



<b>ACID SOLUBLE CALCIUM AS CaO</b>					
Acid Soluble Calcium, Atomic Absorption	945.04	101.00	1	0.20	0.00
Acid Soluble Calcium, ICP		101.30	16	0.36	0.02
Method Group 101.XX PCT			17	0.36	0.02
<b>ACID SOLUBLE MAGNESIUM AS MgO</b>					
Acid Soluble Magnesium, ICP		121.30	16	2.64	0.21
Method Group 121.XX PCT			16	2.64	0.26
<b>SULFATE SULFUR (S)</b>					
Sulfur, Gravimetric	980.02(a)	144.01	2	1.63	0.03
Sulfur, Spectrometric		144.70	2	1.64	0.00
Sulfur, Other		144.99	10	1.65	0.04
Method Group 144.XX PCT			14	1.64	0.05
<b>TOTAL SULFUR (S)</b>					
Sulfur, Other		145.99	1	1.49	0.00
Method Group 145.XX PCT			1	1.49	0.00
<b>TOTAL ARSENIC</b>					
Total Arsenic, ICP	980.02(b)	151.02	7	4	1.8
Total Arsenic, Other		151.99	2	4	0.2
Method Group 151.XX PPM			9	4	1.4
<b>ACID SOLUBLE BORON</b>					
Acid Soluble Boron, Other		165.99	1	140	0.0
Method Group 165.XX PPM			1	140	0.0
<b>TOTAL CADMIUM</b>					
Total Cadmium, ICP		181.30	7	45	2.0
Total Cadmium, Other		181.99	1	40	0.0
Method Group 181.XX PPM			8	44	2.3
<b>ALUMINUM AS Al<sub>2</sub>O<sub>3</sub></b>					
ICP, %			16	1.03	0.03
Method Group 190.XX PCT			16	1.03	0.03
<b>TOTAL CHROMIUM</b>					
Total Chromium, ICP		191.30	7	407	18.8
Total Chromium, Other		191.99	1	414	0.0
Method Group 191.XX PPM			8	409	21.9
<b>ACID SOLUBLE COBALT</b>					
Acid Soluble Cobalt, ICP		202.30	6	3	0.3
Acid Soluble Cobalt, Other		202.99	1	2	0.0
Method Group 202.XX PPM			7	3	0.8
<b>ACID SOLUBLE COPPER</b>					
Acid Soluble Copper, Atomic Absorption	975.01	221.00	1	2	0.0
Acid Soluble Copper, ICP		221.30	5	1	0.4
Acid Soluble Copper, Other		221.99	1	0	0.0
Method Group 221.XX PPM			6	1	0.5
<b>ACID SOLUBLE IRON AS Fe<sub>2</sub>O<sub>3</sub></b>					
Acid Soluble Iron, ICP		241.30	15	1.85	0.03
Method Group 241.XX PCT			16	1.85	0.05
<b>TOTAL LEAD</b>					
Total Lead, ICP		251.30	5	2	1.1
Total Lead, Other		251.99	1	0	0.0
Method Group 251.XX PPM			6	2	1.3
<b>ACID SOLUBLE MANGANESE</b>					
Acid Soluble Manganese, Atomic Absorption	972.02b	261.11	1	86	0.0
Acid Soluble Manganese, ICP	972.02a	261.30	3	88	7.8
Acid Soluble Manganese, Other		261.99	6	91	5.1
Method Group 261.XX PPM			10	88	6.8

<b>TOTAL MOLYBDENUM</b>					
Total Molybdenum, ICP	289.30		7	14	0.7
Total Molybdenum, Other	289.99		1	16	0.0
Method Group 289.XX PPM			8	14	1.5
<b>TOTAL NICKEL</b>					
Total Nickel, ICP	291.30		6	48	3.1
Total Nickel, Other	291.99		2	52	1.6
Method Group 291.XX PPM			8	49	3.5
<b>TOTAL SELENIUM</b>					
Total Selenium, ICP	301.30		1	17	0.0
Method Group 301.XX PPM			1	17	0.0
<b>SODIUM AS Na<sub>2</sub>O</b>					
Sodium, Atomic Absorbtion	983.04	311.00	1	0.35	0.00
Sodium, Other		311.99	9	0.33	0.02
Method Group 311.XX PCT			10	0.33	0.02
<b>ACID SOLUBLE ZINC</b>					
Acid Soluble Zinc, Atomic Absorption	975.02	321.00	1	636.3	0.0
Acid Soluble Zinc, ICP		321.30	6	633.0	38.2
Acid Soluble Zinc, Other		321.99	3	597.5	33.0
Method Group 321.XX PPM			10	633.0	55.7
<b>FLUORIDE</b>					
Volumetric	325.10		13	0.69	0.03
Distilled/Electrode	325.99		2	0.74	0.02
Method Group 325.XX PCT			15	0.71	0.05

001.99 Ammoniacal Nitrogen		
Lab		Other
32	10.91	-3.216
32	10.90	-2.948
34	10.84	-1.474
<b>Std Dev</b>	<b>10.82</b>	<b>-1.000</b>
24	10.81	-0.670
24	10.80	-0.402
61	10.80	-0.402
61	10.79	0.000
<b>Median</b>	<b>10.79</b>	<b>0.000</b>
23	10.78	0.134
79	10.77	0.536
23	10.76	0.670
275	10.76	0.670
<b>Std Dev</b>	<b>10.75</b>	<b>1.000</b>
140	10.71	2.010
275	10.68	2.814

001.XX Ammoniacal Nitrogen		
Lab		Total Method
32	10.91	-3.216
32	10.90	-2.948
34	10.84	-1.474
<b>Std Dev</b>	<b>10.82</b>	<b>-1.000</b>
24	10.81	-0.670
24	10.80	-0.402
61	10.80	-0.402
61	10.79	0.000
<b>Median</b>	<b>10.79</b>	<b>0.000</b>
23	10.78	0.134
79	10.77	0.536
23	10.76	0.670
275	10.76	0.670
<b>Std Dev</b>	<b>10.75</b>	<b>1.000</b>
140	10.71	2.010
275	10.68	2.814

010.11 Total Nitrogen		
Lab		Modified Comprehensive
43	10.88	-0.975
43	10.86	0.000
<b>Median</b>	<b>10.86</b>	<b>0.000</b>
<b>Std Dev</b>	<b>10.83</b>	<b>1.000</b>

219 10.82 1.705

010.12 Total Nitrogen		
Lab		Salicylic
107	10.77	0.000
<b>Median</b>	<b>10.77</b>	<b>0.000</b>

010.60 Total Nitrogen		
Lab		Combustion
63	11.05	-2.975
63	11.05	-2.975
47	10.95	-1.738
66	10.94	-1.620
<b>Std Dev</b>	<b>10.88</b>	<b>-1.000</b>
111	10.88	-0.972
39	10.86	-0.736
14	10.86	-0.677
14	10.85	-0.618
219	10.84	-0.442
24	10.81	-0.147
<b>Median</b>	<b>10.80</b>	<b>0.000</b>
9	10.79	0.147
49	10.78	0.206
24	10.78	0.206
79	10.77	0.324
110	10.76	0.442
75	10.73	0.854
<b>Std Dev</b>	<b>10.71</b>	<b>1.000</b>
77	10.66	1.679
103	10.62	2.150
80	10.55	2.916
137	10.16	7.510

010.99 Total Nitrogen		
Lab		Other
310	11.15	-2.821
<b>Std Dev</b>	<b>10.99</b>	<b>-1.000</b>
32	10.91	-0.056
<b>Median</b>	<b>10.90</b>	<b>0.000</b>
32	10.90	0.056
<b>Std Dev</b>	<b>10.81</b>	<b>1.000</b>
99	10.71	2.200

010.XX Total Nitrogen		
Lab		Total Method

310	11.15	-3.601
63	11.05	-2.485
63	11.05	-2.485
47	10.95	-1.312
66	10.94	-1.200
<b>Std Dev</b>	<b>10.92</b>	<b>-1.000</b>
32	10.91	-0.865
32	10.90	-0.754
111	10.88	-0.586
43	10.88	-0.530
39	10.86	-0.363
14	10.86	-0.307
43	10.86	-0.307
14	10.85	-0.251
219	10.84	-0.084
<b>Median</b>	<b>10.83</b>	<b>0.000</b>
219	10.82	0.084
24	10.81	0.195
9	10.79	0.475
49	10.78	0.530
24	10.78	0.530
79	10.77	0.642
107	10.77	0.698
110	10.76	0.754
<b>Std Dev</b>	<b>10.74</b>	<b>1.000</b>
75	10.73	1.145
99	10.71	1.368
77	10.66	1.926
103	10.62	2.373
80	10.55	3.099
137	10.16	7.454

020.10 Total Phosphate		
Lab		Gravimetric Quimociac

219	53.21	-0.075
310	53.20	0.000
<b>Median</b>	<b>53.20</b>	<b>0.000</b>
<b>Std Dev</b>	<b>53.06</b>	<b>1.000</b>
310	52.85	2.605

020.20 Total Phosphate		
Lab		Spectrometric

9	53.26	-1.736
34	53.19	-1.310
<b>Std Dev</b>	<b>53.14</b>	<b>-1.000</b>
32	53.07	-0.579
23	53.03	-0.335
23	53.02	-0.274
32	53.00	-0.152
275	53.00	-0.152
14	53.00	-0.122
61	52.99	-0.091
14	52.98	0.000
<b>Median</b>	<b>52.98</b>	<b>0.000</b>
24	52.83	0.883
140	52.82	0.944
<b>Std Dev</b>	<b>52.81</b>	<b>1.000</b>
275	52.81	1.035
24	52.79	1.127
43	52.79	1.127
79	52.77	1.249
43	52.76	1.340
61	52.68	1.797
110	52.18	4.873

020.30 Total Phosphate		
Lab		Alka. Quimociac

111	52.67	0.000
<b>Median</b>	<b>52.67</b>	<b>0.000</b>

020.40 Total Phosphate		
Lab		Automated

9	53.31	-0.599
111	53.31	-0.599
<b>Median</b>	<b>53.18</b>	<b>0.000</b>
137	53.06	0.599
<b>Std Dev</b>	<b>52.97</b>	<b>1.000</b>
219	52.94	1.164

020.99 Total Phosphate		
Lab		Other

99	53.43	0.000
<b>Median</b>	<b>53.43</b>	<b>0.000</b>

020.XX Total Phosphate		
Lab		Total Method

99	53.43	-1.962
9	53.31	-1.424
111	53.31	-1.424
9	53.26	-1.200
<b>Std Dev</b>	<b>53.22</b>	<b>-1.000</b>
219	53.21	-0.953
310	53.20	-0.908
34	53.19	-0.886
32	53.07	-0.348
137	53.06	-0.280
23	53.03	-0.168
23	53.02	-0.123
32	53.00	-0.034
275	53.00	-0.034
14	53.00	-0.011
<b>Median</b>	<b>52.99</b>	<b>0.000</b>
61	52.99	0.011
14	52.98	0.078
219	52.94	0.258
310	52.85	0.639
24	52.83	0.729
140	52.82	0.774
275	52.81	0.841
24	52.79	0.908
43	52.79	0.908
79	52.77	0.998
<b>Std Dev</b>	<b>52.77</b>	<b>1.000</b>
43	52.76	1.065
61	52.68	1.402
111	52.67	1.469
110	52.18	3.667

030.20 Insoluble Phosphate		
Lab		Spectrometric
14	0.20	-3.127
14	0.19	-2.829
<b>Std Dev</b>	<b>0.16</b>	<b>-1.000</b>
43	0.16	-0.923
43	0.15	-0.387
23	0.15	-0.149
23	0.15	-0.149
<b>Median</b>	<b>0.14</b>	<b>0.000</b>
24	0.14	0.149
61	0.14	0.447

140	0.13	0.744
<b>Std Dev</b>	<b>0.13</b>	<b>1.000</b>
61	0.13	1.042
24	0.12	1.340
79	0.11	1.936

030.40 Insoluble Phosphate		
Lab		Automated
34	0.16	-1.340
<b>Std Dev</b>	<b>0.16</b>	<b>-1.000</b>
<b>Median</b>	<b>0.15</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.15</b>	<b>1.000</b>
9	0.15	1.340

030.99 Insoluble Phosphate		
Lab		Other
32	0.13	0.000
32	0.13	0.000
<b>Median</b>	<b>0.13</b>	<b>0.000</b>

030.XX Insoluble Phosphate		
Lab		Total Method
14	0.20	-3.311
14	0.19	-2.995
34	0.16	-1.104
<b>Std Dev</b>	<b>0.16</b>	<b>-1.000</b>
43	0.16	-0.977
43	0.15	-0.410
9	0.15	-0.158
23	0.15	-0.158
23	0.15	-0.158
<b>Median</b>	<b>0.14</b>	<b>0.000</b>
24	0.14	0.158
61	0.14	0.473
32	0.13	0.788
32	0.13	0.788
140	0.13	0.788
<b>Std Dev</b>	<b>0.13</b>	<b>1.000</b>
61	0.13	1.104
24	0.12	1.419
79	0.11	2.049

040.20 Indirect Available Phosphate		
Lab		Spectrometric

23	52.89	-1.448
23	52.88	-1.369
61	52.87	-1.291
<b>Std Dev</b>	<b>52.83</b>	<b>-1.000</b>
14	52.80	-0.782
14	52.79	-0.704
24	52.71	-0.078
<b>Median</b>	<b>52.70</b>	<b>0.000</b>
140	52.69	0.078
79	52.66	0.313
24	52.65	0.391
43	52.63	0.548
43	52.61	0.743
<b>Std Dev</b>	<b>52.57</b>	<b>1.000</b>
61	52.55	1.213

040.99 Indirect Available Phosphate		
Lab		Other
9	53.12	-1.340
<b>Std Dev</b>	<b>53.11</b>	<b>-1.000</b>
<b>Median</b>	<b>53.08</b>	<b>0.000</b>
<b>Std Dev</b>	<b>53.05</b>	<b>1.000</b>
34	53.04	1.340

040.XX Indirect Available Phosphate		
Lab		Total Method
9	53.12	-2.223
34	53.04	-1.766
<b>Std Dev</b>	<b>52.91</b>	<b>-1.000</b>
23	52.89	-0.822
23	52.88	-0.761
61	52.87	-0.700
14	52.80	-0.305
14	52.79	-0.244
<b>Median</b>	<b>52.75</b>	<b>0.000</b>
24	52.71	0.244
140	52.69	0.365
79	52.66	0.548
24	52.65	0.609
43	52.63	0.731
43	52.61	0.883
<b>Std Dev</b>	<b>52.59</b>	<b>1.000</b>
61	52.55	1.249

041.10 Direct Available Phosphate		
Lab		Gravimetric Quimociac
47	53.40	-3.383
<b>Std Dev</b>	<b>53.09</b>	<b>-1.000</b>
39	52.97	-0.114
<b>Median</b>	<b>52.96</b>	<b>0.000</b>
219	52.94	0.114
<b>Std Dev</b>	<b>52.82</b>	<b>1.000</b>
107	52.79	1.292

041.40 Direct Available Phosphate		
Lab		Automated
103	54.06	-1.365
<b>Std Dev</b>	<b>53.88</b>	<b>-1.000</b>
49	53.39	0.000
<b>Median</b>	<b>53.39</b>	<b>0.000</b>
<b>Std Dev</b>	<b>52.89</b>	<b>1.000</b>
39	52.74	1.315

041.50 Direct Available Phosphate		
Lab		ICP
63	52.28	-0.903
63	52.27	-0.884
66	51.80	0.000
<b>Median</b>	<b>51.80</b>	<b>0.000</b>
80	51.55	0.456
<b>Std Dev</b>	<b>51.26</b>	<b>1.000</b>
47	50.95	1.573

041.60 Direct Available Phosphate		
Lab		EDTA Extract
219	53.06	-1.069
<b>Std Dev</b>	<b>53.04</b>	<b>-1.000</b>
77	52.97	-0.527
<b>Median</b>	<b>52.88</b>	<b>0.000</b>
137	52.79	0.527
<b>Std Dev</b>	<b>52.71</b>	<b>1.000</b>
29	52.69	1.129

041.99 Direct Available Phosphate		
Lab		Other
275	52.30	-1.340
<b>Std Dev</b>	<b>52.27</b>	<b>-1.000</b>
<b>Median</b>	<b>52.17</b>	<b>0.000</b>

Std Dev	52.06	1.000
275	52.03	1.340

041.XX Lab	Direct Available Phosphate Total Method	
103	54.06	-2.488
47	53.40	-1.227
49	53.39	-1.198
Std Dev	53.28	-1.000
219	53.06	-0.563
39	52.97	-0.399
77	52.97	-0.390
219	52.94	-0.342
137	52.79	-0.053
107	52.79	-0.043
Median	52.76	0.000
39	52.74	0.043
29	52.69	0.140
275	52.30	0.890
63	52.28	0.929
63	52.27	0.948
Std Dev	52.24	1.000
275	52.03	1.410
66	51.80	1.862
80	51.55	2.334
47	50.95	3.488

048.20 Lab	Water Soluble Phosphate Spectrometric	
14	48.04	-2.463
140	47.88	-1.597
Std Dev	47.77	-1.000
14	47.76	-0.947
23	47.75	-0.893
24	47.72	-0.731
23	47.70	-0.596
79	47.61	-0.108
Median	47.59	0.000
43	47.57	0.108
43	47.55	0.189
61	47.51	0.406
24	47.49	0.514
Std Dev	47.40	1.000
61	47.12	2.545

275	45.81	9.610
275	45.79	9.718

048.30 Lab	Water Soluble Phosphate Alka. Quimociac	
111	46.92	0.000
Median	46.92	0.000

048.99 Lab	Water Soluble Phosphate Other	
9	48.52	-1.232
Std Dev	48.40	-1.000
34	47.91	-0.030
32	47.90	0.000
Median	47.90	0.000
Std Dev	47.39	1.000
32	47.23	1.310
111	47.05	1.675

048.XX Lab	Water Soluble Phosphate Total Method	
9	48.52	-2.128
14	48.04	-1.036
Std Dev	48.02	-1.000
34	47.91	-0.740
32	47.90	-0.706
140	47.88	-0.671
14	47.76	-0.398
23	47.75	-0.376
24	47.72	-0.307
23	47.70	-0.250
79	47.61	-0.046
Median	47.59	0.000
43	47.57	0.046
43	47.55	0.080
61	47.51	0.171
24	47.49	0.216
32	47.23	0.808
Std Dev	47.15	1.000
61	47.12	1.070
111	47.05	1.229
111	46.92	1.525
275	45.81	4.040
275	45.79	4.085

050.50 Lab	%K <sub>2</sub> O	Soluble Potash ICP(Oxalate)
23	0.32	-1.340
Std Dev	0.31	-1.000
Median	0.31	0.000
Std Dev	0.31	1.000
23	0.31	1.340

050.51 Lab	%K <sub>2</sub> O	Soluble Potash ICP(Citrate)
137	0.32	-1.340
Std Dev	0.31	-1.000
Median	0.31	0.000
Std Dev	0.31	1.000
18	0.31	1.340

050.61 Lab		Soluble Potash Flame Photometric(Citrate)
219	0.36	0.000
Median	0.36	0.000

050.99 Lab	%K <sub>2</sub> O	Soluble Potash Other
61	0.33	-1.117
Std Dev	0.32	-1.000
61	0.32	-0.893
24	0.31	-0.447
43	0.31	-0.382
111	0.30	0.000
Median	0.30	0.000
43	0.30	0.016
24	0.28	0.893
Std Dev	0.28	1.000
99	0.28	1.117
80	0.11	8.487

050.XX Lab	%K <sub>2</sub> O	Soluble Potash Total Method
219	0.36	-3.950
61	0.33	-1.317
Std Dev	0.32	-1.000
61	0.32	-0.878
23	0.32	-0.439

137	0.32	-0.439
18	0.31	0.000
23	0.31	0.000
24	0.31	0.000
Median	0.31	0.000
43	0.31	0.127
111	0.30	0.878
43	0.30	0.909
Std Dev	0.30	1.000
24	0.28	2.633
99	0.28	3.072
80	0.11	17.554

060.00 Lab	Free Water Vacuum Oven	
24	1.85	-2.637
79	1.80	-2.161
24	1.70	-1.340
14	1.68	-1.167
14	1.68	-1.167
Std Dev	1.66	-1.000
111	1.63	-0.692
9	1.62	-0.648
32	1.55	0.000
32	1.55	0.000
Median	1.55	0.000
23	1.54	0.086
43	1.53	0.130
140	1.52	0.216
43	1.51	0.303
23	1.50	0.432
34	1.48	0.562

060.10 Lab	Free Water Vacuum Desiccate	
61	2.09	-1.340
Std Dev	2.07	-1.000
Median	2.05	0.000
Std Dev	2.02	1.000
61	2.01	1.340

060.99 Lab	Free Water Other	
275	1.81	-1.340

Std Dev	1.81	-1.000
Median	1.80	0.000
Std Dev	1.80	1.000
275	1.80	1.340

060.XX		Free Water
Lab	Total Method	
61	2.09	-2.348
61	2.01	-1.940
24	1.85	-1.149
Std Dev	1.82	-1.000
275	1.81	-0.944
79	1.80	-0.868
275	1.80	-0.868
24	1.70	-0.383
14	1.68	-0.281
14	1.68	-0.281
111	1.63	0.000
Median	1.63	0.000
9	1.62	0.026
32	1.55	0.408
32	1.55	0.408
23	1.54	0.459
43	1.53	0.485
140	1.52	0.536
43	1.51	0.587
23	1.50	0.664
34	1.48	0.740

101.00		Acid Soluble Calcium
Lab	%CaO	Atomic Absorption
219	0.20	0.000
Median	0.20	0.000

101.30		Acid Soluble Calcium
Lab	%CaO	ICP
34	0.39	-1.787
61	0.39	-1.489
24	0.38	-1.191
Std Dev	0.38	-1.000
61	0.38	-0.893
23	0.37	-0.596
23	0.37	-0.596
32	0.37	-0.298

9	0.36	0.000
24	0.36	0.000
32	0.36	0.000
Median	0.36	0.000
14	0.35	0.596
14	0.35	0.596
18	0.35	0.893
Std Dev	0.34	1.000
43	0.33	1.716
43	0.33	1.891
111	0.32	2.382

101.XX		Acid Soluble Calcium
Lab	%CaO	Total Method
34	0.39	-1.608
61	0.39	-1.340
24	0.38	-1.072
Std Dev	0.38	-1.000
61	0.38	-0.804
23	0.37	-0.536
23	0.37	-0.536
32	0.37	-0.268
9	0.36	0.000
24	0.36	0.000
32	0.36	0.000
Median	0.36	0.000
14	0.35	0.536
14	0.35	0.536
18	0.35	0.804
Std Dev	0.34	1.000
43	0.33	1.544
43	0.33	1.702
111	0.32	2.144
219	0.20	8.496

121.30		Acid Soluble Magnesium
Lab	%MgO	ICP
24	2.85	-0.984
61	2.82	-0.842
24	2.76	-0.557
61	2.75	-0.510
111	2.72	-0.368
23	2.67	-0.107
32	2.67	-0.107

23	2.66	-0.083
Median	2.64	0.000
9	2.63	0.083
32	2.63	0.083
34	2.48	0.771
14	2.45	0.913
Std Dev	2.43	1.000
14	2.43	1.008
43	2.30	1.648
43	2.29	1.696
39	1.71	4.423

121.XX		Acid Soluble Magnesium
Lab	%MgO	Total Method
24	2.85	-0.984
61	2.82	-0.842
24	2.76	-0.557
61	2.75	-0.510
111	2.72	-0.368
23	2.67	-0.107
32	2.67	-0.107
23	2.66	-0.083
Median	2.64	0.000
9	2.63	0.083
32	2.63	0.083
34	2.48	0.771
14	2.45	0.913
Std Dev	2.43	1.000
14	2.43	1.008
43	2.30	1.648
43	2.29	1.696
39	1.71	4.423

144..01		Sulfate Sulfur (S)
Lab	Gravimetric	
61	1.66	-1.340
Std Dev	1.65	-1.000
Median	1.63	0.000
Std Dev	1.60	1.000
61	1.59	1.340

144.70		Sulfur
Lab	Spectrometric	
14	1.64	-1.340

Std Dev	1.64	-1.000
Median	1.64	0.000
Std Dev	1.64	1.000
14	1.64	1.340

144.99		Sulfate Sulfur (S)
Lab	Other	
32	1.74	-2.353
Std Dev	1.68	-1.000
23	1.66	-0.392
23	1.66	-0.392
24	1.66	-0.392
9	1.65	-0.131
Median	1.65	0.000
43	1.64	0.131
43	1.64	0.261
Std Dev	1.61	1.000
24	1.60	1.177
32	1.59	1.569
34	1.57	1.961

144.XX		Sulfate Sulfur (S)
Lab	Total Method	
32	1.74	-2.484
Std Dev	1.68	-1.000
23	1.66	-0.523
23	1.66	-0.523
24	1.66	-0.523
61	1.66	-0.523
9	1.65	-0.261
14	1.64	0.000
43	1.64	0.000
Median	1.64	0.000
14	1.64	0.131
43	1.64	0.131
Std Dev	1.60	1.000
24	1.60	1.046
61	1.59	1.307
32	1.59	1.438
34	1.57	1.830

145.99		Total Sulfur (S)
Lab	Other	
111	1.49	0.000

Median	1.49	0.000
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145.XX		Total Sulfur (S)
Lab		Total Method
111	1.49	0.000
Median	1.49	0.000

151.30		Total Arsenic
Lab		ICP
111	10.50	-3.660
Std Dev	5.78	-1.000
24	4.06	-0.034
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000
18	2.50	0.845
Std Dev	2.22	1.000
43	0.80	1.802
43	0.65	1.886

151.99		Total Arsenic
Lab		Other
275	4.30	-1.340
Std Dev	4.23	-1.000
Median	4.03	0.000
Std Dev	3.82	1.000
275	3.75	1.340

151.XX		Total Arsenic
Lab		Total Method
111	10.50	-5.583
Std Dev	5.16	-1.000
275	4.30	-0.258
24	4.06	-0.052
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000
275	3.75	0.215
Std Dev	2.84	1.000
18	2.50	1.288
43	0.80	2.749
43	0.65	2.878

165.99		Acid Soluble Boron
Lab	PPM	Other
24	140.00	0.000
Median	140.00	0.000

165.XX, ppm		Acid Soluble Boron
Lab	PPM	Total Method
24	140.00	0.000
Median	140.00	0.000

181.30		Total Cadmium
Lab	PPM	ICP
111	58.50	-6.916
Std Dev	46.52	-1.000
9	46.00	-0.741
61	44.50	0.000
61	44.50	0.000
Median	44.50	0.000
43	42.71	0.884
Std Dev	42.48	1.000
43	42.37	1.055
18	42.10	1.186

181.99		Total Cadmium
Lab		Other
24	39.70	0.000
Median	39.70	0.000

181.XX		Total Cadmium
Lab	PPM	Total Method
111	58.50	-7.747
9	46.00	-1.246
Std Dev	45.53	-1.000
61	44.50	-0.466
61	44.50	-0.466
Median	43.61	0.000
43	42.71	0.466
43	42.37	0.645
18	42.10	0.783
Std Dev	41.68	1.000
24	39.70	2.031

190.00		Aluminum
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP

9	1.09	-2.144
14	1.07	-1.429
14	1.07	-1.429
32	1.06	-1.072
Std Dev	1.06	-1.000
61	1.05	-0.715
34	1.04	-0.357
23	1.03	0.000
24	1.03	0.000
61	1.03	0.000
Median	1.03	0.000
23	1.03	0.179
32	1.02	0.357
43	1.02	0.536
43	1.02	0.536
24	1.01	0.715
Std Dev	1.00	1.000
18	0.98	1.787
111	0.73	10.720

190.XX		Aluminum
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
9	1.09	-2.144
14	1.07	-1.429
14	1.07	-1.429
32	1.06	-1.072
Std Dev	1.06	-1.000
61	1.05	-0.715
34	1.04	-0.357
23	1.03	0.000
24	1.03	0.000
61	1.03	0.000
Median	1.03	0.000
23	1.03	0.179
32	1.02	0.357
43	1.02	0.536
43	1.02	0.536
24	1.01	0.715
Std Dev	1.00	1.000
18	0.98	1.787
111	0.73	10.720

191.30		Total Chromium
Lab		ICP

61	428.50	-1.168
Std Dev	425.34	-1.000
61	423.50	-0.902
9	411.00	-0.239
18	406.50	0.000
Median	406.50	0.000
111	392.50	0.743
43	391.50	0.796
43	390.50	0.849

191.99		Total Chromium
Lab	PPM	Other
24	414.00	0.000
Median	414.00	0.000

191.XX		Total Chromium
Lab	PPM	Total Method
61	428.50	-1.097
Std Dev	426.75	-1.000
61	423.50	-0.819
24	414.00	-0.292
9	411.00	-0.125
Median	408.75	0.000
18	406.50	0.125
111	392.50	0.903
43	391.50	0.958
Std Dev	390.75	1.000
43	390.50	1.014

202.30		Acid Soluble Cobalt
Lab	PPM	ICP
111	12.00	-32.160
61	3.50	-1.787
Std Dev	3.28	-1.000
43	3.00	0.000
43	3.00	0.000
61	3.00	0.000
Median	3.00	0.000
Std Dev	2.72	1.000
18	1.21	6.396

202.99		Acid Soluble Cobalt
Lab		Other
24	1.66	0.000



Median	1.66	0.000
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202.XX		Acid Soluble Cobalt	
Lab	PPM	Total Method	
111	12.00	-13.109	
Std Dev	3.69	-1.000	
61	3.50	-0.728	
43	3.00	0.000	
43	3.00	0.000	
61	3.00	0.000	
Median	3.00	0.000	
Std Dev	2.31	1.000	
24	1.66	1.952	
18	1.21	2.607	

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221.30		Acid Soluble Copper	
Lab	PPM	ICP	
111	12.50	-30.820	
Std Dev	1.37	-1.000	
43	1.00	0.000	
43	1.00	0.000	
Median	1.00	0.000	
Std Dev	0.63	1.000	
61	0.50	1.340	
61	0.00	2.680	

221.99		Acid Soluble Copper	
Lab	PPM	Other	
24	0.42	0.000	
Median	0.42	0.000	

221.XX		Acid Soluble Copper	
Lab	PPM	Total Method	
111	12.50	-28.116	
Std Dev	1.17	-1.000	
43	1.00	-0.598	
43	1.00	-0.598	
Median	0.75	0.000	
61	0.50	0.598	

24	0.42	0.790
Std Dev	0.33	1.000
61	0.00	1.795

241.30		Acid Soluble Iron	
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP	
32	1.94	-2.531	
61	1.93	-2.382	
34	1.89	-1.191	
Std Dev	1.88	-1.000	
32	1.88	-0.893	
24	1.87	-0.596	
24	1.86	-0.298	
14	1.85	0.000	
61	1.85	0.000	
Median	1.85	0.000	
14	1.85	0.149	
23	1.84	0.447	
23	1.83	0.596	
111	1.83	0.596	
Std Dev	1.82	1.000	
9	1.81	1.340	
43	1.75	3.127	
43	1.75	3.127	

241.XX		Acid Soluble Iron	
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method	
32	1.94	-2.170	
61	1.93	-2.042	
219	1.91	-1.531	
34	1.89	-1.021	
Std Dev	1.89	-1.000	
32	1.88	-0.766	
24	1.87	-0.510	
24	1.86	-0.255	
14	1.85	0.000	
61	1.85	0.000	
Median	1.85	0.000	
14	1.85	0.128	
23	1.84	0.383	
23	1.83	0.510	
111	1.83	0.510	
Std Dev	1.81	1.000	
9	1.81	1.149	

43	1.75	2.680
43	1.75	2.680

251.30		Total Lead	
Lab	PPM	ICP	
18	<1	0.000	
111	5.50	-3.127	
Std Dev	3.12	-1.000	
61	2.50	-0.447	
61	2.00	0.000	
Median	2.00	0.000	
43	1.00	0.893	
43	1.00	0.893	

251.99		Total Lead	
Lab	PPM	Other	
24	0.38	0.000	
Median	0.38	0.000	

251.XX		Total Lead	
Lab	PPM	Total Method	
18	<1	0.000	
111	5.50	-3.898	
Std Dev	2.53	-1.000	
61	2.50	-0.975	
61	2.00	-0.487	
Median	1.50	0.000	
43	1.00	0.487	
43	1.00	0.487	
Std Dev	0.47	1.000	
24	0.38	1.091	

261.11		Acid Soluble Manganese	
Lab	PPM	Atomic Absorption	
219	85.80	0.000	
Median	85.80	0.000	

261.30		Acid Soluble Manganese	
Lab	PPM	ICP	
111	96.00	-1.021	
Std Dev	95.84	-1.000	
9	88.00	0.000	
Median	88.00	0.000	
Std Dev	80.16	1.000	

39	75.00	1.659
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261.99		Acid Soluble Manganese	
Lab	PPM	Other	
24	95.10	-0.897	
43	93.00	-0.487	
43	93.00	-0.487	
Median	90.50	0.000	
18	88.00	0.487	
61	85.50	0.975	
Std Dev	85.37	1.000	
61	83.00	1.462	

261.XX		Acid Soluble Manganese	
Lab	PPM	Total Method	
111	96.00	-1.444	
24	95.10	-1.281	
Std Dev	93.54	-1.000	
43	93.00	-0.902	
43	93.00	-0.902	
9	88.00	0.000	
18	88.00	0.000	
Median	88.00	0.000	
219	85.80	0.397	
61	85.50	0.451	
61	83.00	0.902	
Std Dev	82.46	1.000	
39	75.00	2.346	

281.30		Total Mercury	
Lab	PPM	ICP	
24	<0.06	0.000	
Median	0.00	0.000	

281.XX		Total Mercury	
Lab	PPM	Total Method	
24	<0.06	0.000	
Median	0.00	0.000	

289.30		Total Molybdenum	
Lab	PPM	ICP	
111			

289.99		Total Molybdenum	
Lab	PPM	Other	

24	16.30	0.000
Median	16.30	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
111	22.50	-7.058
24	16.30	-1.984
Std Dev	15.10	-1.000
61	15.00	-0.921
9	14.00	-0.102
Median	13.88	0.000
43	13.75	0.102
43	13.75	0.102
61	13.50	0.307
18	13.10	0.634

291.30 Total Nickel		
Lab	PPM	ICP
9	51.25	-1.128
Std Dev	50.86	-1.000
61	50.00	-0.719
61	48.50	-0.229
Median	47.80	0.000
18	47.10	0.229
43	45.00	0.915
43	45.00	0.915

291.99 Total Nickel		
Lab	PPM	Other
111	54.50	-1.340
Std Dev	53.94	-1.000
Median	52.30	0.000
Std Dev	50.66	1.000
24	50.10	1.340

291.XX Total Nickel		
Lab	PPM	Total Method
111	54.50	-1.845
Std Dev	52.10	-1.000
9	51.25	-0.703
24	50.10	-0.299
61	50.00	-0.264
Median	49.25	0.000
61	48.50	0.264

18	47.10	0.756
Std Dev	46.40	1.000
43	45.00	1.494
43	45.00	1.494

301.30 Total Selenium		
Lab	PPM	ICP
24	<0.28	0.000
61	<0.01	0.000
61	<0.01	0.000
111	17.00	0.000
Median	17.00	0.000

301.XX Total Selenium		
Lab	PPM	Total Method
24	<0.28	0.000
61	<0.01	0.000
61	<0.01	0.000
111	17.00	0.000
Median	17.00	0.000

311.00 Sodium		
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
61	0.35	0.000
Median	0.35	0.000

311.99 Sodium		
Lab	%Na <sub>2</sub> O	Other
24	0.37	-2.312
Std Dev	0.35	-1.000
23	0.34	-0.289
23	0.34	-0.289
24	0.33	0.000
61	0.33	0.000
Median	0.33	0.000
18	0.32	0.578
Std Dev	0.31	1.000
43	0.31	1.051
43	0.31	1.180
111	0.31	1.445

311.XX Sodium		
Lab	%Na <sub>2</sub> O	Total Method
24	0.37	-2.535

61	0.35	-1.268
Std Dev	0.35	-1.000
23	0.34	-0.317
23	0.34	-0.317
24	0.33	0.000
61	0.33	0.000
Median	0.33	0.000
18	0.32	0.634
Std Dev	0.31	1.000
43	0.31	1.153
43	0.31	1.294
111	0.31	1.585

321.00 Acid Soluble Zinc		
Lab	PPM	Atomic Absorption
219	636.25	0.000
Median	636.25	0.000

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
111	674.00	-1.075
Std Dev	671.15	-1.000
24	667.00	-0.891
9	634.00	-0.026
Median	633.00	0.000
61	632.00	0.026
61	599.50	0.878
Std Dev	594.85	1.000
39	575.00	1.520

321.99 Acid Soluble Zinc		
Lab	PPM	Other
18	683.00	-2.589
Std Dev	630.52	-1.000
43	597.50	0.000
Median	597.50	0.000
43	594.50	0.091

321.XX Acid Soluble Zinc		
Lab	PPM	Total Method
18	683.00	-1.093
Std Dev	678.76	-1.000
111	674.00	-0.896
24	667.00	-0.743

219	636.25	-0.071
9	634.00	-0.022
Median	633.00	0.000
61	632.00	0.022
61	599.50	0.732
43	597.50	0.776
43	594.50	0.841
Std Dev	587.24	1.000
39	575.00	1.268

325.10 Fluoride		
Lab	%	Electrode
111	1.50	-30.820
32	0.79	-3.829
32	0.77	-2.871
23	0.71	-0.766
24	0.71	-0.766
23	0.71	-0.574
9	0.69	0.000
24	0.69	0.000
Median	0.69	0.000
14	0.68	0.383
14	0.68	0.574
34	0.67	0.766
275	0.64	1.914
275	0.63	2.297

325.99 Fluoride		
Lab	%	Other
61	0.77	-1.340
Median	0.74	0.000
61	0.71	1.340

325.XX Fluoride		
Lab	%	Total Method
111	1.50	-17.643
32	0.79	-1.898
32	0.77	-1.340
61	0.77	-1.340
23	0.71	-0.112
24	0.71	-0.112
61	0.71	-0.112
23	0.71	0.000
Median	0.71	0.000

9	0.69	0.335
24	0.69	0.335
14	0.68	0.558
14	0.68	0.670
34	0.67	0.782
275	0.64	1.452
275	0.63	1.675