

# AFPC Rock Check Program

Sample No. 2007-04

	Method #	# of Anal.	Grand Median	Std Dev
<b>Moisture</b>				
Ground Sample AFPC 9-2	101	23	1.15	0.106
Other (describe)	102	3	1.22	0.065
Method Group 100		26	1.17	0.12
<b>BPL or P<sub>2</sub>O<sub>5</sub></b>				
Gravimetric AFPC 9-5	201	2	32.83	0.011
ICP-induced coupled plasma	202	1	32.55	0.000
Photometric-AFPC 9-6	203	15	32.55	0.125
Automated -AOAC 978.01-15th	204	10	32.91	0.257
Other(describe)	205	4	32.25	0.323
Method Group 200		32	32.60	0.25
<b>BPL or P<sub>2</sub>O<sub>5</sub> (on Dry Basis)</b>				
Gravimetric AFPC 9-5	211	2	33.10	0.039
ICP-induced coupled plasma	212			
Photometric-AFPC 9-6	213	13	32.93	0.176
Automated -AOAC 978.01-15th	214	10	33.30	0.286
Other(describe)	215	1	32.30	0.000
Method Group 210		26	33.00	0.19
<b>Fe<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC 9-12,13	301	5	1.15	0.052
ICP-induced coupled plasma	302	22	1.22	0.057
Other(describe)	303	3	1.19	0.054
Method Group 300		30	1.21	0.07
<b>Al<sub>2</sub>O<sub>3</sub></b>				
Atomic Absorption-AFPC 9-16,17	401	4	1.19	0.024
ICP-induced coupled plasma	402	23	1.18	0.116
Other(describe)	403	1	1.40	0.000
Method Group 400		28	1.19	0.11
<b>MgO</b>				
Atomic Absorption-AFPC 9-18,19	501	5	0.43	0.022
ICP-induced coupled plasma	502	23	0.44	0.021
Other(describe)	503	2	0.44	0.030
Method Group 500		30	0.44	0.02
<b>Acid Insoluble</b>				
Insoluble-AFPC 9-8	601	23	3.22	0.144
Other(describe)	602	1	4.37	0.000
Method Group 600		24	3.23	0.16
<b>CaO</b>				
Gravimetric sulfate	701			
ICP-induced coupled plasma	702	11	47.74	0.291
Ceric Sulfate volumetric	703			
Permanganate	704	1	47.15	0.000
EDTA Volumetric	705	3	47.64	0.381
Other(describe)	706	13	48.07	0.907
Method Group 700		28	47.74	0.52
<b>CaO (on Dry Basis)</b>				
Gravimetric sulfate	711			
ICP-induced coupled plasma	712	7	48.45	0.624
Ceric Sulfate volumetric	713			
Permanganate	714			
EDTA Volumetric	715	3	48.21	0.354
Other(describe)	716	12	48.50	0.822
Method Group 710		23	48.37	0.50

	Method #	# of Anal.	Grand Median	Std Dev
<b>Fluorine, F</b>				
Volumetric-AFPC 9-37	801			
Specific Ion Electrode	802	17	3.76	0.190
Other (describe)	803	2	3.87	0.007
Method Group 800		19	3.82	0.17
<b>Arsenic, As</b>				
Atomic Absorption	911			
ICP-induced coupled plasma	912	8	12.8	3.54
Other(describe)	913	3	7.0	0.37
Method Group 900		11	11.0	4.85
<b>Cadmium, Cd</b>				
Atomic Absorption	921	1	3	0.0
ICP-induced coupled plasma	922	11	4	1.0
Other(describe)	923	5	6	0.0
Method Group 910		17	5	1.5
<b>Cobalt, Co</b>				
Atomic Absorption	931			
ICP-induced coupled plasma	932	6	6	0.7
Other(describe)	933	2	5	0.0
Method Group 920		8	5	0.7
<b>Mercury, Hg</b>				
Atomic Absorption	941			
ICP-induced coupled plasma	942	1	0.1	0.00
Other(describe)	943			
Method Group 930		1	0.1	0.00
<b>Molybdenum, Mo</b>				
Atomic Absorption	951	1	15	0.0
ICP-induced coupled plasma	952	6	19	1.2
Other(describe)	953	2	39	0.2
Method Group 940		9	19	1.8
<b>Nickel, Ni</b>				
Atomic Absorption	961	1	8	0.0
ICP-induced coupled plasma	962	8	11	1.0
Other(describe)	963	3	10	2.8
Method Group 950		12	10	1.0
<b>Lead, Pb</b>				
Atomic Absorption	971	1	19	0.0
ICP-induced coupled plasma	972	8	17	4.9
Other(describe)	973	2	17	0.1
Method Group 960		11	17	4.2
<b>Selenium, Se</b>				
Atomic Absorption	981			
ICP-induced coupled plasma	982	1	3	0.0
Other(describe)	983			
Method Group 970		1	3	0.0
<b>Zinc, Zn</b>				
Atomic Absorption	991	2	45	5
ICP-induced coupled plasma	992	8	48	10
Other(describe)	993	3	36	2
Method Group 980		13	46	7

101 Ground Sample AFPC 9-2			
Lab	%	H <sub>2</sub> O	
61	1.37		-2.069
61	1.36		-1.975
13	1.29		-1.316
<b>Std Dev</b>	<b>1.26</b>		<b>-1.000</b>
13	1.25		-0.893
24	1.23		-0.705
9	1.21		-0.564
6	1.19		-0.376
15	1.19		-0.376
15	1.19		-0.376
9	1.18		-0.282
33	1.18		-0.282
5	1.15		0.000
15	1.15		0.000
15	1.15		0.000
<b>Median</b>	<b>1.15</b>		<b>0.000</b>
5	1.14		0.094
78	1.09		0.564
78	1.09		0.611
<b>Std Dev</b>	<b>1.04</b>		<b>1.000</b>
6	1.03		1.128
24	0.99		1.505
270	0.95		1.881
77	0.66		4.608
77	0.64		4.796
26	0.47		6.394

102 Other (describe)			
Lab	%	H <sub>2</sub> O	
69	1.22		0.000
69	1.22		0.000
<b>Median</b>	<b>1.22</b>		<b>0.000</b>
<b>Std Dev</b>	<b>1.15</b>		<b>1.000</b>
51	1.04		2.680

201 Gravimetric AFPC 9-5			
Lab	%	P2O5	
77	32.84		-1.340
<b>Std Dev</b>	<b>32.84</b>		<b>-1.000</b>
<b>Median</b>	<b>32.83</b>		<b>0.000</b>
<b>Std Dev</b>	<b>32.81</b>		<b>1.000</b>
51	32.81		1.340

202 ICP-induced coupled plasma			
Lab	%	P2O5	
10	32.55		0.000
<b>Median</b>	<b>32.55</b>		<b>0.000</b>

203 Photometric-AFPC 9-6			
Lab	%	P2O5	
19	32.83		-2.240
69	32.74		-1.480
69	32.72		-1.360
<b>Std Dev</b>	<b>32.68</b>		<b>-1.000</b>
61	32.63		-0.600
5	32.61		-0.480
61	32.57		-0.120
9	32.56		-0.080
5	32.55		0.000
<b>Median</b>	<b>32.55</b>		<b>0.000</b>
9	32.52		0.240
6	32.49		0.480
270	32.47		0.640
6	32.43		0.960
<b>Std Dev</b>	<b>32.43</b>		<b>1.000</b>
60	32.05		4.000
78	31.68		7.000
78	31.62		7.440

211 Gravimetric AFPC 9-5			
Lab	%	P2O5	dB
51	33.15		-1.340
<b>Std Dev</b>	<b>33.14</b>		<b>-1.000</b>
<b>Median</b>	<b>33.10</b>		<b>0.000</b>
<b>Std Dev</b>	<b>33.06</b>		<b>1.000</b>
77	33.05		1.340

212 ICP-induced coupled plasma			
Lab	%	P2O5	dB
<b>Median</b>	<b>0.00</b>		<b>0.000</b>

213 Photometric-AFPC 9-6			
Lab	%	P2O5	dB
69	33.14		-1.187
69	33.12		-1.101
<b>Std Dev</b>	<b>33.10</b>		<b>-1.000</b>
61	33.07		-0.830
61	33.02		-0.504
5	32.99		-0.326
9	32.96		-0.171
5	32.93		0.000
<b>Median</b>	<b>32.93</b>		<b>0.000</b>
9	32.91		0.116
6	32.88		0.269
270	32.78		0.836
6	32.77		0.915
<b>Std Dev</b>	<b>32.75</b>		<b>1.000</b>
78	32.02		5.147
78	31.97		5.454

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
13	33.03		-0.486
15	33.00		-0.369
15	33.00		-0.369
15	32.95		-0.175
15	32.95		-0.175
<b>Median</b>	<b>32.91</b>		<b>0.000</b>
33	32.86		0.175
77	32.68		0.874
<b>Std Dev</b>	<b>32.65</b>		<b>1.000</b>
24	32.63		1.068
13	32.59		1.243
24	32.58		1.262

205 Other (describe)			
Lab	%	P2O5	

51	32.63		-1.177
<b>Std Dev</b>	<b>32.57</b>		<b>-1.000</b>
19	32.35		-0.310
<b>Median</b>	<b>32.25</b>		<b>0.000</b>
26	32.15		0.310
<b>Std Dev</b>	<b>31.93</b>		<b>1.000</b>
57	31.50		2.324

211 Gravimetric AFPC 9-5			
Lab	%	P2O5	dB
51	33.15		-1.340
<b>Std Dev</b>	<b>33.14</b>		<b>-1.000</b>
<b>Median</b>	<b>33.10</b>		<b>0.000</b>
<b>Std Dev</b>	<b>33.06</b>		<b>1.000</b>
77	33.05		1.340

212 ICP-induced coupled plasma			
Lab	%	P2O5	dB
<b>Median</b>	<b>0.00</b>		<b>0.000</b>

213 Photometric-AFPC 9-6			
Lab	%	P2O5	dB
69	33.14		-1.187
69	33.12		-1.101
<b>Std Dev</b>	<b>33.10</b>		<b>-1.000</b>
61	33.07		-0.830
61	33.02		-0.504
5	32.99		-0.326
9	32.96		-0.171
5	32.93		0.000
<b>Median</b>	<b>32.93</b>		<b>0.000</b>
9	32.91		0.116
6	32.88		0.269
270	32.78		0.836
6	32.77		0.915
<b>Std Dev</b>	<b>32.75</b>		<b>1.000</b>
78	32.02		5.147
78	31.97		5.454

204 Automated -AOAC 978.01-15th			
Lab	%	P2O5	
13	33.03		-0.486
15	33.00		-0.369
15	33.00		-0.369
15	32.95		-0.175
15	32.95		-0.175
<b>Median</b>	<b>32.91</b>		<b>0.000</b>
33	32.86		0.175
77	32.68		0.874
<b>Std Dev</b>	<b>32.65</b>		<b>1.000</b>
24	32.63		1.068
13	32.59		1.243
24	32.58		1.262

205 Other (describe)			
Lab	%	P2O5	

214 Automated -AOAC 978.01-15th			
Lab	%	P2O5	dB
13	33.45		-0.512
15	33.38		-0.294
15	33.38		-0.294

15	33.35		-0.165
15	33.35		-0.165
<b>Median</b>	<b>33.30</b>		<b>0.000</b>
33	33.25		0.165
<b>Std Dev</b>	<b>33.01</b>		<b>1.000</b>
13	33.01		1.008
24	32.98		1.101
24	32.96		1.198
77	32.90		1.405

215 Other (describe)			
Lab	%	P2O5	dB
26	32.30		0.000
<b>Median</b>	<b>32.30</b>		<b>0.000</b>

301 Atomic Absorption-AFPC 9-12,13			
Lab	%	Fe2O3	
5	1.20		-0.957
5	1.20		-0.957
19	1.15		0.000
<b>Median</b>	<b>1.15</b>		<b>0.000</b>
51	1.13		0.383
60	1.13		0.479

302 ICP-induced coupled plasma			
Lab	%	Fe2O3	
15	1.39		-2.856
15	1.39		-2.856
15	1.39		-2.856
15	1.39		-2.856
77	1.31		-1.538
77	1.28		-1.010
<b>Std Dev</b>	<b>1.28</b>		<b>-1.000</b>
78	1.27		-0.747
51	1.26		-0.659
78	1.24		-0.308
61	1.23		-0.044
61	1.23		-0.044
<b>Median</b>	<b>1.22</b>		<b>0.000</b>
6	1.22		0.044
6	1.22		0.044
10	1.22		0.044
13	1.22		0.044
9	1.20		0.395

302 ICP-induced coupled plasma			
Lab	%	Fe2O3	
15	1.39		-2.856
15	1.39		-2.856
15	1.39		-2.856
77	1.31		-1.538
77	1.28		-1.010
<b>Std Dev</b>	<b>1.28</b>		<b>-1.000</b>
78	1.27		-0.747
51	1.26		-0.659
78	1.24		-0.308
61	1.23		-0.044
61	1.23		-0.044
<b>Median</b>	<b>1.22</b>		<b>0.000</b>
6	1.22		0.044
6	1.22		0.044
10	1.22		0.044
13	1.22		0.044
9	1.20		0.395

302 ICP-induced coupled plasma			
Lab	%	Fe2O3	
15	1.39		-2.856
15	1.39		-2.856
15	1.39		-2.856
77	1.31		-1.538
77	1.28		-1.010
<b>Std Dev</b>	<b>1.28</b>		<b>-1.000</b>
78	1.27		-0.747
51	1.26		-0.659
78	1.24		-0.308
61	1.23		-0.044
61	1.23		-0.044
<b>Median</b>	<b>1.22</b>		<b>0.000</b>
6	1.22		0.044
6	1.22		0.044
10	1.22		0.044
13	1.22		0.044
9	1.20		0.395

15	33.35		-0.165
15	33.35		-0.165
<b>Median</b>	<b>33.30</b>		<b>0.000</b>
33	33.25		0.165
<b>Std Dev</b>	<b>33.01</b>		<b>1.000</b>
13	33.01		1.008
24	32.98		1.101
24	32.96		1.198
77	32.90		1.405

9	1.20	0.395
13	1.20	0.395
<b>Std Dev</b>	<b>1.17</b>	<b>1.000</b>
24	1.16	1.186
24	1.15	1.274
33	1.15	1.274
270	0.89	5.843

303 Other(describe)		
Lab	%	Fe2O3
69	1.21	-0.286
69	1.19	0.000
<b>Median</b>	<b>1.19</b>	<b>0.000</b>
<b>Std Dev</b>	<b>1.14</b>	<b>1.000</b>
19	1.06	2.394

401 Atomic Absorption-AFPC 9-16,17		
Lab	%	Al2O3
51	1.23	-1.649
<b>Std Dev</b>	<b>1.21</b>	<b>-1.000</b>
19	1.20	-0.412
<b>Median</b>	<b>1.19</b>	<b>0.000</b>
5	1.18	0.412
<b>Std Dev</b>	<b>1.17</b>	<b>1.000</b>
5	1.16	1.237

402 ICP-induced coupled plasma		
Lab	%	Al2O3
77	1.57	-3.372
78	1.57	-3.372
78	1.51	-2.810
33	1.49	-2.680
77	1.47	-2.507
24	1.34	-1.340
69	1.33	-1.254
69	1.31	-1.081
<b>Std Dev</b>	<b>1.30</b>	<b>-1.000</b>
24	1.28	-0.865
270	1.20	-0.173
61	1.19	-0.086
6	1.18	0.000
6	1.18	0.000
9	1.18	0.000
10	1.18	0.000

13	1.18	0.000
<b>Median</b>	<b>1.18</b>	<b>0.000</b>
13	1.18	0.043
61	1.18	0.043
9	1.17	0.086
<b>Std Dev</b>	<b>1.06</b>	<b>1.000</b>
15	0.98	1.772
15	0.98	1.772
15	0.97	1.859
15	0.97	1.859

403 Other(describe)		
Lab	%	Al2O3
19	1.40	0.000
<b>Median</b>	<b>1.40</b>	<b>0.000</b>

501 Atomic Absorption-AFPC 9-18,19		
Lab	%	MgO
51	0.45	-0.893
5	0.43	0.000
5	0.43	0.000
<b>Median</b>	<b>0.43</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.41</b>	<b>1.000</b>
60	0.40	1.340
57	0.39	1.787

502 ICP-induced coupled plasma		
Lab	%	MgO
15	0.49	-2.193
15	0.49	-2.193
15	0.49	-2.193
15	0.49	-2.193
69	0.47	-1.462
69	0.47	-1.218
<b>Std Dev</b>	<b>0.46</b>	<b>-1.000</b>
78	0.45	-0.487
6	0.44	0.000
6	0.44	0.000
9	0.44	0.000
9	0.44	0.000
61	0.44	0.000
61	0.44	0.000
<b>Median</b>	<b>0.44</b>	<b>0.000</b>
13	0.44	0.244

78	0.44	0.244
10	0.43	0.487
13	0.43	0.487
77	0.43	0.487
24	0.43	0.731
51	0.42	0.975
77	0.42	0.975
<b>Std Dev</b>	<b>0.42</b>	<b>1.000</b>
24	0.42	1.218
33	0.41	1.462

503 Other(describe)		
Lab	%	MgO
19	0.48	-1.340
<b>Std Dev</b>	<b>0.47</b>	<b>-1.000</b>
<b>Median</b>	<b>0.44</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.41</b>	<b>1.000</b>
19	0.40	1.340

601 Insoluble-AFPC 9-8		
Lab	%	Al
9	4.32	-7.657
9	4.12	-6.265
19	3.60	-2.645
69	3.41	-1.323
69	3.40	-1.253
<b>Std Dev</b>	<b>3.36</b>	<b>-1.000</b>
13	3.33	-0.766
6	3.30	-0.557
61	3.30	-0.522
6	3.25	-0.209
24	3.24	-0.104
57	3.23	-0.070
51	3.22	0.000
61	3.22	0.000
<b>Median</b>	<b>3.22</b>	<b>0.000</b>
13	3.21	0.070
24	3.21	0.070
5	3.17	0.348
5	3.14	0.557
15	3.11	0.801
15	3.11	0.801
<b>Std Dev</b>	<b>3.08</b>	<b>1.000</b>
10	3.07	1.044

33	3.05	1.183
15	2.99	1.601
15	2.99	1.601

602 Other(describe)		
Lab	%	Al
19	4.37	0.000
<b>Median</b>	<b>4.37</b>	<b>0.000</b>

701 Gravimetric sulfate		
Lab	%	CaO
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

702 ICP-induced coupled plasma		
Lab	%	CaO
69	48.95	-4.157
69	48.94	-4.106
6	48.04	-1.031
<b>Std Dev</b>	<b>48.03</b>	<b>-1.000</b>
77	47.80	-0.206
61	47.80	-0.189
78	47.74	0.000
<b>Median</b>	<b>47.74</b>	<b>0.000</b>
61	47.71	0.103
77	47.60	0.481
6	47.46	0.962
<b>Std Dev</b>	<b>47.45</b>	<b>1.000</b>
10	47.43	1.065
78	47.29	1.546

703 Ceric Sulfate volumetric		
Lab	%	CaO
<b>Median</b>	<b>0.00</b>	<b>0.000</b>

704 Permanganate		
Lab	%	CaO
60	47.15	0.000
<b>Median</b>	<b>47.15</b>	<b>0.000</b>

705 EDTA Volumetric		
Lab	%	CaO
51	48.51	-2.286
<b>Std Dev</b>	<b>48.02</b>	<b>-1.000</b>
9	47.64	0.000

Median	47.64	0.000
9	47.49	0.394

706 Other(describe)		
Lab	%	CaO
24	48.67	-0.656
24	48.37	-0.325
15	48.15	-0.083
15	48.15	-0.083
15	48.08	-0.011
15	48.08	-0.011
19	48.07	0.000
Median	48.07	0.000
13	47.73	0.375
13	47.20	0.965
Std Dev	47.16	1.000
19	46.93	1.257
33	46.57	1.654
26	44.86	3.540
57	43.50	5.040

711 Gravimetric sulfate			
Lab	%	CaO	dB
Median	0.00	0.000	

712 ICP-induced coupled plasma			
Lab	%	CaO	dB
69	49.55	-1.760	
69	49.54	-1.735	
Std Dev	49.08	-1.000	
6	48.54	-0.138	
61	48.45	0.000	
Median	48.45	0.000	
61	48.37	0.130	
6	48.03	0.677	
Std Dev	47.83	1.000	
10	47.43	1.641	

713 Ceric Sulfate volumetric			
Lab	%	CaO	dB
Median	0.00	0.000	

714 Permanganate			
Lab	%	CaO	dB

Median	0.00	0.000
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715 EDTA Volumetric			
Lab	%	CaO	dB
51	49.02	-2.292	
Std Dev	48.56	-1.000	
9	48.21	0.000	
Median	48.21	0.000	
9	48.07	0.388	

716 Other(describe)			
Lab	%	CaO	dB
24	49.27	-0.940	
24	48.85	-0.429	
15	48.72	-0.278	
15	48.72	-0.278	
15	48.64	-0.174	
15	48.64	-0.174	
Median	48.50	0.000	
13	48.35	0.174	
19	48.07	0.519	
13	47.79	0.860	
Std Dev	47.68	1.000	
33	47.13	1.668	
19	46.93	1.907	
57	43.50	6.082	

801 Volumetric-AFPC 9-37			
Lab	%	Fluorine, F	
Median	0.00	0.000	

802 Specific Ion Electrode			
Lab	%	Fluorine, F	
270	4.20	-2.338	
69	4.10	-1.813	
69	4.09	-1.760	
Std Dev	3.95	-1.000	
24	3.90	-0.736	
9	3.88	-0.657	
24	3.86	-0.552	
51	3.84	-0.447	
9	3.82	-0.342	
13	3.76	0.000	
Median	3.76	0.000	

13	3.73	0.158
33	3.72	0.184
78	3.68	0.394
78	3.63	0.683
Std Dev	3.56	1.000
15	3.49	1.393
15	3.49	1.393
15	3.47	1.498
15	3.47	1.498

803 Other( describe)			
Lab	%	Fluorine, F	
77	3.88	-1.340	
Std Dev	3.88	-1.000	
Median	3.87	0.000	
Std Dev	3.86	1.000	
77	3.86	1.340	

911 Atomic Absorption-AFPC 9-18,19			
Lab	ppm	Arsenic, As	
Median	0.0	0.000	

912 ICP-induced coupled plasma			
Lab	ppm	Arsenic, As	
6	17.4	-1.306	
33	17.0	-1.199	
Std Dev	16.3	-1.000	
6	14.0	-0.353	
78	13.0	-0.071	
Median	12.8	0.000	
78	12.5	0.071	
270	11.0	0.494	
Std Dev	9.2	1.000	
69	7.0	1.622	
69	6.9	1.650	

913 Other(describe)			
Lab	ppm	Arsenic, As	
77	7.0	0.000	
77	7.0	0.000	
Median	7.0	0.000	
Std Dev	6.6	1.000	
51	6.0	2.680	

921 Atomic Absorption-AFPC 9-12,13			
Lab	ppm	Cadmium, Cd	
51	3	0.000	
Median	3	0.000	

922 ICP-induced coupled plasma			
Lab	ppm	Cadmium, Cd	
78	6	-1.787	
78	6	-1.489	
270	6	-1.290	
Std Dev	5	-1.000	
51	5	-0.596	
6	5	-0.467	
33	4	0.000	
Median	4	0.000	
6	4	0.040	
77	4	0.397	
77	4	0.397	
Std Dev	3	1.000	
61	2	2.134	
61	2	2.283	

923 Other(describe)			
Lab	ppm	Cadmium, Cd	
19	8	-52.260	
Std Dev	6	-1.000	
69	6	0.000	
69	6	0.000	
Median	6	0.000	
Std Dev	6	1.000	
19	6	1.340	
57	4	59.764	

931 Atomic Absorption-AFPC 9-16,17			
Lab	ppm	Cobalt, Co	
Median	0	0.000	

932 ICP-induced coupled plasma			
Lab	ppm	Cobalt, Co	
6	13	-10.412	
Std Dev	6	-1.000	
78	6	-0.670	
78	6	-0.670	
Median	6	0.000	

77	5	0.670
77	5	0.670
Std Dev	5	1.000
51	3	3.350

933 Other(describe)		
Lab	ppm	Cobalt, Co
69	5	-1.340
Std Dev	5	-1.000
Median	5	0.000
Std Dev	5	1.000
69	5	1.340

941 Atomic Absorption-AFPC 9-18,19		
Lab	ppm	Mercury, Hg
Median	0.0	0.000

942 ICP-induced coupled plasma		
Lab	ppm	Mercury, Hg
33	0.1	0.000
Median	0.1	0.000

943 Other(describe)		
Lab	ppm	Mercury, Hg
69	<0.5	0.000
69	<0.5	0.000
Median		0.000

951 Atomic Absorption-AFPC 9-18,19		
Lab	ppm	Iolybdenum, Mo
51	15	0.000
Median	15	0.000

952 ICP-induced coupled plasma		
Lab	ppm	Iolybdenum, Mo
6	20	-1.043
Std Dev	20	-1.000
78	20	-0.775
78	19	-0.105
Median	19	0.000
77	19	0.105
77	18	0.942
Std Dev	18	1.000
51	17	1.780

953 Other(describe)		
Lab	ppm	Iolybdenum, Mo
69	40	-1.340
Std Dev	40	-1.000
Median	39	0.000
Std Dev	39	1.000
69	39	1.340

961 Atomic Absorption-AFPC 9-12,13		
Lab	ppm	Nickel, Ni
51	8	0.000
Median	8	0.000

962 ICP-induced coupled plasma		
Lab	ppm	Nickel, Ni
51	12	-1.426
Std Dev	12	-1.000
78	11	-0.469
270	11	-0.469
6	11	-0.010
Median	11	0.000
78	11	0.010
6	10	0.680
Std Dev	9	1.000
77	9	1.445
77	9	1.445

963 Other(describe)		
Lab	ppm	Nickel, Ni
19	18	-2.678
Std Dev	13	-1.000
69	10	0.000
Median	10	0.000
69	10	0.002

971 Atomic Absorption-AFPC 9-16,17		
Lab	ppm	Lead, Pb
51	19	0.000
Median	19	0.000

972 ICP-induced coupled plasma		
Lab	ppm	Lead, Pb
6	22	-0.966

78	21	-0.760
78	20	-0.554
270	20	-0.554
Median	17	0.000
6	15	0.554
33	14	0.683
77	13	0.890
Std Dev	12	1.000
77	10	1.508

973 Other(describe)		
Lab	ppm	Lead, Pb
69	17	-1.340
Std Dev	17	-1.000
Median	17	0.000
Std Dev	17	1.000
69	17	1.340

981 Atomic Absorption-AFPC 9-18,19		
Lab	ppm	Selenium, Se
Median	0	0.000

982 ICP-induced coupled plasma		
Lab	ppm	Selenium, Se
6	3	0.000
Median	3	0.000

983 Other(describe)		
Lab	ppm	Selenium, Se
69	<0.5	0.000
69	<0.5	0.000
Median		0.000

991 Atomic Absorption-AFPC 9-18,19		
Lab	ppm	Zinc, Zn
60	51	-1.340
Std Dev	49	-1.000
Median	45	0.000
Std Dev	40	1.000
51	38	1.340

992 ICP-induced coupled plasma		
Lab	ppm	Zinc, Zn
33	80	-3.151

78	65	-1.613
Std Dev	58	-1.000
78	57	-0.819
270	49	-0.025
Median	48	0.000
51	48	0.025
6	46	0.223
77	42	0.620
77	41	0.720

993 Other(describe)		
Lab	ppm	Zinc, Zn
19	41	-2.680
Std Dev	38	-1.000
69	36	0.000
69	36	0.000
Median	36	0.000

