

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
31	11.23	-0.918
79	11.14	-0.496
123	11.04	0.000
Median	11.04	0.000
49	10.87	0.844
Std Dev	10.84	1.000
242	10.49	2.754

001.99 Ammoniacal Nitrogen		
Lab	Other	
28	11.21	-0.736
28	11.17	-0.265
61	11.17	-0.265
23	11.15	-0.029
32	11.15	-0.029
Median	11.15	0.000
23	11.15	0.029
24	11.07	0.913
Std Dev	11.06	1.000
24	11.05	1.207
18	10.92	2.739
38	10.42	8.629

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
31	11.23	-0.624
28	11.21	-0.514
28	11.17	-0.220
61	11.17	-0.220
23	11.15	-0.073
32	11.15	-0.073
23	11.15	-0.037
79	11.14	0.000
Median	11.14	0.000
24	11.07	0.514
24	11.05	0.698
123	11.04	0.734
Std Dev	11.00	1.000
18	10.92	1.652
49	10.87	1.982
242	10.49	4.809
38	10.42	5.323

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
43	11.21	-0.536
18	11.20	0.000
43	11.20	0.000
Median	11.20	0.000
Std Dev	11.18	1.000
49	11.11	4.824

010.12 Total Nitrogen		
Lab	Salicylic	
107	11.00	0.000
Median	11.00	0.000

010.17 Total Nitrogen		
Lab	Comprehensive	
61	11.25	0.000
Median	11.25	0.000

010.60 Total Nitrogen		
Lab	Combustion	
29	11.43	-2.271
77	11.37	-1.787
39	11.28	-1.117
40	11.27	-1.079
Std Dev	11.26	-1.000
9	11.24	-0.856
63	11.24	-0.856
63	11.23	-0.782
31	11.22	-0.670
42	11.22	-0.670
104	11.20	-0.558
64	11.20	-0.521
47	11.19	-0.484
65	11.17	-0.335
38	11.16	-0.223
123	11.13	0.000
Median	11.13	0.000
99	11.12	0.037
49	11.11	0.149
75	11.09	0.261
270	11.08	0.335
14	11.06	0.484

44	11.06	0.484
14	11.04	0.670
66	11.03	0.707
Std Dev	10.99	1.000
24	10.94	1.377
24	10.92	1.563
103	10.91	1.638
80	10.90	1.675
102	10.90	1.675
87	10.68	3.313

010.99 Total Nitrogen		
Lab	Other	
34	11.28	-1.340
Std Dev	11.27	-1.000
Median	11.24	0.000
Std Dev	11.20	1.000
32	11.19	1.340

010.XX Total Nitrogen		
Lab	Total Method	
29	11.43	-2.248
77	11.37	-1.686
Std Dev	11.29	-1.000
34	11.28	-0.951
39	11.28	-0.908
40	11.27	-0.865
61	11.25	-0.692
9	11.24	-0.605
63	11.24	-0.605
63	11.23	-0.519
31	11.22	-0.389
42	11.22	-0.389
43	11.21	-0.303
104	11.20	-0.259
18	11.20	-0.216
43	11.20	-0.216
64	11.20	-0.216
32	11.19	-0.173
47	11.19	-0.173
65	11.17	0.000
Median	11.17	0.000
38	11.16	0.130
123	11.13	0.389

99	11.12	0.432
49	11.11	0.562
49	11.11	0.562
75	11.09	0.692
270	11.08	0.778
14	11.06	0.951
44	11.06	0.951
Std Dev	11.05	1.000
14	11.04	1.167
66	11.03	1.210
107	11.00	1.470
24	10.94	1.988
24	10.92	2.205
103	10.91	2.291
80	10.90	2.334
102	10.90	2.334
87	10.68	4.236

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
79	53.23	-1.340
Std Dev	53.21	-1.000
Median	53.16	0.000
Std Dev	53.11	1.000
18	53.10	1.340

020.20 Total Phosphate		
Lab	Spectrometric	
9	53.21	-2.578
123	53.14	-2.312
242	52.93	-1.432
31	52.88	-1.227
34	52.83	-1.043
Std Dev	52.82	-1.000
23	52.74	-0.675
18	52.69	-0.450
24	52.67	-0.389
23	52.65	-0.286
43	52.58	0.000
Median	52.58	0.000
244	52.56	0.061
220	52.55	0.106
43	52.55	0.123
24	52.51	0.286

32	52.41	0.675
Std Dev	52.33	1.000
270	52.18	1.616
102	52.06	2.107
99	51.84	3.007
110	51.45	4.603

020.30	Total Phosphate	
Lab	Alka. Quimociac	
40	53.36	0.000
Median	53.36	0.000

020.40	Total Phosphate	
Lab	Automated	
9	53.31	-3.466
Std Dev	53.04	-1.000
14	52.94	-0.046
14	52.93	0.000
Median	52.93	0.000
Std Dev	52.82	1.000
61	52.79	1.294
61	52.70	2.126

020.99	Total Phosphate	
Lab	Other	
28	52.70	-1.340
Std Dev	52.66	-1.000
Median	52.55	0.000
Std Dev	52.44	1.000
28	52.40	1.340

020.XX	Total Phosphate	
Lab	Total Method	
40	53.36	-2.297
9	53.31	-2.106
79	53.23	-1.845
9	53.21	-1.758
123	53.14	-1.531
18	53.10	-1.375
Std Dev	52.99	-1.000
14	52.94	-0.818
14	52.93	-0.801
242	52.93	-0.783
31	52.88	-0.609

34	52.83	-0.452
61	52.79	-0.313
23	52.74	-0.139
28	52.70	0.000
61	52.70	0.000
Median	52.70	0.000
18	52.69	0.052
24	52.67	0.104
23	52.65	0.191
43	52.58	0.435
244	52.56	0.487
220	52.55	0.525
43	52.55	0.539
24	52.51	0.679
Std Dev	52.41	1.000
32	52.41	1.009
28	52.40	1.044
270	52.18	1.810
102	52.06	2.228
99	51.84	2.993
110	51.45	4.351

030.10	Insoluble Phosphate	
Lab	Gravimetric Quimociac	
79	0.14	0.000
Median	0.14	0.000

030.20	Insoluble Phosphate	
Lab	Spectrometric	
43	0.30	-2.680
31	0.27	-1.693
Std Dev	0.24	-1.000
18	0.24	-0.846
23	0.23	-0.705
24	0.23	-0.705
24	0.21	0.000
Median	0.21	0.000
43	0.20	0.141
32	0.19	0.423
18	0.18	0.705
Std Dev	0.17	1.000
23	0.14	1.834
9	0.10	2.962

030.40	Insoluble Phosphate	
Lab	Automated	
34	0.11	-1.340
Std Dev	0.10	-1.000
61	0.09	0.000
Median	0.09	0.000
Std Dev	0.08	1.000
61	0.07	1.340

030.50	Insoluble Phosphate	
Lab	ICP	
14	0.10	-1.340
Std Dev	0.09	-1.000
Median	0.09	0.000
Std Dev	0.09	1.000
14	0.09	1.340

030.99	Insoluble Phosphate	
Lab	Other	
28	0.35	-1.340
Std Dev	0.34	-1.000
Median	0.30	0.000
Std Dev	0.26	1.000
28	0.25	1.340

030.XX	Insoluble Phosphate	
Lab	Total Method	
28	0.35	-1.682
43	0.30	-1.156
Std Dev	0.29	-1.000
31	0.27	-0.788
28	0.25	-0.578
18	0.24	-0.473
23	0.23	-0.420
24	0.23	-0.420
24	0.21	-0.158
43	0.20	-0.105
32	0.19	0.000
Median	0.19	0.000
18	0.18	0.105
23	0.14	0.525
79	0.14	0.525
34	0.11	0.841
9	0.10	0.946

14	0.10	0.998
Std Dev	0.09	1.000
14	0.09	1.051
61	0.09	1.051
61	0.07	1.261

040.20	Indirect Available Phosphate	
Lab	Spectrometric	
9	53.21	-4.437
9	53.10	-3.782
Std Dev	52.63	-1.000
31	52.61	-0.864
23	52.51	-0.268
23	52.47	0.000
Median	52.47	0.000
24	52.44	0.149
43	52.39	0.476
43	52.31	0.923
24	52.30	0.983

040.40	Indirect Available Phosphate	
Lab	Automated	
14	52.84	-0.711
14	52.82	-0.492
Median	52.78	0.000
61	52.73	0.492
Std Dev	52.68	1.000
61	52.62	1.696

040.99	Indirect Available Phosphate	
Lab	Other	
79	53.09	-0.987
34	52.73	-0.438
Median	52.44	0.000
28	52.16	0.438
Std Dev	51.79	1.000
38	51.30	1.742

040.XX	Indirect Available Phosphate	
Lab	Total Method	
9	53.21	-1.848
9	53.10	-1.509
79	53.09	-1.479
Std Dev	52.93	-1.000

14	52.84	-0.709
14	52.82	-0.647
34	52.73	-0.370
61	52.73	-0.370
61	52.62	-0.031
31	52.61	0.000
Median	52.61	0.000
23	52.51	0.308
23	52.47	0.447
24	52.44	0.524
43	52.39	0.693
43	52.31	0.924
24	52.30	0.955
Std Dev	52.29	1.000
28	52.16	1.402
38	51.30	4.035

041.10 Direct Available Phosphate		
Lab		Gravimetric Quimociac
47	53.13	-0.613
49	53.09	-0.440
39	53.07	-0.383
44	52.97	0.000
Median	52.97	0.000
87	52.74	0.881
107	52.72	0.976
Std Dev	52.71	1.000
104	52.22	2.871

041.20 Direct Available Phosphate		
Lab		Spectrometric
47	51.37	-1.340
Std Dev	51.29	-1.000
Median	51.07	0.000
Std Dev	50.85	1.000
220	50.77	1.340

041.40 Direct Available Phosphate		
Lab		Automated
39	53.01	-1.979
Std Dev	52.81	-1.000
49	52.62	0.000
Median	52.62	0.000
42	52.48	0.701

041.50 Direct Available Phosphate		
Lab		ICP
63	54.62	-1.219
63	54.57	-1.190
Std Dev	54.24	-1.000
80	52.50	0.000
Median	52.50	0.000
66	52.24	0.150
87	50.94	0.900

041.60 Direct Available Phosphate		
Lab		EDTA Extract
77	53.27	-1.340
Std Dev	53.23	-1.000
Median	53.12	0.000
Std Dev	53.01	1.000
29	52.97	1.340

041.XX Direct Available Phosphate		
Lab		Total Method
63	54.62	-3.499
63	54.57	-3.406
Std Dev	53.28	-1.000
77	53.27	-0.977
47	53.13	-0.726
49	53.09	-0.642
39	53.07	-0.614
39	53.01	-0.502
29	52.97	-0.428
44	52.97	-0.428
87	52.74	0.000
Median	52.74	0.000
107	52.72	0.047
49	52.62	0.233
80	52.50	0.447
42	52.48	0.493
66	52.24	0.931
104	52.22	0.968
Std Dev	52.20	1.000
47	51.37	2.550
87	50.94	3.359
220	50.77	3.663

048.10 Water Soluble Phosphate		
Lab		Gravimetric Quimociac
79	48.10	0.000
Median	48.10	0.000

048.20 Water Soluble Phosphate		
Lab		Spectrometric
31	48.48	-0.905
18	48.27	-0.447
18	48.23	-0.346
24	48.19	-0.268
23	48.18	-0.246
23	48.08	-0.022
24	48.07	0.000
Median	48.07	0.000
43	48.07	0.011
43	47.99	0.179
Std Dev	47.62	1.000
32	47.59	1.072
9	47.53	1.206
220	47.48	1.307
244	46.60	3.294

048.99 Water Soluble Phosphate		
Lab		Other
123	50.70	-9.652
61	48.38	-1.249
Std Dev	48.31	-1.000
14	48.04	0.000
Median	48.04	0.000
61	48.01	0.091
14	48.00	0.127

048.XX Water Soluble Phosphate		
Lab		Total Method
123	50.70	-16.584
31	48.48	-2.554
61	48.38	-1.955
18	48.27	-1.261
Std Dev	48.23	-1.000
18	48.23	-0.977
24	48.19	-0.757
23	48.18	-0.694
79	48.10	-0.189

23	48.08	-0.063
24	48.07	0.000
Median	48.07	0.000
43	48.07	0.032
14	48.04	0.221
61	48.01	0.378
14	48.00	0.441
43	47.99	0.504
Std Dev	47.91	1.000
32	47.59	3.027
9	47.53	3.405
220	47.48	3.690
244	46.60	9.301

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	0.11	0.000
Median	0.11	0.000

050.99 Soluble Potash		
Lab	%K ₂ O	Other
23	0.15	-2.941
23	0.14	-1.601
Std Dev	0.13	-1.000
61	0.13	-0.931
43	0.12	-0.040
43	0.12	0.000
Median	0.12	0.000
102	0.12	0.288
24	0.12	0.409
24	0.12	0.409
Std Dev	0.12	1.000
61	0.11	1.749

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
87	<0.1	0.000
23	0.15	0.000
23	0.14	0.000

61	0.13	0.000
Std Dev	0.00	-1.000
43	0.12	0.000
43	0.12	0.000
Median	0.00	0.000
102	0.12	0.000
24	0.12	0.000
24	0.12	0.000
Std Dev	0.00	1.000
61	0.11	0.000
87	0.11	0.000

060.00	Free Water	
Lab	Vacuum Oven	
32	1.12	-2.095
24	1.01	-1.559
24	0.92	-1.121
Std Dev	0.90	-1.000
123	0.86	-0.804
23	0.81	-0.560
23	0.78	-0.439
31	0.74	-0.219
43	0.69	0.000
Median	0.69	0.000
43	0.65	0.219
9	0.63	0.317
34	0.57	0.585
14	0.54	0.731
14	0.50	0.926
79	0.49	0.975
Std Dev	0.48	1.000
220	0.42	1.316

060.10	Free Water	
Lab	Vacuum Desiccate	
61	0.52	-1.340
Std Dev	0.51	-1.000
Median	0.49	0.000
Std Dev	0.47	1.000
61	0.46	1.340

060.99	Free Water	
Lab	Other	
28	0.90	-1.340

Std Dev	0.88	-1.000
Median	0.83	0.000
Std Dev	0.78	1.000
28	0.76	1.340

060.XX	Free Water	
Lab	Total Method	
32	1.12	-1.921
24	1.01	-1.429
24	0.92	-1.027
Std Dev	0.91	-1.000
28	0.90	-0.916
123	0.86	-0.737
23	0.81	-0.514
23	0.78	-0.402
28	0.76	-0.313
31	0.74	-0.201
43	0.69	0.000
Median	0.69	0.000
43	0.65	0.201
9	0.63	0.290
34	0.57	0.536
14	0.54	0.670
61	0.52	0.759
14	0.50	0.849
79	0.49	0.893
Std Dev	0.47	1.000
61	0.46	1.027
220	0.42	1.206

101.00	Acid Soluble Calcium	
Lab	%CaO Atomic Absorption	
242	0.05	0.000
Median	0.05	0.000

101.30	Acid Soluble Calcium	
Lab	%CaO ICP	
31	0.99	-2.792
23	0.97	-1.861
9	0.95	-1.163
39	0.95	-1.140
Std Dev	0.95	-1.000
14	0.94	-0.698
14	0.94	-0.698

23	0.94	-0.698
61	0.93	-0.233
24	0.93	0.000
Median	0.93	0.000
32	0.92	0.233
61	0.92	0.233
24	0.92	0.465
102	0.91	0.642
Std Dev	0.90	1.000
34	0.89	1.628
43	0.88	2.037
43	0.88	2.255
79	0.85	3.490

101.XX	Acid Soluble Calcium	
Lab	%CaO Total Method	
31	0.99	-1.874
23	0.97	-1.274
Std Dev	0.96	-1.000
9	0.95	-0.824
39	0.95	-0.809
14	0.94	-0.525
14	0.94	-0.525
23	0.94	-0.525
61	0.93	-0.225
24	0.93	-0.075
Median	0.92	0.000
32	0.92	0.075
61	0.92	0.075
24	0.92	0.225
102	0.91	0.339
34	0.89	0.974
Std Dev	0.89	1.000
43	0.88	1.238
43	0.88	1.378
79	0.85	2.173
242	0.05	26.245

121.00	Acid Soluble Magnesium	
Lab	%MgO Atomic Absorption	
242	0.03	0.000
Median	0.03	0.000

121.30	Acid Soluble Magnesium	
Lab	%MgO ICP	
32	1.58	-1.256
Std Dev	1.56	-1.000
23	1.56	-0.921
102	1.55	-0.812
23	1.55	-0.754
24	1.53	-0.419
24	1.53	-0.335
14	1.52	-0.168
9	1.51	-0.084
14	1.51	0.000
Median	1.51	0.000
34	1.48	0.419
39	1.46	0.754
31	1.46	0.837
61	1.45	0.921
61	1.45	0.921
Std Dev	1.45	1.000
43	1.35	2.596
43	1.33	3.015
79	1.11	6.616

121.99	Acid Soluble Magnesium	
Lab	%MgO Other	
18	1.53	0.000
Median	1.53	0.000

121.XX	Acid Soluble Magnesium	
Lab	%MgO Total Method	
32	1.58	-1.297
Std Dev	1.56	-1.000
23	1.56	-0.951
102	1.55	-0.839
23	1.55	-0.778
24	1.53	-0.432
18	1.53	-0.346
24	1.53	-0.346
14	1.52	-0.173
9	1.51	-0.086
14	1.51	0.000
Median	1.51	0.000
34	1.48	0.432
39	1.46	0.778

31	1.46	0.865
61	1.45	0.951
61	1.45	0.951
Std Dev	1.45	1.000
43	1.35	2.680
43	1.33	3.112
79	1.11	6.830
242	0.03	25.434

144..01		Sulfate Sulfur (S)
Lab		Gravimetric
220	1.87	-2.128
Std Dev	1.83	-1.000
61	1.80	-0.079
Median	1.80	0.000
244	1.80	0.079
Std Dev	1.77	1.000
61	1.71	2.759

144.02		Sulfate Sulfur (S)
Lab		Gravimetric
18	1.84	0.000
Median	1.84	0.000

144.99		Sulfate Sulfur (S)
Lab		Other
43	5.76	-78.294
43	5.75	-78.007
32	4.68	-57.620
242	1.76	-1.627
Std Dev	1.72	-1.000
14	1.69	-0.287
14	1.68	-0.191
9	1.67	0.000
23	1.67	0.000
34	1.67	0.000
Median	1.67	0.000
23	1.67	0.096
24	1.67	0.096
24	1.64	0.670
Std Dev	1.62	1.000
31	1.57	1.914
270	1.57	1.914
102	1.54	2.443

144.XX		Sulfate Sulfur (S)
Lab		Total Method
43	5.76	-37.682
43	5.75	-37.543
32	4.68	-27.701
220	1.87	-1.687
18	1.84	-1.456
61	1.80	-1.086
244	1.80	-1.040
Std Dev	1.79	-1.000
242	1.76	-0.670
61	1.71	-0.254
14	1.69	-0.023
Median	1.68	0.000
14	1.68	0.023
9	1.67	0.116
23	1.67	0.116
34	1.67	0.116
23	1.67	0.162
24	1.67	0.162
24	1.64	0.439
Std Dev	1.57	1.000
31	1.57	1.040
270	1.57	1.040
102	1.54	1.295

151.30		Total Arsenic
Lab		ICP
102	<5	0.000
270	20.50	-0.991
64	18.60	-0.579
Median	15.93	0.000
9	13.25	0.579
24	11.80	0.893

151.99		Total Arsenic
Lab		Other
18	17.00	-0.449
61	16.00	0.000
Median	16.00	0.000
Std Dev	13.77	1.000
242	11.04	2.231

151.30		Total Arsenic
Lab		ICP
61	153.00	-1.292
61	153.00	-1.292
Std Dev	151.19	-1.000
9	151.00	-0.969

151.XX		Total Arsenic
Lab		Total Method
102	<5	0.000
270	20.50	-1.143
Std Dev	19.94	-1.000
64	18.60	-0.660
18	17.00	-0.254
61	16.00	0.000
Median	16.00	0.000
9	13.25	0.699
Std Dev	12.06	1.000
24	11.80	1.067
242	11.04	1.261

165.99		Acid Soluble Boron
Lab	PPM	Other
102	34.00	-1.340
Std Dev	33.58	-1.000
Median	32.35	0.000
Std Dev	31.12	1.000
24	30.70	1.340

165.XX, ppm		Acid Soluble Boron
Lab	PPM	Total Method
102	34.00	-1.340
Std Dev	33.58	-1.000
Median	32.35	0.000
Std Dev	31.12	1.000
24	30.70	1.340

181.00		Total Cadmium
Lab		Atomic Absorbtion
220	152.40	-1.734
Std Dev	149.27	-1.000
18	145.00	0.000
Median	145.00	0.000
242	140.96	0.946

181.30		Total Cadmium
Lab	PPM	ICP
61	153.00	-1.292
61	153.00	-1.292
Std Dev	151.19	-1.000
9	151.00	-0.969

64	148.97	-0.641
79	145.00	0.000
Median	145.00	0.000
43	143.20	0.291
43	142.70	0.371
102	142.00	0.484
Std Dev	138.81	1.000
270	131.00	2.260

181.99		Total Cadmium
Lab		Other
24	157.00	0.000
Median	157.00	0.000

181.XX		Total Cadmium
Lab	PPM	Total Method
24	157.00	-1.658
61	153.00	-1.105
61	153.00	-1.105
220	152.40	-1.022
Std Dev	152.24	-1.000
9	151.00	-0.829
64	148.97	-0.548
18	145.00	0.000
79	145.00	0.000
Median	145.00	0.000
43	143.20	0.249
43	142.70	0.318
102	142.00	0.414
242	140.96	0.558
Std Dev	137.76	1.000
270	131.00	1.934

190.00		Aluminum
Lab	%Al ₂ O ₃	ICP
9	1.40	-0.915
14	1.40	-0.915
14	1.40	-0.850
23	1.36	-0.392
34	1.36	-0.392
23	1.35	-0.196
24	1.34	-0.065
24	1.33	0.000
Median	1.33	0.000

61	1.30	0.392
61	1.28	0.654
43	1.28	0.719
Std Dev	1.25	1.000
43	1.24	1.177
102	1.09	3.124
79	0.98	4.576
32	0.78	7.190

190.99	Aluminum	
Lab	%Al ₂ O ₃	Atomic Absorption
18	1.36	0.000
31	1.36	0.000
Median	1.36	0.000
Std Dev	1.23	1.000
242	1.02	2.680

190.XX	Aluminum	
Lab	%Al ₂ O ₃	Total Method
9	1.40	-0.813
14	1.40	-0.813
14	1.40	-0.753
18	1.36	-0.331
23	1.36	-0.331
31	1.36	-0.331
34	1.36	-0.331
23	1.35	-0.151
24	1.34	-0.030
Median	1.33	0.000
24	1.33	0.030
61	1.30	0.391
61	1.28	0.632
43	1.28	0.693
Std Dev	1.25	1.000
43	1.24	1.114
102	1.09	2.909
242	1.02	3.764
79	0.98	4.246
32	0.78	6.655

191.00	Total Chromium	
Lab	Atomic Absorption	
18	517.50	0.000
Median	517.50	0.000

191.30	Total Chromium	
Lab	ICP	
64	463.02	-1.771
9	462.50	-1.645
Std Dev	459.85	-1.000
61	458.00	-0.548
43	456.00	-0.061
Median	455.75	0.000
43	455.50	0.061
61	454.00	0.426
31	452.50	0.792
Std Dev	451.65	1.000
102	398.00	14.070

191.99	Total Chromium	
Lab	PPM	Other
24	450.00	0.000
Median	450.00	0.000

191.XX	Total Chromium	
Lab	PPM	Total Method
18	517.50	-9.735
64	463.02	-1.146
9	462.50	-1.064
Std Dev	462.09	-1.000
61	458.00	-0.355
43	456.00	-0.039
Median	455.75	0.000
43	455.50	0.039
61	454.00	0.276
31	452.50	0.512
24	450.00	0.906
Std Dev	449.41	1.000
102	398.00	9.104

202.00	Acid Soluble Cobalt	
Lab	Atomic Absorption	
242	3.55	0.000
Median	3.55	0.000

202.30	Acid Soluble Cobalt	
Lab	PPM	ICP
61	5.00	-0.957

61	5.00	-0.957
64	4.94	-0.780
270	4.75	-0.221
Median	4.68	0.000
9	4.60	0.221
43	4.50	0.515
43	4.50	0.515
102	4.45	0.663

202.99	Acid Soluble Cobalt	
Lab	Other	
24	4.95	0.000
Median	4.95	0.000

202.XX	Acid Soluble Cobalt	
Lab	PPM	Total Method
61	5.00	-0.973
61	5.00	-0.973
24	4.95	-0.823
64	4.94	-0.794
270	4.75	-0.225
Median	4.68	0.000
9	4.60	0.225
43	4.50	0.524
43	4.50	0.524
102	4.45	0.674
Std Dev	4.34	1.000
242	3.55	3.369

221.30	Acid Soluble Copper	
Lab	PPM	ICP
270	97.50	-3.547
9	91.75	-1.281
Std Dev	91.04	-1.000
102	89.95	-0.571
61	89.00	-0.197
Median	88.50	0.000
61	88.00	0.197
43	87.00	0.591
43	87.00	0.591
79	87.00	0.591

221.99	Acid Soluble Copper	
Lab	Other	
61	0.90	1.143

24	88.50	0.000
Median	88.50	0.000

221.XX	Acid Soluble Copper	
Lab	PPM	Total Method
270	97.50	-4.088
9	91.75	-1.476
Std Dev	90.70	-1.000
102	89.95	-0.659
61	89.00	-0.227
24	88.50	0.000
Median	88.50	0.000
61	88.00	0.227
43	87.00	0.681
43	87.00	0.681
79	87.00	0.681

241.00	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	Atomic Absorption
18	1.00	-1.040
Std Dev	1.00	-1.000
220	0.89	0.000
Median	0.89	0.000
Std Dev	0.79	1.000
242	0.73	1.640

241.30	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	ICP
9	1.03	-1.454
Std Dev	1.00	-1.000
34	0.98	-0.519
14	0.97	-0.312
14	0.97	-0.312
39	0.96	-0.197
23	0.96	-0.104
32	0.96	-0.104
23	0.96	0.000
24	0.96	0.000
31	0.96	0.000
Median	0.96	0.000
24	0.95	0.104
61	0.91	0.935
Std Dev	0.91	1.000
61	0.90	1.143

241.XX Lab	%Fe ₂ O ₃	Acid Soluble Iron Total Method
9	1.03	-1.316
Std Dev	1.01	-1.000
18	1.00	-0.846
34	0.98	-0.470
14	0.97	-0.282
14	0.97	-0.282
39	0.96	-0.179
23	0.96	-0.094
32	0.96	-0.094
23	0.96	0.000
24	0.96	0.000
31	0.96	0.000
Median	0.96	0.000
24	0.95	0.094
61	0.91	0.846
Std Dev	0.90	1.000
61	0.90	1.034
43	0.90	1.128
220	0.89	1.159
43	0.89	1.222
102	0.88	1.423
79	0.86	1.880
242	0.73	4.323

251.00 Lab	Total Lead Atomic Absorbtion
242	14.92 0.000
Median	14.92 0.000

251.30 Lab	PPM	Total Lead ICP
102	<5	0.000
61	4.00	-0.536
61	4.00	-0.536
9	3.60	0.000
Median	3.60	0.000
43	3.00	0.804

251.99 Lab	PPM	Total Lead Other
270	3.00	-0.597
18	2.95	-0.544
Median	2.43	0.000
24	1.91	0.544
Std Dev	1.47	1.000
79	1.00	1.497

251.XX Lab	PPM	Total Lead Total Method
102	<5	0.000
242	14.92	-17.031
61	4.00	-1.429
61	4.00	-1.429
Std Dev	3.70	-1.000
9	3.60	-0.858
43	3.00	0.000
43	3.00	0.000
270	3.00	0.000
Median	3.00	0.000
18	2.95	0.071
Std Dev	2.30	1.000
24	1.91	1.558
79	1.00	2.859

261.00 Lab	Acid Soluble Manganese Atomic Absorption
18	175.00 0.000
Median	175.00 0.000

261.30 Lab	PPM	Acid Soluble Manganese ICP
9	174.50	-2.967
Std Dev	169.36	-1.000
61	168.00	-0.479
61	167.00	-0.096
Median	166.75	0.000
39	166.50	0.096
Std Dev	164.14	1.000
31	163.50	1.244
102	160.00	2.584

261.99 Lab	PPM	Acid Soluble Manganese Other
43	165.00	-0.223
43	164.50	0.000
Median	164.50	0.000
Std Dev	162.26	1.000
24	159.00	2.457

261.XX Lab	PPM	Acid Soluble Manganese Total Method
18	175.00	-3.099
9	174.50	-2.931
Std Dev	168.74	-1.000
61	168.00	-0.754
61	167.00	-0.419
39	166.50	-0.251
Median	165.75	0.000
43	165.00	0.251
43	164.50	0.419
31	163.50	0.754
Std Dev	162.76	1.000
102	160.00	1.926
24	159.00	2.261

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

281.99 Lab	PPM	Total Mercury Other
18	<0.02	0.000
102	<.4	0.000
79	<.05	0.000
242	0.42	0.000
Median	0.42	0.000

281.XX Lab	PPM	Total Mercury Total Method
24	<0.12	0.000
18	<0.02	0.000
102	<.4	0.000
79	<.05	0.000

242	0.42	0.000
Median	0.42	0.000

289.30 Lab	PPM	Total Molybdenum ICP
270	13.00	-1.703
Std Dev	12.21	-1.000
64	11.96	-0.783
9	11.95	-0.774
102	11.15	-0.066
Median	11.08	0.000
61	11.00	0.066
61	11.00	0.066
Std Dev	9.94	1.000
43	8.75	2.056
43	8.50	2.278

289.99 Lab	PPM	Total Molybdenum Other
24	13.20	0.000
Median	13.20	0.000

289.XX Lab	PPM	Total Molybdenum Total Method
24	13.20	-2.861
270	13.00	-2.582
64	11.96	-1.131
9	11.95	-1.117
Std Dev	11.87	-1.000
102	11.15	0.000
Median	11.15	0.000
61	11.00	0.209
61	11.00	0.209
Std Dev	10.43	1.000
43	8.75	3.350
43	8.50	3.699

291.00 Lab	Total Nickel Atomic Absorbtion
18	260.00 -1.340
Std Dev	256.97 -1.000
Median	248.08 0.000
Std Dev	239.18 1.000
242	236.15 1.340

291.30 Total Nickel		
Lab	PPM	ICP
9	265.00	-1.359
Std Dev	262.62	-1.000
64	260.25	-0.642
61	256.00	0.000
61	256.00	0.000
Median	256.00	0.000
43	249.50	0.981
Std Dev	249.38	1.000
43	249.00	1.057
102	244.50	1.736

291.99 Total Nickel		
Lab	PPM	Other
24	262.00	0.000
Median	262.00	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
9	265.00	-1.090
Std Dev	264.26	-1.000
24	262.00	-0.727
64	260.25	-0.515
18	260.00	-0.485
61	256.00	0.000
61	256.00	0.000
Median	256.00	0.000
43	249.50	0.787
43	249.00	0.848
Std Dev	247.74	1.000
102	244.50	1.393
242	236.15	2.404

301.30 Total Selenium		
Lab	PPM	ICP
102	<5	0.000
24	0.36	-1.340
Std Dev	0.31	-1.000
Median	0.18	0.000
Std Dev	0.05	1.000
270	0.00	1.340

301.99 Total Selenium		
Lab	PPM	Other
242	2.27	0.000
Median	2.27	0.000

301.XX Total Selenium		
Lab	PPM	Total Mthod
102	<5	0.000
242	2.27	-2.254
Std Dev	1.21	-1.000
24	0.36	0.000
Median	0.36	0.000
270	0.00	0.426

311.00 Sodium		
Lab	%Na ₂ O	Atomic Absorbtion
61	0.18	0.000
61	0.18	0.000
Median	0.18	0.000

311.99 Sodium		
Lab	%Na ₂ O	Other
23	0.21	-0.603
23	0.20	-0.037
24	0.20	-0.037
102	0.19	0.000
Median	0.19	0.000
Std Dev	0.18	1.000
24	0.18	1.096
43	0.17	1.510
43	0.17	1.541

311.XX Sodium		
Lab	%Na ₂ O	Total Method
23	0.21	-1.675
23	0.20	-1.005
24	0.20	-1.005
Std Dev	0.19	-1.000
102	0.19	-0.961
61	0.18	0.000
61	0.18	0.000
Median	0.18	0.000
24	0.18	0.335
43	0.17	0.825

43 0.17 0.861

321.00 Acid Soluble Zinc		
Lab	PPM	Atomic Absorption
242	1659.88	0.000
Median	1659.88	0.000

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
24	1734.00	-1.537
39	1730.00	-1.454
Std Dev	1708.07	-1.000
64	1681.50	-0.450
9	1675.50	-0.326
Median	1659.75	0.000
61	1644.00	0.326
61	1641.00	0.388
Std Dev	1611.43	1.000
102	1592.50	1.392
79	39.00	33.541

321.99 Acid Soluble Zinc		
Lab	PPM	Other
18	1800.00	-2.672
Std Dev	1696.75	-1.000
43	1635.00	0.000
Median	1635.00	0.000
43	1634.50	0.008

321.XX Acid Soluble Zinc		
Lab	PPM	Total Method
18	1800.00	-3.377
24	1734.00	-1.872
39	1730.00	-1.780
Std Dev	1695.78	-1.000
64	1681.50	-0.674
9	1675.50	-0.537
242	1659.88	-0.181
Median	1651.94	0.000
61	1644.00	0.181
61	1641.00	0.250
43	1635.00	0.386
43	1634.50	0.398
Std Dev	1608.10	1.000

102 1592.50 1.356
79 39.00 36.789

325.10 Fluoride		
Lab	%	Electrode
32	1.63	-2.783
Std Dev	1.54	-1.000
220	1.53	-0.653
24	1.52	-0.515
9	1.50	-0.103
34	1.50	-0.103
270	1.50	-0.103
24	1.50	0.000
Median	1.50	0.000
31	1.47	0.515
Std Dev	1.45	1.000
23	1.44	1.134
23	1.44	1.237
14	1.31	3.814
14	1.31	3.917
102	1.31	3.917

325.99 Fluoride		
Lab	%	Other
61	1.49	0.000
61	1.49	0.000
Median	1.49	0.000
Std Dev	1.46	1.000
18	1.40	2.680

325.XX Fluoride		
Lab	%	Total Method
32	1.63	-2.544
Std Dev	1.55	-1.000
220	1.53	-0.666
24	1.52	-0.545
9	1.50	-0.182
34	1.50	-0.182
270	1.50	-0.182
24	1.50	-0.091
61	1.49	0.000
61	1.49	0.000
Median	1.49	0.000
31	1.47	0.363

23	1.44	0.908
23	1.44	0.999
Std Dev	1.43	1.000
18	1.40	1.635
14	1.31	3.271
14	1.31	3.361
102	1.31	3.361