

001.10 Ammoniacal Nitrogen		
Lab	MgO distillation	
124	11.01	-0.451
31	10.83	0.000
<b>Median</b>	<b>10.83</b>	<b>0.000</b>
<b>Std Dev</b>	<b>10.41</b>	<b>1.000</b>
242	9.91	2.229

001.99 Ammoniacal Nitrogen		
Lab	Other	
28	10.90	-2.546
28	10.80	-1.273
<b>Std Dev</b>	<b>10.78</b>	<b>-1.000</b>
61	10.75	-0.536
34	10.74	-0.469
61	10.72	-0.201
140	10.71	0.000
<b>Median</b>	<b>10.71</b>	<b>0.000</b>
23	10.68	0.335
23	10.65	0.737
24	10.64	0.938
<b>Std Dev</b>	<b>10.63</b>	<b>1.000</b>
24	10.62	1.139
38	9.82	11.859

001.XX Ammoniacal Nitrogen		
Lab	Total Method	
124	11.01	-2.703
28	10.90	-1.658
31	10.83	-1.022
<b>Std Dev</b>	<b>10.82</b>	<b>-1.000</b>
28	10.80	-0.795
61	10.75	-0.295
34	10.74	-0.250
61	10.72	-0.068
<b>Median</b>	<b>10.71</b>	<b>0.000</b>
140	10.71	0.068
23	10.68	0.295
23	10.65	0.568
24	10.64	0.704
24	10.62	0.840
<b>Std Dev</b>	<b>10.60</b>	<b>1.000</b>
242	9.91	7.291
38	9.82	8.108

005.00 Nitrogen from Urea		
Lab	Urease(as N)	
242	10.78	0.000
<b>Median</b>	<b>10.78</b>	<b>0.000</b>

005.XX Nitrogen from Urea		
Lab	Total Method	
242	10.78	0.000
<b>Median</b>	<b>10.78</b>	<b>0.000</b>

010.12 Total Nitrogen		
Lab	Salicylic	
107	10.66	0.000
<b>Median</b>	<b>10.66</b>	<b>0.000</b>

010.60 Total Nitrogen		
Lab	Combustion	
47	10.94	-1.939
65	10.93	-1.904
49	10.81	-1.058
<b>Std Dev</b>	<b>10.80</b>	<b>-1.000</b>
31	10.79	-0.882
102	10.79	-0.882
99	10.77	-0.776
79	10.77	-0.741
9	10.72	-0.388
75	10.71	-0.317
35	10.70	-0.282
123	10.69	-0.212
44	10.67	-0.071
63	10.67	-0.071
38	10.66	0.000
<b>Median</b>	<b>10.66</b>	<b>0.000</b>
111	10.65	0.071
24	10.65	0.106
63	10.65	0.106
24	10.63	0.212
29	10.61	0.353
66	10.55	0.776
80	10.55	0.776
14	10.52	0.987
<b>Std Dev</b>	<b>10.52</b>	<b>1.000</b>
14	10.52	1.023

95	10.50	1.128
110	10.48	1.305
103	10.47	1.340
39	10.44	1.552

010.99 Total Nitrogen		
Lab	Other	
124	13.37	-2.675
<b>Std Dev</b>	<b>11.74</b>	<b>-1.000</b>
40	10.77	0.000
<b>Median</b>	<b>10.77</b>	<b>0.000</b>
140	10.76	0.005

010.XX Total Nitrogen		
Lab	Total Method	
124	13.37	-19.521
47	10.94	-1.919
65	10.93	-1.883
49	10.81	-1.014
<b>Std Dev</b>	<b>10.81</b>	<b>-1.000</b>
31	10.79	-0.833
102	10.79	-0.833
99	10.77	-0.724
40	10.77	-0.688
79	10.77	-0.688
140	10.76	-0.652
9	10.72	-0.326
75	10.71	-0.254
35	10.70	-0.217
123	10.69	-0.145
44	10.67	0.000
63	10.67	0.000
<b>Median</b>	<b>10.67</b>	<b>0.000</b>
38	10.66	0.072
107	10.66	0.109
111	10.65	0.145
24	10.65	0.181
63	10.65	0.181
24	10.63	0.290
29	10.61	0.435
66	10.55	0.869
80	10.55	0.869
<b>Std Dev</b>	<b>10.53</b>	<b>1.000</b>
14	10.52	1.086

14	10.52	1.123
95	10.50	1.231
110	10.48	1.412
103	10.47	1.449
39	10.44	1.666

020.10 Total Phosphate		
Lab	Gravimetric Quimociac	
241	51.90	-1.034
<b>Std Dev</b>	<b>51.89</b>	<b>-1.000</b>
40	51.50	0.000
<b>Median</b>	<b>51.50</b>	<b>0.000</b>
<b>Std Dev</b>	<b>51.10</b>	<b>1.000</b>
35	50.85	1.646

020.20 Total Phosphate		
Lab	Spectrometric	
103	52.22	-5.475
102	51.71	-2.088
14	51.59	-1.299
14	51.57	-1.200
<b>Std Dev</b>	<b>51.54</b>	<b>-1.000</b>
61	51.51	-0.806
237	51.50	-0.740
9	51.48	-0.575
242	51.45	-0.411
140	51.45	-0.378
61	51.42	-0.214
31	51.40	-0.082
<b>Median</b>	<b>51.39</b>	<b>0.000</b>
79	51.38	0.082
99	51.38	0.082
23	51.33	0.378
34	51.33	0.378
24	51.32	0.444
23	51.28	0.707
24	51.26	0.871
<b>Std Dev</b>	<b>51.24</b>	<b>1.000</b>
124	50.64	4.916
123	50.39	6.560
110	50.30	7.152
95	48.00	22.279

020.30 Total Phosphate		
Lab	Alka. Quimociac	
111	50.66	0.000
<b>Median</b>	<b>50.66</b>	<b>0.000</b>

020.50 Total Phosphate		
Lab	ICP	
9	51.44	0.000
<b>Median</b>	<b>51.44</b>	<b>0.000</b>

020.99 Total Phosphate		
Lab	Other	
28	51.65	-1.340
<b>Std Dev</b>	<b>51.45</b>	<b>-1.000</b>
<b>Median</b>	<b>50.88</b>	<b>0.000</b>
<b>Std Dev</b>	<b>50.30</b>	<b>1.000</b>
28	50.10	1.340

020.XX Total Phosphate		
Lab	Total Method	
103	52.22	-4.485
241	51.90	-2.735
102	51.71	-1.668
28	51.65	-1.367
14	51.59	-1.012
<b>Std Dev</b>	<b>51.58</b>	<b>-1.000</b>
14	51.57	-0.930
61	51.51	-0.602
237	51.50	-0.547
40	51.50	-0.520
9	51.48	-0.410
242	51.45	-0.273
140	51.45	-0.246
9	51.44	-0.219
61	51.42	-0.109
31	51.40	0.000
<b>Median</b>	<b>51.40</b>	<b>0.000</b>
79	51.38	0.137
99	51.38	0.137
23	51.33	0.383
34	51.33	0.383
24	51.32	0.438
23	51.28	0.656
24	51.26	0.793

<b>Std Dev</b>	<b>51.22</b>	<b>1.000</b>
35	50.85	3.008
111	50.66	4.047
124	50.64	4.157
123	50.39	5.524
110	50.30	6.016
28	50.10	7.110
95	48.00	18.596

030.20 Insoluble Phosphate		
Lab	Spectrometric	
61	0.87	-1.527
61	0.81	-1.184
<b>Std Dev</b>	<b>0.78</b>	<b>-1.000</b>
24	0.77	-0.935
24	0.70	-0.499
79	0.64	-0.125
23	0.62	0.000
<b>Median</b>	<b>0.62</b>	<b>0.000</b>
124	0.59	0.187
23	0.56	0.405
14	0.49	0.841
14	0.49	0.841
<b>Std Dev</b>	<b>0.46</b>	<b>1.000</b>
140	0.38	1.496

030.30 Insoluble Phosphate		
Lab	Alka. Quimociac	
31	0.59	0.000
<b>Median</b>	<b>0.59</b>	<b>0.000</b>

030.40 Insoluble Phosphate		
Lab	Automated	
34	0.61	0.000
<b>Median</b>	<b>0.61</b>	<b>0.000</b>

030.50 Insoluble Phosphate		
Lab	ICP	
9	0.59	0.000
<b>Median</b>	<b>0.59</b>	<b>0.000</b>

030.99 Insoluble Phosphate		
Lab	Other	
28	0.30	-1.340

<b>Std Dev</b>	<b>0.29</b>	<b>-1.000</b>
<b>Median</b>	<b>0.26</b>	<b>0.000</b>
<b>Std Dev</b>	<b>0.23</b>	<b>1.000</b>
28	0.22	1.340

030.XX Insoluble Phosphate		
Lab	Total Method	
61	0.87	-2.187
61	0.81	-1.754
24	0.77	-1.439
<b>Std Dev</b>	<b>0.71</b>	<b>-1.000</b>
24	0.70	-0.887
79	0.64	-0.414
23	0.62	-0.256
34	0.61	-0.177
124	0.59	-0.020
<b>Median</b>	<b>0.59</b>	<b>0.000</b>
9	0.59	0.020
31	0.59	0.020
23	0.56	0.256
14	0.49	0.808
14	0.49	0.808
<b>Std Dev</b>	<b>0.46</b>	<b>1.000</b>
140	0.38	1.636
28	0.30	2.266
28	0.22	2.897

040.20 Indirect Available Phosphate		
Lab	Spectrometric	
14	51.10	-1.970
14	51.09	-1.897
140	51.07	-1.799
<b>Std Dev</b>	<b>50.90</b>	<b>-1.000</b>
31	50.81	-0.526
23	50.78	-0.379
79	50.74	-0.184
<b>Median</b>	<b>50.70</b>	<b>0.000</b>
23	50.66	0.184
61	50.65	0.257
61	50.61	0.428
24	50.56	0.698
24	50.55	0.722
<b>Std Dev</b>	<b>50.49</b>	<b>1.000</b>
123	50.39	1.505

040.50 Indirect Available Phosphate		
Lab	ICP	
9	50.90	0.000
<b>Median</b>	<b>50.90</b>	<b>0.000</b>

040.99 Indirect Available Phosphate		
Lab	Other	
34	50.74	0.000
<b>Median</b>	<b>50.74</b>	<b>0.000</b>

040.XX Indirect Available Phosphate		
Lab	Total Method	
14	51.10	-1.886
14	51.09	-1.808
140	51.07	-1.704
<b>Std Dev</b>	<b>50.93</b>	<b>-1.000</b>
9	50.90	-0.846
31	50.81	-0.351
23	50.78	-0.195
34	50.74	-0.013
<b>Median</b>	<b>50.74</b>	<b>0.000</b>
79	50.74	0.013
23	50.66	0.403
61	50.65	0.481
61	50.61	0.663
24	50.56	0.950
24	50.55	0.976
<b>Std Dev</b>	<b>50.55</b>	<b>1.000</b>
123	50.39	1.808

041.10 Direct Available Phosphate		
Lab	Gravimetric Quimociac	
44	52.40	-1.591
<b>Std Dev</b>	<b>51.98</b>	<b>-1.000</b>
47	51.50	-0.335
<b>Median</b>	<b>51.26</b>	<b>0.000</b>
39	51.02	0.335
<b>Std Dev</b>	<b>50.54</b>	<b>1.000</b>
107	50.00	1.759

041.20 Direct Available Phosphate		
Lab	Spectrometric	
237	50.20	0.000

Median	50.20	0.000
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041.40 Direct Available Phosphate		
Lab	Automated	

49	51.44	-0.916
39	51.03	-0.461
14	50.64	-0.017
Median	50.62	0.000
14	50.61	0.017
Std Dev	49.73	1.000
38	49.45	1.315
103	47.34	3.686

041.50 Direct Available Phosphate		
Lab	ICP	

63	50.54	-0.126
63	50.52	-0.105
66	50.42	0.000
Median	50.42	0.000
Std Dev	49.46	1.000
47	49.24	1.235
80	48.65	1.853

041.60 Direct Available Phosphate		
Lab	EDTA Extract	

29	51.14	-1.340
Std Dev	51.05	-1.000
Median	50.77	0.000
Std Dev	50.50	1.000
75	50.41	1.340

041.99 Direct Available Phosphate		
Lab	Other	

28	51.43	-1.340
Std Dev	51.22	-1.000
Median	50.62	0.000
Std Dev	50.01	1.000
28	49.80	1.340

041.XX Direct Available Phosphate		
Lab	Total Method	

44	52.40	-2.263
47	51.50	-1.174
49	51.44	-1.095

28	51.43	-1.089
Std Dev	51.36	-1.000

29	51.14	-0.738
39	51.03	-0.605
39	51.02	-0.593
14	50.64	-0.127
14	50.61	-0.091
63	50.54	-0.012
Median	50.53	0.000

63	50.52	0.012
66	50.42	0.133
75	50.41	0.151
237	50.20	0.399
107	50.00	0.641
28	49.80	0.883
Std Dev	49.70	1.000
38	49.45	1.307
47	49.24	1.561
80	48.65	2.275
103	47.34	3.860

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	

123	47.98	-27.842
79	44.69	-3.350
124	44.39	-1.154
Std Dev	44.37	-1.000
23	44.30	-0.447
31	44.27	-0.261
24	44.25	-0.112
23	44.24	0.000
Median	44.24	0.000
140	44.19	0.372
24	44.17	0.484

14	44.12	0.893
Std Dev	44.10	1.000

61	44.09	1.117
14	44.06	1.303
61	43.95	2.159

048.30 Water Soluble Phosphate		
Lab	Alka. Quimociac	

111	43.48	0.000
Median	43.48	0.000

048.99 Water Soluble Phosphate		
Lab	Other	

9	44.73	-1.340
Std Dev	44.65	-1.000
Median	44.42	0.000
Std Dev	44.19	1.000
34	44.11	1.340

048.XX Water Soluble Phosphate		
Lab	Total Method	

123	47.98	-23.466
9	44.73	-3.210
79	44.69	-2.960
124	44.39	-1.122
Std Dev	44.37	-1.000
23	44.30	-0.530
31	44.27	-0.374
24	44.25	-0.249
23	44.24	-0.156
Median	44.21	0.000

140	44.19	0.156
24	44.17	0.249
14	44.12	0.592
34	44.11	0.623
61	44.09	0.779
14	44.06	0.935
Std Dev	44.05	1.000
61	43.95	1.652
111	43.48	4.581

050.50 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Oxalate)	

23	0.28	-1.340
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Std Dev	0.27	-1.000
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Median	0.27	0.000
Std Dev	0.27	1.000
23	0.27	1.340

050.51 %K <sub>2</sub> O Soluble Potash		
Lab	ICP(Citrate)	

124	0.29	0.000
Median	0.29	0.000

050.99 Soluble Potash		
Lab	%K <sub>2</sub> O	Other

61	0.31	-1.340
Std Dev	0.30	-1.000
102	0.28	-0.191
61	0.28	0.000
Median	0.28	0.000
Std Dev	0.25	1.000
24	0.25	1.149
24	0.25	1.149

050.XX Soluble Potash		
Lab	%K <sub>2</sub> O	Total Method

61	0.31	-2.084
Std Dev	0.29	-1.000
124	0.29	-0.893
102	0.28	-0.298
23	0.28	0.000
61	0.28	0.000
Median	0.28	0.000
23	0.27	0.596
Std Dev	0.26	1.000
24	0.25	1.787
24	0.25	1.787

060.00 Free Water		
Lab	Vacuum Oven	

124	3.59	-3.711
24	2.99	-1.355
28	2.97	-1.298
Std Dev	2.89	-1.000
24	2.86	-0.864
31	2.81	-0.668
28	2.80	-0.628

242	2.70	-0.228
23	2.65	-0.020
<b>Median</b>	<b>2.64</b>	<b>0.000</b>
23	2.64	0.020
14	2.53	0.452
14	2.49	0.589
140	2.49	0.589
9	2.46	0.726
111	2.45	0.766
<b>Std Dev</b>	<b>2.39</b>	<b>1.000</b>
34	2.37	1.060
123	0.02	10.288

060.10 Free Water		
Lab	Vacuum Desiccate	
61	2.60	-0.570
61	2.50	0.000
<b>Median</b>	<b>2.50</b>	<b>0.000</b>
<b>Std Dev</b>	<b>2.32</b>	<b>1.000</b>
237	2.13	2.110

060.XX Free Water		
Lab	Total Method	
124	3.59	-3.970
24	2.99	-1.552
28	2.97	-1.493
24	2.86	-1.048
<b>Std Dev</b>	<b>2.85</b>	<b>-1.000</b>
31	2.81	-0.846
28	2.80	-0.806
242	2.70	-0.395
23	2.65	-0.181
23	2.64	-0.141
61	2.60	0.000
<b>Median</b>	<b>2.60</b>	<b>0.000</b>
14	2.53	0.302
61	2.50	0.403
14	2.49	0.443
140	2.49	0.443
9	2.46	0.584
111	2.45	0.625
34	2.37	0.927
<b>Std Dev</b>	<b>2.35</b>	<b>1.000</b>
237	2.13	1.894

123 0.02 10.398

101.30 Acid Soluble Calcium		
Lab	%CaO	ICP
124	7132.50	#####
34	0.83	-1.606
<b>Std Dev</b>	<b>0.81</b>	<b>-1.000</b>
23	0.80	-0.865
14	0.80	-0.741
23	0.80	-0.741
14	0.79	-0.618
24	0.78	-0.247
9	0.77	0.000
<b>Median</b>	<b>0.77</b>	<b>0.000</b>
24	0.76	0.124
31	0.76	0.124
237	0.75	0.457
39	0.74	0.741
61	0.73	0.988
<b>Std Dev</b>	<b>0.72</b>	<b>1.000</b>
102	0.72	1.034
61	0.72	1.235

101.XX Acid Soluble Calcium		
Lab	%CaO	Total Method
124	7132.50	#####
34	0.83	-1.606
<b>Std Dev</b>	<b>0.81</b>	<b>-1.000</b>
23	0.80	-0.865
14	0.80	-0.741
23	0.80	-0.741
14	0.79	-0.618
24	0.78	-0.247
9	0.77	0.000
<b>Median</b>	<b>0.77</b>	<b>0.000</b>
24	0.76	0.124
31	0.76	0.124
237	0.75	0.457
39	0.74	0.741
61	0.73	0.988
<b>Std Dev</b>	<b>0.72</b>	<b>1.000</b>
102	0.72	1.034
61	0.72	1.235

121.30 Acid Soluble Magnesium		
Lab	%MgO	ICP
124	17005.50	#####
24	1.72	-1.159
23	1.71	-1.086
<b>Std Dev</b>	<b>1.70</b>	<b>-1.000</b>
23	1.70	-0.869
39	1.69	-0.797
24	1.69	-0.724
9	1.67	-0.435
237	1.64	0.000
<b>Median</b>	<b>1.64</b>	<b>0.000</b>
31	1.63	0.072
102	1.63	0.132
14	1.60	0.507
14	1.60	0.507
34	1.59	0.652
<b>Std Dev</b>	<b>1.57</b>	<b>1.000</b>
61	1.54	1.376
61	1.51	1.811

121.XX Acid Soluble Magnesium		
Lab	%MgO	Total Method
124	17005.50	#####
24	1.72	-1.159
23	1.71	-1.086
<b>Std Dev</b>	<b>1.70</b>	<b>-1.000</b>
23	1.70	-0.869
39	1.69	-0.797
24	1.69	-0.724
9	1.67	-0.435
237	1.64	0.000
<b>Median</b>	<b>1.64</b>	<b>0.000</b>
31	1.63	0.072
102	1.63	0.132
14	1.60	0.507
14	1.60	0.507
34	1.59	0.652
<b>Std Dev</b>	<b>1.57</b>	<b>1.000</b>
61	1.54	1.376
61	1.51	1.811

131.00 Free Acid		
Lab	Acetone Method	

124	0.09	0.000
<b>Median</b>	<b>0.09</b>	<b>0.000</b>

144.01 Sulfate Sulfur (S)		
Lab	Gravimetric	
241	1.26	-2.297
<b>Std Dev</b>	<b>1.24</b>	<b>-1.000</b>
61	1.23	0.000
<b>Median</b>	<b>1.23</b>	<b>0.000</b>
61	1.23	0.383

144.70 Sulfur		
Lab	Spectrometric	
124	2.92	-2.665
<b>Std Dev</b>	<b>1.84</b>	<b>-1.000</b>
14	1.19	0.000
<b>Median</b>	<b>1.19</b>	<b>0.000</b>
14	1.18	0.015

144.99 Sulfate Sulfur (S)		
Lab	Other	
24	1.22	-1.965
34	1.21	-1.608
<b>Std Dev</b>	<b>1.19</b>	<b>-1.000</b>
24	1.19	-0.715
9	1.17	0.000
<b>Median</b>	<b>1.17</b>	<b>0.000</b>
23	1.16	0.179
23	1.16	0.179
<b>Std Dev</b>	<b>1.14</b>	<b>1.000</b>
31	1.12	1.787

144.XX Sulfate Sulfur (S)		
Lab	Total Method	
124	2.92	-38.634
241	1.26	-1.563
<b>Std Dev</b>	<b>1.23</b>	<b>-1.000</b>
61	1.23	-0.893
61	1.23	-0.782
24	1.22	-0.670
34	1.21	-0.447
14	1.19	0.000
<b>Median</b>	<b>1.19</b>	<b>0.000</b>
24	1.19	0.112

14	1.18	0.223
9	1.17	0.558
23	1.16	0.670
23	1.16	0.670
Std Dev	1.15	1.000
31	1.12	1.675

145.99 Total Sulfur (S)		
Lab		Other
111	1.35	-3.383
Std Dev	1.18	-1.000
237	1.11	-0.002
Median	1.11	0.000
102	1.11	0.002
Std Dev	1.04	1.000
124	0.97	1.964

145.XX Total Sulfur (S)		
Lab		Total Method
111	1.35	-3.383
Std Dev	1.18	-1.000
237	1.11	-0.002
Median	1.11	0.000
102	1.11	0.002
Std Dev	1.04	1.000
124	0.97	1.964

151.30 Total Arsenic		
Lab		ICP
124	<0.5	0.000
9	19.25	-1.555
102	17.11	-1.152
Std Dev	16.31	-1.000
61	11.00	0.000
Median	11.00	0.000
61	10.00	0.188
24	8.16	0.535

151.XX Total Arsenic		
Lab		Total Method
124	<0.5	0.000
9	19.25	-1.555
102	17.11	-1.152
Std Dev	16.31	-1.000

61	11.00	0.000
Median	11.00	0.000
61	10.00	0.188
24	8.16	0.535

165.00 Acid Soluble Boron		
Lab		Spectrometric
124	304.00	0.000
Median	304.00	0.000

165.99 Acid Soluble Boron		
Lab	PPM	Other
102	43.05	-1.340
Std Dev	40.08	-1.000
Median	31.33	0.000
Std Dev	22.58	1.000
24	19.60	1.340

165.XX, ppm Acid Soluble Boron		
Lab	PPM	Total Method
124	304.00	-2.459
Std Dev	149.17	-1.000
102	43.05	0.000
Median	43.05	0.000
24	19.60	0.221

181.30 Total Cadmium		
Lab	PPM	ICP
124	<0.5	0.000
237	4.73	-2.835
Std Dev	4.26	-1.000
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000
Std Dev	3.74	1.000
102	3.66	1.340
9	3.65	1.359

181.99 Total Cadmium		
Lab		Other
24	6.43	0.000
Median	6.43	0.000

181.XX Total Cadmium		
Lab	PPM	Total Method
124	<0.5	0.000
24	6.43	-4.039
237	4.73	-1.213
Std Dev	4.60	-1.000
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000
102	3.66	0.573
9	3.65	0.582

190.00 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	ICP
124	16486.00	#####
9	1.56	-1.206
Std Dev	1.55	-1.000
14	1.55	-0.938
14	1.55	-0.938
24	1.52	-0.268
24	1.51	0.000
34	1.51	0.000
Median	1.51	0.000
23	1.51	0.134
237	1.51	0.134
23	1.50	0.402
Std Dev	1.47	1.000
102	1.47	1.185
61	1.41	2.680
61	1.39	3.350

190.99 Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Atomic Absorption
31	1.53	0.000
Median	1.53	0.000

190.XX Aluminum		
Lab	%Al <sub>2</sub> O <sub>3</sub>	Total Method
124	16486.00	#####
9	1.56	-1.378
14	1.55	-1.072
14	1.55	-1.072
Std Dev	1.54	-1.000
31	1.53	-0.613

24	1.52	-0.306
24	1.51	0.000
34	1.51	0.000
Median	1.51	0.000
23	1.51	0.153
237	1.51	0.153
23	1.50	0.459
Std Dev	1.48	1.000
102	1.47	1.354
61	1.41	3.063
61	1.39	3.829

191.30 Total Chromium		
Lab		ICP
124	150.50	-6.597
Std Dev	136.93	-1.000
9	136.00	-0.618
61	135.00	-0.206
237	134.50	0.000
Median	134.50	0.000
61	132.50	0.825
Std Dev	132.07	1.000
102	132.00	1.031
31	128.50	2.474

191.99 Total Chromium		
Lab	PPM	Other
24	57.80	0.000
Median	57.80	0.000

191.XX Total Chromium		
Lab	PPM	Total Method
124	150.50	-5.522
Std Dev	136.58	-1.000
9	136.00	-0.812
61	135.00	-0.487
237	134.50	-0.325
Median	133.50	0.000
61	132.50	0.325
102	132.00	0.487
Std Dev	130.42	1.000
31	128.50	1.624
24	57.80	24.591

202.30		
Lab	PPM	Acid Soluble Cobalt ICP
124	<0.5	0.000
9	4.25	-1.098
Std Dev	4.23	-1.000
61	4.00	0.000
61	4.00	0.000
Median	4.00	0.000
Std Dev	3.77	1.000
237	3.70	1.340
102	3.50	2.197

202.99		
Lab	PPM	Acid Soluble Cobalt Other
24	3.69	0.000
Median	3.69	0.000

202.XX		
Lab	PPM	Acid Soluble Cobalt Total Method
124	<0.5	0.000
9	4.25	-1.747
Std Dev	4.08	-1.000
61	4.00	-0.662
61	4.00	-0.662
Median	3.85	0.000
237	3.70	0.662
24	3.69	0.684
Std Dev	3.62	1.000
102	3.50	1.508

221.30		
Lab	PPM	Acid Soluble Copper ICP
124	9.35	-1.984
237	8.50	-1.753
Std Dev	5.74	-1.000
9	2.15	-0.020
Median	2.08	0.000
61	2.00	0.020
61	2.00	0.020
102	1.84	0.065

221.99		
Lab	PPM	Acid Soluble Copper Other
24	7.36	0.000

Median	7.36	0.000
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221.XX		
Lab	PPM	Acid Soluble Copper Total Method
124	9.35	-1.627
237	8.50	-1.435
24	7.36	-1.177
Std Dev	6.58	-1.000
9	2.15	0.000
Median	2.15	0.000
61	2.00	0.034
61	2.00	0.034
102	1.84	0.071

241.30		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Acid Soluble Iron ICP
124	3348.00	#####
24	3.24	-1.642
24	3.22	-1.313
Std Dev	3.20	-1.000
23	3.19	-0.739
23	3.18	-0.657
39	3.17	-0.492
34	3.16	-0.328
14	3.14	0.000
Median	3.14	0.000
14	3.14	0.082
31	3.12	0.410
102	3.10	0.628
237	3.10	0.657
Std Dev	3.08	1.000
9	3.08	1.067
61	2.93	3.447
61	2.87	4.515

241.XX		
Lab	%Fe <sub>2</sub> O <sub>3</sub>	Acid Soluble Iron Total Method
124	3348.00	#####
24	3.24	-1.642
24	3.22	-1.313
Std Dev	3.20	-1.000
23	3.19	-0.739
23	3.18	-0.657
39	3.17	-0.492

34	3.16	-0.328
14	3.14	0.000
Median	3.14	0.000
14	3.14	0.082
31	3.12	0.410
102	3.10	0.628
237	3.10	0.657
Std Dev	3.08	1.000
9	3.08	1.067
61	2.93	3.447
61	2.87	4.515

251.30		
Lab	PPM	Total Lead ICP
124	<05	0.000
237	7.72	-5.132
Std Dev	5.53	-1.000
61	5.00	0.000
61	5.00	0.000
Median	5.00	0.000
102	4.88	0.228

251.99		
Lab	PPM	Total Lead Other
24	20.00	0.000
Median	20.00	0.000

251.XX		
Lab	PPM	Total Lead Total Method
124	<05	0.000
24	20.00	-7.403
237	7.72	-1.340
Std Dev	7.03	-1.000
61	5.00	0.000
61	5.00	0.000
Median	5.00	0.000
102	4.88	0.059

261.30		
Lab	PPM	Acid Soluble Manganese ICP
124	304.50	-1.390
Std Dev	296.71	-1.000
9	290.50	-0.689
31	287.50	-0.539

Median	276.75	0.000
39	266.00	0.539
102	262.00	0.739
Std Dev	256.79	1.000
237	2.78	13.724

261.99		
Lab	PPM	Acid Soluble Manganese Other
24	311.00	-2.436
Std Dev	296.26	-1.000
61	286.00	0.000
Median	286.00	0.000
61	283.50	0.244

261.XX		
Lab	PPM	Acid Soluble Manganese Total Method
24	311.00	-1.367
124	304.50	-1.012
Std Dev	304.28	-1.000
9	290.50	-0.246
31	287.50	-0.082
61	286.00	0.000
Median	286.00	0.000
61	283.50	0.137
Std Dev	267.72	1.000
39	266.00	1.094
102	262.00	1.313
237	2.78	15.490

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

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

281.XX		
Lab	PPM	Total Mercury Total Method
124	<0.5	0.000
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	6.95	0.000
Median	6.95	0.000

289.XX Total Molybdenum		
Lab	PPM	Total Method
102	16.50	-0.638
9	16.00	0.000
61	16.00	0.000
61	16.00	0.000
Median	16.00	0.000
237	15.70	0.383
Std Dev	15.22	1.000
124	14.20	2.297
24	6.95	11.550

291.30 Total Nickel		
Lab		ICP
124	20.39	-2.539
237	18.40	-1.242
Std Dev	18.03	-1.000
9	17.00	-0.327
Median	16.50	0.000
61	16.00	0.327
61	16.00	0.327
102	15.50	0.654

291.99 Total Nickel		
Lab	PPM	Other
24	11.10	0.000
Median	11.10	0.000

291.XX Total Nickel		
Lab	PPM	Total Method
124	20.39	-3.013
237	18.40	-1.649
Std Dev	17.46	-1.000

9	17.00	-0.687
61	16.00	0.000
61	16.00	0.000
Median	16.00	0.000
102	15.50	0.344
Std Dev	14.54	1.000
24	11.10	3.367

301.30 Total Selenium		
Lab	PPM	ICP
61	<1	0.000
61	<1	0.000
124	<0.5	0.000
24	1.90	-1.340
Std Dev	1.78	-1.000
Median	1.43	0.000
102	0.96	1.340

301.XX Total Selenium		
Lab	PPM	Total Mthod
61	<1	0.000
61	<1	0.000
124	<0.5	0.000
24	1.90	-1.340
Std Dev	1.78	-1.000
Median	1.43	0.000
102	0.96	1.340

311.00 Sodium		
Lab	%Na <sub>2</sub> O	Atomic Absorbtion
61	0.25	0.000
Median	0.25	0.000

311.99 Sodium		
Lab	%Na <sub>2</sub> O	Other
124	2257.00	#####
61	0.29	-1.340
24	0.28	-1.072
Std Dev	0.28	-1.000
23	0.26	0.000
24	0.26	0.000
Median	0.26	0.000
23	0.26	0.268
Std Dev	0.24	1.000

102	0.22	2.366
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311.XX Sodium		
Lab	%Na <sub>2</sub> O	Total Method
124	2257.00	#####
61	0.29	-1.165
Std Dev	0.28	-1.000
24	0.28	-0.932
23	0.26	0.000
24	0.26	0.000
Median	0.26	0.000
23	0.26	0.233
61	0.25	0.699
Std Dev	0.24	1.000
102	0.22	2.058

321.30 Acid Soluble Zinc		
Lab	PPM	ICP
237	128.00	-4.775
24	72.70	-1.675
Std Dev	60.65	-1.000
124	43.82	-0.056
Median	42.81	0.000
102	41.81	0.056
61	41.50	0.074
61	39.50	0.186

321.99 Acid Soluble Zinc		
Lab		Other
28	1.83	-1.340
Std Dev	1.71	-1.000
Median	1.36	0.000
Std Dev	1.01	1.000
28	0.89	1.340

321.XX Acid Soluble Zinc		
Lab	PPM	Total Method
237	128.00	-5.521
24	72.70	-1.985
Std Dev	57.29	-1.000
124	43.82	-0.139
102	41.81	-0.010
Median	41.65	0.000
61	41.50	0.010

61	39.50	0.138
Std Dev	26.01	1.000
28	1.83	2.546
28	0.89	2.606

325.10 Fluoride		
Lab	%	Electrode
23	2.10	-0.213
34	2.09	-0.186
111	2.09	-0.186
24	2.08	-0.133
23	2.07	-0.053
9	2.06	0.000
Median	2.06	0.000
24	2.05	0.027
102	1.85	1.109
31	1.82	1.251
237	1.80	1.358
14	1.43	3.328

325.99 Fluoride		
Lab	%	Other
61	2.14	-0.488
61	2.13	-0.470
Median	2.00	0.000
124	1.87	0.470
14	1.42	2.050

325.XX Fluoride		
Lab	%	Total Method
61	2.14	-0.418
61	2.13	-0.392
23	2.10	-0.209
34	2.09	-0.183
111	2.09	-0.183
24	2.08	-0.131
23	2.07	-0.052
9	2.06	0.000
Median	2.06	0.000
24	2.05	0.026
124	1.87	0.992
102	1.85	1.087
31	1.82	1.227
237	1.80	1.332

14	1.43	3.264
14	1.42	3.316