

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
31	11.62	-1.105
Std Dev	11.59	-1.000
79	11.49	-0.494
Median	11.38	0.000
49	11.28	0.494
Std Dev	11.17	1.000
18	11.11	1.293

001.99 Ammoniacal Nitrogen		
Lab	Other	
61	11.59	-2.577
124	11.58	-2.371
Std Dev	11.51	-1.000
61	11.50	-0.722
24	11.47	-0.103
140	11.47	0.000
Median	11.47	0.000
23	11.44	0.618
23	11.44	0.618
Std Dev	11.42	1.000
24	11.37	1.958
38	11.27	4.020

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
31	11.62	-1.546
61	11.59	-1.288
124	11.58	-1.185
Std Dev	11.56	-1.000
61	11.50	-0.361
79	11.49	-0.206
24	11.47	-0.052
140	11.47	0.000
Median	11.47	0.000
23	11.44	0.309
23	11.44	0.309
24	11.37	0.979
Std Dev	11.37	1.000
49	11.28	1.958
38	11.27	2.010
18	11.11	3.711

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
43	11.68	-1.183
Std Dev	11.67	-1.000
18	11.63	-0.418
Median	11.60	0.000
43	11.57	0.418
Std Dev	11.52	1.000
49	11.48	1.671

010.12 Total Nitrogen		
Lab	Salicylic	
107	11.46	-1.340
Std Dev	11.45	-1.000
Median	11.43	0.000
Std Dev	11.41	1.000
119	11.40	1.340

010.60 Total Nitrogen		
Lab	Combustion	
77	12.07	-2.359
Std Dev	11.74	-1.000
64	11.73	-0.952
40	11.69	-0.786
39	11.63	-0.538
31	11.62	-0.497
65	11.62	-0.497
103	11.61	-0.455
104	11.61	-0.455
42	11.60	-0.414
9	11.57	-0.290
14	11.56	-0.228
44	11.56	-0.228
102	11.54	-0.166
14	11.50	0.000
95	11.50	0.000
Median	11.50	0.000
123	11.48	0.103
38	11.47	0.124
49	11.45	0.207
80	11.45	0.207
111	11.45	0.207
99	11.29	0.869
270	11.28	0.931

41	11.27	0.952
Std Dev	11.26	1.000
35	11.23	1.118
24	11.20	1.262
24	11.15	1.449
87	11.08	1.738
66	10.90	2.504

010.99 Total Nitrogen		
Lab	Other	
113	11.51	-1.489
Std Dev	11.50	-1.000
34	11.48	0.000
Median	11.48	0.000
Std Dev	11.46	1.000
47	11.46	1.191

010.XX Total Nitrogen		
Lab	Total Method	
77	12.07	-4.774
64	11.73	-1.926
40	11.69	-1.591
43	11.68	-1.508
39	11.63	-1.089
18	11.63	-1.047
31	11.62	-1.005
65	11.62	-1.005
Std Dev	11.62	-1.000
103	11.61	-0.921
104	11.61	-0.921
42	11.60	-0.837
9	11.57	-0.586
43	11.57	-0.544
14	11.56	-0.461
44	11.56	-0.461
102	11.54	-0.335
113	11.51	-0.042
14	11.50	0.000
95	11.50	0.000
Median	11.50	0.000
34	11.48	0.167
49	11.48	0.209
123	11.48	0.209
38	11.47	0.251

47	11.46	0.335
107	11.46	0.335
49	11.45	0.419
80	11.45	0.419
111	11.45	0.419
119	11.40	0.837
Std Dev	11.38	1.000
99	11.29	1.759
270	11.28	1.884
41	11.27	1.926
35	11.23	2.261
24	11.20	2.554
24	11.15	2.931
87	11.08	3.518
66	10.90	5.067

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
103	54.15	-0.797
35	54.12	-0.594
40	54.11	-0.492
Median	54.03	0.000
18	53.96	0.492
113	53.91	0.865
Std Dev	53.89	1.000
79	53.64	2.663

020.20 Total Phosphate		
Lab	Spectrometric	
123	55.65	-3.745
220	55.20	-2.955
Std Dev	54.10	-1.000
9	53.95	-0.728
18	53.93	-0.692
43	53.88	-0.603
41	53.87	-0.586
31	53.78	-0.435
270	53.73	-0.337
34	53.70	-0.293
24	53.54	0.000
Median	53.54	0.000
23	53.44	0.177
43	53.42	0.213
23	53.35	0.328

102	53.12	0.737
24	53.11	0.754
140	53.01	0.932
Std Dev	52.97	1.000
99	52.90	1.136
95	52.70	1.482
110	50.70	5.032

020.30	Total Phosphate	
Lab	Alka. Quimociac	
111	52.37	0.000
Median	52.37	0.000

020.40	Total Phosphate	
Lab	Automated	
61	53.95	-1.340
Std Dev	53.95	-1.000
Median	53.95	0.000
Std Dev	53.94	1.000
61	53.94	1.340

020.99	Total Phosphate	
Lab	Other	
124	54.21	-0.726
14	54.15	0.000
Median	54.15	0.000
Std Dev	54.06	1.000
14	53.97	1.954

020.XX	Total Phosphate	
Lab	Total Method	
123	55.65	-4.095
220	55.20	-3.071
Std Dev	54.30	-1.000
124	54.21	-0.794
103	54.15	-0.656
14	54.15	-0.644
35	54.12	-0.587
40	54.11	-0.552
14	53.97	-0.242
18	53.96	-0.219
61	53.95	-0.196
9	53.95	-0.184
61	53.94	-0.173

18	53.93	-0.138
113	53.91	-0.092
43	53.88	-0.023
41	53.87	0.000
Median	53.87	0.000
31	53.78	0.196
270	53.73	0.322
34	53.70	0.380
79	53.64	0.518
24	53.54	0.759
23	53.44	0.989
Std Dev	53.43	1.000
43	53.42	1.035
23	53.35	1.185
102	53.12	1.714
24	53.11	1.737
140	53.01	1.967
99	52.90	2.231
95	52.70	2.680
111	52.37	3.451
110	50.70	7.281

030.10	Insoluble Phosphate	
Lab	Gravimetric Quimociac	
113	1.67	-1.340
Std Dev	1.48	-1.000
Median	0.93	0.000
Std Dev	0.38	1.000
79	0.20	1.340

030.20	Insoluble Phosphate	
Lab	Spectrometric	
43	1.04	-1.463
24	1.01	-1.342
43	1.00	-1.334
24	0.93	-1.080
Std Dev	0.90	-1.000
18	0.70	-0.344
140	0.60	-0.016
Median	0.60	0.000
14	0.59	0.016
14	0.58	0.049
9	0.55	0.147
23	0.49	0.344

23	0.46	0.442
Std Dev	0.29	1.000
31	0.06	1.768

030.40	Insoluble Phosphate	
Lab	Automated	
34	0.77	-2.062
Std Dev	0.67	-1.000
61	0.57	0.000
Median	0.57	0.000
61	0.51	0.618

030.XX	Insoluble Phosphate	
Lab	Total Method	
113	1.67	-3.487
43	1.04	-1.459
24	1.01	-1.340
43	1.00	-1.332
24	0.93	-1.082
Std Dev	0.90	-1.000
34	0.77	-0.581
18	0.70	-0.355
140	0.60	-0.032
14	0.59	0.000
Median	0.59	0.000
14	0.58	0.032
61	0.57	0.065
9	0.55	0.129
61	0.51	0.258
23	0.49	0.323
23	0.46	0.420
Std Dev	0.28	1.000
79	0.20	1.275
31	0.06	1.727

040.10	Indirect Available Phosphate	
Lab	Gravimetric Quimociac	
79	53.44	-1.340
Std Dev	53.29	-1.000
Median	52.84	0.000
Std Dev	52.39	1.000
113	52.24	1.340

040.20	Indirect Available Phosphate	
Lab	Spectrometric	
31	53.76	-1.649
Std Dev	53.41	-1.000
9	53.40	-0.975
18	53.23	-0.656
23	52.95	-0.122
23	52.89	-0.019
Median	52.88	0.000
43	52.87	0.019
24	52.53	0.656
140	52.42	0.871
43	52.38	0.946
Std Dev	52.35	1.000
24	52.19	1.303

040.40	Indirect Available Phosphate	
Lab	Automated	
61	53.44	-1.340
Std Dev	53.43	-1.000
Median	53.41	0.000
Std Dev	53.38	1.000
61	53.37	1.340

040.99	Indirect Available Phosphate	
Lab	Other	
14	53.46	-0.354
14	53.39	0.000
Median	53.39	0.000
Std Dev	53.19	1.000
34	52.93	2.326

040.XX	Indirect Available Phosphate	
Lab	Total Method	
31	53.76	-1.255
Std Dev	53.59	-1.000
14	53.46	-0.793
61	53.44	-0.762
79	53.44	-0.762
9	53.40	-0.701
14	53.39	-0.685
61	53.37	-0.655
18	53.23	-0.439
23	52.95	0.000

Median	52.95	0.000
34	52.93	0.023
23	52.89	0.085
43	52.87	0.116
24	52.53	0.639
140	52.42	0.816
43	52.38	0.878
Std Dev	52.30	1.000
113	52.24	1.094
24	52.19	1.171

041.10	Direct Available Phosphate	
Lab	Gravimetric Quimociac	
65	53.88	-1.447
Std Dev	53.71	-1.000
39	53.51	-0.456
47	53.46	-0.335
44	53.43	-0.255
104	53.34	0.000
Median	53.34	0.000
107	53.14	0.536
Std Dev	52.96	1.000
87	52.96	1.005
49	52.80	1.434
119	52.54	2.144

041.20	Direct Available Phosphate	
Lab	Spectrometric	
220	53.56	-1.340
Std Dev	53.21	-1.000
Median	52.17	0.000
Std Dev	51.13	1.000
47	50.78	1.340

041.40	Direct Available Phosphate	
Lab	Automated	
38	54.27	-1.562
Std Dev	53.88	-1.000
39	53.47	-0.412
Median	53.19	0.000
49	52.90	0.412
Std Dev	52.49	1.000
42	52.27	1.324

041.50	Direct Available Phosphate	
Lab	ICP	
80	52.70	-0.322
66	52.39	0.000
Median	52.39	0.000
Std Dev	51.43	1.000
87	50.12	2.358

041.60	Direct Available Phosphate	
Lab	EDTA Extract	
65	53.10	-1.380
Std Dev	52.95	-1.000
29	52.76	-0.546
Median	52.54	0.000
77	52.32	0.546
64	52.25	0.705

041.XX	Direct Available Phosphate	
Lab	Total Method	
38	54.27	-1.743
65	53.88	-1.234
Std Dev	53.70	-1.000
220	53.56	-0.823
39	53.51	-0.751
39	53.47	-0.705
47	53.46	-0.692
44	53.43	-0.653
104	53.34	-0.529
107	53.14	-0.268
65	53.10	-0.222
87	52.96	-0.039
Median	52.93	0.000
49	52.90	0.039
49	52.80	0.170
29	52.76	0.222
80	52.70	0.300
119	52.54	0.516
66	52.39	0.705
77	52.32	0.803
42	52.27	0.862
64	52.25	0.888
Std Dev	52.16	1.000
47	50.78	2.814
87	50.12	3.669

048.10	Water Soluble Phosphate	
Lab	Gravimetric Quimociac	
113	49.44	-1.340
Std Dev	49.36	-1.000
Median	49.12	0.000
Std Dev	48.87	1.000
79	48.79	1.340

048.20	Water Soluble Phosphate	
Lab	Spectrometric	
220	49.93	-3.031
31	49.33	-1.259
Std Dev	49.24	-1.000
18	49.14	-0.718
43	49.00	-0.308
43	48.91	-0.044
Median	48.90	0.000
23	48.88	0.044
23	48.85	0.132
24	48.58	0.923
140	48.56	0.981
Std Dev	48.55	1.000
24	48.46	1.289

048.30	Water Soluble Phosphate	
Lab	Alka. Quimociac	
111	49.09	0.000
Median	49.09	0.000

048.99	Water Soluble Phosphate	
Lab	Other	
123	50.94	-1.466
Std Dev	50.60	-1.000
61	50.36	-0.677
61	50.34	-0.650
Median	49.86	0.000
14	49.39	0.650
14	49.37	0.677
Std Dev	49.13	1.000
34	49.03	1.133

048.XX	Water Soluble Phosphate	
Lab	Total Method	

123	50.94	-4.540
61	50.36	-3.121
61	50.34	-3.072
220	49.93	-2.068
Std Dev	49.49	-1.000
113	49.44	-0.869
14	49.39	-0.734
14	49.37	-0.685
31	49.33	-0.587
18	49.14	-0.135
111	49.09	0.000
Median	49.09	0.000
34	49.03	0.135
43	49.00	0.208
43	48.91	0.428
23	48.88	0.502
23	48.85	0.575
79	48.79	0.722
Std Dev	48.68	1.000
24	48.58	1.236
140	48.56	1.285
24	48.46	1.542

050.00	Soluble Potash	
Lab	STPB Oxalate	
87	<0.1	0.000
Median	0.00	0.000

050.51	%K ₂ O	Soluble Potash
Lab		ICP(Citrate)
87	0.14	0.000
Median	0.14	0.000

050.99	Soluble Potash	
Lab	%K ₂ O	Other
23	0.17	-1.072
Std Dev	0.17	-1.000
23	0.16	-0.536
43	0.16	-0.268
102	0.15	-0.070
43	0.15	0.000
Median	0.15	0.000
24	0.14	0.536
Std Dev	0.13	1.000

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24	0.13	1.072
61	0.13	1.072
61	0.13	1.072

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
87	<0.1	0.000
23	0.17	0.000
23	0.16	0.000
Std Dev	0.00	-1.000
43	0.16	0.000
102	0.15	0.000
43	0.15	0.000
Median	0.00	0.000
24	0.14	0.000
87	0.14	0.000
24	0.13	0.000
61	0.13	0.000
61	0.13	0.000

060.00 Free Water Vacuum Oven		
Lab		
31	0.92	-3.719
24	0.84	-3.054
123	0.71	-1.974
24	0.69	-1.807
Std Dev	0.59	-1.000
113	0.59	-0.976
9	0.57	-0.852
79	0.50	-0.270
23	0.48	-0.104
34	0.47	-0.021
Median	0.47	0.000
43	0.47	0.021
18	0.46	0.062
23	0.46	0.104
111	0.44	0.270
140	0.42	0.436
43	0.40	0.602
Std Dev	0.35	1.000
14	0.33	1.143
14	0.33	1.184
220	0.29	1.475

060.10 Free Water Vacuum Desiccator		
Lab		
61	0.37	-1.340
Std Dev	0.37	-1.000
Median	0.36	0.000
Std Dev	0.34	1.000
61	0.34	1.340

060.99 Free Water Other		
Lab		
124	0.87	0.000
Median	0.87	0.000

060.XX Free Water Total Method		
Lab		
31	0.92	-3.174
124	0.87	-2.856
24	0.84	-2.609
123	0.71	-1.693
24	0.69	-1.552
Std Dev	0.61	-1.000
113	0.59	-0.846
9	0.57	-0.741
79	0.50	-0.247
23	0.48	-0.106
34	0.47	-0.035
43	0.47	0.000
Median	0.47	0.000
18	0.46	0.035
23	0.46	0.071
111	0.44	0.212
140	0.42	0.353
43	0.40	0.494
61	0.37	0.670
61	0.34	0.882
14	0.33	0.952
14	0.33	0.987
Std Dev	0.32	1.000
220	0.29	1.234

101.30 Acid Soluble Calcium ICP		
Lab	%CaO	
124	0.49	-7.016
24	0.38	-2.277

24	0.36	-1.449
23	0.35	-1.242
Std Dev	0.34	-1.000
23	0.34	-0.621
9	0.33	-0.414
31	0.33	-0.207
14	0.32	0.000
14	0.32	0.000
61	0.32	0.000
Median	0.32	0.000
34	0.31	0.414
43	0.31	0.621
102	0.30	0.720
87	0.30	0.788
61	0.30	0.828
39	0.30	0.861
Std Dev	0.30	1.000
43	0.30	1.035
79	0.25	3.104

101.XX Acid Soluble Calcium Total Method		
Lab	%CaO	
124	0.49	-7.016
24	0.38	-2.277
24	0.36	-1.449
23	0.35	-1.242
Std Dev	0.34	-1.000
23	0.34	-0.621
9	0.33	-0.414
31	0.33	-0.207
14	0.32	0.000
14	0.32	0.000
61	0.32	0.000
Median	0.32	0.000
34	0.31	0.414
43	0.31	0.621
102	0.30	0.720
87	0.30	0.788
61	0.30	0.828
39	0.30	0.861
Std Dev	0.30	1.000
43	0.30	1.035
79	0.25	3.104

121.00 Acid Soluble Magnesium Atomic Absorption		
Lab	%MgO	
18	0.70	0.000
Median	0.70	0.000

121.30 Acid Soluble Magnesium ICP		
Lab	%MgO	
24	0.81	-2.146
23	0.78	-1.482
24	0.77	-1.261
34	0.76	-1.151
102	0.76	-1.132
Std Dev	0.75	-1.000
23	0.75	-0.819
124	0.72	-0.266
79	0.72	-0.156
39	0.71	-0.065
Median	0.71	0.000
9	0.71	0.065
61	0.70	0.176
61	0.70	0.176
14	0.70	0.286
14	0.70	0.286
87	0.69	0.425
43	0.69	0.507
31	0.67	0.839
Std Dev	0.66	1.000
43	0.65	1.392

121.XX Acid Soluble Magnesium Total Method		
Lab	%MgO	
24	0.81	-2.348
23	0.78	-1.643
24	0.77	-1.409
34	0.76	-1.291
102	0.76	-1.271
Std Dev	0.75	-1.000
23	0.75	-0.939
124	0.72	-0.352
79	0.72	-0.235
39	0.71	-0.139
9	0.71	0.000
Median	0.71	0.000
61	0.70	0.117

61	0.70	0.117
14	0.70	0.235
14	0.70	0.235
18	0.70	0.235
87	0.69	0.382
43	0.69	0.470
31	0.67	0.822
Std Dev	0.66	1.000
43	0.65	1.409

144..01 Sulfate Sulfur (S)		
Lab	Gravimetric	
79	1.98	-2.534
Std Dev	1.90	-1.000
61	1.87	-0.390
Median	1.85	0.000
61	1.83	0.390
18	1.83	0.487

144.02 Sulfate Sulfur (S)		
Lab	Gravimetric	
111	1.90	0.000
Median	1.90	0.000

144.99 Sulfate Sulfur (S)		
Lab	Other	
43	1.98	-1.956
43	1.88	-1.203
Std Dev	1.85	-1.000
23	1.80	-0.564
24	1.80	-0.564
24	1.78	-0.414
220	1.78	-0.414
23	1.73	-0.075
14	1.72	0.000
34	1.72	0.000
Median	1.72	0.000
9	1.71	0.082
14	1.70	0.188
102	1.60	0.884
270	1.60	0.903
Std Dev	1.59	1.000
31	1.55	1.279
87	1.55	1.297

124	1.37	2.632
144.XX Sulfate Sulfur (S)		
Lab	Total Method	
43	1.98	-2.035
79	1.98	-2.035
111	1.90	-1.241
43	1.88	-1.042
Std Dev	1.88	-1.000
61	1.87	-0.943
61	1.83	-0.546
18	1.83	-0.496
23	1.80	-0.199
24	1.80	-0.199
24	1.78	0.000
220	1.78	0.000
Median	1.78	0.000
23	1.73	0.447
14	1.72	0.546
34	1.72	0.546
9	1.71	0.655
14	1.70	0.794
Std Dev	1.67	1.000
102	1.60	1.713
270	1.60	1.737
31	1.55	2.233
87	1.55	2.258
124	1.37	4.020

151.30 Total Arsenic		
Lab	ICP	
64	BDL	0.000
102	<5	0.000
79	9.00	-0.841
31	8.70	-0.688
270	8.00	-0.330
Median	7.35	0.000
9	6.71	0.330
24	5.63	0.879
124	3.76	1.833

151.99 Total Arsenic		
Lab	Other	
61	8.00	-0.670

61	8.00	-0.670
Median	7.15	0.000
18	6.30	0.670
87	6.30	0.670

151.XX Total Arsenic		
Lab	Total Method	
64	BDL	0.000
102	<5	0.000
79	9.00	-1.299
31	8.70	-1.062
Std Dev	8.62	-1.000
61	8.00	-0.510
61	8.00	-0.510
270	8.00	-0.510
Median	7.35	0.000
9	6.71	0.510
18	6.30	0.830
87	6.30	0.830
Std Dev	6.08	1.000
24	5.63	1.358
124	3.76	2.832

165.99 Acid Soluble Boron		
Lab	PPM	Other
87	367.95	-1.206
124	329.00	-1.024
Std Dev	323.81	-1.000
18	110.00	0.000
Median	110.00	0.000
102	42.50	0.316
24	41.30	0.321

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
87	367.95	-1.206
124	329.00	-1.024
Std Dev	323.81	-1.000
18	110.00	0.000
Median	110.00	0.000
102	42.50	0.316
24	41.30	0.321

181.00 Total Cadmium		
Lab	Atomic Absorbion	
220	5.50	-1.340
Std Dev	5.37	-1.000
Median	5.00	0.000
Std Dev	4.63	1.000
18	4.50	1.340

181.30 Total Cadmium		
Lab	PPM	ICP
43	5.50	-1.570
43	5.45	-1.474
Std Dev	5.20	-1.000
61	5.00	-0.613
61	5.00	-0.613
270	4.93	-0.469
9	4.68	0.000
Median	4.68	0.000
64	4.59	0.172
87	4.40	0.536
102	4.20	0.919
Std Dev	4.16	1.000
79	4.00	1.302
124	1.44	6.202

181.99 Total Cadmium		
Lab	Other	
24	4.81	0.000
Median	4.81	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
43	5.50	-1.759
220	5.50	-1.759
43	5.45	-1.643
Std Dev	5.17	-1.000
61	5.00	-0.594
61	5.00	-0.594
270	4.93	-0.419
24	4.81	-0.151
Median	4.75	0.000
9	4.68	0.151
64	4.59	0.361
18	4.50	0.571

87	4.40	0.804
Std Dev	4.32	1.000
102	4.20	1.270
79	4.00	1.736
124	1.44	7.702

190.00	Aluminum	
Lab	%Al ₂ O ₃	ICP
124	1.60	-1.017
Std Dev	1.60	-1.000
9	1.58	-0.554
14	1.58	-0.554
14	1.58	-0.554
23	1.57	-0.370
34	1.56	-0.277
24	1.56	-0.185
23	1.55	0.000
79	1.55	0.000
Median	1.55	0.000
24	1.54	0.185
43	1.51	0.647
61	1.50	0.832
Std Dev	1.49	1.000
61	1.48	1.201
87	1.46	1.483
43	1.46	1.571
102	1.35	3.662

190.99	Aluminum	
Lab	%Al ₂ O ₃	Atomic Absorption
220	1.75	-2.470
Std Dev	1.61	-1.000
18	1.52	0.000
Median	1.52	0.000
31	1.50	0.210

190.XX	Aluminum	
Lab	%Al ₂ O ₃	Total Method
220	1.75	-3.789
124	1.60	-1.017
Std Dev	1.60	-1.000
9	1.58	-0.554
14	1.58	-0.554
14	1.58	-0.554

23	1.57	-0.370
34	1.56	-0.277
24	1.56	-0.185
23	1.55	0.000
79	1.55	0.000
Median	1.55	0.000
24	1.54	0.185
18	1.52	0.554
43	1.51	0.647
61	1.50	0.832
31	1.50	0.924
Std Dev	1.49	1.000
61	1.48	1.201
87	1.46	1.483
43	1.46	1.571
102	1.35	3.662

191.00	Total Chromium	
Lab	PPM	Atomic Absorption
18	98.00	-1.340
Std Dev	97.87	-1.000
Median	97.50	0.000
Std Dev	97.13	1.000
18	97.00	1.340

191.30	Total Chromium	
Lab	PPM	ICP
124	573.00	-103.371
270	93.75	-1.436
87	92.60	-1.191
Std Dev	91.70	-1.000
31	88.50	-0.319
43	88.00	-0.213
61	87.00	0.000
Median	87.00	0.000
64	86.61	0.084
61	86.00	0.213
43	82.50	0.957
Std Dev	82.30	1.000
79	74.50	2.659
102	69.60	3.701

191.99	Total Chromium	
Lab	PPM	Other

24	89.30	0.000
Median	89.30	0.000

191.XX	Total Chromium	
Lab	PPM	Total Method
124	573.00	-88.845
18	98.00	-1.787
18	97.00	-1.604
270	93.75	-1.008
Std Dev	93.71	-1.000
87	92.60	-0.797
24	89.30	-0.192
31	88.50	-0.046
Median	88.25	0.000
43	88.00	0.046
61	87.00	0.229
64	86.61	0.301
61	86.00	0.412
Std Dev	82.79	1.000
43	82.50	1.054
79	74.50	2.520
102	69.60	3.418

202.30	Acid Soluble Cobalt	
Lab	PPM	ICP
270	4.65	-1.451
9	4.46	-1.196
Std Dev	4.31	-1.000
61	4.00	-0.580
61	4.00	-0.580
64	3.64	-0.090
Median	3.57	0.000
87	3.50	0.090
43	3.00	0.760
43	3.00	0.760
124	2.93	0.854
102	2.85	0.961

202.99	Acid Soluble Cobalt	
Lab	PPM	Other
24	3.29	0.000
Median	3.29	0.000

202.XX	Acid Soluble Cobalt	
Lab	PPM	Total Method
270	4.65	-1.541
9	4.46	-1.286
Std Dev	4.25	-1.000
61	4.00	-0.670
61	4.00	-0.670
64	3.64	-0.181
87	3.50	0.000
Median	3.50	0.000
24	3.29	0.281
43	3.00	0.670
43	3.00	0.670
124	2.93	0.764
102	2.85	0.871

221.30	Acid Soluble Copper	
Lab	PPM	ICP
43	<1	0.000
43	<1	0.000
87	<0.9	0.000
124	<0.5	0.000
61	2.00	-4.467
Std Dev	1.22	-1.000
61	1.00	0.000
270	1.00	0.000
Median	1.00	0.000
102	0.80	0.893

221.99	Acid Soluble Copper	
Lab	PPM	Other
24	2.08	0.000
Median	2.08	0.000

221.XX	Acid Soluble Copper	
Lab	PPM	Total Method
43	<1	0.000
43	<1	0.000
87	<0.9	0.000
124	<0.5	0.000
24	2.08	-1.447
61	2.00	-1.340
Std Dev	1.75	-1.000
61	1.00	0.000

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270	1.00	0.000
Median	1.00	0.000
102	0.80	0.268

241.00 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Atomic Absorption
220	1.33	-1.340
Std Dev	1.32	-1.000
Median	1.32	0.000
Std Dev	1.31	1.000
18	1.31	1.340

241.30 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	ICP
24	1.48	-2.200
24	1.46	-1.862
Std Dev	1.40	-1.000
23	1.40	-0.846
34	1.38	-0.592
79	1.37	-0.338
39	1.36	-0.313
23	1.35	-0.085
9	1.35	0.000
14	1.35	0.000
Median	1.35	0.000
14	1.34	0.169
43	1.31	0.677
31	1.29	0.931
Std Dev	1.29	1.000
87	1.29	1.002
43	1.28	1.100
61	1.28	1.100
102	1.26	1.484
61	1.25	1.608

241.99 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Other
124	1.36	0.000
Median	1.36	0.000

241.XX Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Total Method
24	1.48	-2.415
24	1.46	-2.057

251.99 Total Lead		
Lab	PPM	Other
24	2.40	0.000
Median	2.40	0.000

251.XX Total Lead		
Lab	PPM	Total Method
64	BDL	0.000
87	<5	0.000
102	<5	0.000
9	3.54	-1.562
Std Dev	2.99	-1.000
79	2.50	-0.495
270	2.50	-0.495
24	2.40	-0.392
124	2.04	-0.021
Median	2.02	0.000
61	2.00	0.021
18	1.70	0.330
Std Dev	1.05	1.000
43	1.00	1.051
43	1.00	1.051
61	1.00	1.051

251.00 Total Lead		
Lab	PPM	Atomic Absorption
18	1.70	0.000
Median	1.70	0.000

251.30 Total Lead			
Lab	PPM	ICP	
64	BDL		0.000
87	<5		0.000
102	<5		0.000
9	3.54		-1.353
Std Dev	3.14		-1.000
79	2.50		-0.429
270	2.50		-0.429
124	2.04		-0.018
Median	2.02		0.000
61	2.00		0.018
43	1.00		0.911
43	1.00		0.911
61	1.00		0.911

251.99 Total Lead		
Lab	PPM	Other
24	2.40	0.000
Median	2.40	0.000

251.XX Total Lead		
Lab	PPM	Total Method
64	BDL	0.000
87	<5	0.000
102	<5	0.000
9	3.54	-1.562
Std Dev	2.99	-1.000
79	2.50	-0.495
270	2.50	-0.495
24	2.40	-0.392
124	2.04	-0.021
Median	2.02	0.000
61	2.00	0.021
18	1.70	0.330
Std Dev	1.05	1.000
43	1.00	1.051
43	1.00	1.051
61	1.00	1.051

261.00 Acid Soluble Manganese		
Lab	PPM	Atomic Absorption
18	355.00	0.000
Median	355.00	0.000

261.30 Acid Soluble Manganese		
Lab	PPM	ICP
39	363.50	-0.947
61	356.00	-0.396
61	352.00	-0.103
87	350.60	0.000
Median	350.60	0.000
102	340.50	0.742
Std Dev	336.98	1.000
124	331.00	1.439
31	327.00	1.733

261.99 Acid Soluble Manganese		
Lab	PPM	Other
24	373.00	-2.029

261.00 Acid Soluble Manganese		
Lab	PPM	Atomic Absorption
43	346.50	0.000
Median	346.50	0.000
43	338.00	0.651

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
24	373.00	-1.847
39	363.50	-1.064
Std Dev	362.73	-1.000
61	356.00	-0.445
18	355.00	-0.363
61	352.00	-0.115
87	350.60	0.000
Median	350.60	0.000
43	346.50	0.338
102	340.50	0.833
Std Dev	338.47	1.000
43	338.00	1.039
124	331.00	1.616
31	327.00	1.946

281.30 Total Mercury		
Lab	PPM	ICP
124	<0.5	0.000
24	<0.12	0.000
Median	0.00	0.000

281.99 Total Mercury		
Lab	PPM	Other
79	<5	0.000
102	<.4	0.000
18	0.04	0.000
Median	0.04	0.000

281.XX Total Mercury		
Lab	PPM	Total Method
79	<5	0.000
124	<0.5	0.000
24	<0.12	0.000
102	<.4	0.000
18	0.04	0.000
Median	0.04	0.000

289.30 Total Molybdenum		
Lab	PPM	ICP
124	<0.5	0.000
61	14.00	-1.047
61	14.00	-1.047
270	14.00	-1.047
Std Dev	13.94	-1.000
9	13.44	-0.578
102	12.75	0.000
Median	12.75	0.000
43	12.50	0.209
43	12.40	0.293
87	11.95	0.670
64	11.83	0.775

289.99 Total Molybdenum		
Lab	PPM	Other
24	14.50	0.000
Median	14.50	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
124	<0.5	0.000
24	14.50	-1.195
Std Dev	14.27	-1.000
61	14.00	-0.770
61	14.00	-0.770
270	14.00	-0.770
9	13.44	-0.294
Median	13.10	0.000
102	12.75	0.294
43	12.50	0.506
43	12.40	0.591
87	11.95	0.974
Std Dev	11.92	1.000
64	11.83	1.081

291.00 Total Nickel		
Lab		Atomic Absorbtion
18	12.50	0.000
Median	12.50	0.000

291.30 Total Nickel		
Lab		ICP
9	2.05	-1.581

87	126.50	-110.775
124	39.50	-23.038
Std Dev	17.65	-1.000
270	17.50	-0.852
64	16.82	-0.161
9	16.81	-0.156
Median	16.66	0.000
43	16.50	0.156
61	16.00	0.661
61	16.00	0.661
Std Dev	15.66	1.000
43	15.50	1.165
102	15.00	1.669

291.99 Total Nickel		
Lab	PPM	Other
24	18.90	0.000
Median	18.90	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
87	126.50	-74.528
124	39.50	-15.500
24	18.90	-1.523
Std Dev	18.13	-1.000
270	17.50	-0.573
64	16.82	-0.109
9	16.81	-0.105
Median	16.66	0.000
43	16.50	0.105
61	16.00	0.444
61	16.00	0.444
43	15.50	0.784
Std Dev	15.18	1.000
102	15.00	1.123
18	12.50	2.819

301.30 Total Selenium		
Lab	PPM	ICP
64	BDL	0.000
102	<5	0.000
87	<4.6	0.000
124	<0.5	0.000
9	2.05	-1.581

Std Dev	1.66	-1.000
270	1.00	0.000
Median	1.00	0.000
24	0.27	1.099

301.XX Total Selenium		
Lab	PPM	Total Mthod
64	BDL	0.000
102	<5	0.000
87	<4.6	0.000
124	<0.5	0.000
9	2.05	-1.581
Std Dev	1.66	-1.000
270	1.00	0.000
Median	1.00	0.000
24	0.27	1.099

311.00 Sodium		
Lab	%Na ₂ O	Atomic Absorbtion
61	0.10	0.000
61	0.10	0.000
Median	0.10	0.000

311.99 Sodium		
Lab	%Na ₂ O	Other
124	<0.5	0.000
24	0.17	-1.499
Std Dev	0.16	-1.000
24	0.15	-0.409
87	0.15	-0.285
23	0.15	-0.136
Median	0.14	0.000
23	0.14	0.136
102	0.12	0.956
Std Dev	0.12	1.000
43	0.12	1.226
43	0.12	1.499

311.XX Sodium		
Lab	%Na ₂ O	Total Method
124	<0.5	0.000
24	0.17	-1.632
Std Dev	0.16	-1.000
24	0.15	-0.762

87	0.15	-0.664
23	0.15	-0.545
23	0.14	-0.327
Median	0.13	0.000
102	0.12	0.327
43	0.12	0.543
43	0.12	0.760
Std Dev	0.11	1.000
61	0.10	1.413
61	0.10	1.413

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
102	94.95	-2.260
24	94.20	-2.139
Std Dev	87.17	-1.000
64	86.27	-0.854
61	81.00	0.000
270	81.00	0.000
Median	81.00	0.000
124	78.58	0.393
61	78.00	0.486
87	75.35	0.915
Std Dev	74.83	1.000
9	34.06	7.606

321.99 Acid Soluble Zinc		
Lab		Other
43	76.00	-1.340
Std Dev	75.81	-1.000
Median	75.25	0.000
Std Dev	74.69	1.000
43	74.50	1.340

321.XX Acid Soluble Zinc		
Lab	PPM	Total Method
102	94.95	-2.757
24	94.20	-2.630
64	86.27	-1.295
Std Dev	84.52	-1.000
61	81.00	-0.408
270	81.00	-0.408
124	78.58	0.000
Median	78.58	0.000

61	78.00	0.097
43	76.00	0.433
87	75.35	0.543
43	74.50	0.686
Std Dev	72.63	1.000
9	34.06	7.494

325.10		
Lab	%	Fluoride Electrode
111	1.77	-2.071
31	1.73	-1.645
Std Dev	1.68	-1.000
24	1.66	-0.792
220	1.64	-0.548
23	1.63	-0.426
23	1.61	-0.122
43	1.60	0.000
102	1.60	0.000
Median	1.60	0.000
43	1.56	0.426
24	1.56	0.487
34	1.55	0.548
Std Dev	1.51	1.000
270	1.50	1.157
14	1.45	1.827
14	1.44	1.949
18	1.38	2.619

325.30		
Lab		Fluoride Distilled/Electrode
9	1.72	-1.340
Std Dev	1.72	-1.000
Median	1.71	0.000
Std Dev	1.69	1.000
9	1.69	1.340

325.99		
Lab	%	Fluoride Other
124	2.44	-2.546
Std Dev	1.98	-1.000
61	1.68	0.000
Median	1.68	0.000
61	1.64	0.134

325.XX		
Lab	%	Fluoride Total Method
124	2.44	-8.560
111	1.77	-1.535
31	1.73	-1.171
9	1.72	-1.067
Std Dev	1.71	-1.000
9	1.69	-0.755
61	1.68	-0.650
24	1.66	-0.442
61	1.64	-0.234
220	1.64	-0.234
23	1.63	-0.130
Median	1.62	0.000
23	1.61	0.130
43	1.60	0.234
102	1.60	0.234
43	1.56	0.598
24	1.56	0.650
34	1.55	0.703
Std Dev	1.52	1.000
270	1.50	1.223
14	1.45	1.795
14	1.44	1.899
18	1.38	2.472