

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
31	11.32	-1.850
Std Dev	11.14	-1.000
79	10.93	0.000
Median	10.93	0.000
49	10.75	0.830

001.99 Ammoniacal Nitrogen		
Lab	Other	
24	11.36	-0.908
61	11.35	-0.820
28	11.33	-0.598
28	11.33	-0.598
61	11.29	-0.244
23	11.27	-0.066
Median	11.26	0.000
23	11.25	0.066
140	11.25	0.066
124	11.19	0.598
Std Dev	11.14	1.000
24	11.13	1.174
123	10.89	3.256
38	10.54	6.401

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
24	11.36	-0.500
61	11.35	-0.454
28	11.33	-0.341
28	11.33	-0.341
31	11.32	-0.295
61	11.29	-0.159
23	11.27	-0.068
23	11.25	0.000
140	11.25	0.000
Median	11.25	0.000
124	11.19	0.273
24	11.13	0.568
Std Dev	11.03	1.000
79	10.93	1.476
123	10.89	1.635
49	10.75	2.271
38	10.54	3.248

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
79	11.71	-3.304
Std Dev	11.46	-1.000
43	11.36	-0.116
Median	11.35	0.000
43	11.34	0.116
Std Dev	11.24	1.000
49	11.20	1.363

010.12 Total Nitrogen		
Lab	Salicylic	
119	11.27	-1.340
Std Dev	11.26	-1.000
Median	11.22	0.000
Std Dev	11.18	1.000
107	11.17	1.340

010.60 Total Nitrogen		
Lab	Combustion	
80	11.75	-1.843
Std Dev	11.52	-1.000
65	11.46	-0.744
77	11.41	-0.558
29	11.39	-0.484
104	11.39	-0.484
31	11.36	-0.372
63	11.36	-0.372
9	11.34	-0.316
63	11.33	-0.279
47	11.30	-0.149
49	11.29	-0.112
64	11.29	-0.112
66	11.26	-0.019
14	11.26	0.000
Median	11.26	0.000
39	11.24	0.056
14	11.24	0.074
44	11.23	0.093
96	11.20	0.205
102	11.06	0.726
38	11.00	0.949
Std Dev	10.99	1.000

24	10.98	1.042
87	10.97	1.079
123	10.94	1.191
24	10.90	1.321
95	10.55	2.624
270	10.45	2.996
103	10.32	3.480

010.99 Total Nitrogen		
Lab	Other	
40	11.21	-1.340
Std Dev	11.20	-1.000
Median	11.17	0.000
Std Dev	11.13	1.000
34	11.12	1.340

010.XX Total Nitrogen		
Lab	Total Method	
80	11.75	-2.576
79	11.71	-2.342
65	11.46	-1.041
Std Dev	11.45	-1.000
77	11.41	-0.781
29	11.39	-0.677
104	11.39	-0.677
43	11.36	-0.546
31	11.36	-0.520
63	11.36	-0.520
9	11.34	-0.442
43	11.34	-0.416
63	11.33	-0.390
47	11.30	-0.208
49	11.29	-0.156
64	11.29	-0.156
119	11.27	-0.078
66	11.26	-0.026
14	11.26	0.000
Median	11.26	0.000
39	11.24	0.078
14	11.24	0.104
44	11.23	0.130
40	11.21	0.234
49	11.20	0.286
96	11.20	0.286

107	11.17	0.468
34	11.12	0.703
Std Dev	11.06	1.000
102	11.06	1.015
38	11.00	1.327
24	10.98	1.457
87	10.97	1.509
123	10.94	1.665
24	10.90	1.847
95	10.55	3.669
270	10.45	4.189
103	10.32	4.866

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
241	51.10	-1.340
Std Dev	50.95	-1.000
Median	50.50	0.000
Std Dev	50.04	1.000
79	49.89	1.340

020.20 Total Phosphate		
Lab	Spectrometric	
43	52.75	-1.598
34	52.52	-1.011
Std Dev	52.52	-1.000
43	52.35	-0.567
61	52.35	-0.567
9	52.32	-0.489
61	52.32	-0.476
14	52.24	-0.267
14	52.23	-0.241
102	52.20	-0.176
31	52.18	-0.111
Median	52.13	0.000
140	52.09	0.111
220	52.04	0.247
23	51.88	0.659
23	51.82	0.815
270	51.82	0.815
24	51.75	0.998
Std Dev	51.75	1.000
24	51.69	1.167
244	51.51	1.637

123	50.31	4.767
95	42.60	24.863
020.30 Total Phosphate		
Lab	Alka. Quimociac	
40	52.56	0.000
Median	52.56	0.000
020.40 Total Phosphate		
Lab	Automated	
9	52.45	-1.340
Std Dev	51.96	-1.000
Median	50.55	0.000
Std Dev	49.13	1.000
96	48.65	1.340
020.99 Total Phosphate		
Lab	Other	
28	52.45	-1.106
Std Dev	52.41	-1.000
28	52.15	-0.396
Median	51.98	0.000
103	51.82	0.396
Std Dev	51.56	1.000
124	51.19	1.875
020.XX Total Phosphate		
Lab	Total Method	
43	52.75	-1.382
Std Dev	52.56	-1.000
40	52.56	-0.981
34	52.52	-0.907
28	52.45	-0.760
9	52.45	-0.749
43	52.35	-0.549
61	52.35	-0.549
9	52.32	-0.485
61	52.32	-0.475
14	52.24	-0.306
14	52.23	-0.285
102	52.20	-0.232
31	52.18	-0.179
28	52.15	-0.127
140	52.09	0.000

Median	52.09	0.000
220	52.04	0.110
23	51.88	0.443
23	51.82	0.570
270	51.82	0.570
103	51.82	0.580
24	51.75	0.717
24	51.69	0.855
Std Dev	51.62	1.000
244	51.51	1.234
124	51.19	1.899
241	51.10	2.089
123	50.31	3.767
79	49.89	4.643
96	48.65	7.259
95	42.60	20.026
030.10 Insoluble Phosphate		
Lab	Gravimetric Quimociac	
79	0.61	0.000
Median	0.61	0.000
030.20 Insoluble Phosphate		
Lab	Spectrometric	
24	0.93	-2.039
43	0.89	-1.826
43	0.79	-1.191
Std Dev	0.76	-1.000
24	0.72	-0.712
61	0.66	-0.291
14	0.61	0.000
23	0.61	0.000
Median	0.61	0.000
14	0.61	0.032
140	0.50	0.744
Std Dev	0.46	1.000
23	0.42	1.230
61	0.35	1.683
030.30 Insoluble Phosphate		
Lab	Alka. Quimociac	
31	0.58	0.000
Median	0.58	0.000

030.40 Insoluble Phosphate		
Lab	Automated	
34	0.74	-1.340
Std Dev	0.72	-1.000
Median	0.67	0.000
Std Dev	0.61	1.000
9	0.59	1.340
030.99 Insoluble Phosphate		
Lab	Other	
28	0.80	-1.340
Std Dev	0.78	-1.000
Median	0.72	0.000
Std Dev	0.66	1.000
28	0.64	1.340
030.XX Insoluble Phosphate		
Lab	Total Method	
24	0.93	-2.814
43	0.89	-2.519
28	0.80	-1.697
43	0.79	-1.644
34	0.74	-1.161
Std Dev	0.72	-1.000
24	0.72	-0.983
61	0.66	-0.402
28	0.64	-0.268
14	0.61	0.000
23	0.61	0.000
79	0.61	0.000
Median	0.61	0.000
14	0.61	0.045
9	0.59	0.179
31	0.58	0.268
Std Dev	0.50	1.000
140	0.50	1.027
23	0.42	1.697
61	0.35	2.323
040.20 Indirect Available Phosphate		
Lab	Spectrometric	
61	51.97	-1.180
43	51.95	-1.133
Std Dev	51.91	-1.000

61	51.70	-0.319
14	51.63	-0.112
14	51.62	-0.064
31	51.60	0.000
140	51.60	0.000
Median	51.60	0.000
23	51.46	0.431
43	51.46	0.447
Std Dev	51.28	1.000
23	51.21	1.228
24	50.98	1.962
24	50.76	2.664
123	50.19	4.499
040.99 Indirect Available Phosphate		
Lab	Other	
34	51.82	-0.236
28	51.81	-0.210
9	51.73	0.000
Median	51.73	0.000
Std Dev	51.35	1.000
28	51.30	1.130
38	49.37	6.214
040.XX Indirect Available Phosphate		
Lab	Total Method	
61	51.97	-1.014
Std Dev	51.96	-1.000
43	51.95	-0.973
34	51.82	-0.617
28	51.81	-0.589
9	51.73	-0.370
61	51.70	-0.274
14	51.63	-0.096
14	51.62	-0.055
31	51.60	0.000
140	51.60	0.000
Median	51.60	0.000
23	51.46	0.370
43	51.46	0.384
28	51.30	0.809
Std Dev	51.23	1.000
23	51.21	1.056
24	50.98	1.686

24	50.76	2.289
123	50.19	3.866
38	49.37	6.114

041.10 Direct Available Phosphate		
Lab	Gravimetric	Quimociac
104	51.75	-1.171
87	51.73	-1.100
Std Dev	51.69	-1.000
39	51.59	-0.719
49	51.34	0.000
Median	51.34	0.000
44	51.22	0.339
47	51.15	0.522
Std Dev	50.98	1.000
119	49.71	4.598

041.20 Direct Available Phosphate		
Lab	Spectrometric	
220	51.02	-1.340
Std Dev	50.99	-1.000
Median	50.91	0.000
Std Dev	50.84	1.000
47	50.81	1.340

041.40 Direct Available Phosphate		
Lab	Automated	
49	51.79	-1.340
Std Dev	51.77	-1.000
Median	51.70	0.000
Std Dev	51.64	1.000
39	51.62	1.340

041.50 Direct Available Phosphate		
Lab	ICP	
66	50.67	-5.045
Std Dev	49.90	-1.000
80	49.90	-0.998
63	49.71	0.000
Median	49.71	0.000
63	49.65	0.342
Std Dev	49.52	1.000
87	48.01	8.960

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
29	51.28	-0.846
77	51.19	0.000
Median	51.19	0.000
Std Dev	51.08	1.000
64	51.00	1.834

041.XX Direct Available Phosphate		
Lab	Total Method	
49	51.79	-0.728
104	51.75	-0.683
87	51.73	-0.654
39	51.62	-0.529
39	51.59	-0.501
49	51.34	-0.211
29	51.28	-0.148
44	51.22	-0.074
77	51.19	-0.046
47	51.15	0.000
Median	51.15	0.000
220	51.02	0.153
64	51.00	0.176
47	50.81	0.387
66	50.67	0.546
Std Dev	50.27	1.000
80	49.90	1.423
63	49.71	1.639
119	49.71	1.644
63	49.65	1.713
87	48.01	3.579

048.10 Water Soluble Phosphate		
Lab	Gravimetric	Quimociac
79	47.86	0.000
Median	47.86	0.000

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
140	47.91	-2.524
43	47.82	-1.932
31	47.74	-1.433
Std Dev	47.67	-1.000
61	47.66	-0.966

23	47.62	-0.686
220	47.59	-0.527
23	47.52	-0.093
Median	47.51	0.000
24	47.49	0.093
43	47.45	0.343
61	47.45	0.374
24	47.43	0.467
Std Dev	47.34	1.000
14	47.12	2.431
14	47.04	2.929
244	46.31	7.479

048.99 Water Soluble Phosphate		
Lab	Other	
9	47.98	-1.340
Std Dev	47.94	-1.000
Median	47.82	0.000
Std Dev	47.70	1.000
123	47.66	1.340

048.XX Water Soluble Phosphate		
Lab	Total Method	
9	47.98	-1.781
140	47.91	-1.481
79	47.86	-1.250
43	47.82	-1.042
Std Dev	47.81	-1.000
31	47.74	-0.672
61	47.66	-0.326
123	47.66	-0.326
23	47.62	-0.118
220	47.59	0.000
Median	47.59	0.000
23	47.52	0.321
24	47.49	0.460
43	47.45	0.645
61	47.45	0.668
24	47.43	0.737
Std Dev	47.37	1.000
14	47.12	2.193
14	47.04	2.562
244	46.31	5.935

050.00 Soluble Potash		
Lab	STPB	Oxalate
87	0.21	0.000
Median	0.21	0.000

050.50 %K ₂ O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.23	0.000
23	0.23	0.000
Median	0.23	0.000

050.51 %K ₂ O Soluble Potash		
Lab	ICP(Citrate)	
87	<0.1	0.000
102	0.23	0.000
Median	0.23	0.000

050.60 Soluble Potash		
Lab	%K ₂ O	Flame Photometric(Oxalate)
241	0.17	0.000
Median	0.17	0.000

050.99 Soluble Potash		
Lab	%K ₂ O	Other
124	2352.50	#####
Std Dev	0.21	-1.000
43	0.21	-0.222
61	0.21	-0.175
43	0.20	0.000
Median	0.20	0.000
61	0.20	0.702
Std Dev	0.20	1.000
24	0.20	1.580
24	0.19	3.336

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
87	<0.1	0.000
124	2352.50	0.000
23	0.23	0.000
23	0.23	0.000
Std Dev	0.00	-1.000
102	0.23	0.000
43	0.21	0.000

61	0.21	0.000
87	0.21	0.000
Median	0.00	0.000
43	0.20	0.000
61	0.20	0.000
24	0.20	0.000
24	0.19	0.000
Std Dev	0.00	1.000
241	0.17	0.000

060.00		Free Water
Lab		Vacuum Oven
31	1.19	-0.922
123	1.16	-0.819
24	1.13	-0.698
24	1.13	-0.698
23	1.08	-0.543
23	1.04	-0.405
140	0.93	-0.026
Median	0.92	0.000
9	0.92	0.026
220	0.88	0.146
14	0.73	0.681
14	0.73	0.681
43	0.65	0.957
Std Dev	0.63	1.000
43	0.59	1.146
34	0.44	1.663

060.10		Free Water
Lab		Vacuum Desiccate
61	0.55	-1.340
Std Dev	0.53	-1.000
Median	0.46	0.000
Std Dev	0.39	1.000
61	0.37	1.340

060.99		Free Water
Lab		Other
124	1.59	-1.098
Std Dev	1.57	-1.000
28	1.42	0.000
Median	1.42	0.000
Std Dev	1.27	1.000

28	1.18	1.582
060.XX		Free Water
Lab		Total Method
124	1.59	-1.933
28	1.42	-1.435
Std Dev	1.27	-1.000
31	1.19	-0.762
28	1.18	-0.718
123	1.16	-0.674
24	1.13	-0.571
24	1.13	-0.571
23	1.08	-0.439
23	1.04	-0.322
140	0.93	0.000
Median	0.93	0.000
9	0.92	0.044
220	0.88	0.146
14	0.73	0.600
14	0.73	0.600
43	0.65	0.835
43	0.59	0.996
Std Dev	0.59	1.000
61	0.55	1.113
34	0.44	1.435
61	0.37	1.640

101.30		Acid Soluble Calcium
Lab	%CaO	ICP
270	1.22	-9.246
39	1.00	-3.005
23	0.95	-1.445
23	0.95	-1.445
Std Dev	0.93	-1.000
9	0.93	-0.722
102	0.92	-0.555
14	0.92	-0.433
24	0.91	-0.144
Median	0.90	0.000
14	0.90	0.144
61	0.90	0.144
34	0.89	0.289
87	0.89	0.379
43	0.88	0.611

43	0.87	0.727
61	0.87	0.867
Std Dev	0.87	1.000
24	0.85	1.445

101.99		Acid Soluble Calcium
Lab	%CaO	Other
124	1.07	0.000
Median	1.07	0.000

101.XX		Acid Soluble Calcium
Lab	%CaO	Total Method
270	1.22	-6.688
124	1.07	-3.514
39	1.00	-2.102
Std Dev	0.95	-1.000
23	0.95	-0.955
23	0.95	-0.955
9	0.93	-0.425
102	0.92	-0.301
14	0.92	-0.212
24	0.91	0.000
Median	0.91	0.000
14	0.90	0.212
61	0.90	0.212
34	0.89	0.318
87	0.89	0.385
43	0.88	0.555
43	0.87	0.640
61	0.87	0.743
Std Dev	0.86	1.000
24	0.85	1.168

121.00		Acid Soluble Magnesium
Lab	%MgO	Atomic Absorption
241	0.95	0.000
Median	0.95	0.000

121.30		Acid Soluble Magnesium
Lab	%MgO	ICP
124	9102.00	#####
Std Dev	0.95	-1.000
102	0.92	-0.540
270	0.92	-0.492

24	0.91	-0.341
23	0.91	-0.265
14	0.90	-0.189
23	0.90	-0.189
14	0.90	-0.114
34	0.89	-0.038
Median	0.89	0.000
9	0.89	0.038
24	0.89	0.038
39	0.88	0.144
Std Dev	0.82	1.000
87	0.82	1.081
31	0.82	1.098
61	0.80	1.325
61	0.80	1.401
43	0.76	1.931
43	0.73	2.386

121.XX		Acid Soluble Magnesium
Lab	%MgO	Total Method
124	9102.00	#####
Std Dev	0.96	-1.000
241	0.95	-0.875
102	0.92	-0.483
270	0.92	-0.437
24	0.91	-0.292
23	0.91	-0.219
14	0.90	-0.146
23	0.90	-0.146
14	0.90	-0.073
34	0.89	0.000
Median	0.89	0.000
9	0.89	0.073
24	0.89	0.073
39	0.88	0.175
Std Dev	0.82	1.000
87	0.82	1.077
31	0.82	1.093
61	0.80	1.312
61	0.80	1.385
43	0.76	1.895
43	0.73	2.332

144..01 Sulfate Sulfur (S)		
Lab	Gravimetric	
220	1.68	-3.853
241	1.55	-1.005
Std Dev	1.55	-1.000
61	1.52	-0.335
Median	1.51	0.000
79	1.49	0.335
61	1.48	0.558
244	1.47	0.782

144.70 Sulfur		
Lab	Spectrometric	
14	1.47	0.000
14	1.47	0.000
Median	1.47	0.000

144.99 Sulfate Sulfur (S)		
Lab	Other	
43	1.73	-6.180
43	1.72	-5.852
Std Dev	1.49	-1.000
9	1.49	-0.930
23	1.47	-0.383
23	1.46	-0.273
Median	1.45	0.000
24	1.44	0.273
34	1.43	0.383
24	1.42	0.602
Std Dev	1.40	1.000
270	1.35	2.133
31	1.31	3.008

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
43	1.73	-4.890
43	1.72	-4.608
220	1.68	-3.902
241	1.55	-1.505
Std Dev	1.52	-1.000
61	1.52	-0.940
9	1.49	-0.376
79	1.49	-0.376
61	1.48	-0.188

14	1.47	0.000
14	1.47	0.000
244	1.47	0.000
Median	1.47	0.000
23	1.47	0.094
61	1.46	0.188
24	1.44	0.658
34	1.43	0.752
24	1.42	0.940
Std Dev	1.42	1.000
270	1.35	2.257
31	1.31	3.009

145.99 Total Sulfur (S)		
Lab	Other	
124	1.46	-4.188
87	1.37	-1.005
Std Dev	1.36	-1.000
63	1.34	0.000
Median	1.34	0.000
63	1.33	0.335
Std Dev	1.31	1.000
102	1.29	1.511

145.XX Total Sulfur (S)		
Lab	Total Method	
124	1.46	-4.188
87	1.37	-1.005
Std Dev	1.36	-1.000
63	1.34	0.000
Median	1.34	0.000
63	1.33	0.335
Std Dev	1.31	1.000
102	1.29	1.511

151.30 Total Arsenic		
Lab	ICP	
102	<5	0.000
124	<0.5	0.000
64	13.27	-0.364
270	13.00	-0.264
9	12.75	-0.170
Median	12.30	0.000
31	11.85	0.170

Std Dev	9.65	1.000
24	8.56	1.410
79	7.00	1.998

151.99 Total Arsenic		
Lab	Other	
61	14.00	-1.935
Std Dev	12.89	-1.000
61	11.70	0.000
Median	11.70	0.000
87	10.82	0.745

151.XX Total Arsenic		
Lab	Total Method	
102	<5	0.000
124	<0.5	0.000
61	14.00	-1.319
Std Dev	13.48	-1.000
64	13.27	-0.868
270	13.00	-0.705
9	12.75	-0.552
31	11.85	0.000
Median	11.85	0.000
61	11.70	0.092
87	10.82	0.635
Std Dev	10.22	1.000
24	8.56	2.018
79	7.00	2.974

165.99 Acid Soluble Boron		
Lab	PPM	Other
87	516.50	-1.519
Std Dev	395.73	-1.000
124	290.50	-0.548
Median	163.08	0.000
24	35.65	0.548
102	34.00	0.555

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
87	516.50	-1.519
Std Dev	395.73	-1.000
124	290.50	-0.548
Median	163.08	0.000

24	35.65	0.548
102	34.00	0.555

181.00 Total Cadmium		
Lab	Atomic Absorbion	
220	4.61	0.000
Median	4.61	0.000

181.30 Total Cadmium		
Lab	PPM	ICP
79	50.50	-67.391
270	7.20	-5.829
Std Dev	3.80	-1.000
61	3.50	-0.569
61	3.50	-0.569
9	3.30	-0.284
43	3.10	0.000
Median	3.10	0.000
43	3.00	0.142
102	2.60	0.711
64	2.52	0.832
Std Dev	2.40	1.000
124	1.83	1.806
87	1.59	2.148

181.99 Total Cadmium		
Lab	Other	
24	2.22	0.000
Median	2.22	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
79	50.50	-64.483
270	7.20	-5.578
220	4.61	-2.059
Std Dev	3.84	-1.000
61	3.50	-0.544
61	3.50	-0.544
9	3.30	-0.272
43	3.10	0.000
Median	3.10	0.000
43	3.00	0.136
102	2.60	0.680
64	2.52	0.796

Std Dev	2.36	1.000
24	2.22	1.204
124	1.83	1.728
87	1.59	2.055

190.00 Lab	%Al ₂ O ₃	Aluminum ICP
9	1.92	-0.987
14	1.91	-0.917
14	1.89	-0.776
124	1.86	-0.564
23	1.85	-0.494
23	1.83	-0.353
34	1.81	-0.212
241	1.79	-0.071
Median	1.78	0.000
24	1.77	0.071
87	1.75	0.188
24	1.75	0.212
43	1.67	0.811
61	1.66	0.882
61	1.65	0.917
Std Dev	1.64	1.000
43	1.62	1.164
102	1.44	2.426

190.99 Lab	%Al ₂ O ₃	Aluminum Atomic Absorption
31	1.75	0.000
Median	1.75	0.000

190.XX Lab	%Al ₂ O ₃	Aluminum Total Method
9	1.92	-1.086
14	1.91	-1.014
Std Dev	1.91	-1.000
14	1.89	-0.869
124	1.86	-0.652
23	1.85	-0.579
23	1.83	-0.435
34	1.81	-0.290
241	1.79	-0.145
24	1.77	0.000
Median	1.77	0.000

87	1.75	0.121
24	1.75	0.145
31	1.75	0.181
43	1.67	0.761
61	1.66	0.833
61	1.65	0.869
Std Dev	1.63	1.000
43	1.62	1.123
102	1.44	2.419

191.30 Lab	Total Chromium ICP
270	103.00 -1.371
Std Dev	100.27 -1.000
124	99.90 -0.950
87	95.25 -0.318
9	95.00 -0.285
61	93.50 -0.081
64	92.90 0.000
Median	92.90 0.000
61	91.00 0.258
Std Dev	85.53 1.000
43	85.50 1.004
43	85.00 1.072
31	84.00 1.208
102	63.65 3.970

191.99 Lab	PPM	Total Chromium Other
24	82.40	0.000
Median	82.40	0.000

191.XX Lab	PPM	Total Chromium Total Method
270	103.00	-1.436
124	99.90	-1.033
Std Dev	99.64	-1.000
87	95.25	-0.428
9	95.00	-0.396
61	93.50	-0.201
64	92.90	-0.123
Median	91.95	0.000
61	91.00	0.123
43	85.50	0.838

43	85.00	0.903
Std Dev	84.26	1.000
31	84.00	1.033
24	82.40	1.241
102	63.65	3.678

202.30 Lab	PPM	Acid Soluble Cobalt ICP
43	4.50	-2.998
43	4.00	-2.281
Std Dev	3.11	-1.000
270	3.10	-0.990
64	2.78	-0.531
61	2.50	-0.129
Median	2.41	0.000
124	2.32	0.129
87	2.25	0.224
9	2.03	0.545
61	2.00	0.588
Std Dev	1.71	1.000
102	1.45	1.377

202.99 Lab	Other	Acid Soluble Cobalt
24	1.92	0.000
Median	1.92	0.000

202.XX Lab	PPM	Acid Soluble Cobalt Total Method
43	4.50	-3.158
43	4.00	-2.434
270	3.10	-1.130
Std Dev	3.01	-1.000
64	2.78	-0.666
61	2.50	-0.261
124	2.32	0.000
Median	2.32	0.000
87	2.25	0.096
9	2.03	0.420
61	2.00	0.464
24	1.92	0.587
Std Dev	1.63	1.000
102	1.45	1.260

221.00 Lab	Acid Soluble Copper Atomic Absorption
241	1.13 -1.340
Std Dev	1.12 -1.000
Median	1.10 0.000
Std Dev	1.07 1.000
220	1.07 1.340

221.30 Lab	PPM	Acid Soluble Copper ICP
124	50.50	-1.069
Std Dev	49.53	-1.000
270	46.00	-0.748
43	35.50	0.000
Median	35.50	0.000
102	27.20	0.592
43	22.00	0.962

221.XX Lab	PPM	Acid Soluble Copper Total Method
124	50.50	-1.069
Std Dev	49.53	-1.000
270	46.00	-0.748
43	35.50	0.000
Median	35.50	0.000
102	27.20	0.592
43	22.00	0.962

241.30 Lab	%Fe ₂ O ₃	Acid Soluble Iron ICP
24	1.20	-1.218
Std Dev	1.19	-1.000
23	1.19	-0.975
34	1.18	-0.731
23	1.18	-0.609
124	1.18	-0.609
39	1.17	-0.536
9	1.17	-0.365
14	1.15	0.000
14	1.15	0.000
24	1.15	0.000
Median	1.15	0.000
87	1.14	0.185
31	1.12	0.731

43	1.12	0.731
43	1.12	0.853
Std Dev	1.11	1.000
61	1.08	1.705
61	1.08	1.827

241.99 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Other
102	1.07	0.000
Median	1.07	0.000

241.XX Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Total Method
24	1.20	-1.196
Std Dev	1.19	-1.000
23	1.19	-0.957
34	1.18	-0.718
23	1.18	-0.598
124	1.18	-0.598
39	1.17	-0.526
9	1.17	-0.359
14	1.15	0.000
14	1.15	0.000
24	1.15	0.000
Median	1.15	0.000

87	1.14	0.181
241	1.13	0.479
31	1.12	0.718
43	1.12	0.718
43	1.12	0.838
Std Dev	1.11	1.000
61	1.08	1.675
61	1.08	1.795
102	1.07	1.901
220	1.07	2.034

251.30 Total Lead		
Lab	PPM	ICP
87	<5	0.000
102	<5	0.000
43	14.00	-1.035
Std Dev	13.75	-1.000
43	13.00	-0.896
124	10.10	-0.493

Median	6.55	0.000
61	3.00	0.493
270	2.50	0.562
61	2.00	0.632

251.99 Total Lead		
Lab	PPM	Other
24	2.84	0.000
Median	2.84	0.000

251.XX Total Lead		
Lab	PPM	Total Method
87	<5	0.000
102	<5	0.000
43	14.00	-1.660
43	13.00	-1.509
124	10.10	-1.071
Std Dev	9.63	-1.000
61	3.00	0.000
Median	3.00	0.000
24	2.84	0.024
270	2.50	0.075
61	2.00	0.151

261.30 Acid Soluble Manganese		
Lab	PPM	ICP
39	366.50	-0.640
124	362.00	-0.447
9	361.50	-0.425
Median	351.60	0.000
87	341.70	0.425
Std Dev	328.32	1.000
102	327.00	1.057
31	326.00	1.099

261.99 Acid Soluble Manganese		
Lab	PPM	Other
61	359.50	-3.127
Std Dev	349.98	-1.000
43	347.00	-0.335
43	345.50	0.000
Median	345.50	0.000
Std Dev	341.02	1.000
61	341.00	1.005

24	330.00	3.462
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261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
39	366.50	-1.126
Std Dev	364.16	-1.000
124	362.00	-0.884
9	361.50	-0.858
61	359.50	-0.750
43	347.00	-0.080
43	345.50	0.000
Median	345.50	0.000
87	341.70	0.204
61	341.00	0.241
24	330.00	0.831
102	327.00	0.992
Std Dev	326.84	1.000
31	326.00	1.045

281.00 Total Mercury		
Lab	PPM	Atomic Absorbtion
87	<0.025	0.000
Median	0.00	0.000

281.30 Total Mercury		
Lab	PPM	ICP
124	<0.5	0.000
24	<0.12	0.000
270	0.00	0.000
Median	0.00	0.000

281.99 Total Mercury		
Lab	PPM	Other
102	<0.4	0.000
79	<0.05	0.000
Median	0.00	0.000

281.XX Total Mercury		
Lab	PPM	Total Method
124	<0.5	0.000
102	<0.4	0.000
24	<0.12	0.000
79	<0.05	0.000
87	<0.025	0.000

270	0.00	0.000
Median	0.00	0.000

289.30 Total Molybdenum		
Lab	PPM	ICP
270	20.00	-1.456
Std Dev	18.96	-1.000
61	18.00	-0.581
124	18.00	-0.581
9	17.30	-0.275
64	16.85	-0.075
Median	16.67	0.000
61	16.50	0.075
102	15.85	0.360
43	14.40	0.994
Std Dev	14.39	1.000
43	14.35	1.016
87	12.51	1.823

289.99 Total Molybdenum		
Lab	PPM	Other
24	14.95	0.000
Median	14.95	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
270	20.00	-1.576
Std Dev	18.72	-1.000
61	18.00	-0.676
124	18.00	-0.676
9	17.30	-0.360
64	16.85	-0.155
61	16.50	0.000
Median	16.50	0.000
102	15.85	0.293
24	14.95	0.698
43	14.40	0.946
43	14.35	0.968
Std Dev	14.28	1.000
87	12.51	1.799

291.30 Total Nickel		
Lab	PPM	ICP
87	<1	0.000

Lab	PPM	Total Selenium ICP
270	12.50	-1.142
Std Dev	12.31	-1.000
9	11.80	-0.609
64	11.76	-0.579
61	11.00	0.000
61	11.00	0.000
Median	11.00	0.000
102	10.20	0.609
43	10.00	0.761
43	10.00	0.761
Std Dev	9.69	1.000
124	9.51	1.134

Lab	PPM	Total Nickel Other
291.99		
Lab	PPM	Other
24	11.35	0.000
Median	11.35	0.000

Lab	PPM	Total Nickel Total Method
291.XX		
Lab	PPM	Total Method
87	<1	0.000
270	12.50	-1.250
Std Dev	12.20	-1.000
9	11.80	-0.667
64	11.76	-0.634
24	11.35	-0.292
61	11.00	0.000
61	11.00	0.000
Median	11.00	0.000
102	10.20	0.667
43	10.00	0.834
43	10.00	0.834
Std Dev	9.80	1.000
124	9.51	1.242

Lab	PPM	Total Selenium ICP
301.30		
Lab	PPM	ICP
102	<5	0.000
87	<4.6	0.000
24	<0.50	0.000
124	<0.5	0.000
270	0.50	0.000
Median	0.50	0.000

Lab	PPM	Total Selenium Total Method
301.XX		
Lab	PPM	Total Method
102	<5	0.000
87	<4.6	0.000
24	<0.50	0.000
124	<0.5	0.000
270	0.50	0.000
Median	0.50	0.000

Lab	%Na ₂ O	Sodium Atomic Absorbion
311.00		
Lab	%Na ₂ O	Atomic Absorbion
241	0.55	-1.624
Std Dev	0.51	-1.000
61	0.45	0.000
Median	0.45	0.000
Std Dev	0.39	1.000
61	0.39	1.056

Lab	%Na ₂ O	Sodium Other
311.99		
Lab	%Na ₂ O	Other
124	3041.50	#####
87	0.43	-1.050
Std Dev	0.43	-1.000
23	0.42	-0.655
23	0.41	-0.253
102	0.40	0.000
Median	0.40	0.000
24	0.38	0.417
43	0.37	0.685
43	0.37	0.685
Std Dev	0.36	1.000
24	0.35	1.221

Lab	%Na ₂ O	Sodium Total Method
311.XX		
Lab	%Na ₂ O	Total Method
124	3041.50	#####
241	0.55	-3.287
61	0.45	-1.092
Std Dev	0.45	-1.000
87	0.43	-0.756
23	0.42	-0.433
23	0.41	-0.104
Median	0.40	0.000
102	0.40	0.104

Lab	PPM	Acid Soluble Zinc ICP
61	0.39	0.335
24	0.38	0.445
43	0.37	0.665
43	0.37	0.665
Std Dev	0.35	1.000
24	0.35	1.104

Lab	PPM	Acid Soluble Zinc ICP
321.30		
Lab	PPM	ICP
64	70.00	-1.946
124	66.30	-1.098
Std Dev	65.87	-1.000
87	64.44	-0.673
270	62.00	-0.114
Median	61.50	0.000
61	61.00	0.114
102	59.40	0.481
61	58.00	0.801
Std Dev	57.13	1.000
9	55.50	1.373

Lab	PPM	Acid Soluble Zinc Other
321.99		
Lab	PPM	Other
43	60.00	-1.340
Std Dev	59.37	-1.000
Median	57.50	0.000
Std Dev	55.63	1.000
43	55.00	1.340

Lab	PPM	Acid Soluble Zinc Total Method
321.XX		
Lab	PPM	Total Method
64	70.00	-2.323
124	66.30	-1.417
Std Dev	64.59	-1.000
87	64.44	-0.963
270	62.00	-0.367
61	61.00	-0.122
Median	60.50	0.000
43	60.00	0.122
102	59.40	0.269
61	58.00	0.611
Std Dev	56.41	1.000
9	55.50	1.223
43	55.00	1.345

Lab	%	Fluoride Volumetric
325.00		
Lab	%	Volumetric
9	2.23	0.000
Median	2.23	0.000

Lab	%	Fluoride Electrode
325.10		
Lab	%	Electrode
124	5.35	-10.058
34	2.33	-0.536
220	2.32	-0.510
31	2.28	-0.363
24	2.18	-0.063
23	2.17	-0.016
23	2.16	0.000
Median	2.16	0.000
270	2.10	0.189
24	2.07	0.284
14	1.85	0.977
14	1.85	0.993
102	1.77	1.245
79	0.41	5.518

Lab	%	Fluoride Other
325.99		
Lab	%	Other
61	2.38	-1.340
Median	2.33	0.000
61	2.28	1.340

Lab	%	Fluoride Total Method
325.XX		
Lab	%	Total Method
124	5.35	-15.460
61	2.38	-0.985
34	2.33	-0.766
220	2.32	-0.726
61	2.28	-0.523
31	2.28	-0.499
9	2.23	-0.255
24	2.18	-0.036
Median	2.17	0.000
23	2.17	0.036
23	2.16	0.061
270	2.10	0.353
24	2.07	0.499

14	1.85	1.569
14	1.85	1.593
102	1.77	1.983
79	0.41	8.575