plasma-AFPC IX.12.D			
Lab	%	CaO	dB
77	48.16	-0.437	
9	47.72	-0.195	
77	47.70	-0.181	
49	47.64	-0.149	
9	47.49	-0.062	
10	47.41	-0.022	
Median	47.38	0.000	
16	47.34	0.022	
6	47.24	0.074	
Std Dev	45.59	1.000	
75	45.27	1.176	
75	45.22	1.204	
61	42.62	2.655	
61	42.24	2.868	

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

714 Permanganate			
Lab	%	CaO	dB
21	47.86	-0.387	
21	47.78	0.000	
Median	47.78	0.000	
Std Dev	47.59	1.000	
27	47.34	2.293	

715 EDTA Volumetric-AFPC IX.12.C			
Lab	%	CaO	dB
35	47.51	-1.340	
Std Dev	47.46	-1.000	

Median	47.33	0.000
Std Dev	47.19	1.000
266	47.14	1.340

716 Other(describe)			
Lab	%	CaO	dB
69	49.78	-4.131	
Std Dev	48.43	-1.000	
24	48.11	-0.256	
24	48.02	-0.029	
Median	48.00	0.000	
241	47.99	0.029	
Std Dev	47.57	1.000	
15	47.35	1.511	
15	47.34	1.534	

801 Volumetric-AFPC IX.14.A			
Lab	%	Fluorine, F	
Median	0.00	0.000	0.000

802 Specific Ion Electrode-AFPC IX.14.B			
Lab	%	Fluorine, F	
35	3.57	-0.990	
24	3.56	-0.898	
24	3.54	-0.807	
21	3.53	-0.716	
9	3.50	-0.533	
49	3.49	-0.503	
9	3.46	-0.320	
27	3.41	-0.015	
Median	3.41	0.000	
75	3.41	0.015	
75	3.37	0.228	
21	3.31	0.594	
26	3.31	0.594	
Std Dev	3.24	1.000	
270	3.20	1.264	
15	2.99	2.543	
15	2.97	2.665	
266	0.98	14.786	

803 Other(describe)			
Lab	%	Fluorine, F	
77	3.61	-1.340	

Std Dev	3.57	-1.000
77	3.50	-0.498
Median	3.44	0.000
69	3.37	0.498
Std Dev	3.30	1.000
19	3.30	1.034

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

912 ICP-induced coupled plasma-AFPC IX.15.		
Lab	ppm	Arsenic, As
78	<1	0.000
78	<1	0.000
6	21.5	-0.597
61	21.3	-0.551
61	20.0	-0.312
270	18.3	0.000
Median	18.3	0.000
266	16.6	0.303
Std Dev	12.8	1.000
77	10.0	1.514
77		1.698

913 Other(describe)		
Lab	ppm	Arsenic, As
27	34.0	-1.282
Std Dev	31.6	-1.000
69	23.0	0.000
Median	23.0	0.000
Std Dev	14.4	1.000
19	11.0	1.398

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

922 ICP-induced coupled plasma-AFPC IX.11.		
Lab	ppm	Cadmium, Cd
78	34	-1.737
78	33	-1.330
Std Dev	32	-1.000
61	32	-0.991

61	32	-0.550
75	31	-0.041
6	31	0.000
Median	31	0.000
75	31	0.299
270	30	0.502
77	30	0.638
77	30	0.638
Std Dev	29	1.000
266	25	4.302

923 Other(describe)		
Lab	ppm	Cadmium, Cd
69	35	-1.914
Std Dev	28	-1.000
19	20	0.000
Median	20	0.000
27	14	0.766

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
78	3	-5.162
78	3	-3.693
Std Dev	2	-1.000
270	1	-0.683
61	1	-0.463
266	1	-0.463
Median	1	0.000
61	1	0.463
77	1	0.712
77	1	0.712
Std Dev	1	1.000
75	0	3.649
75	0	3.649

933 Other(describe)		
Lab	ppm	Cobalt, Co
69	4	0.000
Median	4	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	<5ppb	0.000
Median	0.0	0.000

943 Other(describe)		
Lab	ppm	Mercury, Hg
69	<0.1	0.000
Median	0.0	0.000

951 Atomic Absorption-AFPC IX.16.B		
Lab	ppm	Iolymdenum, Mo
Median	0	0.000

952 ICP-induced coupled plasma-AFPC IX.16.A		
Lab	ppm	Iolymdenum, Mo
61	28	-25.205
270	11	-1.554
Std Dev	10	-1.000
6	10	-0.884
77	10	-0.884
266	9	0.000
Median	9	0.000
78	9	0.389
78	9	0.456
61	9	0.791
Std Dev	9	1.000
77	7	3.136

953 Other(describe)		
Lab	ppm	Iolymdenum, Mo
27	22	-1.340
Std Dev	21	-1.000
Median	18	0.000
Std Dev	14	1.000
69	13	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
266	28	-5.618
270	21	-1.453
61	21	-1.066
Std Dev	21	-1.000
6	21	-0.969
61	20	-0.775
77	19	0.000
78	19	0.000
78	19	0.000
Median	19	0.000
75	18	0.646
75	18	0.969
Std Dev	17	1.000
77	17	1.292

963 Other(describe)		
Lab	ppm	Nickel, Ni
19	50	-1.310
Std Dev	45	-1.000
69	28	0.000
Median	28	0.000
Std Dev	11	1.000
27	5	1.370

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
6	6	-4.381
270	4	-1.374
Std Dev	4	-1.000
266	4	-0.567
61	4	-0.258
61	3	0.000
Median	3	0.000
78	3	0.773
78	3	0.773
Std Dev	3	1.000
77	1	4.209

77 0 5.927

973 Other(describe)			
Lab	ppm	Lead, Pb	
69	9		0.000
Median	9		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	
266	4		-1.097
Std Dev	4		-1.000
270	3		-0.319
61	3		-0.181
Median	2		0.000
61	2		0.181
Std Dev	1		1.000
77	0		1.347
77	0		1.347

983 Other(describe)			
Lab	ppm	Selenium, Se	
27	260		-1.340
Std Dev	228		-1.000
Median	136		0.000
Std Dev	43		1.000
69	11		1.340

991 Atomic Absorption-AFPC IX.16.B			
Lab	ppm	Zinc, Zn	
60	292		0.000
Median	292		0.000

992 ICP-induced coupled plasma-AFPC IX.16.A			
Lab	ppm	Zinc, Zn	
270	374		-2.822
Std Dev	316		-1.000
61	311		-0.836
61	303		-0.599
78	293		-0.284
78	290		-0.189

6	284	0.000
Median	284	0.000
75	275	0.284
75	275	0.284
Std Dev	252	1.000
266	236	1.513
77	222	1.955
77	211	2.302

993 Other(describe)		
Lab	ppm	Zinc, Zn
19	273	-1.340
Std Dev	271	-1.000
Median	266	0.000
Std Dev	260	1.000
69	258	1.340