

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
123	17.42	-1.340
<b>Std Dev</b>	<b>17.39</b>	<b>-1.000</b>
<b>Median</b>	<b>17.29</b>	<b>0.000</b>
<b>Std Dev</b>	<b>17.20</b>	<b>1.000</b>
49	17.17	1.340

001.99 Ammoniacal Nitrogen		
Lab	Other	
124	17.98	-9.093
34	17.57	-1.244
<b>Std Dev</b>	<b>17.56</b>	<b>-1.000</b>
24	17.53	-0.383
28	17.53	-0.383
31	17.51	0.000
<b>Median</b>	<b>17.51</b>	<b>0.000</b>
24	17.50	0.096
28	17.46	0.957
<b>Std Dev</b>	<b>17.45</b>	<b>1.000</b>
32	17.41	1.914
38	16.33	22.589

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
124	17.98	-5.717
<b>Std Dev</b>	<b>17.58</b>	<b>-1.000</b>
34	17.57	-0.834
24	17.53	-0.298
28	17.53	-0.298
31	17.51	-0.060
24	17.50	0.000
<b>Median</b>	<b>17.50</b>	<b>0.000</b>
28	17.46	0.536
123	17.42	0.953
<b>Std Dev</b>	<b>17.42</b>	<b>1.000</b>
32	17.41	1.132
49	17.17	3.990
38	16.33	13.996

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
61	18.83	-1.531
61	18.65	-1.209

<b>Std Dev</b>	<b>18.52</b>	<b>-1.000</b>
43	17.95	0.000
<b>Median</b>	<b>17.95</b>	<b>0.000</b>
43	17.88	0.131
49	17.81	0.244

010.12 Total Nitrogen		
Lab	Salicylic	
119	18.15	-1.340
<b>Std Dev</b>	<b>18.10</b>	<b>-1.000</b>
<b>Median</b>	<b>17.97</b>	<b>0.000</b>
<b>Std Dev</b>	<b>17.83</b>	<b>1.000</b>
107	17.79	1.340

010.60 Total Nitrogen		
Lab	Combustion	
63	18.53	-3.127
63	18.49	-2.903
102	18.41	-2.457
39	18.19	-1.200
<b>Std Dev</b>	<b>18.15</b>	<b>-1.000</b>
65	18.14	-0.949
64	18.11	-0.754
47	18.10	-0.698
9	18.09	-0.670
99	18.08	-0.586
77	18.04	-0.391
14	18.02	-0.251
79	18.02	-0.251
14	18.01	-0.223
49	18.01	-0.223
44	17.97	0.000
66	17.97	0.000
<b>Median</b>	<b>17.97</b>	<b>0.000</b>
24	17.91	0.335
24	17.91	0.363
31	17.90	0.391
80	17.90	0.391
29	17.89	0.447
96	17.85	0.670
<b>Std Dev</b>	<b>17.79</b>	<b>1.000</b>
123	17.78	1.089
111	17.72	1.396
110	17.55	2.345

95	17.45	2.903
38	17.29	3.797
35	17.15	4.606
270	16.94	5.751

010.99 Total Nitrogen		
Lab	Other	
23	18.04	-0.357
23	18.03	-0.179
34	18.02	0.000
<b>Median</b>	<b>18.02</b>	<b>0.000</b>
<b>Std Dev</b>	<b>17.96</b>	<b>1.000</b>
32	17.96	1.161
40	17.96	1.161

010.XX Total Nitrogen		
Lab	Total Method	
61	18.83	-5.360
61	18.65	-4.207
63	18.53	-3.490
63	18.49	-3.241
102	18.41	-2.742
39	18.19	-1.340
119	18.15	-1.122
65	18.14	-1.060
<b>Std Dev</b>	<b>18.13</b>	<b>-1.000</b>
64	18.11	-0.841
47	18.10	-0.779
9	18.09	-0.748
99	18.08	-0.654
23	18.04	-0.436
77	18.04	-0.436
23	18.03	-0.374
34	18.02	-0.312
14	18.02	-0.280
79	18.02	-0.280
14	18.01	-0.249
49	18.01	-0.249
44	17.97	0.000
66	17.97	0.000
<b>Median</b>	<b>17.97</b>	<b>0.000</b>
32	17.96	0.093
40	17.96	0.093
43	17.95	0.125

24	17.91	0.374
24	17.91	0.405
31	17.90	0.436
80	17.90	0.436
29	17.89	0.499
43	17.88	0.592
96	17.85	0.748
49	17.81	0.997
<b>Std Dev</b>	<b>17.81</b>	<b>1.000</b>
107	17.79	1.153
123	17.78	1.215
111	17.72	1.558
110	17.55	2.618
95	17.45	3.241
38	17.29	4.238
35	17.15	5.142
270	16.94	6.420

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
40	47.29	-1.317
<b>Std Dev</b>	<b>47.22</b>	<b>-1.000</b>
35	47.10	-0.454
<b>Median</b>	<b>47.00</b>	<b>0.000</b>
79	46.91	0.454
<b>Std Dev</b>	<b>46.79</b>	<b>1.000</b>
241	46.72	1.317

020.20 Total Phosphate		
Lab	Spectrometric	
31	47.17	-3.161
14	47.07	-2.361
14	47.06	-2.241
9	46.96	-1.440
<b>Std Dev</b>	<b>46.90</b>	<b>-1.000</b>
99	46.90	-0.960
61	46.87	-0.760
23	46.85	-0.560
61	46.84	-0.480
24	46.82	-0.320
244	46.79	-0.080
23	46.78	0.000
102	46.78	0.000
<b>Median</b>	<b>46.78</b>	<b>0.000</b>

24	46.77	0.080
34	46.73	0.360
32	46.71	0.520
220	46.70	0.580
Std Dev	46.65	1.000
43	46.57	1.640
43	46.45	2.641
110	46.40	3.001
270	46.31	3.721
95	45.45	10.603

020.30 Total Phosphate		
Lab	Alka. Quimociac	
111	47.00	0.000
Median	47.00	0.000

020.40 Total Phosphate		
Lab	Automated	
28	47.90	-1.261
Std Dev	47.58	-1.000
96	46.35	0.000
Median	46.35	0.000
Std Dev	45.12	1.000
28	44.61	1.419

020.50 Total Phosphate		
Lab	ICP	
9	46.99	0.000
Median	46.99	0.000

020.99 Total Phosphate		
Lab	Other	
123	48.25	-1.340
Std Dev	48.10	-1.000
Median	47.69	0.000
Std Dev	47.27	1.000
124	47.13	1.340

020.XX Total Phosphate		
Lab	Total Method	
123	48.25	-6.226
28	47.90	-4.713
40	47.29	-2.017
31	47.17	-1.513

124	47.13	-1.337
35	47.10	-1.206
14	47.07	-1.074
14	47.06	-1.008
Std Dev	47.05	-1.000
111	47.00	-0.767
9	46.99	-0.723
9	46.96	-0.570
79	46.91	-0.351
99	46.90	-0.307
61	46.87	-0.197
23	46.85	-0.088
61	46.84	-0.044
Median	46.83	0.000

24	46.82	0.044
244	46.79	0.175
23	46.78	0.219
102	46.78	0.219
24	46.77	0.263
34	46.73	0.417
241	46.72	0.460
32	46.71	0.504
220	46.70	0.537
Std Dev	46.60	1.000
43	46.57	1.118
43	46.45	1.666
110	46.40	1.863
96	46.35	2.083
270	46.31	2.258
95	45.45	6.029
28	44.61	9.734

030.10 Insoluble Phosphate		
Lab	Gravimetric Quimociac	
79	0.11	0.000
Median	0.11	0.000

030.20 Insoluble Phosphate		
Lab	Spectrometric	
24	0.33	-1.035
31	0.33	-1.035
61	0.33	-1.035
Std Dev	0.33	-1.000
24	0.31	-0.731

43	0.28	-0.457
43	0.27	-0.268
32	0.25	0.000
Median	0.25	0.000
61	0.24	0.122
23	0.20	0.609
23	0.20	0.609
Std Dev	0.16	1.000
123	0.14	1.279
14	0.12	1.523
14	0.12	1.523

030.40 Insoluble Phosphate		
Lab	Automated	
34	0.24	-2.680
Std Dev	0.23	-1.000
9	0.22	0.000
9	0.22	0.000
Median	0.22	0.000

030.99 Insoluble Phosphate		
Lab	Other	
28	0.20	-1.251
Std Dev	0.19	-1.000
28	0.16	0.000
Median	0.16	0.000
Std Dev	0.13	1.000
124	0.12	1.429

030.XX Insoluble Phosphate		
Lab	Total Method	
24	0.33	-1.272
31	0.33	-1.272
61	0.33	-1.272
Std Dev	0.31	-1.000
24	0.31	-0.983
43	0.28	-0.723
43	0.27	-0.544
32	0.25	-0.289
34	0.24	-0.231
61	0.24	-0.173
9	0.22	0.000
9	0.22	0.000
Median	0.22	0.000

23	0.20	0.289
23	0.20	0.289
28	0.20	0.289
28	0.16	0.694
123	0.14	0.925
Std Dev	0.13	1.000
14	0.12	1.156
14	0.12	1.156
124	0.12	1.156
79	0.11	1.284

040.10 Indirect Available Phosphate		
Lab	Gravimetric Quimociac	
79	46.72	0.000
Median	46.72	0.000

040.20 Indirect Available Phosphate		
Lab	Spectrometric	
123	48.11	-5.333
14	46.95	-1.220
14	46.94	-1.166
Std Dev	46.89	-1.000
31	46.84	-0.828
23	46.65	-0.151
61	46.64	-0.098
Median	46.61	0.000
23	46.58	0.098
24	46.51	0.347
61	46.51	0.365
24	46.44	0.614
Std Dev	46.33	1.000
43	46.31	1.077
43	46.16	1.594

040.40 Indirect Available Phosphate		
Lab	Automated	
28	44.41	0.000
Median	44.41	0.000

040.50 Indirect Available Phosphate		
Lab	ICP	
9	46.77	0.000
Median	46.77	0.000

040.99 Indirect Available Phosphate		
Lab		Other
124	47.01	-2.420
<b>Std Dev</b>	<b>46.68</b>	<b>-1.000</b>
34	46.49	-0.163
<b>Median</b>	<b>46.45</b>	<b>0.000</b>
38	46.42	0.163
<b>Std Dev</b>	<b>46.22</b>	<b>1.000</b>
9	46.00	1.964

040.XX Indirect Available Phosphate		
Lab		Total Method
123	48.11	-5.378
124	47.01	-1.516
14	46.95	-1.305
14	46.94	-1.252
<b>Std Dev</b>	<b>46.86</b>	<b>-1.000</b>
31	46.84	-0.917
9	46.77	-0.670
79	46.72	-0.476
23	46.65	-0.247
61	46.64	-0.194
23	46.58	0.000
<b>Median</b>	<b>46.58</b>	<b>0.000</b>
24	46.51	0.247
61	46.51	0.264
34	46.49	0.317
24	46.44	0.511
38	46.42	0.582
43	46.31	0.970
<b>Std Dev</b>	<b>46.30</b>	<b>1.000</b>
43	46.16	1.481
9	46.00	2.045
28	44.41	7.652

041.10 Direct Available Phosphate		
Lab		Gravimetric Quimociac
39	47.03	-1.679
47	46.99	-1.266
<b>Std Dev</b>	<b>46.97</b>	<b>-1.000</b>
44	46.90	-0.206
<b>Median</b>	<b>46.88</b>	<b>0.000</b>
107	46.87	0.206
119	46.85	0.383

<b>Std Dev</b>	<b>46.80</b>	<b>1.000</b>
49	46.46	4.977

041.20 Direct Available Phosphate		
Lab		Spectrometric
47	46.73	-1.340
<b>Std Dev</b>	<b>46.63</b>	<b>-1.000</b>
<b>Median</b>	<b>46.36</b>	<b>0.000</b>
<b>Std Dev</b>	<b>46.09</b>	<b>1.000</b>
220	46.00	1.340

041.40 Direct Available Phosphate		
Lab		Automated
39	46.97	-1.340
<b>Std Dev</b>	<b>46.92</b>	<b>-1.000</b>
<b>Median</b>	<b>46.78</b>	<b>0.000</b>
<b>Std Dev</b>	<b>46.65</b>	<b>1.000</b>
49	46.60	1.340

041.50 Direct Available Phosphate		
Lab		ICP
66	46.53	-0.670
14	46.46	-0.186
80	46.45	-0.112
<b>Median</b>	<b>46.44</b>	<b>0.000</b>
14	46.42	0.112
<b>Std Dev</b>	<b>46.30</b>	<b>1.000</b>
63	46.23	1.526
63	46.18	1.898

041.60 Direct Available Phosphate		
Lab		EDTA Extract
29	47.36	-1.410
<b>Std Dev</b>	<b>47.21</b>	<b>-1.000</b>
65	47.04	-0.516
<b>Median</b>	<b>46.86</b>	<b>0.000</b>
77	46.67	0.516
64	46.55	0.851

041.XX Direct Available Phosphate		
Lab		Total Method
29	47.36	-2.118
65	47.04	-1.183
39	47.03	-1.139

47	46.99	-1.037
<b>Std Dev</b>	<b>46.98</b>	<b>-1.000</b>
39	46.97	-0.964
44	46.90	-0.774
107	46.87	-0.672
119	46.85	-0.628
47	46.73	-0.263
77	46.67	-0.102
<b>Median</b>	<b>46.64</b>	<b>0.000</b>
49	46.60	0.102
64	46.55	0.248
66	46.53	0.321
14	46.46	0.511
49	46.46	0.511
80	46.45	0.540
14	46.42	0.628
<b>Std Dev</b>	<b>46.29</b>	<b>1.000</b>
63	46.23	1.183
63	46.18	1.329
220	46.00	1.855

048.10 Water Soluble Phosphate		
Lab		Gravimetric Quimociac
79	41.78	0.000
<b>Median</b>	<b>41.78</b>	<b>0.000</b>

048.20 Water Soluble Phosphate		
Lab		Spectrometric
31	42.36	-1.293
23	42.32	-1.193
<b>Std Dev</b>	<b>42.24</b>	<b>-1.000</b>
24	42.13	-0.728
23	42.10	-0.640
32	42.02	-0.452
24	42.01	-0.427
43	41.87	-0.075
<b>Median</b>	<b>41.84</b>	<b>0.000</b>
43	41.81	0.075
220	41.70	0.343
14	41.57	0.690
14	41.54	0.766
<b>Std Dev</b>	<b>41.44</b>	<b>1.000</b>
61	41.42	1.067
61	41.39	1.130

244	40.46	3.477
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048.30 Water Soluble Phosphate		
Lab		Alka. Quimociac
111	40.58	0.000
<b>Median</b>	<b>40.58</b>	<b>0.000</b>

048.99 Water Soluble Phosphate		
Lab		Other
123	44.05	-3.181
<b>Std Dev</b>	<b>42.68</b>	<b>-1.000</b>
9	42.24	-0.302
<b>Median</b>	<b>42.05</b>	<b>0.000</b>
34	41.86	0.302
124	41.82	0.366

048.XX Water Soluble Phosphate		
Lab		Total Method
123	44.05	-5.421
31	42.36	-1.263
23	42.32	-1.165
<b>Std Dev</b>	<b>42.25</b>	<b>-1.000</b>
9	42.24	-0.981
24	42.13	-0.711
23	42.10	-0.626
32	42.02	-0.442
24	42.01	-0.417
43	41.87	-0.074
34	41.86	-0.049
<b>Median</b>	<b>41.84</b>	<b>0.000</b>
124	41.82	0.049
43	41.81	0.074
79	41.78	0.159
220	41.70	0.335
14	41.57	0.675
14	41.54	0.748
<b>Std Dev</b>	<b>41.43</b>	<b>1.000</b>
61	41.42	1.043
61	41.39	1.104
111	40.58	3.103
244	40.46	3.398

050.50 %K <sub>2</sub> O Soluble Potash		
Lab		ICP(Oxalate)

270	0.27	-2.680
Std Dev	0.19	-1.000
23	0.14	0.000
23	0.14	0.000
Median	0.14	0.000

050.51	%K <sub>2</sub> O	Soluble Potash
Lab		ICP(Citrate)
124	0.12	0.000
Median	0.12	0.000

050.99	%K <sub>2</sub> O	Soluble Potash
Lab		Other
61	0.14	-3.362
61	0.14	-2.592
Std Dev	0.12	-1.000
102	0.12	-0.851
24	0.12	-0.281
43	0.12	0.000
Median	0.12	0.000
43	0.12	0.102
24	0.12	0.489
Std Dev	0.11	1.000
28	0.10	2.799
28	0.10	3.569

050.XX	%K <sub>2</sub> O	Soluble Potash
Lab		Total Method
270	0.27	0.000
61	0.14	0.000
23	0.14	0.000
23	0.14	0.000
61	0.14	0.000
Std Dev	0.00	-1.000
102	0.12	0.000
124	0.12	0.000
Median	0.00	0.000
24	0.12	0.000
43	0.12	0.000
43	0.12	0.000
24	0.12	0.000
Std Dev	0.00	1.000
28	0.10	0.000
28	0.10	0.000

060.00	Free Water	
Lab	Vacuum Oven	
28	2.40	-1.370
Std Dev	2.31	-1.000
23	2.18	-0.477
24	2.18	-0.457
32	2.17	-0.416
31	2.16	-0.396
220	2.14	-0.294
111	2.12	-0.213
123	2.09	-0.112
24	2.08	-0.071
Median	2.06	0.000
23	2.05	0.071
9	2.00	0.274
43	1.88	0.761
34	1.85	0.863
Std Dev	1.82	1.000
14	1.82	1.005
43	1.80	1.066
79	1.79	1.127
14	1.77	1.208
28	1.76	1.228

060.10	Free Water	
Lab	Vacuum Desiccate	
61	2.46	-1.340
Std Dev	2.41	-1.000
Median	2.26	0.000
Std Dev	2.12	1.000
61	2.07	1.340

060.99	Free Water	
Lab	Other	
124	5.84	0.000
Median	5.84	0.000

060.XX	Free Water	
Lab	Total Method	
124	5.84	-15.995
61	2.46	-1.617
28	2.40	-1.361
Std Dev	2.32	-1.000

23	2.18	-0.425
24	2.18	-0.404
32	2.17	-0.362
31	2.16	-0.340
220	2.14	-0.234
111	2.12	-0.149
123	2.09	-0.043
24	2.08	0.000
Median	2.08	0.000
61	2.07	0.064
23	2.05	0.149
9	2.00	0.362
43	1.88	0.872
34	1.85	0.978
Std Dev	1.84	1.000
14	1.82	1.127
43	1.80	1.191
79	1.79	1.255
14	1.77	1.340
28	1.76	1.361

101.30	%CaO	Acid Soluble Calcium
Lab		ICP
270	0.25	-2.099
32	0.25	-1.899
61	0.24	-1.699
61	0.23	-1.300
Std Dev	0.22	-1.000
34	0.22	-0.900
31	0.21	-0.500
23	0.21	-0.300
24	0.21	-0.300
124	0.20	-0.100
Median	0.20	0.000
24	0.20	0.100
14	0.19	0.300
39	0.19	0.420
14	0.19	0.500
9	0.18	0.700
102	0.18	0.862
43	0.18	0.895
43	0.17	0.960
Std Dev	0.17	1.000
28	0.17	1.300
28	0.14	2.499

101.XX	%CaO	Acid Soluble Calcium
Lab		Total Method
270	0.25	-2.099
32	0.25	-1.899
61	0.24	-1.699
61	0.23	-1.300
Std Dev	0.22	-1.000
34	0.22	-0.900
31	0.21	-0.500
23	0.21	-0.300
23	0.21	-0.300
24	0.21	-0.300
124	0.20	-0.100
Median	0.20	0.000
24	0.20	0.100
14	0.19	0.300
39	0.19	0.420
14	0.19	0.500
9	0.18	0.700
102	0.18	0.862
43	0.18	0.895
43	0.17	0.960
Std Dev	0.17	1.000
28	0.17	1.300
28	0.14	2.499

121.30	%MgO	Acid Soluble Magnesium
Lab		ICP
124	1.38	-6.914
24	1.14	-1.769
Std Dev	1.10	-1.000
23	1.10	-0.911
23	1.10	-0.911
270	1.10	-0.911
24	1.09	-0.697
34	1.09	-0.697
9	1.07	-0.268
14	1.06	-0.054
14	1.06	-0.054
Median	1.06	0.000
28	1.06	0.054

102	1.05	0.265
61	1.05	0.268
32	1.04	0.482
61	1.04	0.482
39	1.02	0.911
<b>Std Dev</b>	<b>1.01</b>	<b>1.000</b>
28	1.01	1.126
31	1.00	1.233
43	0.97	1.983
43	0.96	2.198

  

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
124	1.38	-6.914
24	1.14	-1.769
<b>Std Dev</b>	<b>1.10</b>	<b>-1.000</b>
23	1.10	-0.911
23	1.10	-0.911
270	1.10	-0.911
24	1.09	-0.697
34	1.09	-0.697
9	1.07	-0.268
14	1.06	-0.054
14	1.06	-0.054
<b>Median</b>	<b>1.06</b>	<b>0.000</b>
28	1.06	0.054
102	1.05	0.265
61	1.05	0.268
32	1.04	0.482
61	1.04	0.482
39	1.02	0.911
<b>Std Dev</b>	<b>1.01</b>	<b>1.000</b>
28	1.01	1.126
31	1.00	1.233
43	0.97	1.983
43	0.96	2.198

  

131.00 Free Acid		
Lab	Acetone Method	Total Method
124	0.06	0.000
<b>Median</b>	<b>0.06</b>	<b>0.000</b>

  

144..01 Sulfate Sulfur (S)		
Lab	Gravimetric	Total Method
14	1.71	-0.141
14	1.71	-0.141

61	1.92	-3.102
<b>Std Dev</b>	<b>1.81</b>	<b>-1.000</b>
61	1.78	-0.207
<b>Median</b>	<b>1.77</b>	<b>0.000</b>
244	1.76	0.207
<b>Std Dev</b>	<b>1.72</b>	<b>1.000</b>
220	1.72	1.017

  

144.70 Sulfur		
Lab	Spectrometric	Total Method
14	1.71	0.000
14	1.71	0.000
<b>Median</b>	<b>1.71</b>	<b>0.000</b>

  

144.99 Sulfate Sulfur (S)		
Lab	Other	Total Method
23	1.77	-1.831
23	1.75	-1.474
34	1.74	-1.295
<b>Std Dev</b>	<b>1.72</b>	<b>-1.000</b>
9	1.69	-0.402
24	1.68	-0.223
24	1.68	-0.134
<b>Median</b>	<b>1.67</b>	<b>0.000</b>
28	1.66	0.134
32	1.65	0.313
124	1.64	0.491
<b>Std Dev</b>	<b>1.61</b>	<b>1.000</b>
270	1.59	1.385
31	1.56	1.921
28	1.49	3.171

  

144.XX Sulfate Sulfur (S)		
Lab	Total Method	Total Method
61	1.92	-3.033
61	1.78	-1.058
<b>Std Dev</b>	<b>1.77</b>	<b>-1.000</b>
23	1.77	-0.987
244	1.76	-0.776
23	1.75	-0.705
34	1.74	-0.564
220	1.72	-0.223
14	1.71	-0.141
14	1.71	-0.141

<b>Median</b>	<b>1.70</b>	<b>0.000</b>
9	1.69	0.141
24	1.68	0.282
24	1.68	0.353
28	1.66	0.564
32	1.65	0.705
124	1.64	0.846
<b>Std Dev</b>	<b>1.63</b>	<b>1.000</b>
270	1.59	1.552
31	1.56	1.975
28	1.49	2.962

  

145.99 Total Sulfur (S)		
Lab	Other	Total Method
43	1.97	-0.673
43	1.95	-0.568
111	1.92	-0.383
<b>Median</b>	<b>1.84</b>	<b>0.000</b>
220	1.77	0.383
124	1.66	0.964
<b>Std Dev</b>	<b>1.65</b>	<b>1.000</b>
102	1.60	1.278

  

145.XX Total Sulfur (S)		
Lab	Total Method	Total Method
43	1.97	-0.673
43	1.95	-0.568
111	1.92	-0.383
<b>Median</b>	<b>1.84</b>	<b>0.000</b>
220	1.77	0.383
124	1.66	0.964
<b>Std Dev</b>	<b>1.65</b>	<b>1.000</b>
102	1.60	1.278

  

151.30 Total Arsenic		
Lab	ICP	Total Method
102	<5	0.000
270	16.00	-2.480
64	15.27	-1.591
<b>Std Dev</b>	<b>14.78</b>	<b>-1.000</b>
24	14.20	-0.302
9	13.95	0.000
<b>Median</b>	<b>13.95</b>	<b>0.000</b>
28	13.70	0.302

28	13.55	0.484
<b>Std Dev</b>	<b>13.12</b>	<b>1.000</b>
124	10.00	4.779

  

151.XX Total Arsenic		
Lab	Total Method	Total Method
102	<5	0.000
270	16.00	-2.480
64	15.27	-1.591
<b>Std Dev</b>	<b>14.78</b>	<b>-1.000</b>
24	14.20	-0.302
9	13.95	0.000
<b>Median</b>	<b>13.95</b>	<b>0.000</b>
28	13.70	0.302
28	13.55	0.484
<b>Std Dev</b>	<b>13.12</b>	<b>1.000</b>
124	10.00	4.779

  

165.99 Acid Soluble Boron		
Lab	PPM	Other
124	209.00	-2.662
<b>Std Dev</b>	<b>99.68</b>	<b>-1.000</b>
24	33.90	0.000
<b>Median</b>	<b>33.90</b>	<b>0.000</b>
102	32.70	0.018

  

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
124	209.00	-2.662
<b>Std Dev</b>	<b>99.68</b>	<b>-1.000</b>
24	33.90	0.000
<b>Median</b>	<b>33.90</b>	<b>0.000</b>
102	32.70	0.018

  

181.00 Total Cadmium		
Lab	Atomic Absorbion	Total Method
220	5.94	0.000
<b>Median</b>	<b>5.94</b>	<b>0.000</b>

  

181.30 Total Cadmium		
Lab	PPM	ICP
124	6.20	-3.993
28	5.20	-1.313
<b>Std Dev</b>	<b>5.08</b>	<b>-1.000</b>

61	5.00	-0.777
61	5.00	-0.777
28	4.95	-0.643
9	4.75	-0.107
<b>Median</b>	<b>4.71</b>	<b>0.000</b>
64	4.67	0.107
102	4.52	0.523
31	4.50	0.563
43	4.50	0.563
43	4.50	0.563
270	4.50	0.563

181.99 Total Cadmium		
Lab		Other
24	5.13	0.000
<b>Median</b>	<b>5.13</b>	<b>0.000</b>

181.XX Total Cadmium		
Lab	PPM	Total Method
124	6.20	-3.066
220	5.94	-2.481
<b>Std Dev</b>	<b>5.29</b>	<b>-1.000</b>
28	5.20	-0.795
24	5.13	-0.625
61	5.00	-0.341
61	5.00	-0.341
28	4.95	-0.227
<b>Median</b>	<b>4.85</b>	<b>0.000</b>
9	4.75	0.227
64	4.67	0.409
102	4.52	0.761
31	4.50	0.795
43	4.50	0.795
43	4.50	0.795
270	4.50	0.795

190.00 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
14	1.77	-1.319
9	1.76	-1.234
14	1.76	-1.234
<b>Std Dev</b>	<b>1.75</b>	<b>-1.000</b>
124	1.74	-0.893
32	1.73	-0.723

34	1.73	-0.723
23	1.72	-0.553
23	1.71	-0.383
28	1.71	-0.298
<b>Median</b>	<b>1.69</b>	<b>0.000</b>
61	1.67	0.298
24	1.67	0.383
31	1.66	0.468
24	1.66	0.553
61	1.65	0.638
43	1.64	0.808
43	1.64	0.893
<b>Std Dev</b>	<b>1.63</b>	<b>1.000</b>
28	1.60	1.489
102	1.39	5.089

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
14	1.77	-1.319
9	1.76	-1.234
14	1.76	-1.234
<b>Std Dev</b>	<b>1.75</b>	<b>-1.000</b>
124	1.74	-0.893
32	1.73	-0.723
34	1.73	-0.723
23	1.72	-0.553
23	1.71	-0.383
28	1.71	-0.298
<b>Median</b>	<b>1.69</b>	<b>0.000</b>
61	1.67	0.298
24	1.67	0.383
31	1.66	0.468
24	1.66	0.553
61	1.65	0.638
43	1.64	0.808
43	1.64	0.893
<b>Std Dev</b>	<b>1.63</b>	<b>1.000</b>
28	1.60	1.489
102	1.39	5.089

191.30 Total Chromium		
Lab		ICP
124	124.00	-2.228
28	109.90	-1.106

28	109.35	-1.062
<b>Std Dev</b>	<b>108.57</b>	<b>-1.000</b>
270	108.00	-0.955
64	100.68	-0.372
9	100.00	-0.318
<b>Median</b>	<b>96.00</b>	<b>0.000</b>
43	92.00	0.318
61	92.00	0.318
43	91.50	0.358
61	91.50	0.358
31	89.50	0.517
102	88.90	0.565

191.99 Total Chromium		
Lab	PPM	Other
24	93.80	0.000
<b>Median</b>	<b>93.80</b>	<b>0.000</b>

191.XX Total Chromium		
Lab	PPM	Total Method
124	124.00	-2.453
28	109.90	-1.308
28	109.35	-1.263
270	108.00	-1.153
<b>Std Dev</b>	<b>106.11</b>	<b>-1.000</b>
64	100.68	-0.558
9	100.00	-0.504
24	93.80	0.000
<b>Median</b>	<b>93.80</b>	<b>0.000</b>
43	92.00	0.146
61	92.00	0.146
43	91.50	0.187
61	91.50	0.187
31	89.50	0.349
102	88.90	0.398

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
64	3.58	-2.266
28	3.30	-1.182
<b>Std Dev</b>	<b>3.25</b>	<b>-1.000</b>
270	3.10	-0.394
43	3.00	0.000
43	3.00	0.000

61	3.00	0.000
61	3.00	0.000
<b>Median</b>	<b>3.00</b>	<b>0.000</b>
9	2.85	0.591
<b>Std Dev</b>	<b>2.75</b>	<b>1.000</b>
102	2.57	1.695
124	2.00	3.941
28	0.42	10.188

202.99 Acid Soluble Cobalt		
Lab		Other
24	2.87	0.000
<b>Median</b>	<b>2.87</b>	<b>0.000</b>

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
64	3.58	-3.145
28	3.30	-1.641
<b>Std Dev</b>	<b>3.18</b>	<b>-1.000</b>
270	3.10	-0.547
43	3.00	0.000
43	3.00	0.000
61	3.00	0.000
61	3.00	0.000
<b>Median</b>	<b>3.00</b>	<b>0.000</b>
24	2.87	0.711
9	2.85	0.820
<b>Std Dev</b>	<b>2.82</b>	<b>1.000</b>
102	2.57	2.352
124	2.00	5.469
28	0.42	14.138

221.00 Acid Soluble Copper		
Lab		Atomic Absorption
220	1.24	0.000
<b>Median</b>	<b>1.24</b>	<b>0.000</b>

221.30 Acid Soluble Copper		
Lab	PPM	ICP
124	11.00	-3.025
28	9.95	-2.390
28	8.65	-1.603
<b>Std Dev</b>	<b>7.65</b>	<b>-1.000</b>
102	6.91	-0.551

43	6.00	0.000
61	6.00	0.000
61	6.00	0.000
270	6.00	0.000
Median	6.00	0.000
43	5.50	0.302
9	5.00	0.605

221.99 Acid Soluble Copper		
Lab		Other
24	6.61	0.000
Median	6.61	0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
124	11.00	-3.764
28	9.95	-2.974
28	8.65	-1.995
Std Dev	7.33	-1.000
102	6.91	-0.685
24	6.61	-0.455
43	6.00	0.000
61	6.00	0.000
61	6.00	0.000
270	6.00	0.000
Median	6.00	0.000
43	5.50	0.376
9	5.00	0.753

241.30 Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	ICP
34	1.27	-1.411
Std Dev	1.26	-1.000
24	1.24	-0.564
23	1.24	-0.423
124	1.24	-0.423
14	1.23	-0.282
23	1.23	-0.282
39	1.23	-0.141
14	1.22	0.000
24	1.22	0.000
28	1.22	0.000
Median	1.22	0.000
9	1.20	0.564

43	1.20	0.564
32	1.20	0.705
43	1.19	0.846
Std Dev	1.18	1.000
31	1.18	1.269
61	1.17	1.411
61	1.16	1.693
28	1.15	1.975
102	1.13	2.628

241.XX Acid Soluble Iron		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Total Method
34	1.27	-1.489
Std Dev	1.25	-1.000
220	1.24	-0.670
24	1.24	-0.596
23	1.24	-0.447
124	1.24	-0.447
14	1.23	-0.298
23	1.23	-0.298
39	1.23	-0.149
14	1.22	0.000
24	1.22	0.000
28	1.22	0.000
Median	1.22	0.000
9	1.20	0.596
43	1.20	0.596
32	1.20	0.744
43	1.19	0.893
Std Dev	1.19	1.000
31	1.18	1.340
61	1.17	1.489
61	1.16	1.787
28	1.15	2.084
102	1.13	2.774

251.30 Total Lead		
Lab	PPM	ICP
102	<5	0.000
124	<0.05	0.000
9	2.55	-2.518
270	2.00	-1.624
28	1.65	-1.056
Std Dev	1.62	-1.000

43	1.00	0.000
43	1.00	0.000
61	1.00	0.000
61	1.00	0.000
Median	1.00	0.000

251.99 Total Lead		
Lab		Other
24	1.37	0.000
Median	1.37	0.000

251.XX Total Lead		
Lab	PPM	Total Method
102	<5	0.000
124	<0.05	0.000
9	2.55	-2.485
270	2.00	-1.485
Std Dev	1.73	-1.000
28	1.65	-0.849
24	1.37	-0.332
Median	1.18	0.000
43	1.00	0.332
43	1.00	0.332
61	1.00	0.332
61	1.00	0.332

261.30 Acid Soluble Manganese		
Lab		ICP
124	380.00	-4.608
Std Dev	324.80	-1.000
39	313.50	-0.261
9	309.50	0.000
Median	309.50	0.000
Std Dev	294.20	1.000
102	293.00	1.079
31	272.50	2.419

261.99 Acid Soluble Manganese		
Lab	PPM	Other
28	353.90	-2.785
28	351.10	-2.626
Std Dev	322.56	-1.000
43	312.00	-0.399
43	309.50	-0.256

Median	305.00	0.000
24	300.50	0.256
61	299.00	0.342
61	296.00	0.513
Std Dev	287.44	1.000
241	73.00	13.215

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
124	380.00	-5.398
28	353.90	-3.400
28	351.10	-3.185
Std Dev	322.56	-1.000
39	313.50	-0.306
43	312.00	-0.191
9	309.50	0.000
43	309.50	0.000
Median	309.50	0.000
24	300.50	0.689
61	299.00	0.804
Std Dev	296.44	1.000
61	296.00	1.034
102	293.00	1.263
31	272.50	2.833
241	73.00	18.109

281.30 Total Mercury		
Lab	PPM	ICP
24	<0.07	0.000
124	<0.05	0.000
Median	0.00	0.000

281.99 Total Mercury		
Lab	PPM	Other
102	<.4	0.000
Median	0.00	0.000

281.XX Total Mercury		
Lab	PPM	Total Method
24	<0.07	0.000
124	<0.05	0.000
102	<.4	0.000
Median	0.00	0.000

289.30 Total Molybdenum		
Lab	PPM	ICP
124	18.00	-1.709
Std Dev	17.15	-1.000
270	17.00	-0.871
28	16.90	-0.787
28	16.80	-0.703
61	16.50	-0.452
64	15.96	0.000
Median	15.96	0.000
102	15.95	0.008
9	15.50	0.385
61	15.00	0.804
Std Dev	14.77	1.000
43	14.00	1.642
43	14.00	1.642

289.99 Total Molybdenum		
Lab	PPM	Other
24	16.95	0.000
Median	16.95	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
124	18.00	-1.543
Std Dev	17.38	-1.000
270	17.00	-0.671
24	16.95	-0.628
28	16.90	-0.584
28	16.80	-0.497
61	16.50	-0.235
Median	16.23	0.000
64	15.96	0.235
102	15.95	0.244
9	15.50	0.636
Std Dev	15.08	1.000
61	15.00	1.072
43	14.00	1.944
43	14.00	1.944

291.00 Total Nickel		
Lab		Atomic Absorbtion
241	17.00	0.000
Median	17.00	0.000

291.30 Total Nickel		
Lab		ICP
124	29.00	-8.455
28	18.05	-1.468
Std Dev	17.32	-1.000
28	17.20	-0.925
270	17.00	-0.798
64	16.77	-0.651
9	15.75	0.000
Median	15.75	0.000
43	15.00	0.479
43	15.00	0.479
61	15.00	0.479
61	15.00	0.479
102	14.20	0.989

291.99 Total Nickel		
Lab	PPM	Other
24	17.85	0.000
Median	17.85	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
124	29.00	-7.449
Std Dev	18.41	-1.000
28	18.05	-0.780
24	17.85	-0.658
28	17.20	-0.262
241	17.00	-0.140
270	17.00	-0.140
64	16.77	0.000
Median	16.77	0.000
9	15.75	0.621
Std Dev	15.13	1.000
43	15.00	1.078
43	15.00	1.078
61	15.00	1.078
61	15.00	1.078
102	14.20	1.565

301.30 Total Selenium		
Lab	PPM	ICP
102	<5	0.000

24	<0.50	0.000
124	13.00	-4.513
Std Dev	4.18	-1.000
28	1.75	-0.030
Median	1.68	0.000
28	1.60	0.030
270	0.00	0.668

301.XX Total Selenium		
Lab	PPM	Total Method
102	<5	0.000
24	<0.50	0.000
124	13.00	-4.513
Std Dev	4.18	-1.000
28	1.75	-0.030
Median	1.68	0.000
28	1.60	0.030
270	0.00	0.668

311.00 Sodium		
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
28	0.14	-1.843
Std Dev	0.13	-1.000
61	0.12	-0.503
Median	0.11	0.000
28	0.11	0.503
61	0.11	0.503

311.99 Sodium		
Lab	%Na <sub>2</sub> O	Other
23	0.16	-1.516
23	0.16	-1.365
Std Dev	0.14	-1.000
24	0.13	-0.607
24	0.11	0.000
124	0.11	0.000
Median	0.11	0.000
43	0.09	0.544
43	0.09	0.544
102	0.09	0.735

311.XX Sodium		
Lab	%Na <sub>2</sub> O	Total Method
23	0.16	-2.180

23	0.16	-1.962
28	0.14	-1.308
Std Dev	0.13	-1.000
24	0.13	-0.872
61	0.12	-0.436
24	0.11	0.000
124	0.11	0.000
Median	0.11	0.000
28	0.11	0.218
61	0.11	0.218
43	0.09	0.782
43	0.09	0.782
Std Dev	0.09	1.000
102	0.09	1.057

321.00 Acid Soluble Zinc		
Lab		Atomic Absorption
241	307.00	0.000
Median	307.00	0.000

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
28	110.85	-2.230
124	95.00	-1.046
Std Dev	94.39	-1.000
28	89.60	-0.642
64	84.56	-0.266
24	83.00	-0.149
Median	81.00	0.000
270	79.00	0.149
9	74.00	0.523
102	69.20	0.881
Std Dev	67.61	1.000
61	67.50	1.008
61	67.00	1.046

321.99 Acid Soluble Zinc		
Lab		Other
43	68.00	-1.340
Std Dev	67.87	-1.000
Median	67.50	0.000
Std Dev	67.13	1.000
43	67.00	1.340

321.XX		Acid Soluble Zinc	
Lab	PPM	Total Method	
241	307.00	-14.144	
28	110.85	-1.976	
Std Dev	95.12	-1.000	
124	95.00	-0.993	
28	89.60	-0.658	
64	84.56	-0.345	
24	83.00	-0.248	
270	79.00	0.000	
Median	79.00	0.000	
9	74.00	0.310	
102	69.20	0.608	
43	68.00	0.682	
61	67.50	0.713	
43	67.00	0.744	
61	67.00	0.744	

325.00		Fluoride	
Lab		Volumetric	
9	1.40	0.000	
Median	1.40	0.000	

325.10		Fluoride	
Lab	%	Electrode	
32	1.53	-3.734	
220	1.44	-2.065	
23	1.40	-1.362	
28	1.40	-1.362	
34	1.36	-0.747	
111	1.36	-0.659	
23	1.35	-0.483	
24	1.32	-0.044	
Median	1.32	0.000	
24	1.32	0.044	
28	1.31	0.220	
270	1.30	0.308	
14	1.30	0.395	
14	1.29	0.571	
31	1.21	1.977	
102	1.18	2.416	
124	0.15	20.517	

325.99		Fluoride	
Lab	%	Other	
61	1.13	-1.340	
Median	1.11	0.000	
61	1.10	1.340	

325.XX		Fluoride	
Lab	%	Total Method	
32	1.53	-2.174	
220	1.44	-1.214	
9	1.40	-0.860	
23	1.40	-0.809	
28	1.40	-0.809	
34	1.36	-0.455	
111	1.36	-0.405	
23	1.35	-0.303	
24	1.32	-0.051	
24	1.32	0.000	
Median	1.32	0.000	
28	1.31	0.101	
270	1.30	0.152	
14	1.30	0.202	
14	1.29	0.303	
31	1.21	1.112	
102	1.18	1.365	
61	1.13	1.922	
61	1.10	2.174	
124	0.15	11.782	