

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
123	17.52	0.000
Median	17.52	0.000

001.99 Ammoniacal Nitrogen		
Lab	Other	
28	18.00	-3.762
28	17.97	-3.505
61	17.73	-1.031
Std Dev	17.73	-1.000
31	17.71	-0.825
23	17.67	-0.412
24	17.64	-0.052
23	17.63	0.000
Median	17.63	0.000
34	17.63	0.000
140	17.62	0.103
61	17.58	0.515
24	17.55	0.825
Std Dev	17.53	1.000
32	17.47	1.649
38	17.01	6.442

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
28	18.00	-3.432
28	17.97	-3.197
Std Dev	17.74	-1.000
61	17.73	-0.940
31	17.71	-0.752
23	17.67	-0.376
24	17.64	-0.047
23	17.63	0.000
Median	17.63	0.000
34	17.63	0.000
140	17.62	0.094
61	17.58	0.470
24	17.55	0.752
Std Dev	17.52	1.000
123	17.52	1.034
32	17.47	1.505
38	17.01	5.877

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
43	17.68	0.000
43	17.68	0.000
Median	17.68	0.000

010.12 Total Nitrogen		
Lab	Salicylic	
119	17.99	-1.340
Std Dev	17.97	-1.000
Median	17.90	0.000
Std Dev	17.82	1.000
107	17.80	1.340

010.60 Total Nitrogen		
Lab	Combustion	
63	18.10	-2.104
63	18.06	-1.844
47	18.03	-1.671
29	17.93	-1.124
29	17.93	-1.124
102	17.92	-1.037
Std Dev	17.91	-1.000
99	17.87	-0.749
31	17.85	-0.663
77	17.81	-0.403
44	17.77	-0.173
66	17.76	-0.144
9	17.75	-0.086
123	17.75	-0.086
49	17.74	0.000
75	17.74	0.000
Median	17.74	0.000
24	17.72	0.086
24	17.72	0.086
14	17.70	0.231
14	17.70	0.231
35	17.65	0.490
80	17.60	0.778
Std Dev	17.56	1.000
39	17.45	1.643
96	17.40	1.931
111	17.29	2.565
38	17.25	2.824

95	17.10	3.660
110	17.04	4.006

010.99 Total Nitrogen		
Lab	Other	
140	17.98	-2.556
Std Dev	17.88	-1.000
34	17.84	-0.330
Median	17.82	0.000
40	17.80	0.330
32	17.77	0.825

010.XX Total Nitrogen		
Lab	Total Method	
63	18.10	-2.642
63	18.06	-2.303
47	18.03	-2.076
119	17.99	-1.812
140	17.98	-1.699
29	17.93	-1.359
29	17.93	-1.359
102	17.92	-1.246
Std Dev	17.88	-1.000
99	17.87	-0.868
31	17.85	-0.755
34	17.84	-0.679
77	17.81	-0.415
40	17.80	-0.377
107	17.80	-0.377
32	17.77	-0.151
44	17.77	-0.113
66	17.76	-0.075
9	17.75	0.000
123	17.75	0.000
Median	17.75	0.000
49	17.74	0.113
75	17.74	0.113
24	17.72	0.226
24	17.72	0.226
14	17.70	0.415
14	17.70	0.415
43	17.68	0.528
43	17.68	0.528
35	17.65	0.755

Std Dev	17.62	1.000
80	17.60	1.132
39	17.45	2.265
96	17.40	2.642
111	17.29	3.473
38	17.25	3.812
95	17.10	4.907
110	17.04	5.360

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
241	47.18	-1.340
Std Dev	47.15	-1.000
Median	47.05	0.000
Std Dev	46.95	1.000
40	46.92	1.340

020.20 Total Phosphate		
Lab	Spectrometric	
140	46.79	-3.350
220	46.59	-1.726
102	46.51	-1.076
99	46.51	-1.035
Std Dev	46.50	-1.000
24	46.47	-0.751
14	46.41	-0.264
14	46.40	-0.183
31	46.38	-0.020
61	46.38	-0.020
61	46.38	-0.020
Median	46.38	0.000
9	46.38	0.020
23	46.37	0.061
34	46.34	0.305
24	46.33	0.426
23	46.29	0.711
Std Dev	46.25	1.000
32	46.17	1.685
110	46.11	2.213
43	45.93	3.675
43	45.89	3.959
95	44.15	18.090

020.30 Total Phosphate		
Lab	Alka. Quimociac	
111	45.77	0.000
Median	45.77	0.000

020.40 Total Phosphate		
Lab	Automated	
28	47.72	-1.340
Std Dev	47.58	-1.000
Median	47.19	0.000
Std Dev	46.79	1.000
96	46.65	1.340

020.50 Total Phosphate		
Lab	ICP	
9	46.37	0.000
Median	46.37	0.000

020.99 Total Phosphate		
Lab	Other	
123	46.43	-1.340
Std Dev	46.38	-1.000
Median	46.26	0.000
Std Dev	46.14	1.000
28	46.10	1.340

020.XX Total Phosphate		
Lab	Total Method	
28	47.72	-7.292
241	47.18	-4.353
40	46.92	-2.911
140	46.79	-2.231
96	46.65	-1.469
220	46.59	-1.143
Std Dev	46.56	-1.000
102	46.51	-0.707
99	46.51	-0.680
24	46.47	-0.490
123	46.43	-0.245
14	46.41	-0.163
14	46.40	-0.109
31	46.38	0.000
61	46.38	0.000
61	46.38	0.000

Median	46.38	0.000
9	46.38	0.027
9	46.37	0.054
23	46.37	0.054
34	46.34	0.218
24	46.33	0.299
23	46.29	0.490
Std Dev	46.20	1.000
32	46.17	1.143
110	46.11	1.496
28	46.10	1.524
43	45.93	2.476
43	45.89	2.666
111	45.77	3.319
95	44.15	12.135

030.20 Insoluble Phosphate		
Lab	Spectrometric	
140	0.26	-4.643
61	0.15	-1.548
32	0.14	-1.407
61	0.14	-1.266
Std Dev	0.13	-1.000
24	0.11	-0.563
14	0.10	-0.141
24	0.10	-0.141
Median	0.09	0.000
14	0.09	0.141
23	0.09	0.141
43	0.08	0.155
23	0.08	0.281
43	0.07	0.661
Std Dev	0.05	1.000
31	0.05	1.266
123	0.00	2.532

030.40 Insoluble Phosphate		
Lab	Automated	
34	0.12	0.000
Median	0.12	0.000

030.50 Insoluble Phosphate		
Lab	ICP	
9	0.06	0.000

Median	0.06	0.000
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030.99 Insoluble Phosphate		
Lab	Other	
28	0.87	-1.340
Std Dev	0.77	-1.000
Median	0.47	0.000
Std Dev	0.16	1.000
28	0.06	1.340

030.XX Insoluble Phosphate		
Lab	Total Method	
28	0.87	-16.892
140	0.26	-3.573
61	0.15	-1.191
32	0.14	-1.083
Std Dev	0.14	-1.000
61	0.14	-0.975
34	0.12	-0.693
24	0.11	-0.433
14	0.10	-0.108
24	0.10	-0.108
Median	0.09	0.000
14	0.09	0.108
23	0.09	0.108
43	0.08	0.119
23	0.08	0.217
43	0.07	0.509
9	0.06	0.650
28	0.06	0.650
31	0.05	0.975
Std Dev	0.04	1.000
123	0.00	1.949

040.20 Indirect Available Phosphate		
Lab	Spectrometric	
140	46.54	-3.127
123	46.43	-1.723
Std Dev	46.37	-1.000
24	46.36	-0.893
31	46.34	-0.574
14	46.32	-0.319
14	46.32	-0.319
23	46.29	0.000

Median	46.29	0.000
61	46.25	0.574
61	46.24	0.702
24	46.23	0.766
Std Dev	46.21	1.000
23	46.21	1.085
43	45.86	5.488
43	45.81	6.190

040.40 Indirect Available Phosphate		
Lab	Automated	
28	47.66	0.000
Median	47.66	0.000

040.50 Indirect Available Phosphate		
Lab	ICP	
9	46.36	0.000
Median	46.36	0.000

040.99 Indirect Available Phosphate		
Lab	Other	
34	46.19	-1.340
Std Dev	46.07	-1.000
Median	45.71	0.000
Std Dev	45.35	1.000
28	45.23	1.340

040.XX Indirect Available Phosphate		
Lab	Total Method	
28	47.66	-11.844
140	46.54	-2.118
123	46.43	-1.167
Std Dev	46.41	-1.000
9	46.36	-0.605
24	46.36	-0.605
31	46.34	-0.389
14	46.32	-0.216
14	46.32	-0.216
23	46.29	0.000
Median	46.29	0.000
61	46.25	0.389
61	46.24	0.475
24	46.23	0.519
23	46.21	0.735

34	46.19	0.865
Std Dev	46.17	1.000
43	45.86	3.717
43	45.81	4.193
28	45.23	9.164

041.10 Direct Available Phosphate		
Lab	Gravimetric	Quimociac
47	46.79	-0.132
119	46.75	-0.055
44	46.73	0.000
Median	46.73	0.000
Std Dev	46.27	1.000
39	46.14	1.285
107	46.06	1.472

041.20 Direct Available Phosphate		
Lab	Spectrometric	
220	46.31	0.000
Median	46.31	0.000

041.40 Direct Available Phosphate		
Lab	Automated	
49	46.70	-1.036
Std Dev	46.68	-1.000
39	46.07	0.000
Median	46.07	0.000
Std Dev	45.46	1.000
38	45.07	1.644

041.50 Direct Available Phosphate		
Lab	ICP	
80	48.05	-4.275
66	46.62	-1.223
Std Dev	46.51	-1.000
63	46.04	0.000
Median	46.04	0.000
63	45.99	0.117
Std Dev	45.57	1.000
47	45.22	1.755

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
77	46.43	-0.708

75	46.27	-0.665
Median	43.88	0.000
29	41.49	0.665
29	41.49	0.665

041.XX Direct Available Phosphate		
Lab	Total Method	
80	48.05	-3.636
47	46.79	-1.143
119	46.75	-1.074
44	46.73	-1.025
Std Dev	46.71	-1.000
49	46.70	-0.975
66	46.62	-0.808
77	46.43	-0.434
220	46.31	-0.207
75	46.27	-0.128
Median	46.21	0.000
39	46.14	0.128
39	46.07	0.266
107	46.06	0.296
63	46.04	0.325
63	45.99	0.434
Std Dev	45.70	1.000
47	45.22	1.951
38	45.07	2.237
29	41.49	9.299
29	41.49	9.299

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
123	43.43	-3.199
32	42.76	-1.807
23	42.37	-1.008
Std Dev	42.37	-1.000
31	42.33	-0.914
23	42.30	-0.862
24	42.30	-0.862
24	42.04	-0.312
43	41.89	0.000
Median	41.89	0.000
220	41.83	0.125
61	41.69	0.416
140	41.68	0.436

43	41.66	0.467
14	41.57	0.654
14	41.57	0.665
61	41.52	0.769

048.30 Water Soluble Phosphate		
Lab	Alka. Quimociac	
111	40.08	0.000
Median	40.08	0.000

048.99 Water Soluble Phosphate		
Lab	Other	
9	42.19	-1.340
Std Dev	42.17	-1.000
Median	42.11	0.000
Std Dev	42.06	1.000
34	42.04	1.340

048.XX Water Soluble Phosphate		
Lab	Total Method	
123	43.43	-3.085
32	42.76	-1.674
Std Dev	42.43	-1.000
23	42.37	-0.863
31	42.33	-0.769
23	42.30	-0.716
24	42.30	-0.716
9	42.19	-0.474
34	42.04	-0.168
24	42.04	-0.158
Median	41.96	0.000
43	41.89	0.158
220	41.83	0.284
61	41.69	0.579
140	41.68	0.600
43	41.66	0.632
14	41.57	0.821
14	41.57	0.832
61	41.52	0.937
Std Dev	41.49	1.000
111	40.08	3.970

050.50 %K ₂ O Soluble Potash		
Lab	ICP(Oxalate)	

23	0.15	-0.536
23	0.14	0.000
Median	0.14	0.000
Std Dev	0.13	1.000
28	0.12	2.144

050.60 Soluble Potash		
Lab	%K ₂ O	Flame Photometric(Oxalate)
241	0.14	0.000
Median	0.14	0.000

050.99 Soluble Potash		
Lab	%K ₂ O	Other
43	0.29	-2.406
43	0.29	-2.390
Std Dev	0.21	-1.000
61	0.15	0.000
61	0.15	0.000
Median	0.15	0.000
102	0.14	0.124
24	0.14	0.166
24	0.14	0.249

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
43	0.29	-20.399
43	0.29	-20.269
Std Dev	0.15	-1.000
61	0.15	-0.998
61	0.15	-0.998
23	0.15	-0.328
102	0.14	0.000
Median	0.14	0.000
23	0.14	0.342
24	0.14	0.342
241	0.14	0.342
Std Dev	0.14	1.000
24	0.14	1.012
28	0.12	3.022

060.00 Free Water		
Lab	Vacuum Oven	
220	2.83	-3.294
28	2.70	-2.485

14	2.57	-1.707
14	2.55	-1.617
28	2.50	-1.318
Std Dev	2.45	-1.000
123	2.34	-0.329
24	2.30	-0.120
43	2.30	-0.090
32	2.29	-0.060
Median	2.28	0.000
43	2.27	0.060
23	2.27	0.090
24	2.27	0.090
23	2.25	0.180
111	2.23	0.299
140	2.22	0.389
9	2.16	0.719
34	2.15	0.779
31	2.13	0.928

060.10 Free Water		
Lab		Vacuum Desiccate
241	6.57	-2.656
Std Dev	3.83	-1.000
61	2.18	0.000
Median	2.18	0.000
61	2.14	0.024

060.XX Free Water		
Lab		Total Method
241	6.57	-20.218
220	2.83	-2.633
28	2.70	-1.998
14	2.57	-1.387
14	2.55	-1.316
28	2.50	-1.081
Std Dev	2.48	-1.000
123	2.34	-0.306
24	2.30	-0.141
43	2.30	-0.118
32	2.29	-0.094
43	2.27	0.000
Median	2.27	0.000
23	2.27	0.024
24	2.27	0.024

23	2.25	0.094
111	2.23	0.188
140	2.22	0.259
61	2.18	0.447
9	2.16	0.517
34	2.15	0.564
61	2.14	0.635
31	2.13	0.682

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
28	0.44	-3.714
23	0.39	-1.340
31	0.39	-1.340
Std Dev	0.38	-1.000
34	0.38	-0.893
61	0.38	-0.893
32	0.38	-0.670
61	0.38	-0.670
23	0.37	-0.223
14	0.36	0.000
14	0.36	0.000
24	0.36	0.000
Median	0.36	0.000
39	0.35	0.313
9	0.35	0.447
24	0.34	0.893
43	0.34	0.949
102	0.34	0.965
Std Dev	0.34	1.000
43	0.31	2.068

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
28	0.44	-3.714
23	0.39	-1.340
31	0.39	-1.340
Std Dev	0.38	-1.000
34	0.38	-0.893
61	0.38	-0.893
32	0.38	-0.670
61	0.38	-0.670
23	0.37	-0.223
14	0.36	0.000

14	0.36	0.000
24	0.36	0.000
Median	0.36	0.000
39	0.35	0.313
9	0.35	0.447
24	0.34	0.893
43	0.34	0.949
102	0.34	0.965
Std Dev	0.34	1.000
43	0.31	2.068

121.00 Acid Soluble Magnesium		
Lab	%MgO	Atomic Absorption
241	1.08	-1.340
Std Dev	1.01	-1.000
Median	0.80	0.000
Std Dev	0.58	1.000
28	0.51	1.340

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
28	0.91	-0.975
23	0.91	-0.853
23	0.91	-0.853
24	0.91	-0.853
24	0.91	-0.853
34	0.90	-0.731
9	0.88	-0.244
39	0.88	-0.122
14	0.87	0.000
14	0.87	0.000
Median	0.87	0.000
102	0.87	0.118
31	0.87	0.122
61	0.85	0.487
61	0.85	0.609
32	0.83	0.975
Std Dev	0.83	1.000
43	0.74	3.289
43	0.74	3.289

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
241	1.08	-4.894

Std Dev	0.91	-1.000
28	0.91	-0.932
23	0.91	-0.816
23	0.91	-0.816
24	0.91	-0.816
24	0.91	-0.816
34	0.90	-0.699
9	0.88	-0.233
39	0.88	-0.117
14	0.87	0.000
14	0.87	0.000
Median	0.87	0.000
102	0.87	0.113
31	0.87	0.117
61	0.85	0.466
61	0.85	0.583
32	0.83	0.932
Std Dev	0.83	1.000
43	0.74	3.146
43	0.74	3.146
28	0.51	8.320

144.01 Sulfate Sulfur (S)		
Lab		Gravimetric
220	1.57	-1.149
Std Dev	1.56	-1.000
61	1.54	0.000
Median	1.54	0.000
Std Dev	1.51	1.000
61	1.50	1.531

144.70 Sulfur		
Lab		Spectrometric
14	1.50	-1.340
Std Dev	1.49	-1.000
Median	1.49	0.000
Std Dev	1.49	1.000
14	1.49	1.340

144.99 Sulfate Sulfur (S)		
Lab		Other
28	4.78	-146.507
Std Dev	1.52	-1.000
23	1.51	-0.670

24	1.51	-0.670
23	1.50	0.000
24	1.50	0.000
Median	1.50	0.000
34	1.49	0.223
9	1.48	0.670
Std Dev	1.47	1.000
31	1.44	2.680
32	1.42	3.499

144.XX		Sulfate Sulfur (S)
Lab		Total Method
28	4.78	-185.061
220	1.57	-3.949
61	1.54	-2.257
Std Dev	1.51	-1.000

23	1.51	-0.846
24	1.51	-0.846
14	1.50	0.000
23	1.50	0.000
24	1.50	0.000
61	1.50	0.000
Median	1.50	0.000
34	1.49	0.282
14	1.49	0.564
9	1.48	0.846
Std Dev	1.48	1.000
31	1.44	3.385
32	1.42	4.420

145.99		Total Sulfur (S)
Lab		Other
111	1.69	-2.220
Std Dev	1.58	-1.000
43	1.53	-0.351
Median	1.50	0.000
43	1.47	0.351
Std Dev	1.41	1.000
102	1.41	1.037

145.XX		Total Sulfur (S)
Lab		Total Method
111	1.69	-2.220
Std Dev	1.58	-1.000

43	1.53	-0.351
Median	1.50	0.000
43	1.47	0.351
Std Dev	1.41	1.000
102	1.41	1.037

151.30		Total Arsenic
Lab		ICP
102	12.35	-0.805
24	10.70	-0.417
28	8.93	0.000
Median	8.93	0.000
61	5.00	0.923
Std Dev	4.67	1.000
61	4.50	1.040

151.XX		Total Arsenic
Lab		Total Method
102	12.35	-0.805
24	10.70	-0.417
28	8.93	0.000
Median	8.93	0.000
61	5.00	0.923
Std Dev	4.67	1.000
61	4.50	1.040

165.99		Acid Soluble Boron
Lab	PPM	Other
102	42.50	-1.340
Std Dev	42.23	-1.000
Median	41.45	0.000
Std Dev	40.67	1.000
24	40.40	1.340

165.XX, ppm		Acid Soluble Boron
Lab	PPM	Total Method
102	42.50	-1.340
Std Dev	42.23	-1.000
Median	41.45	0.000
Std Dev	40.67	1.000
24	40.40	1.340

181.00		Total Cadmium
Lab		Atomic Absorbtion

220	5.04	0.000
Median	5.04	0.000

181.30		Total Cadmium
Lab	PPM	ICP
31	5.20	-3.561
Std Dev	4.12	-1.000
61	4.00	-0.703
61	4.00	-0.703
102	3.91	-0.488
Median	3.71	0.000
43	3.50	0.488
43	3.50	0.488
Std Dev	3.29	1.000
9	3.25	1.084
28	0.48	7.683

181.99		Total Cadmium
Lab		Other
24	4.26	0.000
Median	4.26	0.000

181.XX		Total Cadmium
Lab	PPM	Total Method
31	5.20	-2.413
220	5.04	-2.103
Std Dev	4.47	-1.000
24	4.26	-0.582
61	4.00	-0.087
61	4.00	-0.087
Median	3.96	0.000
102	3.91	0.087
43	3.50	0.882
43	3.50	0.882
Std Dev	3.44	1.000
9	3.25	1.367
28	0.48	6.736

190.00		Aluminum
Lab	%Al ₂ O ₃	ICP
9	1.59	-1.263
Std Dev	1.57	-1.000
14	1.56	-0.881
14	1.56	-0.804

31	1.56	-0.804
28	1.55	-0.727
34	1.52	-0.268
24	1.52	-0.191
24	1.51	-0.038
Median	1.50	0.000
23	1.50	0.038
23	1.50	0.115
102	1.49	0.233
61	1.47	0.574
32	1.46	0.651
61	1.46	0.651
Std Dev	1.44	1.000
43	1.42	1.263
43	1.41	1.493

190.99		Aluminum
Lab	%Al ₂ O ₃	Atomic Absorption
241	1.62	-1.340
Std Dev	1.55	-1.000
Median	1.34	0.000
Std Dev	1.13	1.000
28	1.06	1.340

190.XX		Aluminum
Lab	%Al ₂ O ₃	Total Method
241	1.62	-1.702
9	1.59	-1.195
Std Dev	1.57	-1.000
14	1.56	-0.833
14	1.56	-0.761
31	1.56	-0.761
28	1.55	-0.688
34	1.52	-0.254
24	1.52	-0.181
24	1.51	-0.036
Median	1.50	0.000
23	1.50	0.036
23	1.50	0.109
102	1.49	0.220
61	1.47	0.543
32	1.46	0.616
61	1.46	0.616
Std Dev	1.43	1.000

43	1.42	1.195
43	1.41	1.412
28	1.06	6.483

191.30 Total Chromium ICP		
Lab		
9	81.75	-3.232
Std Dev	77.00	-1.000
61	76.50	-0.764
43	76.00	-0.529
61	76.00	-0.529
Median	74.88	0.000
102	73.75	0.529
31	73.70	0.552
Std Dev	72.75	1.000
43	72.00	1.352
28	9.81	30.592

191.99 Total Chromium		
Lab	PPM	Other
24	73.30	0.000
Median	73.30	0.000

191.XX Total Chromium		
Lab	PPM	Total Method
9	81.75	-3.970
61	76.50	-1.365
43	76.00	-1.117
61	76.00	-1.117
Std Dev	75.76	-1.000
102	73.75	0.000
Median	73.75	0.000
31	73.70	0.025
24	73.30	0.223
43	72.00	0.869
Std Dev	71.74	1.000
28	9.81	31.733

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
61	3.00	-0.191
61	3.00	-0.191
102	2.91	-0.010
9	2.90	0.000

Median	2.90	0.000
43	2.50	0.763
Std Dev	2.38	1.000
43	2.00	1.717
28	0.21	5.131

202.99 Acid Soluble Cobalt		
Lab		Other
24	2.93	0.000
Median	2.93	0.000

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
61	3.00	-0.228
61	3.00	-0.228
24	2.93	-0.064
102	2.91	-0.006
Median	2.90	0.000
9	2.90	0.006
43	2.50	0.942
Std Dev	2.48	1.000
43	2.00	2.112
28	0.21	6.302

221.00 Acid Soluble Copper		
Lab		Atomic Absorption
241	1.67	-0.823
220	1.48	0.000
Median	1.48	0.000
Std Dev	1.24	1.000
28	1.04	1.857

221.30 Acid Soluble Copper		
Lab	PPM	ICP
43	<1	0.000
43	<1	0.000
28	7.73	-3.691
Std Dev	3.30	-1.000
61	2.00	-0.212
Median	1.65	0.000
102	1.30	0.212
61	1.00	0.395

221.99 Acid Soluble Copper		
Lab		Other
24	<0.01	0.000
Median	0.00	0.000

221.XX Acid Soluble Copper		
Lab	PPM	Total Method
43	<1	0.000
43	<1	0.000
24	<0.01	0.000
28	7.73	-3.691
Std Dev	3.30	-1.000
61	2.00	-0.212
Median	1.65	0.000
102	1.30	0.212
61	1.00	0.395

241.30 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	ICP
28	1.59	-0.957
23	1.57	-0.574
34	1.56	-0.479
24	1.55	-0.287
32	1.55	-0.287
14	1.54	-0.096
14	1.54	-0.096
39	1.54	-0.096
23	1.54	0.000
24	1.54	0.000
Median	1.54	0.000
31	1.53	0.191
9	1.49	0.861
Std Dev	1.48	1.000
61	1.48	1.053
61	1.48	1.149
43	1.45	1.723
102	1.41	2.485
43	1.38	3.063

241.XX Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Total Method
241	1.67	-2.412
Std Dev	1.59	-1.000
28	1.59	-0.893

23	1.57	-0.536
34	1.56	-0.447
24	1.55	-0.268
32	1.55	-0.268
14	1.54	-0.089
14	1.54	-0.089
39	1.54	-0.089
23	1.54	0.000
24	1.54	0.000
Median	1.54	0.000
31	1.53	0.179
9	1.49	0.804
61	1.48	0.983
Std Dev	1.48	1.000
61	1.48	1.072
220	1.48	1.072
43	1.45	1.608
102	1.41	2.319
43	1.38	2.859
28	1.04	8.933

251.30 Total Lead		
Lab	PPM	ICP
102	2.25	-4.449
61	1.50	-1.787
Std Dev	1.28	-1.000
43	1.00	0.000
43	1.00	0.000
61	1.00	0.000
Median	1.00	0.000
Std Dev	0.72	1.000
28	0.00	3.573

251.99 Total Lead		
Lab		Other
24	0.96	0.000
Median	0.96	0.000

251.XX Total Lead		
Lab	PPM	Total Method
102	2.25	-6.179
61	1.50	-2.481
Std Dev	1.20	-1.000
43	1.00	0.000

43	1.00	0.000
61	1.00	0.000
Median	1.00	0.000
24	0.96	0.199
Std Dev	0.80	1.000
28	0.00	4.963

261.30 Acid Soluble Manganese		
Lab	ICP	
9	348.00	-0.733
31	345.00	-0.582
Median	333.50	0.000
39	322.00	0.582
Std Dev	313.72	1.000
102	311.00	1.138

261.99 Acid Soluble Manganese		
Lab	PPM	Other
43	337.50	-2.201
61	331.50	-1.053
Std Dev	331.22	-1.000
43	326.00	0.000
Median	326.00	0.000
61	324.50	0.287
Std Dev	320.78	1.000
24	317.00	1.723

261.XX Acid Soluble Manganese		
Lab	PPM	Total Method
9	348.00	-1.902
31	345.00	-1.643
Std Dev	337.57	-1.000
43	337.50	-0.994
61	331.50	-0.475
43	326.00	0.000
Median	326.00	0.000
61	324.50	0.130
39	322.00	0.346
24	317.00	0.778
Std Dev	314.43	1.000
102	311.00	1.297

271.30 Water Soluble Manganese	
Lab	ICP

28	72.60	0.000
Median	72.60	0.000

271.XX Water Soluble Manganese		
Lab	PPM	Total Method
28	72.60	0.000
Median	72.60	0.000

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

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

281.XX Total Mercury		
Lab	PPM	Total Method
102	<0.4	0.000
24	<0.07	0.000
Median	0.00	0.000

289.30 Total Molybdenum		
Lab	PPM	ICP
102		

289.99 Total Molybdenum		
Lab	PPM	Other
24	11.90	0.000
Median	11.90	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
102	12.80	-2.620
Std Dev	12.12	-1.000
61	12.00	-0.715
61	12.00	-0.715
24	11.90	-0.476
Median	11.70	0.000
9	11.50	0.476
43	11.45	0.596
43	11.40	0.715
Std Dev	11.28	1.000

28	2.65	21.559
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291.30 Total Nickel		
Lab	ICP	
9	15.30	-0.759
61	15.00	-0.491
61	15.00	-0.491
102	14.45	0.000
Median	14.45	0.000
43	14.00	0.402
Std Dev	13.33	1.000
43	13.00	1.295
28	3.45	9.827

291.99 Total Nickel		
Lab	PPM	Other
24	16.45	0.000
Median	16.45	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
24	16.45	-1.745
Std Dev	15.71	-1.000
9	15.30	-0.582
61	15.00	-0.278
61	15.00	-0.278
Median	14.73	0.000
102	14.45	0.278
43	14.00	0.733
Std Dev	13.74	1.000
43	13.00	1.745
28	3.45	11.403

301.30 Total Selenium		
Lab	PPM	ICP
61	<1	0.000
61	<1	0.000
24	<0.50	0.000
28	5.45	-1.340
Std Dev	4.93	-1.000
Median	3.39	0.000
102	1.32	1.340

301.XX Total Selenium		
Lab	PPM	Total Method
61	<1	0.000
61	<1	0.000
24	<0.50	0.000
28	5.45	-1.340
Std Dev	4.93	-1.000
Median	3.39	0.000
102	1.32	1.340

311.00 Sodium		
Lab	%Na ₂ O	Atomic Absorbion
61	0.22	-1.340
Std Dev	0.21	-1.000
Median	0.20	0.000
Std Dev	0.19	1.000
241	0.18	1.340

311.99 Sodium		
Lab	%Na ₂ O	Other
28	0.25	-1.399
Std Dev	0.24	-1.000
24	0.23	-0.622
61	0.23	-0.622
24	0.22	-0.357
23	0.21	0.000
Median	0.21	0.000
23	0.20	0.311
43	0.18	0.718
43	0.17	0.974
102	0.17	0.999

311.XX Sodium		
Lab	%Na ₂ O	Total Method
28	0.25	-1.451
Std Dev	0.24	-1.000
24	0.23	-0.645
61	0.23	-0.645
61	0.22	-0.484
24	0.22	-0.371
23	0.21	0.000
Median	0.21	0.000
23	0.20	0.322
43	0.18	0.745

241	0.18	0.806
Std Dev	0.17	1.000
43	0.17	1.010
102	0.17	1.037

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
24	65.90	-4.154
Std Dev	63.55	-1.000
61	63.50	-0.938
102	62.80	0.000
Median	62.80	0.000
61	62.50	0.402
Std Dev	62.05	1.000
28	5.53	76.742

321.99 Acid Soluble Zinc		
Lab		Other
43	60.00	-1.340
Std Dev	59.81	-1.000
Median	59.25	0.000
Std Dev	58.69	1.000
43	58.50	1.340

321.XX Acid Soluble Zinc		
Lab	PPM	Total Method
24	65.90	-1.168
Std Dev	65.41	-1.000
61	63.50	-0.344
102	62.80	-0.103
61	62.50	0.000
Median	62.50	0.000
43	60.00	0.859
Std Dev	59.59	1.000
43	58.50	1.374
28	5.53	19.574

325.10 Fluoride		
Lab	%	Electrode
220	2.26	-1.543
31	2.20	-0.839
32	2.19	-0.731
23	2.16	-0.406
24	2.14	-0.244

24	2.14	-0.244
23	2.13	-0.135
Median	2.12	0.000
9	2.11	0.135
111	2.08	0.406
34	2.05	0.731
102	2.02	1.056
28	1.76	3.871
14	1.71	4.467
28	1.66	4.954

325.99 Fluoride		
Lab	%	Other
61	2.22	-0.104
61	2.20	0.000
Median	2.20	0.000
14	1.70	2.576

325.XX Fluoride		
Lab	%	Total Method
220	2.26	-1.056
61	2.22	-0.690
31	2.20	-0.528
61	2.20	-0.528
32	2.19	-0.447
23	2.16	-0.203
24	2.14	-0.081
24	2.14	-0.081
23	2.13	0.000
Median	2.13	0.000
9	2.11	0.203
111	2.08	0.406
34	2.05	0.650
102	2.02	0.893
28	1.76	3.005
14	1.71	3.452
14	1.70	3.492
28	1.66	3.817