

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
123	0.11	0.000
Median	0.11	0.000

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
123	0.11	0.000
Median	0.11	0.000

010.60 Total Nitrogen		
Lab	Combustion	
31	0.21	-1.319
Std Dev	0.19	-1.000
123	0.17	-0.553
Median	0.13	0.000
87	0.10	0.553
102	0.09	0.723

010.XX Total Nitrogen		
Lab	Total Method	
31	0.21	-1.319
Std Dev	0.19	-1.000
123	0.17	-0.553
Median	0.13	0.000
87	0.10	0.553
102	0.09	0.723

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
18	47.21	-0.743
35	47.13	-0.597
Median	46.78	0.000
79	46.43	0.597
Std Dev	46.19	1.000
241	46.17	1.033

020.20 Total Phosphate		
Lab	Spectrometric	
14	47.44	-1.703
14	47.43	-1.657
Std Dev	47.29	-1.000
24	47.27	-0.915
61	47.27	-0.892

24	47.08	-0.035
31	47.08	-0.035
Median	47.07	0.000
61	47.07	0.035
9	47.02	0.266
220	46.99	0.369
123	46.93	0.660
Std Dev	46.86	1.000
99	46.78	1.379
102	45.99	5.017

020.30 Total Phosphate		
Lab	Alka. Quimociac	
40	47.92	0.000
Median	47.92	0.000

020.40 Total Phosphate		
Lab	Automated	
9	46.72	-0.726
96	46.00	0.000
Median	46.00	0.000
Std Dev	45.01	1.000
38	44.08	1.954

020.99 Total Phosphate		
Lab	Other	
28	48.87	-2.860
Std Dev	47.78	-1.000
124	47.63	-0.739
110	47.20	0.000
Median	47.20	0.000
28	46.85	0.601
Std Dev	46.62	1.000
103	40.95	10.746

020.XX Total Phosphate		
Lab	Total Method	
28	48.87	-4.385
40	47.92	-2.083
124	47.63	-1.377
Std Dev	47.48	-1.000
14	47.44	-0.914
14	47.43	-0.889
24	47.27	-0.499

61	47.27	-0.487
18	47.21	-0.353
110	47.20	-0.329
35	47.13	-0.146
24	47.08	-0.037
31	47.08	-0.037
61	47.07	0.000
Median	47.07	0.000
9	47.02	0.122
220	46.99	0.176
123	46.93	0.329
28	46.85	0.524
99	46.78	0.707
9	46.72	0.853
Std Dev	46.65	1.000
79	46.43	1.559
241	46.17	2.181
96	46.00	2.595
102	45.99	2.619
38	44.08	7.285
103	40.95	14.911

030.10 Insoluble Phosphate		
Lab	Gravimetric Quimociac	
79	0.29	0.000
Median	0.29	0.000

030.20 Insoluble Phosphate		
Lab	Spectrometric	
61	10.84	-2.079
24	9.45	-1.004
Std Dev	9.45	-1.000
24	9.36	-0.934
31	8.39	-0.184
Median	8.15	0.000
14	7.92	0.184
14	7.91	0.191
123	6.89	0.980
Std Dev	6.86	1.000
18	6.36	1.386

030.40 Insoluble Phosphate		
Lab	Automated	
9	6.05	0.000

Median	6.05	0.000
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030.99 Insoluble Phosphate		
Lab	Other	
124	3.14	-1.340
Std Dev	2.86	-1.000
Median	2.05	0.000
Std Dev	1.23	1.000
28	0.96	1.340

030.XX Insoluble Phosphate		
Lab	Total Method	
61	10.84	-1.395
Std Dev	9.87	-1.000
24	9.45	-0.832
24	9.36	-0.795
31	8.39	-0.403
14	7.92	-0.211
14	7.91	-0.206
Median	7.40	0.000
123	6.89	0.206
18	6.36	0.419
9	6.05	0.545
Std Dev	4.92	1.000
124	3.14	1.723
28	0.96	2.607
79	0.29	2.878

040.10 Indirect Available Phosphate		
Lab	Gravimetric Quimociac	
79	46.23	0.000
Median	46.23	0.000

040.20 Indirect Available Phosphate		
Lab	Spectrometric	
18	40.85	-1.519
Std Dev	40.11	-1.000
123	40.04	-0.950
14	39.54	-0.594
14	39.52	-0.580
31	38.69	0.000
Median	38.69	0.000
24	37.91	0.549
24	37.63	0.746

Std Dev	37.27	1.000
61	36.43	1.593
61	36.23	1.734

040.99 Indirect Available Phosphate		
Lab		Other
28	45.90	-0.746
124	44.44	0.000
Median	44.44	0.000
Std Dev	42.49	1.000
9	40.67	1.934

040.XX Indirect Available Phosphate		
Lab		Total Method
79	46.23	-3.051
28	45.90	-2.899
124	44.44	-2.236
Std Dev	41.73	-1.000
18	40.85	-0.599
9	40.67	-0.515
123	40.04	-0.230
14	39.54	0.000
Median	39.54	0.000
14	39.52	0.009
31	38.69	0.385
24	37.91	0.741
24	37.63	0.868
Std Dev	37.34	1.000
61	36.43	1.417
61	36.23	1.509

041.10 Direct Available Phosphate		
Lab		Gravimetric Quimociac
44	42.20	-2.216
Std Dev	39.63	-1.000
87	38.35	-0.388
Median	37.53	0.000
39	36.71	0.388
49	35.81	0.815

041.20 Direct Available Phosphate		
Lab		Spectrometric
220	40.31	0.000
Median	40.31	0.000

041.40 Direct Available Phosphate		
Lab		Automated
39	41.25	-1.340
Std Dev	40.50	-1.000
Median	38.30	0.000
Std Dev	36.10	1.000
49	35.35	1.340

041.50 Direct Available Phosphate		
Lab		ICP
80	37.35	-0.776
87	37.27	-0.644
Median	36.85	0.000
63	36.44	0.644
63	36.39	0.721

041.60 Direct Available Phosphate		
Lab		EDTA Extract
29	46.56	-1.340
Std Dev	46.03	-1.000
Median	44.46	0.000
Std Dev	42.88	1.000
64	42.35	1.340

041.XX Direct Available Phosphate		
Lab		Total Method
29	46.56	-2.566
64	42.35	-1.393
44	42.20	-1.350
39	41.25	-1.085
Std Dev	40.94	-1.000
220	40.31	-0.823
87	38.35	-0.277
80	37.35	0.000
Median	37.35	0.000
87	37.27	0.024
39	36.71	0.178
63	36.44	0.255
63	36.39	0.269
49	35.81	0.429
49	35.35	0.557

048.10 Water Soluble Phosphate		
Lab		Gravimetric Quimociac
79	43.16	0.000
Median	43.16	0.000

048.20 Water Soluble Phosphate		
Lab		Spectrometric
124	34.73	-1.914
61	34.56	-1.454
Std Dev	34.38	-1.000
220	34.33	-0.859
61	34.25	-0.638
24	34.11	-0.270
Median	34.00	0.000
14	33.90	0.270
14	33.87	0.349
24	33.78	0.599
31	33.75	0.678
Std Dev	33.62	1.000
18	33.49	1.362

048.99 Water Soluble Phosphate		
Lab		Other
9	33.14	-1.340
Std Dev	33.05	-1.000
Median	32.79	0.000
Std Dev	32.53	1.000
123	32.44	1.340

048.XX Water Soluble Phosphate		
Lab		Total Method
79	43.16	-21.248
124	34.73	-1.904
61	34.56	-1.503
Std Dev	34.34	-1.000
220	34.33	-0.984
61	34.25	-0.792
24	34.11	-0.470
14	33.90	0.000
Median	33.90	0.000
14	33.87	0.069
24	33.78	0.287
31	33.75	0.356
18	33.49	0.952

Std Dev	33.46	1.000
9	33.14	1.744
123	32.44	3.350

050.00 Soluble Potash		
Lab		STPB Oxalate
87	0.30	0.000
Median	0.30	0.000

050.51 %K ₂ O Soluble Potash		
Lab		ICP(Citrate)
102	0.34	-1.340
Std Dev	0.33	-1.000
Median	0.32	0.000
Std Dev	0.30	1.000
87	0.30	1.340

050.99 Soluble Potash		
Lab	%K ₂ O	Other
18	0.70	-15.219
61	0.34	-1.244
Std Dev	0.33	-1.000
61	0.31	-0.096
Median	0.30	0.000
24	0.30	0.096
24	0.29	0.479
Std Dev	0.28	1.000
28	0.28	1.053

050.XX Soluble Potash		
Lab	%K ₂ O	Total Method
18	0.70	0.000
102	0.34	0.000
61	0.34	0.000
Std Dev	0.00	-1.000
61	0.31	0.000
24	0.30	0.000
87	0.30	0.000
Median	0.00	0.000
87	0.30	0.000
24	0.29	0.000
Std Dev	0.00	1.000
28	0.28	0.000

060.00 Free Water		
Lab	Vacuum Oven	
31	0.79	-3.127
24	0.75	-1.936
24	0.72	-1.042
Std Dev	0.71	-1.000
18	0.70	-0.447
9	0.68	0.000
220	0.68	0.000
Median	0.68	0.000
28	0.67	0.298
Std Dev	0.65	1.000
123	0.62	1.787
79	0.51	5.062

060.10 Free Water		
Lab	Vacuum Desiccator	
61	0.71	-1.340
Std Dev	0.70	-1.000
Median	0.70	0.000
Std Dev	0.70	1.000
61	0.70	1.340

060.99 Free Water		
Lab	Other	
124	1.45	0.000
Median	1.45	0.000

060.XX Free Water		
Lab	Total Method	
124	1.45	-22.482
31	0.79	-2.680
24	0.75	-1.489
Std Dev	0.73	-1.000
24	0.72	-0.596
61	0.71	-0.298
18	0.70	0.000
61	0.70	0.000
Median	0.70	0.000
9	0.68	0.447
220	0.68	0.447
28	0.67	0.744
Std Dev	0.66	1.000
123	0.62	2.233

79 0.51 5.509			
101.30 Acid Soluble Calcium			
Lab	%CaO	ICP	
102	32.13	-2.851	
Std Dev	30.54	-1.000	
124	30.07	-0.459	
24	29.90	-0.256	
9	29.82	-0.163	
61	29.70	-0.029	
Median	29.68	0.000	
24	29.65	0.029	
14	28.92	0.877	
Std Dev	28.81	1.000	
14	28.66	1.185	
87	28.05	1.891	
28	4.27	29.512	

101.70 Acid Soluble Calcium			
Lab	%CaO	Titrimetric	
18	29.76	0.000	
Median	29.76	0.000	

101.99 Acid Soluble Calcium			
Lab	%CaO	Other	
241	30.67	0.000	
Median	30.67	0.000	

101.XX Acid Soluble Calcium			
Lab	%CaO	Total Method	
102	32.13	-2.967	
241	30.67	-1.164	
Std Dev	30.54	-1.000	
124	30.07	-0.423	
24	29.90	-0.207	
9	29.82	-0.108	
18	29.76	-0.034	
Median	29.73	0.000	
61	29.70	0.034	
24	29.65	0.096	
14	28.92	0.997	
Std Dev	28.92	1.000	
14	28.66	1.325	
87	28.05	2.075	

28 4.27 31.447			
121.00 Acid Soluble Magnesium			
Lab	%MgO	Atomic Absorption	
241	0.46	-1.340	
Std Dev	0.46	-1.000	
Median	0.45	0.000	
Std Dev	0.44	1.000	
18	0.44	1.340	

121.30 Acid Soluble Magnesium			
Lab	%MgO	ICP	
124	3057.00	#####	
24	0.54	-3.446	
14	0.51	-1.149	
Std Dev	0.50	-1.000	
9	0.50	-0.574	
39	0.50	-0.536	
14	0.49	0.000	
24	0.49	0.000	
Median	0.49	0.000	
87	0.48	0.680	
28	0.48	0.766	
61	0.48	0.766	
102	0.48	0.942	
Std Dev	0.48	1.000	
61	0.48	1.149	
31	0.45	3.063	

121.XX Acid Soluble Magnesium			
Lab	%MgO	Total Method	
124	3057.00	#####	
24	0.54	-3.455	
14	0.51	-1.531	
9	0.50	-1.050	
39	0.50	-1.018	
Std Dev	0.50	-1.000	
14	0.49	-0.570	
24	0.49	-0.570	
87	0.48	0.000	
Median	0.48	0.000	
28	0.48	0.072	
61	0.48	0.072	
102	0.48	0.219	

61	0.48	0.392
Std Dev	0.47	1.000
241	0.46	1.354
31	0.45	1.995
18	0.44	2.636

131.00 Free Acid		
Lab	Acetone Method	
24	0.34	-1.096
14	0.33	-1.035
Std Dev	0.33	-1.000
14	0.32	-0.853
24	0.25	0.000
Median	0.25	0.000
124	0.24	0.061
61	0.19	0.731
Std Dev	0.16	1.000
18	0.15	1.218

144..01 Sulfate Sulfur (S)		
Lab	Gravimetric	
220	0.52	-2.106
Std Dev	0.49	-1.000
61	0.48	-0.766
79	0.46	0.000
Median	0.46	0.000
61	0.45	0.574
Std Dev	0.43	1.000
241	0.39	2.680

144.02 Sulfate Sulfur (S)		
Lab	Gravimetric	
18	0.42	0.000
Median	0.42	0.000

144.70 Sulfur		
Lab	Spectrometric	
14	0.59	-1.340
Std Dev	0.58	-1.000
Median	0.58	0.000
Std Dev	0.58	1.000
14	0.58	1.340

144.99 Sulfate Sulfur (S)		
Lab	Other	
124	#####	#####
28	1.03	-1.677
Std Dev	0.80	-1.000
24	0.48	-0.030
Median	0.47	0.000
24	0.46	0.030
9	0.44	0.090
31	0.39	0.240

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
124	#####	#####
28	1.03	-6.126
14	0.59	-1.258
14	0.58	-1.203
Std Dev	0.56	-1.000
220	0.52	-0.492
24	0.48	-0.109
61	0.48	-0.109
Median	0.47	0.000
24	0.46	0.109
79	0.46	0.109
61	0.45	0.273
9	0.44	0.328
18	0.42	0.547
31	0.39	0.875
241	0.39	0.875

145.99 Total Sulfur (S)		
Lab	Other	
87	0.68	-1.340
Std Dev	0.64	-1.000
Median	0.52	0.000
Std Dev	0.41	1.000
102	0.37	1.340

145.XX Total Sulfur (S)		
Lab	Total Method	
87	0.68	-1.340
Std Dev	0.64	-1.000
Median	0.52	0.000
Std Dev	0.41	1.000

102	0.37	1.340
151.30 Total Arsenic		
Lab	ICP	
64	32.40	-0.663
28	31.65	-0.511
9	31.00	-0.382
28	29.10	0.000
Median	29.10	0.000
102	28.35	0.151
Std Dev	24.12	1.000
24	20.95	1.637
124	18.41	2.147

151.99 Total Arsenic		
Lab	Other	
18	31.00	-1.340
Std Dev	30.72	-1.000
Median	29.89	0.000
Std Dev	29.06	1.000
87	28.78	1.340

151.XX Total Arsenic		
Lab	Total Method	
64	32.40	-1.669
28	31.65	-1.287
Std Dev	31.08	-1.000
9	31.00	-0.961
18	31.00	-0.961
28	29.10	0.000
Median	29.10	0.000
87	28.78	0.164
102	28.35	0.379
Std Dev	27.12	1.000
24	20.95	4.121
124	18.41	5.406

165.99 Acid Soluble Boron		
Lab	PPM	Other
87	463.35	-5.105
Std Dev	104.08	-1.000
124	19.52	-0.034
Median	16.56	0.000
24	13.60	0.034

102	12.00	0.052
165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
87	463.35	-5.105
Std Dev	104.08	-1.000
124	19.52	-0.034
Median	16.56	0.000
24	13.60	0.034
102	12.00	0.052

181.00 Total Cadmium		
Lab	Atomic Absorbion	
220	100.98	-1.340
Std Dev	100.41	-1.000
Median	98.74	0.000
Std Dev	97.07	1.000
18	96.50	1.340

181.30 Total Cadmium		
Lab	PPM	ICP
124	114.00	-3.741
61	108.00	-2.171
Std Dev	103.52	-1.000
61	103.00	-0.863
9	100.00	-0.078
28	99.95	-0.065
Median	99.70	0.000
28	99.45	0.065
64	97.51	0.573
31	97.00	0.706
Std Dev	95.88	1.000
87	93.18	1.706
102	89.45	2.681

181.99 Total Cadmium		
Lab	Other	
24	112.00	-1.340
Std Dev	111.49	-1.000
Median	110.00	0.000
Std Dev	108.51	1.000
241	108.00	1.340

181.XX Total Cadmium		
Lab	PPM	Total Method
124	114.00	-1.953
24	112.00	-1.675
61	108.00	-1.118
241	108.00	-1.118
Std Dev	107.16	-1.000
61	103.00	-0.421
220	100.98	-0.140
9	100.00	-0.003
Median	99.98	0.000
28	99.95	0.003
28	99.45	0.073
64	97.51	0.343
31	97.00	0.414
18	96.50	0.484
87	93.18	0.946
Std Dev	92.79	1.000
102	89.45	1.466

190.00 Aluminum		
Lab	%Al ₂ O ₃	ICP
124	0.49	-0.643
241	0.49	-0.574
24	0.49	-0.383
24	0.48	-0.191
87	0.48	-0.150
28	0.48	0.000
61	0.48	0.000
Median	0.48	0.000
61	0.47	0.191
14	0.45	0.957
Std Dev	0.45	1.000
14	0.44	1.531
102	0.40	2.772
9	0.40	2.871

190.99 Aluminum		
Lab	%Al ₂ O ₃	Atomic Absorption
18	0.49	0.000
Median	0.49	0.000

190.XX Aluminum		
Lab	%Al ₂ O ₃	Total Method

124	0.49	-0.643
18	0.49	-0.574
241	0.49	-0.574
24	0.49	-0.383
24	0.48	-0.191
87	0.48	-0.150
28	0.48	0.000
61	0.48	0.000
Median	0.48	0.000
61	0.47	0.191
14	0.45	0.957
Std Dev	0.45	1.000
14	0.44	1.531
102	0.40	2.772
9	0.40	2.871

191.00	Total Chromium	
Lab	Atomic Absorbtion	
18	364.00	0.000
Median	364.00	0.000

191.30	Total Chromium	
Lab	ICP	
61	489.50	-7.292
61	444.50	-4.967
Std Dev	367.71	-1.000
28	353.75	-0.279
28	353.00	-0.240
9	350.00	-0.085
Median	348.35	0.000
64	346.71	0.085
87	332.50	0.819
Std Dev	329.00	1.000
124	326.00	1.155
31	322.00	1.361
102	296.00	2.705

191.99	Total Chromium	
Lab	PPM	Other
24	349.00	0.000
Median	349.00	0.000

191.XX	Total Chromium	
Lab	PPM	Total Method

61	489.50	-7.375
61	444.50	-5.004
Std Dev	368.48	-1.000
18	364.00	-0.764
28	353.75	-0.224
28	353.00	-0.184
9	350.00	-0.026
Median	349.50	0.000
24	349.00	0.026
64	346.71	0.147
87	332.50	0.896
Std Dev	330.52	1.000
124	326.00	1.238
31	322.00	1.449
102	296.00	2.818

202.30	Acid Soluble Cobalt	
Lab	PPM	ICP
124	<0.05	0.000
28	2.10	-2.161
87	2.07	-1.599
Std Dev	2.05	-1.000
9	2.00	0.000
61	2.00	0.000
61	2.00	0.000
Median	2.00	0.000
Std Dev	1.95	1.000
28	1.95	1.081
102	1.75	5.403

202.99	Acid Soluble Cobalt	
Lab	Other	
24	2.09	0.000
Median	2.09	0.000

202.XX	Acid Soluble Cobalt	
Lab	PPM	Total Method
124	<0.05	0.000
28	2.10	-1.481
24	2.09	-1.333
87	2.07	-1.096
Std Dev	2.07	-1.000
9	2.00	0.000
61	2.00	0.000

61	2.00	0.000
Median	2.00	0.000
28	1.95	0.740
Std Dev	1.93	1.000
102	1.75	3.702

221.00	Acid Soluble Copper	
Lab	Atomic Absorption	
220	0.44	-0.987
18	0.44	0.000
Median	0.44	0.000
Std Dev	0.43	1.000
241	0.43	1.693

221.30	Acid Soluble Copper	
Lab	PPM	ICP
9	51.50	-1.081
Std Dev	51.33	-1.000
124	50.72	-0.706
28	49.40	-0.072
Median	49.25	0.000
28	49.10	0.072
Std Dev	47.17	1.000
102	47.10	1.033
87	46.27	1.431

221.99	Acid Soluble Copper	
Lab	Other	
24	47.80	0.000
Median	47.80	0.000

221.XX	Acid Soluble Copper	
Lab	PPM	Total Method
9	51.50	-1.440
124	50.72	-1.072
Std Dev	50.57	-1.000
28	49.40	-0.449
28	49.10	-0.307
Median	48.45	0.000
24	47.80	0.307
102	47.10	0.638
Std Dev	46.33	1.000
87	46.27	1.029
18	44.00	2.101

241.30	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	ICP
14	0.44	-1.437
14	0.44	-1.078
24	0.44	-1.078
Std Dev	0.43	-1.000
87	0.43	-0.728
39	0.42	-0.216
9	0.42	0.000
24	0.42	0.000
Median	0.42	0.000
28	0.42	0.359
124	0.41	0.460
31	0.41	0.719
Std Dev	0.41	1.000
61	0.40	1.796
61	0.39	2.156

241.99	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	Other
102	0.36	0.000
Median	0.36	0.000

241.XX	Acid Soluble Iron	
Lab	%Fe ₂ O ₃	Total Method
14	0.44	-1.112
Std Dev	0.44	-1.000
220	0.44	-0.986
14	0.44	-0.811
18	0.44	-0.811
24	0.44	-0.811
87	0.43	-0.519
241	0.43	-0.511
39	0.42	-0.090
Median	0.42	0.000
9	0.42	0.090
24	0.42	0.090
28	0.42	0.391
124	0.41	0.475
31	0.41	0.691
Std Dev	0.40	1.000
61	0.40	1.592
61	0.39	1.893

102 0.36 3.518

251.30		Total Lead
Lab	PPM	ICP
87	<5	0.000
102	<5	0.000
124	4.81	-0.415
61	4.50	0.000
61	4.50	0.000
Median	4.50	0.000
Std Dev	3.75	1.000
28	3.50	1.340
28	3.40	1.474

251.99		Total Lead
Lab	PPM	Other
24	3.51	0.000
Median	3.51	0.000

251.XX		Total Lead
Lab	PPM	Total Method
87	<5	0.000
102	<5	0.000
124	4.81	-1.083
Std Dev	4.75	-1.000
61	4.50	-0.667
61	4.50	-0.667
Median	4.00	0.000
24	3.51	0.667
28	3.50	0.674
28	3.40	0.808

261.00		Acid Soluble Manganese
Lab	PPM	Atomic Absorption
18	150.00	0.000
Median	150.00	0.000

261.30		Acid Soluble Manganese
Lab	PPM	ICP
28	159.40	-1.048
Std Dev	158.74	-1.000
9	150.50	-0.399
28	149.50	-0.326
39	146.50	-0.108

Median		145.03	0.000
87	143.55	0.108	
124	133.00	0.877	
Std Dev	131.31	1.000	
102	126.50	1.351	
31	0.27	10.556	

261.99		Acid Soluble Manganese
Lab	PPM	Other
24	150.50	0.000
61	150.50	0.000
Median	150.50	0.000
Std Dev	149.19	1.000
61	147.00	2.680

261.XX		Acid Soluble Manganese
Lab	PPM	Total Method
28	159.40	-1.558
Std Dev	155.40	-1.000
9	150.50	-0.314
24	150.50	-0.314
61	150.50	-0.314
18	150.00	-0.245
28	149.50	-0.175
Median	148.25	0.000
61	147.00	0.175
39	146.50	0.245
87	143.55	0.657
Std Dev	141.10	1.000
124	133.00	2.131
102	126.50	3.040
31	0.27	20.682

271.99		Water Soluble Manganese
Lab	PPM	Other
124	135.00	0.000
Median	135.00	0.000

271.XX		Water Soluble Manganese
Lab	PPM	Total Method
124	135.00	0.000
Median	135.00	0.000

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

281.30		Total Mercury
Lab	PPM	ICP
24	<0.07	0.000
124	<0.05	0.000
Median	0.00	0.000

281.99		Total Mercury
Lab	PPM	Other
102	<.4	0.000
Median	0.00	0.000

281.XX		Total Mercury
Lab	PPM	Total Method
24	<0.07	0.000
124	<0.05	0.000
87	<0.025	0.000
102	<.4	0.000
Median	0.00	0.000

289.30		Total Molybdenum
Lab	PPM	ICP
124	<0.05	0.000
61	5.50	-1.680
28	5.30	-1.268
Std Dev	5.17	-1.000
61	5.00	-0.649
28	4.69	0.000
Median	4.69	0.000
9	4.55	0.278
102	4.45	0.484
Std Dev	4.20	1.000
87	2.26	4.995

289.99		Total Molybdenum
Lab	PPM	Other
18	5.00	-1.340
Std Dev	4.96	-1.000
Median	4.84	0.000
Std Dev	4.72	1.000

24 4.68 1.340

289.XX		Total Molybdenum
Lab	PPM	Total Method
124	<0.05	0.000
61	5.50	-2.427
28	5.30	-1.831
Std Dev	5.02	-1.000
18	5.00	-0.938
61	5.00	-0.938
28	4.69	0.000
Median	4.69	0.000
24	4.68	0.030
9	4.55	0.402
102	4.45	0.700
Std Dev	4.35	1.000
87	2.26	7.215

291.00		Total Nickel
Lab	PPM	Atomic Absorption
18	38.00	0.000
Median	38.00	0.000

291.30		Total Nickel
Lab	PPM	ICP
28	39.15	-1.642
9	38.50	-1.309
28	38.10	-1.103
Std Dev	37.90	-1.000
61	36.00	-0.021
87	35.96	0.000
Median	35.96	0.000
64	35.59	0.191
61	35.50	0.237
Std Dev	34.02	1.000
102	31.05	2.531
124	29.39	3.386

291.99		Total Nickel
Lab	PPM	Other
24	35.55	0.000
Median	35.55	0.000

291.XX	Total Nickel	
Lab	PPM	Total Method
28	39.15	-1.690
9	38.50	-1.348
28	38.10	-1.136
18	38.00	-1.083
Std Dev	37.84	-1.000
61	36.00	-0.021
87	35.96	0.000
Median	35.96	0.000
64	35.59	0.196
24	35.55	0.218
61	35.50	0.244
Std Dev	34.08	1.000
102	31.05	2.606
124	29.39	3.487

301.30	Total Selenium	
Lab	PPM	ICP
102	<5	0.000
87	<4.6	0.000
124	<0.05	0.000
28	6.20	-0.628
28	4.90	0.000
Median	4.90	0.000
24	0.64	2.052

301.99	Total Selenium	
Lab	PPM	Other
18	0.32	0.000
Median	0.32	0.000

301.XX	Total Selenium	
Lab	PPM	Total Mthod
102	<5	0.000
87	<4.6	0.000
124	<0.05	0.000
28	6.20	-0.986
28	4.90	-0.612
Median	2.77	0.000
24	0.64	0.612
18	0.32	0.704

311.00	Sodium	
Lab	%Na ₂ O	Atomic Absorbtion
18	0.56	-2.842
Std Dev	0.50	-1.000
61	0.48	-0.244
Median	0.47	0.000
61	0.46	0.244
Std Dev	0.44	1.000
28	0.44	1.056

311.99	Sodium	
Lab	%Na ₂ O	Other
124	0.53	-3.601
Std Dev	0.50	-1.000
87	0.50	-0.933
24	0.49	0.000
Median	0.49	0.000
24	0.49	0.407
Std Dev	0.48	1.000
102	0.45	2.896

311.XX	Sodium	
Lab	%Na ₂ O	Total Method
18	0.56	-2.263
124	0.53	-1.591
Std Dev	0.52	-1.000
87	0.50	-0.532
24	0.49	-0.162
24	0.49	0.000
Median	0.49	0.000
61	0.48	0.323
61	0.46	0.808
102	0.45	0.988
Std Dev	0.45	1.000
28	0.44	1.616

321.00	Acid Soluble Zinc	
Lab		Atomic Absorption
18	230.00	0.000
Median	230.00	0.000

321.30	Acid Soluble Zinc	
Lab	PPM	ICP
28	261.95	-0.431

9	260.00	-0.350
28	258.50	-0.289
39	254.50	-0.124
64	251.54	-0.002
24	251.50	0.000
Median	251.50	0.000
87	238.00	0.557
Std Dev	227.25	1.000
61	224.50	1.113
61	223.50	1.154
102	220.00	1.299
124	216.35	1.449

321.XX	Acid Soluble Zinc	
Lab	PPM	Total Method
28	261.95	-0.738
9	260.00	-0.654
28	258.50	-0.590
39	254.50	-0.418
64	251.54	-0.291
24	251.50	-0.289
Median	244.75	0.000
87	238.00	0.289
18	230.00	0.632
61	224.50	0.868
61	223.50	0.911
Std Dev	221.43	1.000
102	220.00	1.061
124	216.35	1.218

325.00	Fluoride	
Lab		Volumetric
9	2.23	0.000
Median	2.23	0.000

325.10	Fluoride	
Lab	%	Electrode
31	2.41	-0.867
18	2.30	-0.372
124	2.26	-0.191
220	2.24	-0.079
24	2.22	-0.011
Median	2.22	0.000
24	2.22	0.011

14	1.96	1.160
14	1.96	1.182
102	1.91	1.385
79	1.05	5.274

325.99	Fluoride	
Lab	%	Other
61	2.36	-1.340
Median	2.34	0.000
61	2.33	1.340

325.XX	Fluoride	
Lab	%	Total Method
31	2.41	-0.709
61	2.36	-0.493
61	2.33	-0.394
18	2.30	-0.276
124	2.26	-0.118
220	2.24	-0.020
9	2.23	0.000
Median	2.23	0.000
24	2.22	0.039
24	2.22	0.059
14	1.96	1.064
14	1.96	1.084
102	1.91	1.261
79	1.05	4.664