AFPC Rock Check Program

Sample No. 2021-11

	Method #	# of Anal.	Grand Median	Std Dev
Moisture				
Ground Sample AFPC IX.2.A	101	21	1.82	0.179
Other (describe)	102	9	1.94	0.291
Method Group 100		30	1.82	0.21
P_2O_5				
Gravimetric AFPC IX.3.B	201	7	30.05	0.142
ICP-inducted coupled plasma AFPC IX.3.D	202	3	29.80	0.634
AOAC 962.02-15th	203	3	29.98	0.138
Photometric-AFPC IX.3.C	204	23	29.92	0.188
Automated -AOAC 978.01-15th	205	8	30.02	0.227
Method Group 200		44	29.95	0.18
P_2O_5 (on Dry Basis)				
Gravimetric AFPC IX.3.B	211	4	30.62	0.065
ICP-inducted coupled plasma AFPC IX.3.D	212	3	30.38	0.745
AOAC 962.02-15th	213	3	30.54	0.096
Photometric-AFPC IX.3.C	214	14	30.46	0.147
Automated -AOAC 978.01-15th	215	6	30.60	0.134
Method Group 210		30	30.52	0.18
Fe_2O_3				
Atomic Absorption-AFPC IX.6.B	301	2	0.56	0.007
ICP-inducted coupled plasma-AFPC IX.6.C	302	28	0.60	0.221
Other(describe)	303	5	0.63	0.045
Method Group 300		35	0.60	0.15
Al_2O_3				
Atomic Absorption-AFPC IX.7.B	401	2	0.34	0.006
ICP-inducted coupled plasma-AFPC IX.7.C	402	28	0.34	0.076
Other(describe)	403	5	0.42	0.142
Method Group 400		35	0.34	0.07
MgO				
Atomic Absorption-AFPC IX.8.A	501	3	0.61	0.045
ICP-inducted coupled plasma-AFPC IX.8.B	502	28	0.60	0.023
Other(describe)	503	5	0.59	0.049
Method Group 500		36	0.60	0.02
Acid Insoluble				
Insoluble-AFPC IX.4.A	601	19	1.73	0.231
Other(describe)	602	4	1.67	0.438
Method Group 600		23	1.73	0.35
Carbon Dioxide				
Gasometric-AFPC IX.13.B	651	13	5.84	0.119
Other(describe)	652	14	6.40	0.493
Method Group 650		27	5.97	0.48
CaO				
Gravimetric sulfate-AFPC IX.12.A	701	1	48.40	0.000
ICP-inducted coupled plasma-AFPC IX.12.D	702	16	47.89	0.683
Ceric Sulfate volumetric-AFPC IX.12.B	703			
Permanganate	704	2	47.83	0.104
EDTA Volumetric-AFPC IX.12.C	705			
Other(describe)	706	14	49.19	0.443
Method Group 700		33	48.40	0.79
CaO (on Dry Basis)				
Gravimetric sulfate-AFPC IX.12.A	711			
ICP-inducted coupled plasma-AFPC IX.12.D	712	12	48.62	0.645
Ceric Sulfate volumetric-AFPC IX.12.B	713			
Permanganate	714	2	48.71	0.120
EDTA Volumetric-AFPC IX.12.C	715			
Other(describe)	716	11	50.17	0.491
Method Group 710		24	48.94	0.96

	Method #	# of Anal.	Grand Median	Std Dev
Fluorine, F				
Volumetric-AFPC IX.14.A	801			
Specific Ion Electrode-AFPC IX.14.B	802	24	3.53	0.147
Oher(describe)	803	4	3.39	0.033
Method Group 800		28	3.51	0.14
Arsenic, As				
Atomic Absorption	911	1	13.0	0.00
ICP-inducted coupled plasma-AFPC IX.15.B	912	13	17.1	4.48
Other(describe)	913			
Method Group 900		14	17.0	5.13
Cadmium, Cd				
Atomic Absorption-AFPC IX.11.A	921	4	24	30.6
ICP-inducted coupled plasma-AFPC IX.11.B	922	16	50	3.9
Other(describe)	923	1	5	0.0
Method Group 910		21	50	4.8
Cobalt, Co				
Atomic Absorption-AFPC IX.16.B	931	1	9	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	932	8	2	1.5
Other(describe)	933			
Method Group 920		9	2	1.9
Mercury, Hg				
Atomic Absorption-AFPC IX.16.B	941			
ICP-inducted coupled plasma-AFPC IX.16.A	942	4		0.01
Other(describe)	943			
Method Group 930		4	0.0	0.01
Molybdenum, Mo				
Atomic Absorption-AFPC IX.16.B	951	1	11	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	952	10	9	3.9
Other(describe)	953			
Method Group 940		11	10	3.9
Nickel, Ni				
Atomic Absorption-AFPC IX.16.B	961	2	19	1.5
ICP-inducted coupled plasma-AFPC IX.16.A	962	14	20	3.8
Other(describe)	963	1	18	0.0
Method Group 950		17	19	3.5
Lead, Pb				
Atomic Absorption-AFPC IX.16.B	971	1	14	0.0
ICP-inducted coupled plasma-AFPC IX.16.A	972	12	5	0.9
Other(describe)	973			
Method Group 960		13	5	1.2
Selenium, Se				
Atomic Absorption-AFPC IX.16.B	981			
ICP-inducted coupled plasma-AFPC IX.16.A	982	3	4	0.6
Other(describe)	983			
Method Group 970		3	4	0.6
Zinc, Zn				
Atomic Absorption-AFPC IX.16.B	991	1	362	0
ICP-inducted coupled plasma-AFPC IX.16.A	992	15	390	31
Other(describe)	993	1	408	0
Method Group 980		17	390	32

101	Ground Sample AFPC IX.2.A		
Lab	%	H_2O	
13	2.23		-2.294
21	2.15		-1.818
21	2.10		-1.567
Std Dev	2.00		-1.000
26	1.96		-0.783
10	1.95		-0.727
26	1.94		-0.671
10	1.92		-0.559
55	1.85		-0.168
9	1.83		-0.028
9	1.82		0.000
13	1.82		0.000
Median	1.82		0.000
15	1.80		0.112
15	1.80		0.112
30	1.78		0.252
77	1.75		0.420
16	1.70		0.669
16	1.67		0.822
22	1.67		0.839
Std Dev	1.64		1.000
77	1.58		1.371
49	1.44		2.154
270	1.05		4.308

102	Other (describe)		
Lab	%	H_2O	
85	2.00		-0.206
86	2.00		-0.206
86	2.00		-0.189
85	1.99		-0.172
84	1.94		0.000
Median	1.94		0.000
84	1.92		0.086
Std Dev	1.65		1.000
35	1.61		1.151
275	1.48		1.577
35	1.47		1.615

201	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	
56	30.17		-0.882
22	30.16		-0.811
55	30.08		-0.247
84	30.05		0.000
Median	30.05		0.000
84	30.01		0.247
Std Dev	29.90		1.000
77	29.85		1.375
82	29.83		1.552

202	ICP-inducted coupled plasma AFPC IX.3.D		
Lab	%	P2O5	
10	29.93		-0.213
10	29.80		0.000
Median	29.80		0.000
Std Dev	29.16		1.000
270	28.23		2.467

203	AOAC 962.02-15th		
Lab	%	P2O5	
49	30.31		-2.390
Std Dev	30.12		-1.000
9	29.98		0.000
Median	29.98		0.000
9	29.94		0.290

204	Photometric-AFPC IX.3.C		
Lab	%	P2O5	
35	30.20		-1.512
21	30.14		-1.168
10	30.12		-1.088
Std Dev	30.10		-1.000
35	30.10		-0.955
13	30.08		-0.876
51	30.08		-0.849
30	30.05		-0.716
51	30.04		-0.663
87	30.02		-0.557
21	29.97		-0.265
16	29.94		-0.135
87	29.92		0.000
Median	29.92		0.000
13	29.89		0.133
16	29.88		0.180
26	29.87		0.239
10	29.84		0.398
26	29.84		0.398
82	29.78		0.716
275	29.78		0.716
15	29.76		0.823
15	29.76		0.823
92	29.76		0.823
92	29.76		0.849

205	Automated -AOAC 978.01-15th		
Lab	%	P2O5	
19	31.07		-4.654
22	30.59		-2.537
Std Dev	30.24		-1.000
86	30.09		-0.309
86	30.06		-0.199
Median	30.02		0.000
56	29.97		0.199
85	29.91		0.463
85	29.90		0.507
Std Dev	29.79		1.000
77	29.77		1.103

211	Gravimetric AFPC IX.3.B		
Lab	%	P2O5	dB
55	30.65		-0.448
84	30.63		-0.213
Median	30.62		0.000
84	30.60		0.213
Std Dev	30.55		1.000
77	30.38		3.632

212	ICP-inducted coupled plasma AFPC IX.3.D		
Lab	%	P2O5	dB
10	30.53		-0.197
10	30.38		0.000
Median	30.38		0.000
Std Dev	29.63		1.000
270	28.53		2.483

213	AOAC 962.02-15th		
Lab	%	P2O5	dB
49	30.75		-2.238
Std Dev	30.63		-1.000
9	30.54		0.000
Median	30.54		0.000
9	30.50		0.442

214	Photometric-AFPC IX.3.C		
Lab	%	P2O5	dB
21	30.80		-2.319
13	30.77		-2.118
35	30.65		-1.331
21	30.61		-1.039
Std Dev	30.60		-1.000
30	30.59		-0.938
35	30.59		-0.890
26	30.46		-0.038
Median	30.46		0.000
16	30.45		0.038
13	30.44		0.077
26	30.44		0.129
16	30.40		0.392
Std Dev	30.31		1.000
15	30.31		1.022
15	30.31		1.022
275	30.23		1.553

215	Automated -AOAC 978.01-15th		
Lab	%	P2O5	dB
22	31.11		-3.839
Std Dev	30.73		-1.000
86	30.70		-0.762
86	30.67		-0.583
Median	30.60		0.000
85	30.52		0.583
85	30.51		0.636
Std Dev	30.46		1.000
77	30.24		2.644

301	Atomic Absorption-AFPC IX.6.B		
Lab	%	Fe_2O_3	
30	0.57		-1.340
Std Dev	0.57		-1.000
Median	0.56		0.000
Std Dev	0.55		1.000
55	0.55		1.340

302 ICP-inducted coupled plasma-AFPC IX.6.C		
Lab	% Fe2O3	
35	0.72	-0.531
35	0.72	-0.509
22	0.65	-0.215
85	0.65	-0.215
82	0.64	-0.147
15	0.63	-0.124
15	0.63	-0.124
51	0.63	-0.102
84	0.62	-0.057
85	0.62	-0.057
86	0.62	-0.057
86	0.62	-0.057
16	0.61	-0.013
51	0.61	-0.011
Median	0.60	0.000
84	0.60	0.011
270	0.60	0.011
16	0.60	0.014
92	0.57	0.170
92	0.55	0.237
Std Dev	0.38	1.000
9	0.35	1.142
9	0.33	1.233
21	0.33	1.233
10	0.33	1.255
10	0.32	1.278
49	0.32	1.278
13	0.31	1.323
13	0.31	1.323
21	0.31	1.346

303 Other(describe)		
Lab	% Fe2O3	
77	0.68	-1.117
Std Dev	0.67	-1.000
22	0.63	0.000
56	0.63	0.000
Median	0.63	0.000
Std Dev	0.59	1.000
77	0.57	1.340
19	0.52	2.457

401 Atomic Absorption-AFPC IX.6.B		
Lab	% Al2O3	
30	0.35	-1.340
Std Dev	0.34	-1.000
Median	0.34	0.000
Std Dev	0.33	1.000
55	0.33	1.340

402 ICP-inducted coupled plasma-AFPC IX.6.C		
Lab	% Al2O3	
82	0.43	-1.125
35	0.42	-1.059
84	0.42	-1.059
Std Dev	0.42	-1.000
85	0.42	-0.993
35	0.41	-0.926
84	0.41	-0.860
86	0.41	-0.860
86	0.41	-0.860
85	0.40	-0.794
270	0.38	-0.529
16	0.36	-0.281
16	0.35	-0.157
9	0.34	0.000
92	0.34	0.000
92	0.34	0.000
Median	0.34	0.000
9	0.33	0.132
49	0.33	0.199
22	0.32	0.265
51	0.32	0.331
13	0.31	0.397
10	0.31	0.463
15	0.30	0.529
15	0.30	0.529
51	0.30	0.596
10	0.29	0.662
21	0.29	0.662
13	0.28	0.794
21	0.28	0.860

403 Other(describe)		
Lab	% Al2O3	
77	0.52	-0.705
77	0.52	-0.670
56	0.42	0.000
Median	0.42	0.000
22	0.33	0.670
19	0.29	0.917

501 Atomic Absorption-AFPC IX.8.A		
Lab	% MgO	
30	0.61	0.000
55	0.61	0.000
Median	0.61	0.000
Std Dev	0.57	1.000
87	0.49	2.680

502 ICP-inducted coupled plasma-AFPC IX.8.B		
Lab	% MgO	
13	0.65	-2.144
84	0.64	-1.930
84	0.64	-1.715
85	0.63	-1.501
85	0.62	-1.072
Std Dev	0.62	-1.000
15	0.61	-0.643
15	0.61	-0.643
21	0.61	-0.643
21	0.61	-0.429
49	0.61	-0.429
86	0.60	-0.214
92	0.60	-0.214
92	0.60	-0.214
10	0.60	0.000
86	0.60	0.000
Median	0.60	0.000
9	0.59	0.214
35	0.59	0.214
270	0.59	0.214
10	0.59	0.429
13	0.59	0.429
82	0.58	0.643
51	0.58	0.858
16	0.57	0.950
Std Dev	0.57	1.000
9	0.57	1.072
51	0.57	1.286
22	0.56	1.501
16	0.55	1.745
35	0.55	1.930

503 Other(describe)		
Lab	% MgO	
77	0.65	-1.340
77	0.65	-1.237
Std Dev	0.63	-1.000
22	0.59	0.000
Median	0.59	0.000
56	0.58	0.103
Std Dev	0.54	1.000
19	0.50	1.752

601 Insoluble-AFPC IX.4.A		
Lab	% Al	
49	1.99	-1.145
Std Dev	1.96	-1.000
10	1.92	-0.821
10	1.89	-0.692
9	1.85	-0.540
21	1.82	-0.411
9	1.81	-0.367
55	1.76	-0.151
16	1.74	-0.065
16	1.74	-0.043
13	1.73	0.000
30	1.73	0.000
Median	1.73	0.000
15	1.70	0.108
15	1.70	0.108
13	1.65	0.324
Std Dev	1.49	1.000
26	1.36	1.578
26	1.36	1.578
51	1.35	1.643
51	1.28	1.945
22	1.25	2.053

602 Other(describe)		
Lab	% Al	
19	1.97	-0.680
21	1.96	-0.657

Median	1.67	0.000
35	1.39	0.657
35	1.35	0.737

651	Gasometric-AFPC IX.13.B	
Lab	%	CO2
21	6.22	-3.183
21	6.22	-3.183
13	5.97	-1.047
Std Dev	5.96	-1.000
15	5.85	-0.084
15	5.85	-0.084
16	5.84	-0.004
16	5.84	0.000
Median	5.84	0.000
77	5.76	0.712
Std Dev	5.72	1.000
30	5.69	1.256
77	5.69	1.256
13	5.45	3.266
87	5.39	3.811
49	5.32	4.355

652	Other(describe)	
Lab	%	CO2
35	11.32	-9.979
35	11.27	-9.877
51	7.26	-1.746
51	7.17	-1.563
Std Dev	6.89	-1.000
85	6.48	-0.152
85	6.46	-0.122
86	6.41	-0.020
Median	6.40	0.000
86	6.39	0.020
82	6.39	0.030
84	6.36	0.091
84	6.33	0.142
Std Dev	5.91	1.000
55	5.80	1.218
56	5.77	1.279
22	5.28	2.274

701	Gravimetric sulfate-AFPC IX.12.A	
Lab	%	CaO
22	48.40	0.000
Median	48.40	0.000

702	ICP-inducted coupled plasma-AFPC IX.12.D	
Lab	%	CaO
92	48.56	-0.989
92	48.55	-0.967
49	48.51	-0.915
51	48.48	-0.864
51	48.31	-0.622
9	48.20	-0.454
9	48.14	-0.373
13	47.89	-0.007
Median	47.89	0.000
21	47.88	0.007
10	47.78	0.161
21	47.48	0.593
13	47.45	0.644
10	47.41	0.696
Std Dev	47.20	1.000
270	47.05	1.223
16	46.75	1.662
16	46.59	1.897

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

704	Permanganate	
Lab	%	CaO
55	47.97	-1.340
Std Dev	47.93	-1.000
Median	47.83	0.000
Std Dev	47.73	1.000
30	47.69	1.340

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

706	Other(describe)	
Lab	%	CaO
19	50.08	-2.014
Std Dev	49.63	-1.000
85	49.63	-0.999
86	49.35	-0.367
86	49.35	-0.367
84	49.21	-0.051
84	49.21	-0.051
85	49.21	-0.051
Median	49.19	0.000
22	49.17	0.051
77	48.90	0.649
82	48.79	0.908
Std Dev	48.74	1.000
77	48.70	1.100
56	48.58	1.371
15	47.84	3.052
15	47.84	3.052

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
49	49.22		-0.920
9	49.09		-0.726
9	49.03		-0.635
13	48.98		-0.557
21	48.91		-0.441
10	48.73		-0.158
Median	48.62		0.000
21	48.52		0.158
10	48.34		0.442
13	48.32		0.463
Std Dev	47.98		1.000
270	47.55		1.665
16	47.55		1.671
16	47.40		1.903

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

714	Permanganate		
Lab	%	CaO	dB
55	48.87		-1.340
Std Dev	48.83		-1.000
Median	48.71		0.000
Std Dev	48.59		1.000
30	48.55		1.340

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

716	Other(describe)		
Lab	%	CaO	dB
85	50.64		-0.961
86	50.36		-0.380
86	50.35		-0.374
85	50.21		-0.078
84	50.18		-0.026
84	50.17		0.000
Median	50.17		0.000
22	50.00		0.348
77	49.77		0.819
Std Dev	49.68		1.000
77	49.48		1.408
15	48.71		2.971
15	48.71		2.971

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
9	3.69	-1.086
Std Dev	3.68	-1.000
15	3.67	-0.950
15	3.67	-0.950
9	3.66	-0.882
35	3.61	-0.543
49	3.60	-0.475
270	3.60	-0.475
21	3.58	-0.305
30	3.58	-0.305

21	3.57	-0.271
13	3.55	-0.102
51	3.54	-0.034
Median	3.53	0.000
13	3.53	0.034
55	3.50	0.204
51	3.49	0.271
22	3.49	0.305
84	3.41	0.814
82	3.41	0.848
35	3.40	0.916
84	3.39	0.950
Std Dev	3.38	1.000
16	3.30	1.561
26	3.28	1.696
16	3.27	1.764
26	3.26	1.832

803 Oher(describe)

Lab	%	Fluorine, F
22	3.54	-4.441
Std Dev	3.42	-1.000
19	3.39	0.000
77	3.39	0.000
Median	3.39	0.000
77	3.36	0.919

911 Atomic Absorption-AFPC

Lab	ppm	Arsenic, As
55	13.0	0.000
Median	13.0	0.000

912 ICP-inducted coupled plasma-AFPC IX.15.B

Lab	ppm	Arsenic, As
85	23.0	-1.329
84	22.0	-1.106
Std Dev	21.5	-1.000
84	21.5	-0.994
85	21.5	-0.994
82	21.2	-0.916
16	17.4	-0.067
16	17.1	0.000
Median	17.1	0.000
270	17.0	0.011
35	16.0	0.234
35	15.5	0.346
22	14.2	0.632
Std Dev	12.6	1.000
51	12.0	1.128
51	11.0	1.351

913 Other(describe)

Lab	ppm	Arsenic, As
Median	0.0	0.000

921 Atomic Absorption-AFPC IX.11.A

Lab	ppm	Cadmium, Cd
55	46	-0.706
86	45	-0.665
Median	24	0.000
87	4	0.665
87	4	0.665

922 ICP-inducted coupled plasma-AFPC IX.11.B

Lab	ppm	Cadmium, Cd
270	419	-94.324
Std Dev	54	-1.000
77	53	-0.556
82	52	-0.480
77	52	-0.301
85	51	-0.211
85	51	-0.173
86	51	-0.147
16	50	-0.032
Median	50	0.000
16	50	0.032
84	50	0.058
84	50	0.211
Std Dev	46	1.000
35	46	1.107
35	46	1.107
22	45	1.472
51	44	1.746
51	43	2.002

923 Other(describe)

Lab	ppm	Cadmium, Cd
19	5	0.000
Median	5	0.000

931 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Cobalt, Co
55	9	0.000
Median	9	0.000

932 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Cobalt, Co
77	<1	0.000
77	<1	0.000
84	4	-1.635
84	4	-1.472
Std Dev	3	-1.000
270	3	-0.819
16	2	-0.196
Median	2	0.000
22	1	0.196
16	1	0.206
35	1	0.813
35		0.878

933 Other(describe)

Lab	ppm	Cobalt, Co
Median	0	0.000

941 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Mercury, Hg
Median	0.0	0.000

942 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Mercury, Hg
35	<1	0.000
35	<1	0.000
270	0.1	-5.360
Std Dev	0.0	-1.000
16	0.0	0.000
16	0.0	0.000
22	0.0	0.000
Median		0.000

943 Other(describe)

Lab	ppm	Mercury, Hg
Median	0.0	0.000

951 Atomic Absorption-AFPC IX.16.B

Lab	ppm	lolybdenum, Mo
55	11	0.000
Median	11	0.000

952 ICP-inducted coupled plasma-AFPC IX.16.

Lab	ppm	lolybdenum, Mo
16	12	-0.734
85	11	-0.454
85	11	-0.365
270	10	-0.327
16	10	-0.297
Median	9	0.000
22	8	0.297
77	6	0.794
Std Dev	5	1.000
77	5	1.048
84	0	2.283
84	0	2.294

953 Other(describe)

Lab	ppm	lolybdenum, Mo
Median	0	0.000

961 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Nickel, Ni
55	21	-1.340
Std Dev	20	-1.000
Median	19	0.000
Std Dev	17	1.000
77	17	1.340

962 ICP-inducted coupled plasma-AFPC IX.16.

Lab	ppm	Nickel, Ni
85	23	-0.953
84	23	-0.860
84	23	-0.860
86	23	-0.860
86	23	-0.728
85	22	-0.688
35	21	-0.199
Median	20	0.000
35	19	0.199

16	19	0.265
270	18	0.463
16	18	0.529
82	18	0.543
Std Dev	16	1.000
22	15	1.211
77	14	1.522

963 Other(describe)

Lab	ppm	Nickel, Ni
19	18	0.000
Median	18	0.000

971 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Lead, Pb
55	14	0.000
Median	14	0.000

972 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Lead, Pb
22	39	-39.214
77	9	-4.409
16	6	-1.067
Std Dev	6	-1.000
51	5	-0.348
84	5	-0.348
84	5	-0.348
Median	5	0.000
270	4	0.348
35	4	0.812
51	4	0.812
77	4	0.812
Std Dev	4	1.000
35	3	1.682
16	3	2.262

973 Other(describe)

Lab	ppm	Lead, Pb
Median	0	0.000

981 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Selenium, Se
Median	0	0.000

982 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Selenium, Se
16	5	-1.382
Std Dev	5	-1.000
22	4	0.000
Median	4	0.000
Std Dev	4	1.000
16	3	1.298

983 Other(describe)

Lab	ppm	Selenium, Se
Median	0	0.000

991 Atomic Absorption-AFPC IX.16.B

Lab	ppm	Zinc, Zn
55	362	0.000
Median	362	0.000

992 ICP-inducted coupled plasma-AFPC IX.16.A

Lab	ppm	Zinc, Zn
16	496	-3.366
Std Dev	421	-1.000
16	419	-0.925
85	408	-0.574
77	406	-0.495
85	402	-0.383
86	401	-0.335
86	400	-0.319
84	390	0.000
Median	390	0.000
84	390	0.016
77	386	0.128
22	363	0.861
82	361	0.941
Std Dev	359	1.000
270	349	1.308
35	346	1.404
35	333	1.835

993 Other(describe)

Lab	ppm	Zinc, Zn
19	408	0.000
Median	408	0.000