

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
31	10.04	-1.340
Std Dev	10.02	-1.000
Median	9.98	0.000
Std Dev	9.93	1.000
123	9.92	1.340

001.99 Ammoniacal Nitrogen		
Lab	Other	
61	10.15	-3.697
61	10.01	-1.017
Std Dev	10.00	-1.000
140	9.99	-0.739
23	9.97	-0.370
23	9.96	-0.092
24	9.95	0.000
24	9.95	0.000
Median	9.95	0.000
79	9.91	0.739
124	9.91	0.832
Std Dev	9.90	1.000
32	9.83	2.310
38	9.36	10.905

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
61	10.15	-3.350
31	10.04	-1.424
Std Dev	10.01	-1.000
61	10.01	-0.921
140	9.99	-0.670
23	9.97	-0.335
23	9.96	-0.084
24	9.95	0.000
24	9.95	0.000
Median	9.95	0.000
123	9.92	0.586
79	9.91	0.670
124	9.91	0.754
Std Dev	9.89	1.000
32	9.83	2.094
38	9.36	9.882

002.99 Nitrate Nitrogen		
Lab	Other	
38	0.00	0.000
Median	0.00	0.000

002.XX Nitrate Nitrogen		
Lab	Total Method	
38	0.00	0.000
Median	0.00	0.000

009.99 Ammon & Nitrate N		
Lab	Other	
237	9.57	0.000
Median	9.57	0.000

009.XX Ammon & Nitrate N		
Lab	Total Method	
237	9.57	0.000
Median	9.57	0.000

010.11 Total Nitrogen		
Lab	Modified Comprehensive	
43	10.04	-0.155
43	10.02	0.000
Median	10.02	0.000
Std Dev	9.92	1.000
49	9.78	2.525

010.12 Total Nitrogen		
Lab	Salicylic	
119	10.70	0.000
Median	10.70	0.000

010.60 Total Nitrogen		
Lab	Combustion	
47	10.23	-1.562
77	10.20	-1.365
80	10.15	-1.069
Std Dev	10.14	-1.000
63	10.11	-0.806
63	10.07	-0.543
64	10.06	-0.477
49	10.03	-0.280
99	10.01	-0.115

31	10.00	-0.082
14	10.00	-0.049
9	9.99	-0.016
102	9.99	-0.016
Median	9.99	0.000
14	9.99	0.016
123	9.92	0.477
79	9.91	0.510
24	9.91	0.543
39	9.91	0.543
24	9.84	0.970
Std Dev	9.84	1.000
50	9.82	1.134
38	9.80	1.233
66	9.80	1.266
44	9.75	1.595
103	9.52	3.075
110	9.45	3.535

010.99 Total Nitrogen		
Lab	Other	
40	10.08	-1.340
Std Dev	10.07	-1.000
Median	10.04	0.000
Std Dev	10.00	1.000
32	9.99	1.340

010.XX Total Nitrogen		
Lab	Total Method	
119	10.70	-4.817
47	10.23	-1.594
77	10.20	-1.391
80	10.15	-1.086
Std Dev	10.14	-1.000
63	10.11	-0.814
40	10.08	-0.611
63	10.07	-0.543
64	10.06	-0.475
43	10.04	-0.305
49	10.03	-0.271
43	10.02	-0.204
99	10.01	-0.102
31	10.00	-0.068
14	10.00	-0.034

9	9.99	0.000
32	9.99	0.000
102	9.99	0.000
Median	9.99	0.000
14	9.99	0.034
123	9.92	0.509
79	9.91	0.543
24	9.91	0.577
39	9.91	0.577
Std Dev	9.84	1.000
24	9.84	1.018
50	9.82	1.187
38	9.80	1.289
66	9.80	1.323
49	9.78	1.459
44	9.75	1.662
103	9.52	3.189
110	9.45	3.664

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
40	53.51	-2.499
Std Dev	51.26	-1.000
241	49.77	0.000
Median	49.77	0.000
50	49.50	0.181

020.20 Total Phosphate		
Lab	Spectrometric	
110	51.15	-8.141
43	50.03	-2.478
14	49.96	-2.098
14	49.95	-2.048
Std Dev	49.74	-1.000
31	49.73	-0.935
79	49.71	-0.860
140	49.71	-0.860
237	49.56	-0.101
24	49.55	-0.025
43	49.54	0.000
Median	49.54	0.000
61	49.54	0.000
9	49.53	0.076
23	49.51	0.152

24	49.46	0.430
23	49.45	0.455
99	49.39	0.784
Std Dev	49.34	1.000
32	49.34	1.037
61	49.30	1.214
102	48.67	4.425

020.40		Total Phosphate
Lab		Automated
9	50.15	0.000
Median	50.15	0.000

020.99		Total Phosphate
Lab		Other
123	50.64	-1.340
Std Dev	50.62	-1.000
Median	50.57	0.000
Std Dev	50.52	1.000
124	50.51	1.340

020.XX		Total Phosphate
Lab		Total Method
40	53.51	-11.618
110	51.15	-4.683
123	50.64	-3.166
124	50.51	-2.783
9	50.15	-1.723
43	50.03	-1.384
14	49.96	-1.163
14	49.95	-1.134
Std Dev	49.90	-1.000
241	49.77	-0.618
31	49.73	-0.486
79	49.71	-0.442
140	49.71	-0.442
237	49.56	0.000
Median	49.56	0.000
24	49.55	0.044
43	49.54	0.059
61	49.54	0.059
9	49.53	0.103
23	49.51	0.147
50	49.50	0.177

24	49.46	0.309
23	49.45	0.324
99	49.39	0.515
32	49.34	0.663
61	49.30	0.766
Std Dev	49.22	1.000
102	48.67	2.636

030.20		Insoluble Phosphate
Lab		Spectrometric
14	0.25	-3.603
14	0.25	-3.603
32	0.15	-1.075
Std Dev	0.14	-1.000
23	0.13	-0.695
23	0.13	-0.569
24	0.11	-0.190
43	0.11	-0.063
Median	0.10	0.000
123	0.10	0.063
140	0.10	0.063
43	0.08	0.619
61	0.08	0.695
24	0.07	0.822
Std Dev	0.06	1.000
61	0.06	1.201
79	0.03	1.959

030.30		Insoluble Phosphate
Lab		Alka. Quimociac
9	0.45	0.000
Median	0.45	0.000

030.99		Insoluble Phosphate
Lab		Other
124	0.23	-1.340
Std Dev	0.20	-1.000
Median	0.14	0.000
Std Dev	0.08	1.000
31	0.06	1.340

030.XX		Insoluble Phosphate
Lab		Total Method
9	0.45	-6.509

14	0.25	-2.680
14	0.25	-2.680
124	0.23	-2.326
Std Dev	0.16	-1.000
32	0.15	-0.766
23	0.13	-0.479
23	0.13	-0.383
24	0.11	-0.096
43	0.11	0.000
Median	0.11	0.000
123	0.10	0.096
140	0.10	0.096
43	0.08	0.517
61	0.08	0.574
24	0.07	0.670
31	0.06	0.957
61	0.06	0.957
Std Dev	0.05	1.000
79	0.03	1.531

040.20		Indirect Available Phosphate
Lab		Spectrometric
123	50.54	-4.647
43	49.93	-1.988
14	49.71	-1.059
14	49.70	-1.016
Std Dev	49.70	-1.000
79	49.69	-0.973
31	49.67	-0.886
140	49.61	-0.627
43	49.47	0.000
61	49.47	0.000
Median	49.47	0.000
24	49.44	0.130
23	49.39	0.346
24	49.39	0.346
23	49.32	0.627
61	49.25	0.951
Std Dev	49.23	1.000
9	49.10	1.578

040.40		Indirect Available Phosphate
Lab		Automated
9	49.70	0.000

Median	49.70	0.000
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040.XX		Indirect Available Phosphate
Lab		Total Method
123	50.54	-4.265
43	49.93	-1.648
Std Dev	49.77	-1.000
14	49.71	-0.734
9	49.70	-0.691
14	49.70	-0.691
79	49.69	-0.649
31	49.67	-0.564
140	49.61	-0.308
Median	49.54	0.000
43	49.47	0.308
61	49.47	0.308
24	49.44	0.436
23	49.39	0.649
24	49.39	0.649
23	49.32	0.925
Std Dev	49.30	1.000
61	49.25	1.244
9	49.10	1.861

041.10		Direct Available Phosphate
Lab		Gravimetric Quimociac
119	51.83	-6.861
Std Dev	50.18	-1.000
47	50.10	-0.697
44	49.91	0.000
Median	49.91	0.000
50	49.73	0.643
39	49.68	0.822

041.20		Direct Available Phosphate
Lab		Spectrometric
237	49.27	0.000
Median	49.27	0.000

041.40		Direct Available Phosphate
Lab		Automated
38	49.84	-0.926
39	49.70	-0.467
103	49.66	-0.320

Median	49.56	0.000
49	49.46	0.320
Std Dev	49.25	1.000
14	49.22	1.106
14	49.20	1.188

041.50 Direct Available Phosphate		
Lab	ICP	
80	51.45	-21.344
Std Dev	49.32	-1.000
66	49.31	-0.861
63	49.22	0.000
Median	49.22	0.000
63	49.17	0.479
Std Dev	49.12	1.000
47	48.42	7.657

041.60 Direct Available Phosphate		
Lab	EDTA Extract	
77	49.66	-0.243
64	49.20	0.000
Median	49.20	0.000
Std Dev	47.28	1.000
65	44.54	2.437

041.99 Direct Available Phosphate		
Lab	Other	
124	50.28	0.000
Median	50.28	0.000

041.XX Direct Available Phosphate		
Lab	Total Method	
119	51.83	-4.690
80	51.45	-3.880
124	50.28	-1.351
Std Dev	50.12	-1.000
47	50.10	-0.962
44	49.91	-0.540
38	49.84	-0.400
50	49.73	-0.151
39	49.70	-0.097
39	49.68	-0.043
77	49.66	-0.011
103	49.66	0.000

Median	49.66	0.000
49	49.46	0.421
66	49.31	0.746
237	49.27	0.843
14	49.22	0.940
63	49.22	0.940
14	49.20	0.994
64	49.20	0.994
Std Dev	49.19	1.000
63	49.17	1.048
47	48.42	2.669
65	44.54	11.055

042.99 Ortho Phosphate		
Lab	Other	
65	.	0.000
Median	0.00	0.000

042.XX Ortho Phosphate		
Lab	Total Method	
65	.	0.000
Median	0.00	0.000

048.20 Water Soluble Phosphate		
Lab	Spectrometric	
61	45.41	-1.322
61	45.33	-1.167
Std Dev	45.23	-1.000
43	45.01	-0.583
43	44.97	-0.510
23	44.86	-0.310
140	44.82	-0.237
31	44.71	-0.036
23	44.69	0.000
Median	44.69	0.000
32	44.68	0.018
79	44.59	0.173
14	44.19	0.902
14	44.16	0.957
24	44.16	0.966
Std Dev	44.14	1.000
24	44.02	1.212
9	42.90	3.263

048.99 Water Soluble Phosphate		
Lab	Other	
123	46.91	-1.340
Std Dev	46.62	-1.000
Median	45.77	0.000
Std Dev	44.91	1.000
124	44.63	1.340

048.XX Water Soluble Phosphate		
Lab	Total Method	
123	46.91	-3.838
61	45.41	-1.254
61	45.33	-1.107
Std Dev	45.26	-1.000
43	45.01	-0.553
43	44.97	-0.484
23	44.86	-0.294
140	44.82	-0.225
31	44.71	-0.035
23	44.69	0.000
Median	44.69	0.000
32	44.68	0.017
124	44.63	0.104
79	44.59	0.164
14	44.19	0.856
14	44.16	0.908
24	44.16	0.916
Std Dev	44.11	1.000
24	44.02	1.150
9	42.90	3.095

050.50 %K ₂ O Soluble Potash		
Lab	ICP(Oxalate)	
23	0.24	0.000
23	0.24	0.000
Median	0.24	0.000
Std Dev	0.24	1.000
124	0.23	2.680

050.60 Soluble Potash		
Lab	%K ₂ O	Flame Photometric(Oxalate)
241	0.20	0.000
Median	0.20	0.000

050.99 Soluble Potash		
Lab	%K ₂ O	Other
61	0.27	-1.005
Std Dev	0.27	-1.000
61	0.27	-0.838
102	0.24	0.000
Median	0.24	0.000
24	0.23	0.503
Std Dev	0.21	1.000
24	0.21	1.005

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
61	0.27	-2.680
61	0.27	-2.233
Std Dev	0.25	-1.000
23	0.24	0.000
23	0.24	0.000
102	0.24	0.000
Median	0.24	0.000
124	0.23	0.893
Std Dev	0.23	1.000
24	0.23	1.340
24	0.21	2.680
241	0.20	3.573

060.00 Free Water		
Lab	Vacuum Oven	
31	1.16	-1.640
9	1.09	-1.080
Std Dev	1.08	-1.000
123	1.06	-0.840
23	1.04	-0.640
23	1.00	-0.360
32	0.97	-0.120
140	0.97	-0.120
Median	0.96	0.000
24	0.94	0.120
24	0.94	0.160
79	0.93	0.200
43	0.84	0.960
Std Dev	0.83	1.000
43	0.80	1.280
14	0.77	1.480

14	0.76	1.600
060.10 Free Water		
Lab	Vacuum Desiccate	
241	2.09	-1.829
Std Dev	1.68	-1.000
61	1.42	-0.453
Median	1.19	0.000
61	0.97	0.453
237	0.80	0.810
060.99 Free Water		
Lab	Other	
124	1.75	0.000
Median	1.75	0.000
060.XX Free Water		
Lab	Total Method	
241	2.09	-7.796
124	1.75	-5.430
61	1.42	-3.098
31	1.16	-1.323
Std Dev	1.11	-1.000
9	1.09	-0.835
123	1.06	-0.626
23	1.04	-0.452
23	1.00	-0.209
32	0.97	0.000
61	0.97	0.000
140	0.97	0.000
Median	0.97	0.000
24	0.94	0.209
24	0.94	0.244
79	0.93	0.278
43	0.84	0.940
Std Dev	0.83	1.000
43	0.80	1.218
237	0.80	1.218
14	0.77	1.392
14	0.76	1.497
101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
124	2.01	-2.704

Std Dev	1.84	-1.000
9	1.83	-0.879
39	1.82	-0.778
23	1.81	-0.727
23	1.81	-0.676
50	1.80	-0.636
61	1.80	-0.575
14	1.75	-0.119
14	1.75	-0.068
Median	1.74	0.000
102	1.73	0.068
61	1.72	0.236
24	1.71	0.337
32	1.68	0.591
43	1.67	0.701
43	1.67	0.737
24	1.66	0.794
31	1.66	0.794
Std Dev	1.64	1.000
237	0.62	11.388
101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
124	2.01	-2.704
Std Dev	1.84	-1.000
9	1.83	-0.879
39	1.82	-0.778
23	1.81	-0.727
23	1.81	-0.676
50	1.80	-0.636
61	1.80	-0.575
14	1.75	-0.119
14	1.75	-0.068
Median	1.74	0.000
102	1.73	0.068
61	1.72	0.236
24	1.71	0.337
32	1.68	0.591
43	1.67	0.701
43	1.67	0.737
24	1.66	0.794
31	1.66	0.794
Std Dev	1.64	1.000
237	0.62	11.388

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
124	1.69	-2.382
Std Dev	1.60	-1.000
23	1.59	-0.819
24	1.58	-0.744
23	1.58	-0.670
24	1.57	-0.521
61	1.55	-0.298
50	1.53	-0.067
14	1.53	0.000
14	1.53	0.000
Median	1.53	0.000
102	1.52	0.207
32	1.48	0.819
39	1.48	0.819
61	1.48	0.819
Std Dev	1.46	1.000
31	1.45	1.191
43	0.79	11.018
43	0.77	11.316
237	0.54	14.814
121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
124	1.69	-2.382
Std Dev	1.60	-1.000
23	1.59	-0.819
24	1.58	-0.744
23	1.58	-0.670
24	1.57	-0.521
61	1.55	-0.298
50	1.53	-0.067
14	1.53	0.000
14	1.53	0.000
Median	1.53	0.000
102	1.52	0.207
32	1.48	0.819
39	1.48	0.819
61	1.48	0.819
Std Dev	1.46	1.000
31	1.45	1.191
43	0.79	11.018

43	0.77	11.316
237	0.54	14.814
144.01 Sulfate Sulfur (S)		
Lab	Gravimetric	
50	2.22	-2.560
Std Dev	2.12	-1.000
241	2.08	-0.400
Median	2.06	0.000
61	2.03	0.400
61	2.03	0.400
144.70 Sulfur		
Lab	Spectrometric	
14	2.01	-1.340
Std Dev	2.01	-1.000
Median	2.01	0.000
Std Dev	2.01	1.000
14	2.01	1.340
144.99 Sulfate Sulfur (S)		
Lab	Other	
9	5.30	-5.280
124	3.66	-2.640
Std Dev	2.64	-1.000
24	2.03	-0.008
23	2.02	0.000
Median	2.02	0.000
23	2.02	0.000
24	2.00	0.032
32	1.71	0.499
144.XX Sulfate Sulfur (S)		
Lab	Total Method	
9	5.30	-62.693
124	3.66	-31.299
50	2.22	-3.637
241	2.08	-1.053
Std Dev	2.08	-1.000
61	2.03	-0.096
61	2.03	-0.096
24	2.03	0.000
Median	2.03	0.000
23	2.02	0.096

23	2.02	0.096
14	2.01	0.287
14	2.01	0.383
24	2.00	0.479
Std Dev	1.97	1.000
32	1.71	6.030

145.99 Total Sulfur (S)		
Lab		Other
43	2.34	-0.494
43	2.33	-0.483
Median	2.11	0.000
102	1.89	0.483
Std Dev	1.66	1.000
124	1.22	1.969

145.XX Total Sulfur (S)		
Lab		Total Method
43	2.34	-0.494
43	2.33	-0.483
Median	2.11	0.000
102	1.89	0.483
Std Dev	1.66	1.000
124	1.22	1.969

151.30 Total Arsenic		
Lab		ICP
124	33.00	-17.523
Std Dev	13.76	-1.000
64	13.16	-0.481
102	12.60	0.000
Median	12.60	0.000
24	11.60	0.859
Std Dev	11.44	1.000
9	11.00	1.374

151.XX Total Arsenic		
Lab		Total Method
124	33.00	-17.523
Std Dev	13.76	-1.000
64	13.16	-0.481
102	12.60	0.000
Median	12.60	0.000
24	11.60	0.859

Std Dev	11.44	1.000
9	11.00	1.374

165.99 Acid Soluble Boron		
Lab	PPM	Other
124	192.00	-2.583
Std Dev	99.47	-1.000
24	41.00	0.000
Median	41.00	0.000
102	35.30	0.097

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
124	192.00	-2.583
Std Dev	99.47	-1.000
24	41.00	0.000
Median	41.00	0.000
102	35.30	0.097

181.30 Total Cadmium		
Lab	PPM	ICP
61	5.00	-2.345
61	5.00	-2.345
43	4.50	-1.005
102	4.50	-1.005
Std Dev	4.50	-1.000
64	4.13	0.000
Median	4.13	0.000
237	4.08	0.121
43	4.00	0.335
124	4.00	0.335
Std Dev	3.75	1.000
9	2.00	5.695

181.99 Total Cadmium		
Lab		Other
24	4.85	0.000
Median	4.85	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
61	5.00	-1.241
61	5.00	-1.241
Std Dev	4.87	-1.000

24	4.85	-0.970
43	4.50	-0.338
102	4.50	-0.338
Median	4.31	0.000
64	4.13	0.338
237	4.08	0.420
43	4.00	0.564
124	4.00	0.564
Std Dev	3.76	1.000
9	2.00	4.173

190.00 Aluminum		
Lab	%Al ₂ O ₃	ICP
124	2.62	-2.238
14	2.57	-1.439
14	2.55	-1.199
Std Dev	2.54	-1.000
61	2.53	-0.879
9	2.51	-0.559
24	2.51	-0.559
24	2.48	-0.080
23	2.48	0.000
Median	2.48	0.000
23	2.47	0.080
32	2.47	0.080
102	2.44	0.522
61	2.43	0.719
Std Dev	2.41	1.000
43	1.59	14.227
43	1.52	15.346
237	0.87	25.737

190.99 Aluminum		
Lab	%Al ₂ O ₃	Atomic Absorption
241	2.90	-1.340
Std Dev	2.84	-1.000
Median	2.68	0.000
Std Dev	2.52	1.000
31	2.47	1.340

190.XX Aluminum		
Lab	%Al ₂ O ₃	Total Method
241	2.90	-6.497
124	2.62	-2.140

14	2.57	-1.376
14	2.55	-1.147
Std Dev	2.54	-1.000
61	2.53	-0.841
9	2.51	-0.535
24	2.51	-0.535
24	2.48	-0.076
23	2.48	0.000
Median	2.48	0.000
23	2.47	0.076
32	2.47	0.076
31	2.47	0.153
102	2.44	0.499
61	2.43	0.688
Std Dev	2.41	1.000
43	1.59	13.606
43	1.52	14.677
237	0.87	24.614

191.30 Total Chromium		
Lab		ICP
9	89.50	-1.511
64	87.18	-1.058
Std Dev	86.88	-1.000
31	86.00	-0.828
61	85.00	-0.633
61	83.00	-0.244
Median	81.75	0.000
43	80.50	0.244
43	80.00	0.341
237	78.50	0.633
102	77.55	0.819
Std Dev	76.62	1.000
124	37.00	8.722

191.99 Total Chromium		
Lab	PPM	Other
24	87.70	0.000
Median	87.70	0.000

191.XX Total Chromium		
Lab	PPM	Total Method
9	89.50	-1.187
Std Dev	88.48	-1.000

24	87.70	-0.858
64	87.18	-0.763
31	86.00	-0.548
61	85.00	-0.365
61	83.00	0.000
Median	83.00	0.000
43	80.50	0.456
43	80.00	0.548
237	78.50	0.822
102	77.55	0.995
Std Dev	77.52	1.000
124	37.00	8.398

202.30 Acid Soluble Cobalt		
Lab	PPM	ICP
124	37.00	-227.800
Std Dev	3.15	-1.000
50	3.13	-0.837
43	3.00	0.000
43	3.00	0.000
61	3.00	0.000
61	3.00	0.000
Median	3.00	0.000
Std Dev	2.85	1.000
102	2.80	1.340
237	2.40	4.020
9	0.96	13.668

202.99 Acid Soluble Cobalt		
Lab		Other
24	2.97	0.000
Median	2.97	0.000

202.XX Acid Soluble Cobalt		
Lab	PPM	Total Method
124	37.00	-289.270
50	3.13	-1.063
Std Dev	3.12	-1.000
43	3.00	0.000
43	3.00	0.000
61	3.00	0.000
61	3.00	0.000
Median	3.00	0.000
24	2.97	0.255

Std Dev	2.88	1.000
102	2.80	1.702
237	2.40	5.105
9	0.96	17.356

221.00 Acid Soluble Copper		
Lab		Atomic Absorption
241	2.29	0.000
Median	2.29	0.000

221.30 Acid Soluble Copper			
Lab	PPM		ICP
50	2.95		-1.810
124	2.60		-1.437
Std Dev	2.19		-1.000
102	2.15		-0.953
61	1.50		-0.266
Median	1.25		0.000
43	1.00		0.266
43	1.00		0.266
61	1.00		0.266
Std Dev	0.31		1.000
237	0.00		1.331

221.99 Acid Soluble Copper		
Lab		Other
24	0.71	0.000
Median	0.71	0.000

221.XX Acid Soluble Copper			
Lab	PPM		Total Method
50	2.95		-2.282
124	2.60		-1.872
102	2.15		-1.340
Std Dev	1.85		-1.000
61	1.50		-0.585
43	1.00		0.000
43	1.00		0.000
61	1.00		0.000
Median	1.00		0.000
24	0.71		0.339
Std Dev	0.15		1.000
237	0.00		1.170

241.30 Acid Soluble Iron		
Lab	%Fe ₂ O ₃	ICP
9	2.94	-19.058
124	2.27	-5.757
50	2.09	-2.084
24	2.05	-1.390
Std Dev	2.03	-1.000
24	2.03	-0.993
32	2.03	-0.893
23	2.00	-0.298
39	1.99	-0.099
61	1.99	-0.099
Median	1.98	0.000
23	1.98	0.099
43	1.97	0.199
43	1.97	0.199
14	1.97	0.298
14	1.96	0.397
Std Dev	1.93	1.000
31	1.91	1.390
61	1.89	1.886
102	1.87	2.120
237	0.70	25.510

241.XX Acid Soluble Iron		
Lab	%Fe ₂ O ₃	Total Method
9	2.94	-16.512
241	2.29	-5.274
124	2.27	-4.928
50	2.09	-1.729
24	2.05	-1.124
Std Dev	2.04	-1.000
24	2.03	-0.778
32	2.03	-0.692
23	2.00	-0.173
39	1.99	0.000
61	1.99	0.000
Median	1.99	0.000
23	1.98	0.173
43	1.97	0.259
43	1.97	0.259
14	1.97	0.346
14	1.96	0.432
Std Dev	1.93	1.000

31	1.91	1.297
61	1.89	1.729
102	1.87	1.933
237	0.70	22.305

251.30 Total Lead		
Lab	PPM	ICP
43	<1	0.000
43	<1	0.000
102	322.60	-281.936
Std Dev	8.12	-1.000
61	7.00	0.000
61	7.00	0.000
Median	7.00	0.000
Std Dev	5.88	1.000
124	5.50	1.340
9	4.50	2.233

251.99 Total Lead		
Lab		Other
24	6.72	-1.340
Std Dev	6.47	-1.000
Median	5.75	0.000
Std Dev	5.03	1.000
237	4.78	1.340

251.XX Total Lead		
Lab	PPM	Total Method
43	<1	0.000
43	<1	0.000
102	322.60	-227.569
Std Dev	8.11	-1.000
61	7.00	-0.202
61	7.00	-0.202
24	6.72	0.000
Median	6.72	0.000
124	5.50	0.879
Std Dev	5.33	1.000
237	4.78	1.398
9	4.50	1.599

261.30 Acid Soluble Manganese		
Lab		ICP
31	360.50	-1.080

Std Dev	357.37	-1.000
50	340.50	-0.568
39	333.00	-0.376
Median	318.30	0.000
102	303.60	0.376
237	280.50	0.968
Std Dev	279.23	1.000
124	155.00	4.180

261.99	Acid Soluble Manganese	
Lab	PPM	Other
43	367.50	-0.660
9	361.50	-0.356
43	360.00	-0.279
Median	354.50	0.000
24	349.00	0.279
Std Dev	334.82	1.000
61	330.00	1.245
61	324.50	1.524

261.XX	Acid Soluble Manganese	
Lab	PPM	Total Method
43	367.50	-1.009
Std Dev	367.24	-1.000
9	361.50	-0.812
31	360.50	-0.779
43	360.00	-0.763
24	349.00	-0.402
50	340.50	-0.123
Median	336.75	0.000
39	333.00	0.123
61	330.00	0.221
61	324.50	0.402
Std Dev	306.26	1.000
102	303.60	1.087
237	280.50	1.845
124	155.00	5.962

281.30	Total Mercury	
Lab	PPM	ICP
124	<0.5	0.000
24	<0.07	0.000
Median	0.00	0.000

281.XX	Total Mercury	
Lab	PPM	Total Method
124	<0.5	0.000
24	<0.07	0.000
Median	0.00	0.000

289.30	Total Molybdenum	
Lab	PPM	ICP
64	13.76	-0.709
102	13.65	-0.618
61	13.50	-0.495
50	13.45	-0.454
61	13.00	-0.082
Median	12.90	0.000
43	12.80	0.082
43	12.65	0.206
237		

289.99	Total Molybdenum	
Lab	PPM	Other
24	14.10	0.000
Median	14.10	0.000

289.XX	Total Molybdenum	
Lab	PPM	Total Method
24	14.10	-1.017
Std Dev	14.08	-1.000
64	13.76	-0.702
102	13.65	-0.601
61	13.50	-0.462
50	13.45	-0.416
61	13.00	0.000
Median	13.00	0.000
43	12.80	0.185
43	12.65	0.323
Std Dev	11.92	1.000
237	11.60	1.294
9	11.20	1.663
124	5.80	6.654

291.30	Total Nickel	
Lab	PPM	ICP
64	16.09	-28.006
9	14.45	-6.030
Std Dev	14.07	-1.000

102	14.05	-0.670
43	14.00	0.000
43	14.00	0.000
61	14.00	0.000
Median	14.00	0.000
237	13.95	0.670
Std Dev	13.93	1.000
61	13.50	6.700
124	6.00	107.200

291.99	Total Nickel	
Lab	PPM	Other
24	17.00	0.000
Median	17.00	0.000

291.XX	Total Nickel	
Lab	PPM	Total Method
24	17.00	-10.374
64	16.09	-7.227
9	14.45	-1.556
Std Dev	14.29	-1.000
102	14.05	-0.173
43	14.00	0.000
43	14.00	0.000
61	14.00	0.000
Median	14.00	0.000
237	13.95	0.173
Std Dev	13.71	1.000
61	13.50	1.729
124	6.00	27.665

301.30	Total Selenium	
Lab	PPM	ICP
124	<0.5	0.000
102	3.46	-1.340
Std Dev	3.12	-1.000
Median	2.14	0.000
Std Dev	1.15	1.000
24	0.82	1.340

301.XX	Total Selenium	
Lab	PPM	Total Method
124	<0.5	0.000
102	3.46	-1.340

Std Dev	3.12	-1.000
Median	2.14	0.000
Std Dev	1.15	1.000
24	0.82	1.340

311.00	Sodium	
Lab	%Na ₂ O	Atomic Absorbtion
61	0.51	-1.340
Std Dev	0.50	-1.000
Median	0.49	0.000
Std Dev	0.47	1.000
241	0.47	1.340

311.99	Sodium	
Lab	%Na ₂ O	Other
61	0.49	-3.678
Std Dev	0.43	-1.000
124	0.43	-0.736
23	0.42	-0.490
23	0.41	0.000
Median	0.41	0.000
24	0.40	0.490
102	0.39	0.964
Std Dev	0.39	1.000
24	0.37	1.962

311.XX	Sodium	
Lab	%Na ₂ O	Total Method
61	0.51	-1.627
61	0.49	-1.244
Std Dev	0.47	-1.000
241	0.47	-0.957
124	0.43	-0.096
23	0.42	0.000
Median	0.42	0.000
23	0.41	0.191
24	0.40	0.383
102	0.39	0.568
24	0.37	0.957

321.00	Acid Soluble Zinc	
Lab	%Na ₂ O	Atomic Absorption
241	94.00	0.000
Median	94.00	0.000

321.30		
Lab	PPM	Acid Soluble Zinc ICP
50	73.90	-2.850
64	62.73	-1.046
Std Dev	62.44	-1.000
237	60.30	-0.654
24	56.30	-0.008
102	56.25	0.000
Median	56.25	0.000
61	53.50	0.444
61	52.00	0.686
Std Dev	50.06	1.000
9	47.50	1.413
124	27.00	4.722

321.99		
Lab		Acid Soluble Zinc Other
43	61.50	-1.340
Std Dev	61.44	-1.000
Median	61.25	0.000
Std Dev	61.06	1.000
43	61.00	1.340

321.XX		
Lab	PPM	Acid Soluble Zinc Total Method
241	94.00	-5.510
50	73.90	-2.408
Std Dev	64.78	-1.000
64	62.73	-0.684
43	61.50	-0.494
43	61.00	-0.417
237	60.30	-0.309
Median	58.30	0.000
24	56.30	0.309
102	56.25	0.316
61	53.50	0.741
61	52.00	0.972
Std Dev	51.82	1.000
9	47.50	1.667
124	27.00	4.831

325.10		
Lab	%	Fluoride Electrode

23	3.33	-0.866
23	3.33	-0.866
32	3.28	-0.700
31	3.22	-0.519
124	3.14	-0.279
Median	3.04	0.000
24	2.95	0.279
102	2.83	0.640
24	2.81	0.700
14	2.13	2.763
14	2.12	2.793

325.30		
Lab		Fluoride Distilled/Electrode
9	1.42	0.000
Median	1.42	0.000

325.99		
Lab	%	Fluoride Other
61	3.34	-1.340
Median	3.31	0.000
61	3.27	1.340

325.XX		
Lab	%	Fluoride Total Method
61	3.34	-0.591
23	3.33	-0.562
23	3.33	-0.562
32	3.28	-0.403
61	3.27	-0.389
31	3.22	-0.231
124	3.14	0.000
Median	3.14	0.000
24	2.95	0.533
102	2.83	0.879
24	2.81	0.937
14	2.13	2.911
14	2.12	2.939
9	1.42	4.942