

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
123	17.26	-1.618
Std Dev	17.20	-1.000
49	17.11	0.000
Median	17.11	0.000
Std Dev	17.02	1.000
18	17.01	1.062

001.99 Ammoniacal Nitrogen		
Lab	Other	
31	17.48	-2.335
61	17.38	-1.570
124	17.35	-1.340
61	17.32	-1.072
Std Dev	17.31	-1.000
32	17.30	-0.919
24	17.29	-0.842
18	17.18	0.000
Median	17.18	0.000
23	17.15	0.191
24	17.15	0.230
23	17.14	0.268
140	17.12	0.459
119	17.08	0.727
Std Dev	17.04	1.000
38	16.33	6.509

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
31	17.48	-2.284
61	17.38	-1.565
124	17.35	-1.349
61	17.32	-1.097
Std Dev	17.30	-1.000
32	17.30	-0.953
24	17.29	-0.881
123	17.26	-0.701
18	17.18	-0.090
Median	17.16	0.000
23	17.15	0.090
24	17.15	0.126
23	17.14	0.162
140	17.12	0.342

49	17.11	0.378
119	17.08	0.594
Std Dev	17.02	1.000
18	17.01	1.086
38	16.33	6.026

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
140	17.54	-1.736
49	17.45	-1.188
Std Dev	17.42	-1.000
43	17.26	0.000
Median	17.26	0.000
43	17.23	0.152
18	17.19	0.426

010.17 Total Nitrogen		
Lab	Comprehensive	
113	17.62	0.000
Median	17.62	0.000

010.60 Total Nitrogen		
Lab	Combustion	
103	18.05	-2.534
29	17.90	-1.559
49	17.88	-1.462
47	17.83	-1.104
Std Dev	17.81	-1.000
66	17.80	-0.910
102	17.79	-0.877
65	17.76	-0.682
9	17.75	-0.617
39	17.75	-0.617
111	17.75	-0.585
77	17.74	-0.520
24	17.69	-0.195
123	17.69	-0.195
24	17.66	-0.032
Median	17.66	0.000
80	17.65	0.032
64	17.62	0.260
31	17.60	0.357
44	17.59	0.422
14	17.58	0.520

38	17.58	0.520
14	17.56	0.617
63	17.51	0.975
79	17.51	0.975
Std Dev	17.50	1.000
63	17.49	1.072
95	17.30	2.306
96	17.30	2.306
270	17.15	3.281
110	16.20	9.453

010.99 Total Nitrogen		
Lab	Other	
34	17.72	-0.678
99	17.60	-0.293
18	17.50	0.000
Median	17.50	0.000
Std Dev	17.18	1.000
40	17.16	1.047
32	17.09	1.278

010.XX Total Nitrogen		
Lab	Total Method	
103	18.05	-2.233
29	17.90	-1.489
49	17.88	-1.414
47	17.83	-1.141
Std Dev	17.80	-1.000
66	17.80	-0.993
102	17.79	-0.968
65	17.76	-0.819
9	17.75	-0.769
39	17.75	-0.769
111	17.75	-0.744
77	17.74	-0.695
34	17.72	-0.620
24	17.69	-0.447
123	17.69	-0.447
24	17.66	-0.323
80	17.65	-0.273
113	17.62	-0.124
64	17.62	-0.099
31	17.60	-0.025
99	17.60	0.000

Median	17.60	0.000
44	17.59	0.025
14	17.58	0.099
38	17.58	0.099
14	17.56	0.174
140	17.54	0.273
63	17.51	0.447
79	17.51	0.447
18	17.50	0.471
63	17.49	0.521
49	17.45	0.720
Std Dev	17.39	1.000
95	17.30	1.464
96	17.30	1.464
43	17.26	1.687
43	17.23	1.811
18	17.19	2.035
40	17.16	2.159
270	17.15	2.209
32	17.09	2.531
110	16.20	6.923

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
40	46.30	-3.147
Std Dev	45.91	-1.000
18	45.75	-0.096
Median	45.73	0.000
140	45.71	0.096
Std Dev	45.55	1.000
79	45.43	1.635

020.20 Total Phosphate		
Lab	Spectrometric	
95	46.40	-3.429
14	45.96	-1.431
14	45.96	-1.408
9	45.93	-1.272
Std Dev	45.87	-1.000
113	45.85	-0.908
18	45.80	-0.681
31	45.78	-0.591
24	45.69	-0.182
32	45.67	-0.114

34	45.66	-0.068
61	45.65	0.000
Median	45.65	0.000
23	45.58	0.295
43	45.56	0.409
24	45.54	0.477
23	45.52	0.568
110	45.50	0.659
244	45.43	0.977
Std Dev	45.42	1.000
61	45.42	1.022
43	45.40	1.136
270	45.33	1.431
102	45.04	2.771

020.30	Total Phosphate	
Lab	Alka. Quimociac	
111	45.70	0.000
Median	45.70	0.000

020.40	Total Phosphate	
Lab	Automated	
96	46.43	0.000
Median	46.43	0.000

020.50	Total Phosphate	
Lab	ICP	
9	46.05	0.000
Median	46.05	0.000

020.99	Total Phosphate	
Lab	Other	
123	46.94	-1.633
Std Dev	46.58	-1.000
124	46.03	0.000
Median	46.03	0.000
Std Dev	45.48	1.000
99	45.45	1.047

020.XX	Total Phosphate	
Lab	Total Method	
123	46.94	-3.895
96	46.43	-2.306
95	46.40	-2.228

40	46.30	-1.917
9	46.05	-1.137
124	46.03	-1.075
Std Dev	46.01	-1.000
14	45.96	-0.857
14	45.96	-0.841
9	45.93	-0.748
113	45.85	-0.499
18	45.80	-0.343
31	45.78	-0.280
18	45.75	-0.187
140	45.71	-0.078
111	45.70	-0.031
24	45.69	0.000
Median	45.69	0.000
32	45.67	0.047
34	45.66	0.078
61	45.65	0.125
23	45.58	0.327
43	45.56	0.405
24	45.54	0.452
23	45.52	0.514
110	45.50	0.577
99	45.45	0.732
79	45.43	0.795
244	45.43	0.795
61	45.42	0.826
43	45.40	0.904
Std Dev	45.36	1.000
270	45.33	1.106
102	45.04	2.026

030.40	Insoluble Phosphate	
Lab	Automated	
34	0.03	-1.340
Std Dev	0.03	-1.000
Median	0.03	0.000
Std Dev	0.03	1.000
9	0.03	1.340

030.XX	Insoluble Phosphate	
Lab	Total Method	
18	0.06	-1.180
140	0.06	-1.180
Std Dev	0.06	-1.000
14	0.06	-0.843
14	0.06	-0.843
32	0.06	-0.843
43	0.05	-0.809
61	0.05	-0.506
24	0.05	-0.169
79	0.05	-0.169
Median	0.04	0.000
23	0.04	0.169
31	0.04	0.169
43	0.04	0.303
23	0.04	0.506
24	0.04	0.506
34	0.03	0.641
61	0.03	0.843
113	0.03	0.843
Std Dev	0.03	1.000

030.10	Insoluble Phosphate	
Lab	Gravimetric Quimociac	
79	0.05	0.000
Median	0.05	0.000

030.20	Insoluble Phosphate	
Lab	Spectrometric	
18	0.06	-1.086
140	0.06	-1.086
Std Dev	0.06	-1.000
14	0.06	-0.724
14	0.06	-0.724

32	0.06	-0.724
43	0.05	-0.688
61	0.05	-0.362
24	0.05	0.000
Median	0.05	0.000
23	0.04	0.362
31	0.04	0.362
43	0.04	0.507
23	0.04	0.724
24	0.04	0.724
Std Dev	0.03	1.000
61	0.03	1.086
113	0.03	1.086

030.40	Insoluble Phosphate	
Lab	Automated	
34	0.03	-1.340
Std Dev	0.03	-1.000
Median	0.03	0.000
Std Dev	0.03	1.000
9	0.03	1.340

030.XX	Insoluble Phosphate	
Lab	Total Method	
18	0.06	-1.180
140	0.06	-1.180
Std Dev	0.06	-1.000
14	0.06	-0.843
14	0.06	-0.843
32	0.06	-0.843
43	0.05	-0.809
61	0.05	-0.506
24	0.05	-0.169
79	0.05	-0.169
Median	0.04	0.000
23	0.04	0.169
31	0.04	0.169
43	0.04	0.303
23	0.04	0.506
24	0.04	0.506
34	0.03	0.641
61	0.03	0.843
113	0.03	0.843
Std Dev	0.03	1.000

9	0.03	1.180
040.10	Indirect Available Phosphate	
Lab	Gravimetric Quimociac	
140	45.65	-1.340
Std Dev	45.62	-1.000
Median	45.52	0.000
Std Dev	45.42	1.000
79	45.39	1.340

040.20	Indirect Available Phosphate	
Lab	Spectrometric	
123	46.94	-5.962
14	45.91	-1.283
14	45.90	-1.261
Std Dev	45.84	-1.000
113	45.82	-0.874
18	45.74	-0.511
31	45.74	-0.511
24	45.65	-0.125
Median	45.62	0.000
61	45.60	0.125
23	45.54	0.375
43	45.52	0.488
24	45.50	0.579
23	45.49	0.625
Std Dev	45.40	1.000
61	45.39	1.056
43	45.34	1.283

040.99	Indirect Available Phosphate	
Lab	Other	
38	46.35	-1.918
Std Dev	46.16	-1.000
9	46.02	-0.295
Median	45.96	0.000
9	45.90	0.295
Std Dev	45.76	1.000
34	45.62	1.672

040.XX	Indirect Available Phosphate	
Lab	Total Method	
123	46.94	-4.415
38	46.35	-2.405

9	46.02	-1.271
Std Dev	45.94	-1.000
14	45.91	-0.876
9	45.90	-0.859
14	45.90	-0.859
113	45.82	-0.567
18	45.74	-0.292
31	45.74	-0.292
24	45.65	0.000
140	45.65	0.000
Median	45.65	0.000
34	45.62	0.103
61	45.60	0.189
23	45.54	0.378
43	45.52	0.464
24	45.50	0.533
23	45.49	0.567
61	45.39	0.893
79	45.39	0.911
Std Dev	45.36	1.000
43	45.34	1.065

041.10	Direct Available Phosphate	
Lab	Gravimetric Quimociac	
47	46.14	-1.492
119	46.09	-1.264
Std Dev	46.04	-1.000
44	45.86	-0.101
Median	45.84	0.000
39	45.82	0.101
65	45.75	0.455
49	45.72	0.632

041.20	Direct Available Phosphate	
Lab	Spectrometric	
47	45.47	0.000
Median	45.47	0.000

041.40	Direct Available Phosphate	
Lab	Automated	
103	46.56	-2.135
Std Dev	46.17	-1.000
39	45.84	0.000
Median	45.84	0.000

49	45.65	0.545
041.50	Direct Available Phosphate	
Lab	ICP	
80	47.20	-5.600
66	46.07	-1.576
Std Dev	45.91	-1.000
63	45.66	-0.116
Median	45.63	0.000
14	45.60	0.116
63	45.59	0.134
14	45.56	0.258

041.60	Direct Available Phosphate	
Lab	EDTA Extract	
29	46.27	-2.221
Std Dev	46.03	-1.000
65	45.83	0.000
Median	45.83	0.000
77	45.74	0.459

041.XX	Direct Available Phosphate	
Lab	Total Method	
80	47.20	-4.351
103	46.56	-2.333
29	46.27	-1.403
Std Dev	46.14	-1.000
47	46.14	-0.993
119	46.09	-0.851
66	46.07	-0.788
44	45.86	-0.126
39	45.84	-0.047
65	45.83	-0.032
39	45.82	0.000
Median	45.82	0.000
65	45.75	0.221
77	45.74	0.252
49	45.72	0.331
63	45.66	0.504
49	45.65	0.536
14	45.60	0.709
63	45.59	0.725
14	45.56	0.836
Std Dev	45.50	1.000

47	45.47	1.119
048.10	Water Soluble Phosphate	
Lab	Gravimetric Quimociac	
140	41.29	-1.340
Std Dev	41.19	-1.000
Median	40.89	0.000
Std Dev	40.60	1.000
79	40.50	1.340

048.20	Water Soluble Phosphate	
Lab	Spectrometric	
123	42.75	-4.138
31	41.78	-1.590
113	41.62	-1.169
Std Dev	41.56	-1.000
32	41.52	-0.893
18	41.44	-0.696
124	41.41	-0.617
23	41.29	-0.302
23	41.24	-0.158
24	41.18	0.000
Median	41.18	0.000
43	41.11	0.171
24	41.10	0.210
14	40.94	0.631
43	40.93	0.644
14	40.93	0.657
Std Dev	40.79	1.000
61	40.54	1.682
61	40.53	1.708
244	40.08	2.890

048.30	Water Soluble Phosphate	
Lab	Alka. Quimociac	
111	40.56	0.000
Median	40.56	0.000

048.99	Water Soluble Phosphate	
Lab	Other	
9	41.62	-1.340
Std Dev	41.54	-1.000
Median	41.29	0.000
Std Dev	41.04	1.000

34	40.95	1.340
048.XX	Water Soluble Phosphate	
Lab	Total Method	
123	42.75	-4.255
31	41.78	-1.687
9	41.62	-1.264
113	41.62	-1.264
Std Dev	41.52	-1.000
32	41.52	-0.986
18	41.44	-0.787
124	41.41	-0.708
23	41.29	-0.390
140	41.29	-0.390
23	41.24	-0.245
24	41.18	-0.086
Median	41.14	0.000
43	41.11	0.086
24	41.10	0.126
34	40.95	0.510
14	40.94	0.549
43	40.93	0.562
14	40.93	0.576
Std Dev	40.76	1.000
111	40.56	1.542
61	40.54	1.608
61	40.53	1.634
79	40.50	1.714
244	40.08	2.826

050.50	%K ₂ O	Soluble Potash
Lab		ICP(Oxalate)
270	0.70	-2.656
Std Dev	0.35	-1.000
23	0.14	0.000
Median	0.14	0.000
23	0.14	0.024

050.99	%K ₂ O	Soluble Potash
Lab		Other
61	0.16	-2.311
61	0.16	-2.311
Std Dev	0.14	-1.000
102	0.13	-0.018

43	0.13	0.000
Median	0.13	0.000
43	0.13	0.044
24	0.13	0.307
Std Dev	0.12	1.000
24	0.12	1.354

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
270	0.70	0.000
61	0.16	0.000
61	0.16	0.000
23	0.14	0.000
Std Dev	0.00	-1.000
23	0.14	0.000
Median	0.00	0.000
102	0.13	0.000
43	0.13	0.000
43	0.13	0.000
24	0.13	0.000
Std Dev	0.00	1.000
24	0.12	0.000

060.00 Free Water		
Lab		Vacuum Oven
32	3.11	-1.299
Std Dev	3.03	-1.000
140	3.01	-0.907
23	2.92	-0.536
31	2.91	-0.495
24	2.91	-0.474
23	2.89	-0.412
43	2.88	-0.371
111	2.84	-0.186
123	2.82	-0.124
43	2.79	0.000
Median	2.79	0.000
24	2.79	0.021
18	2.72	0.289
9	2.63	0.680
113	2.58	0.886
34	2.57	0.907
124	2.55	0.990
Std Dev	2.55	1.000

14	2.54	1.031
79	2.50	1.216
14	2.45	1.422

060.10 Free Water		
Lab		Vacuum Desiccate
61	3.09	-1.340
Std Dev	3.06	-1.000
Median	2.98	0.000
Std Dev	2.90	1.000
61	2.88	1.340

060.XX Free Water		
Lab		Total Method
32	3.11	-1.157
61	3.09	-1.076
Std Dev	3.07	-1.000
140	3.01	-0.772
23	2.92	-0.406
31	2.91	-0.365
24	2.91	-0.345
23	2.89	-0.284
43	2.88	-0.244
61	2.88	-0.223
111	2.84	-0.061
123	2.82	0.000
Median	2.82	0.000
43	2.79	0.122
24	2.79	0.142
18	2.72	0.406
9	2.63	0.792
113	2.58	0.995
Std Dev	2.57	1.000
34	2.57	1.015
124	2.55	1.096
14	2.54	1.137
79	2.50	1.320
14	2.45	1.523

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
61	0.37	-2.441
24	0.34	-1.315
24	0.33	-1.127

Std Dev	0.33	-1.000
14	0.31	-0.376
14	0.31	-0.376
34	0.31	-0.376
61	0.31	-0.376
32	0.31	-0.188
23	0.30	0.000
23	0.30	0.000
Median	0.30	0.000
31	0.30	0.188
9	0.29	0.563
39	0.28	0.680
102	0.28	0.802
Std Dev	0.27	1.000
124	0.27	1.127
43	0.27	1.272
43	0.27	1.275
270	0.25	1.878
44	0.00	11.268

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
61	0.37	-2.441
24	0.34	-1.315
24	0.33	-1.127
Std Dev	0.33	-1.000
14	0.31	-0.376
14	0.31	-0.376
34	0.31	-0.376
61	0.31	-0.376
32	0.31	-0.188
23	0.30	0.000
23	0.30	0.000
Median	0.30	0.000
31	0.30	0.188
9	0.29	0.563
39	0.28	0.680
102	0.28	0.802
Std Dev	0.27	1.000
124	0.27	1.127
43	0.27	1.272
43	0.27	1.275
270	0.25	1.878
44	0.00	11.268

121.00 Acid Soluble Magnesium		
Lab	%MgO	Atomic Absorption
18	1.53	0.000
Median	1.53	0.000

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
44	2.76	-15.302
270	1.61	-2.046
Std Dev	1.52	-1.000
24	1.51	-0.951
24	1.51	-0.893
23	1.49	-0.663
124	1.49	-0.663
23	1.48	-0.548
102	1.46	-0.315
34	1.45	-0.202
9	1.44	-0.029
Median	1.43	0.000
14	1.43	0.029
32	1.42	0.144
14	1.42	0.202
39	1.40	0.432
31	1.38	0.663
61	1.37	0.720
Std Dev	1.35	1.000
43	1.33	1.239
43	1.32	1.354
61	1.31	1.412
79	0.69	8.616

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
44	2.76	-15.439
270	1.61	-2.039
18	1.53	-1.049
Std Dev	1.52	-1.000
24	1.52	-0.932
24	1.51	-0.874
23	1.49	-0.641
124	1.49	-0.641
23	1.48	-0.524
102	1.46	-0.289

34	1.45	-0.175
9	1.44	0.000
Median	1.44	0.000
14	1.43	0.058
32	1.42	0.175
14	1.42	0.233
39	1.40	0.466
31	1.38	0.699
61	1.37	0.757
Std Dev	1.35	1.000
43	1.33	1.282
43	1.32	1.398
61	1.31	1.457
79	0.69	8.739

144..01 Sulfate Sulfur (S)		
Lab		Gravimetric
61	1.37	-2.680
Std Dev	1.33	-1.000
18	1.32	-0.128
Median	1.31	0.000
61	1.31	0.128
Std Dev	1.29	1.000
244	1.28	1.914

144.70 Sulfur		
Lab		Spectrometric
14	1.27	-1.340
Std Dev	1.26	-1.000
Median	1.26	0.000
Std Dev	1.26	1.000
14	1.26	1.340

144.99 Sulfate Sulfur (S)		
Lab		Other
24	3.95	-27.028
24	3.88	-26.320
Std Dev	1.38	-1.000
124	1.37	-0.935
34	1.29	-0.126
23	1.29	-0.076
Median	1.28	0.000
23	1.27	0.076
9	1.25	0.329

32	1.21	0.699
Std Dev	1.18	1.000
31	1.16	1.188
270	1.15	1.289

144.XX Sulfate Sulfur (S)		
Lab		Total Method
24	3.95	-47.704
24	3.88	-46.453
124	1.37	-1.608
61	1.37	-1.519
Std Dev	1.34	-1.000
18	1.32	-0.625
61	1.31	-0.536
34	1.29	-0.179
23	1.29	-0.089
Median	1.28	0.000
244	1.28	0.089
23	1.27	0.179
14	1.27	0.268
14	1.26	0.447
9	1.25	0.625
Std Dev	1.22	1.000
32	1.21	1.280
31	1.16	2.144
270	1.15	2.323

145.99 Total Sulfur (S)		
Lab		Other
111	1.46	-0.742
43	1.43	-0.585
43	1.42	-0.559
Median	1.31	0.000
102	1.21	0.559
63	1.16	0.829
63	1.15	0.881

145.XX Total Sulfur (S)		
Lab		Total Method
111	1.46	-0.742
43	1.43	-0.585
43	1.42	-0.559
Median	1.31	0.000
102	1.21	0.559

63	1.16	0.829
63	1.15	0.881

151.30 Total Arsenic		
Lab		ICP
102	<5	0.000
9	13.00	-0.720
24	12.00	-0.240
270	12.00	-0.240
79	11.50	0.000
Median	11.50	0.000
64	9.42	0.999
Std Dev	9.42	1.000
61	9.00	1.201
124	7.00	2.161

151.99 Total Arsenic		
Lab		Other
18	12.00	0.000
Median	12.00	0.000

151.XX Total Arsenic		
Lab		Total Method
102	<5	0.000
9	13.00	-0.624
18	12.00	-0.125
24	12.00	-0.125
270	12.00	-0.125
Median	11.75	0.000
79	11.50	0.125
Std Dev	9.75	1.000
64	9.42	1.163
61	9.00	1.372
124	7.00	2.371

165.00 Acid Soluble Boron		
Lab		Spectrometric
18	95.00	0.000
Median	95.00	0.000

165.99 Acid Soluble Boron		
Lab	PPM	Other
124	399.00	-2.670
Std Dev	175.69	-1.000

102	42.00	0.000
Median	42.00	0.000
24	40.70	0.010

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
124	399.00	-3.424
Std Dev	165.01	-1.000
18	95.00	-0.275
Median	68.50	0.000
102	42.00	0.275
24	40.70	0.288

181.00 Total Cadmium		
Lab		Atomic Absorbion
18	4.05	0.000
Median	4.05	0.000

181.30 Total Cadmium		
Lab	PPM	ICP
270	18.50	-77.720
Std Dev	4.19	-1.000
9	4.00	0.000
61	4.00	0.000
61	4.00	0.000
79	4.00	0.000
124	4.00	0.000
Median	4.00	0.000
Std Dev	3.81	1.000
102	3.75	1.340
43	3.60	2.144
43	3.55	2.412

181.99 Total Cadmium		
Lab		Other
24	4.09	0.000
Median	4.09	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
270	18.50	-129.533
Std Dev	4.11	-1.000
24	4.09	-0.759
18	4.05	-0.447

9	4.00	0.000
61	4.00	0.000
61	4.00	0.000
79	4.00	0.000
124	4.00	0.000
Median	4.00	0.000
Std Dev	3.89	1.000
102	3.75	2.233
43	3.60	3.573
43	3.55	4.020

190.00 Lab	%Al ₂ O ₃	Aluminum ICP
124	1.61	-2.055
32	1.59	-1.608
Std Dev	1.55	-1.000
14	1.55	-0.983
9	1.54	-0.804
34	1.54	-0.804
14	1.51	-0.268
24	1.51	-0.268
23	1.50	-0.089
31	1.50	0.000
Median	1.50	0.000
43	1.49	0.179
23	1.48	0.268
43	1.47	0.447
24	1.47	0.536
Std Dev	1.44	1.000
61	1.43	1.161
61	1.39	1.876
102	1.20	5.281
79	0.45	18.760

190.99 Lab	%Al ₂ O ₃	Aluminum Atomic Absorption
18	1.60	0.000
Median	1.60	0.000

190.XX Lab	%Al ₂ O ₃	Aluminum Total Method
124	1.61	-2.044
18	1.60	-1.862
32	1.59	-1.590

Std Dev	1.55	-1.000
14	1.55	-0.954
9	1.54	-0.772
34	1.54	-0.772
14	1.51	-0.227
24	1.51	-0.227
23	1.50	-0.045
Median	1.50	0.000
31	1.50	0.045
43	1.49	0.227
23	1.48	0.318
43	1.47	0.500
24	1.47	0.591
Std Dev	1.44	1.000
61	1.43	1.226
61	1.39	1.953
102	1.20	5.416
79	0.45	19.123

191.00 Lab	Total Chromium Atomic Absorption
18	120.00 0.000
Median	120.00 0.000

191.30 Lab	Total Chromium ICP
79	209.50 -12.392
270	119.00 -1.660
9	115.00 -1.186
Std Dev	113.43 -1.000
64	112.70 -0.913
102	106.00 -0.119
Median	105.00 0.000
61	104.00 0.119
43	103.50 0.178
43	103.00 0.237
61	100.00 0.593
31	98.50 0.771

191.99 Lab	PPM	Total Chromium Other
124	110.00	-1.340
Std Dev	109.68	-1.000
Median	108.75	0.000

Std Dev	107.82	1.000
24	107.50	1.340

191.XX Lab	PPM	Total Chromium Total Method
79	209.50	-11.885
18	120.00	-1.457
270	119.00	-1.340
Std Dev	116.08	-1.000
9	115.00	-0.874
64	112.70	-0.606
124	110.00	-0.291
24	107.50	0.000
Median	107.50	0.000
102	106.00	0.175
61	104.00	0.408
43	103.50	0.466
43	103.00	0.524
61	100.00	0.874
Std Dev	98.92	1.000
31	98.50	1.049

202.00 Lab	Acid Soluble Cobalt Atomic Absorption
18	<5 0.000
Median	0.00 0.000

202.30 Lab	PPM	Acid Soluble Cobalt ICP
64	4.39	0.225
9	4.20	0.225
43	4.00	0.000
43	4.00	0.000
61	4.00	0.000
61	4.00	0.000
124	4.00	0.000
Median	4.00	0.000
270	3.70	0.225
102	3.65	0.225

202.99 Lab	Acid Soluble Cobalt Other
24	4.06 0.000
Median	4.06 0.000

202.XX Lab	PPM	Acid Soluble Cobalt Total Method
18	<5	0.000
64	4.39	-12.669
9	4.20	-6.497
24	4.06	-1.787
Std Dev	4.03	-1.000
43	4.00	0.000
43	4.00	0.000
61	4.00	0.000
61	4.00	0.000
124	4.00	0.000
Median	4.00	0.000
Std Dev	3.97	1.000
270	3.70	9.745
102	3.65	11.370

221.00 Lab	Acid Soluble Copper Atomic Absorption
18	1.85 0.000
Median	1.85 0.000

221.30 Lab	PPM	Acid Soluble Copper ICP
61	5.00	-8.040
102	2.65	-1.742
Std Dev	2.37	-1.000
61	2.00	0.000
124	2.00	0.000
270	2.00	0.000
Median	2.00	0.000
9	1.75	0.670
Std Dev	1.63	1.000
43	1.50	1.340
43	1.50	1.340
44	0.00	5.360

221.99 Lab	Acid Soluble Copper Other
24	2.36 0.000
Median	2.36 0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
18	<2.5	0.000
61	5.00	-5.682
102	2.65	-1.231
Std Dev	2.53	-1.000
24	2.36	-0.682
61	2.00	0.000
124	2.00	0.000
270	2.00	0.000
Median	2.00	0.000
9	1.75	0.473
43	1.50	0.947
43	1.50	0.947
Std Dev	1.47	1.000
44	0.00	3.788

241.30 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	ICP
44	3.53	-24.567
124	2.00	-4.437
34	1.77	-1.413
39	1.74	-1.019
Std Dev	1.74	-1.000
102	1.71	-0.595
23	1.71	-0.559
24	1.71	-0.559
23	1.69	-0.296
14	1.68	-0.230
9	1.67	-0.099
Median	1.66	0.000
14	1.66	0.099
24	1.65	0.230
31	1.63	0.427
43	1.62	0.559
43	1.61	0.690
Std Dev	1.59	1.000
32	1.59	1.019
61	1.57	1.282
270	1.51	2.005
61	1.50	2.136
79	0.68	12.981

241.XX Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Total Method
44	3.53	-25.517
124	2.00	-4.524
18	1.85	-2.399
34	1.77	-1.371
Std Dev	1.74	-1.000
39	1.74	-0.960
102	1.71	-0.517
23	1.71	-0.480
24	1.71	-0.480
23	1.69	-0.206
14	1.68	-0.137
9	1.67	0.000
Median	1.67	0.000
14	1.66	0.206
24	1.65	0.343
31	1.63	0.548
43	1.62	0.685
43	1.61	0.823
Std Dev	1.60	1.000
32	1.59	1.165
61	1.57	1.439
270	1.51	2.193
61	1.50	2.330
79	0.68	13.640

251.00 Total Lead		
Lab	Atomic Absorbtion	
18	2.05	0.000
Median	2.05	0.000

251.30 Total Lead		
Lab	PPM	ICP
102	<5	0.000
9	4.05	-5.494
124	4.00	-5.360
Std Dev	2.37	-1.000
43	2.00	0.000
43	2.00	0.000
61	2.00	0.000
61	2.00	0.000
79	2.00	0.000
270	2.00	0.000

251.99 Total Lead		
Lab	Other	
24	2.25	0.000
Median	2.25	0.000

251.XX Total Lead		
Lab	PPM	Total Method
102	<5	0.000
9	4.05	-13.997
124	4.00	-13.656
24	2.25	-1.673
Std Dev	2.15	-1.000
18	2.05	-0.341
43	2.00	0.000
43	2.00	0.000
61	2.00	0.000
61	2.00	0.000
79	2.00	0.000
270	2.00	0.000
Median	2.00	0.000

261.00 Acid Soluble Manganese		
Lab	Atomic Absorption	
18	285.00	0.000
Median	285.00	0.000

261.30 Acid Soluble Manganese		
Lab	PPM	ICP
44	300.00	-2.373
Std Dev	278.74	-1.000
39	275.50	-0.791
9	266.50	-0.210
Median	263.25	0.000
102	260.00	0.210
270	250.00	0.856
Std Dev	247.76	1.000
31	239.50	1.534

261.99 Acid Soluble Manganese		
Lab	PPM	Other
124	283.00	-3.737
Std Dev	264.87	-1.000

24	262.00	-0.566
43	259.50	-0.189
Median	258.25	0.000
43	257.00	0.189
Std Dev	251.63	1.000
61	251.00	1.095
61	241.00	2.605

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
44	300.00	-2.188
18	285.00	-1.367
124	283.00	-1.258
Std Dev	278.28	-1.000
39	275.50	-0.848
9	266.50	-0.356
24	262.00	-0.109
102	260.00	0.000
Median	260.00	0.000
43	259.50	0.027
43	257.00	0.164
61	251.00	0.492
270	250.00	0.547
Std Dev	241.72	1.000
61	241.00	1.039
31	239.50	1.121

281.30 Total Mercury		
Lab	PPM	ICP
124	nd	0.000
24	<0.07	0.000
270	0.00	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
124	nd	0.000
24	<0.07	0.000
102	<.4	0.000

270	0.00	0.000
Median	0.00	0.000

289.30 Total Molybdenum		
Lab	PPM	ICP
9	9.35	-0.650
18	9.10	-0.186
61	9.00	0.000
61	9.00	0.000
124	9.00	0.000
270	9.00	0.000
Median	9.00	0.000
64	8.82	0.344
Std Dev	8.46	1.000
102	8.10	1.672
43	7.70	2.415
43	7.60	2.601

289.99 Total Molybdenum		
Lab	PPM	Other
24	9.90	0.000
Median	9.90	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
24	9.90	-2.035
Std Dev	9.44	-1.000
9	9.35	-0.792
18	9.10	-0.226
61	9.00	0.000
61	9.00	0.000
124	9.00	0.000
270	9.00	0.000
Median	9.00	0.000
64	8.82	0.418
Std Dev	8.56	1.000
102	8.10	2.035
43	7.70	2.940
43	7.60	3.166

291.00 Total Nickel		
Lab	Atomic Absorbtion	
18	13.00	0.000
Median	13.00	0.000

291.30 Total Nickel		
Lab	ICP	
270	16.00	-2.680
64	15.49	-1.990
9	15.00	-1.340
Std Dev	14.75	-1.000
43	14.00	0.000
43	14.00	0.000
61	14.00	0.000
124	14.00	0.000
Median	14.00	0.000
102	13.80	0.268
Std Dev	13.25	1.000
61	13.00	1.340

291.99 Total Nickel		
Lab	PPM	Other
24	15.35	0.000
Median	15.35	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
270	16.00	-2.102
64	15.49	-1.561
24	15.35	-1.419
9	15.00	-1.051
Std Dev	14.95	-1.000
43	14.00	0.000
43	14.00	0.000
61	14.00	0.000
124	14.00	0.000
Median	14.00	0.000
102	13.80	0.210
Std Dev	13.05	1.000
18	13.00	1.051
61	13.00	1.051

301.30 Total Selenium		
Lab	PPM	ICP
124	nd	0.000
102	<5	0.000
24	<0.50	0.000
270	0.00	0.000

Median	0.00	0.000
--------	------	-------

301.99 Total Selenium		
Lab	PPM	Other
18	0.88	0.000
Median	0.88	0.000

301.XX Total Selenium		
Lab	PPM	Total Mthod
124	nd	0.000
102	<5	0.000
24	<0.50	0.000
18	0.88	-1.340
Std Dev	0.77	-1.000
Median	0.44	0.000
270	0.00	1.340

311.00 Sodium		
Lab	%Na ₂ O	Atomic Absorbtion
61	0.19	-1.340
Std Dev	0.19	-1.000
Median	0.18	0.000
Std Dev	0.17	1.000
61	0.17	1.340

311.99 Sodium		
Lab	%Na ₂ O	Other
24	0.23	-0.950
23	0.22	-0.814
24	0.22	-0.678
23	0.21	-0.542
Median	0.19	0.000
43	0.17	0.542
102	0.17	0.624
43	0.17	0.641
124	0.16	0.817

311.XX Sodium		
Lab	%Na ₂ O	Total Method
24	0.23	-1.311
23	0.22	-1.165
24	0.22	-1.020
Std Dev	0.21	-1.000
23	0.21	-0.874

61	0.19	-0.290
Median	0.18	0.000
43	0.17	0.290
61	0.17	0.293
102	0.17	0.378
43	0.17	0.396
124	0.16	0.585

321.00 Acid Soluble Zinc		
Lab	Atomic Absorption	
18	50.50	0.000
Median	50.50	0.000

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
24	59.85	-1.360
64	59.49	-1.298
Std Dev	57.71	-1.000
102	55.15	-0.571
9	52.50	-0.126
Median	51.75	0.000
124	51.00	0.126
270	49.00	0.462
61	46.00	0.965
Std Dev	45.79	1.000
61	44.50	1.217

321.99 Acid Soluble Zinc		
Lab	Other	
43	49.00	-1.340
Std Dev	48.94	-1.000
Median	48.75	0.000
Std Dev	48.56	1.000
43	48.50	1.340

321.XX Acid Soluble Zinc		
Lab	PPM	Total Method
24	59.85	-2.469
64	59.49	-2.372
102	55.15	-1.228
Std Dev	54.29	-1.000
9	52.50	-0.528
124	51.00	-0.132
18	50.50	0.000

Median	50.50	0.000
43	49.00	0.396
270	49.00	0.396
43	48.50	0.528
Std Dev	46.71	1.000
61	46.00	1.188
61	44.50	1.584

325.00		Fluoride
Lab		Volumetric
9	2.28	0.000
Median	2.28	0.000

325.10		Fluoride
Lab	%	Electrode
32	2.46	-1.273
23	2.38	-0.823
23	2.34	-0.554
270	2.33	-0.524
24	2.27	-0.165
124	2.27	-0.165
111	2.26	-0.105
Median	2.24	0.000
24	2.23	0.105
34	2.20	0.255
31	2.19	0.344
14	2.06	1.093
14	2.05	1.183
18	2.02	1.362
102	1.92	1.961

325.99		Fluoride
Lab	%	Other
61	2.39	-1.340
Median	2.36	0.000
61	2.33	1.340

325.XX		Fluoride
Lab	%	Total Method
32	2.46	-1.710
61	2.39	-1.109
23	2.38	-1.017
23	2.34	-0.601
270	2.33	-0.554

61	2.33	-0.508
9	2.28	-0.046
24	2.27	0.000
124	2.27	0.000
Median	2.27	0.000
111	2.26	0.092
24	2.23	0.416
34	2.20	0.647
31	2.19	0.786
14	2.06	1.941
14	2.05	2.079
18	2.02	2.357
102	1.92	3.281