#	Loc	Pit	Depth	xd	DI	xd	Hydroxylamine
Std	3mmol				1.650		1.652
Std	2mmol				1.099		1.122
Std	1mmol				0.589		0.570
Std	0.5mmol				0.325		0.326
Std	0.2mmol				0.163		0.168
Std	0.1mmol				0.110		0.112
Std	blank				0.055		0.057
1	Ridge	1	0-15		0.113		0.919
2	Ridge	1	15-30		0.083		0.480
3	Ridge	1	30-45		0.129		0.344
4	Ridge	1	45-60		0.072		0.204
5	Ridge	1	60-75		0.083		0.166
6	Ridge	1	75-90		0.070		0.221
7	Ridge	1	90-105		0.072		0.205
8	Slope	1	0-15		0.111		0.757
9	Slope	1	15-30		0.088		0.504
10	Slope	1	30-45		0.127		0.643
11	Slope	1	45-60		0.076		0.329
12	Slope	1	60-75		0.079		0.334
~~13~~	~~Slope~~	~~1~~	~~75-90~~				
~~14~~	~~Slope~~	~~1~~	~~90-105~~				
15	Valley	1	0-15	10	0.290	10	0.302
16	Valley	1	15-30	10	0.954	10	0.761
17	Valley	1	30-45	10	1.064	10	1.020
18	Valley	1	45-60	10	0.407	10	0.356
19	Valley	1	60-75		0.072		0.313
20	Valley	1	75-90		0.066		0.237
21	Valley	1	90-105		0.065		0.232
22	Ridge	2	0-15		0.099		0.821
23	Ridge	2	15-30		0.081		0.431
24	Ridge	2	30-45		0.072		0.218
25	Ridge	2	45-60		0.068		0.192
26	Ridge	2	60-75		0.066		0.160
27	Ridge	2	75-90		0.067		0.205
28	Ridge	2	90-105		0.065		0.155
29	Slope	2	0-15		0.084		0.516
30	Slope	2	15-30		0.083		0.560
31	Slope	2	30-45		0.073		0.241
32	Slope	2	45-60		0.080		0.222
33	Slope	2	60-75		0.066		0.170
34	Slope	2	75-90		0.064		0.178
35	Slope	2	90-105		0.064		0.202
36	Valley	2	0-15	10	0.707	10	0.562
37	Valley	2	15-30	10	0.885	10	0.888
38	Valley	2	30-45	2	0.615	2	1.266
39	Valley	2	45-60		0.070		0.244

Std. curve #1 = #1-37 samples

#	Loc	Pit	Depth	xd	DI	xd	Hydroxylamine
40	Valley	2	60-75		0.068		0.213
41	Valley	2	75-90		0.076		0.363
42	Valley	2	90-105		0.086		0.702
43	Ridge	3	0-15		0.138		1.055
44	Ridge	3	15-30		0.113		0.876
45	Ridge	3	30-45		0.088		0.621
46	Ridge	3	45-60		0.074		0.348
47	Ridge	3	60-75		0.067		0.231
48	Ridge	3	75-90		0.072		0.237
49	Ridge	3	90-105		0.069		0.208
50	Slope	3	0-15		0.093		0.920
51	Slope	3	15-30		0.072		0.281
52	Slope	3	30-45		0.068		0.288
53	Slope	3	45-60		0.067		0.264
54	Slope	3	60-75		0.064		0.233
55	Slope	3	75-90		0.063		0.219
56	Slope	3	90-105		0.069		0.274
57	Valley	3	0-15	10	0.278	10	0.828
58	Valley	3	15-30	10	0.427	10	0.544
59	Valley	3	30-45	10	1.291	10	0.820
60	Valley	3	45-60	10	0.432	10	0.751
61	Valley	3	60-75		0.089		0.251
62	Valley	3	75-90		0.077		0.179
63	Valley	3	90-105		0.086		0.257
64	Ridge	4	0-15		0.097		0.870
65	Ridge	4	15-30		0.078		0.571
66	Ridge	4	30-45		0.069		0.367
67	Ridge	4	45-60		0.066		0.187
68	Ridge	4	60-75		0.065		0.169
69	Ridge	4	75-90		0.065		0.189
70	Ridge	4	90-105		0.066		0.199
71	Slope	4	0-15		0.075		0.358
72	Slope	4	15-30		0.070		0.229
73	Slope	4	30-45		0.067		0.177
74	Slope	4	45-60		0.068		0.247
75	Slope	4	60-75		0.068		0.265
76	Slope	4	75-90		0.063		0.252
77	Slope	4	90-105		0.060		0.213
78	Valley	4	0-15	10	0.131	10	0.390
79	Valley	4	15-30		0.086		0.545
80	Valley	4	30-45		0.063		0.128
81	Valley	4	45-60		0.062		0.129
82	Valley	4	60-75		0.065		0.190
83	Valley	4	75-90		0.064		0.174
84	Valley	4	90-105		0.065		0.167
Blank 1					0.055		0.057
Blank 2					0.054		0.057

Samples

x2 dilution

~~100µl of sample~~
~~50µl of 0.5M HCl~~
~~50µl of DI / hydroxylamine~~

50µl sample
50µl of 0.5M HCl

x10 dilution

~~10µl sample~~
~~90µl of DI or hydroxylamine~~

10µl of sample
90 of 0.5M HCl

2nd set
#38 – ?

Std curve

	DI	hydrox
3	1.359	1.375
2	0.938	0.937
1	0.499	0.507
0.5	0.282	0.280
0.2	0.145	0.148
0.1	0.101	0.103
Blank	0.055	0.057

3rd set
? – end

Std

	DI	hydrox
3	1.371	1.407
2	0.961	0.951
1	0.502	0.516
0.5	0.274	0.286
0.2	0.145	0.150
0.1	0.103	0.104
Blank	0.055	0.057

↳ switched from 60-69
unclear which number so try these out with both curves