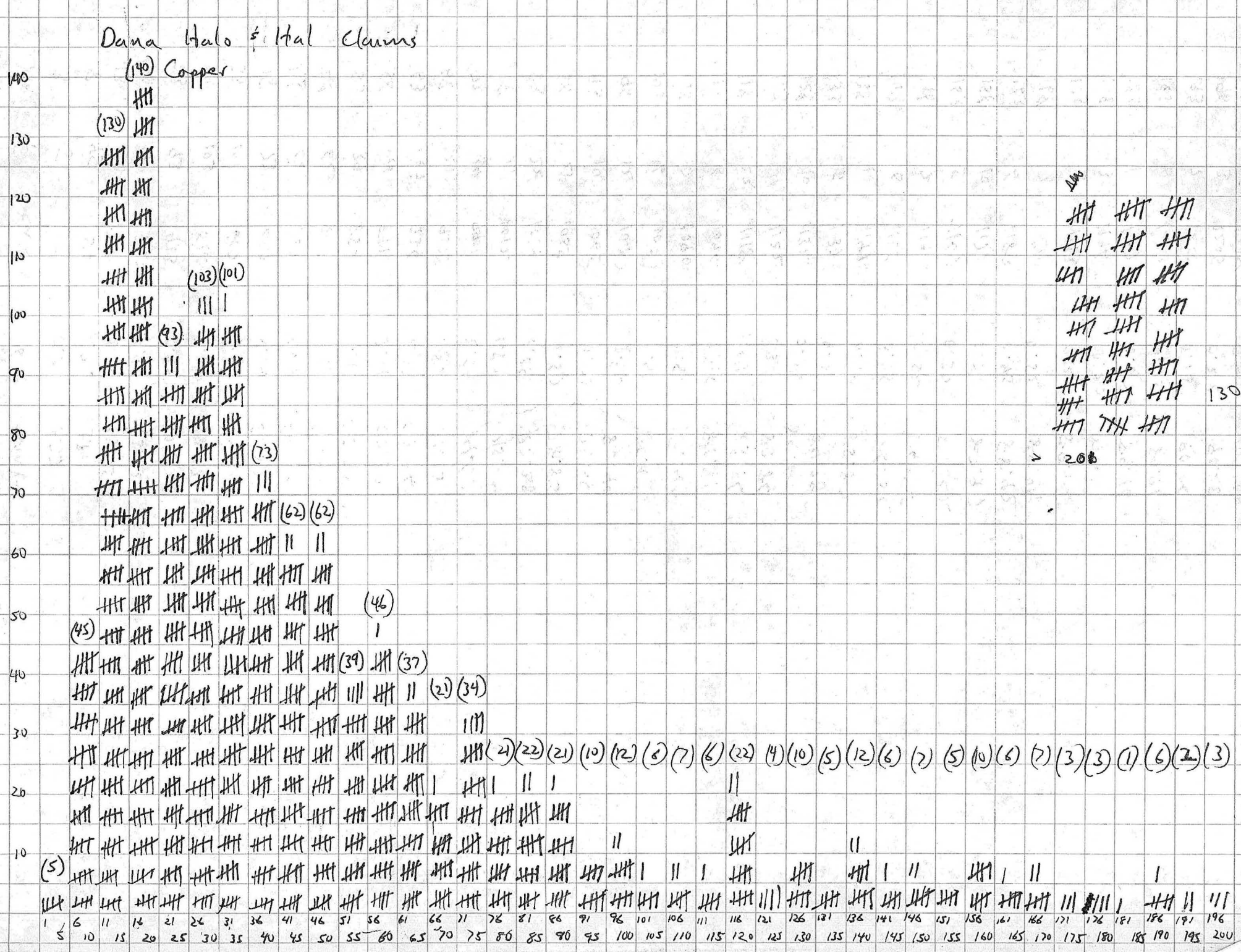
015849

105-K-11

DANA Geochemistry
Work Sheets w Halo + Hal

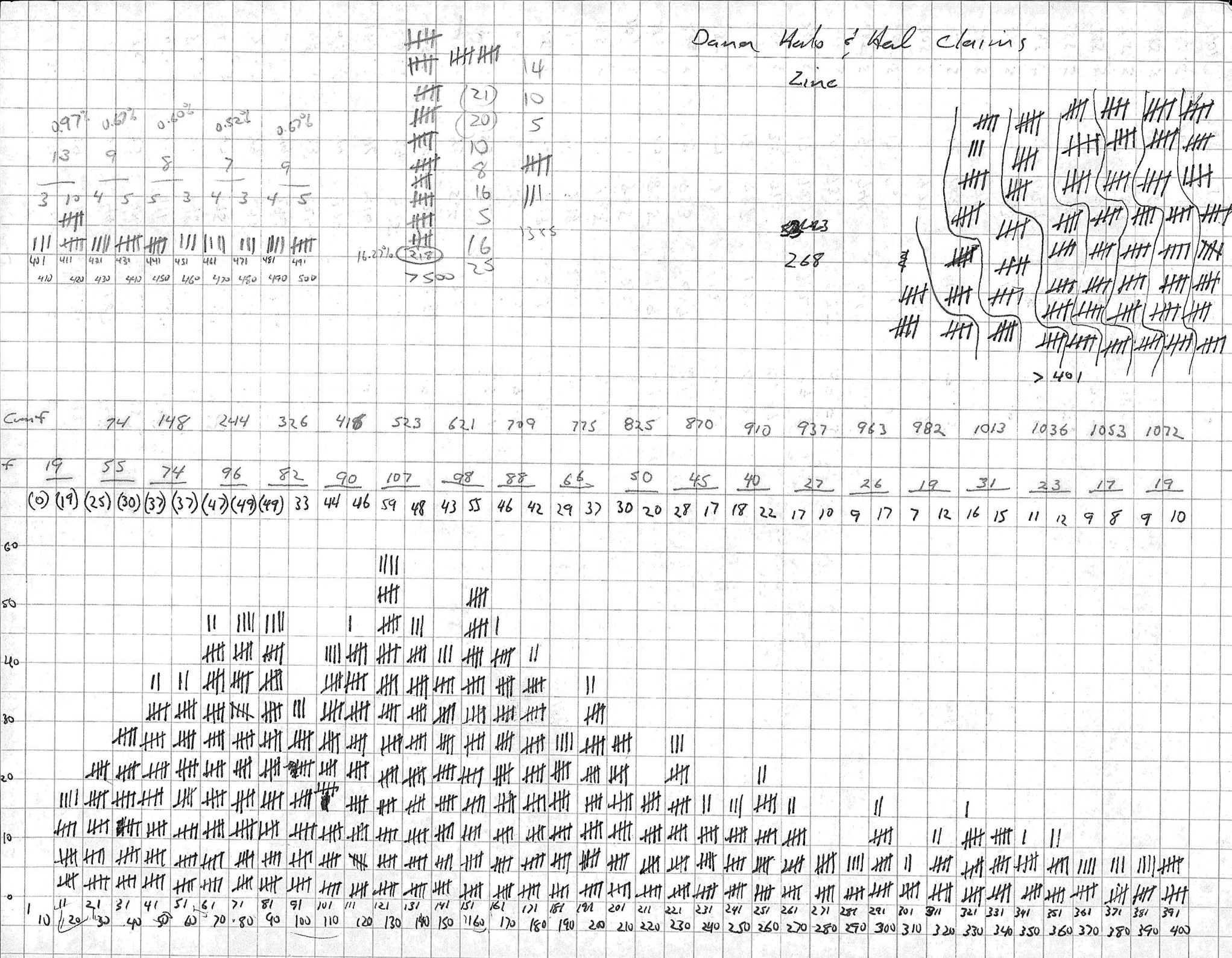

Dana Halo & Hal Claims
(140) Copper
(130)
(103) (101)
(93)
(73)
(62) (62)
(46)
(45)
(39) (37)
(21) (34)
(5)
130
> 200

Xm	f	cum f	% f	cum % f
3	5	5	0.37	0.37
8	45	50	3.36	3.74
13	130	180	9.72	13.45
18	140	320	10.46	23.92
23	93	413	6.95	30.87
28	103	516	7.70	38.57
33	101	617	7.55	46.11
38	73	690	5.46	51.57
43	62	752	4.63	56.20
48	62	814	4.63	60.84
53	39	853	2.91	63.75
58	46	899	3.44	67.19
63	37	936	2.77	69.96
68	21	952	1.57	71.15
73	34	991	2.54	74.07
78	21	1012	1.57	75.64
83	22	1034	1.64	77.28
88	21	1055	1.57	78.85
93	10	1065	0.75	79.60
98	12	1077	0.90	80.49
103	6	1083	0.45	80.94
108	7	1090	0.52	81.46
113	6	1096	0.45	81.91
118	22	1118	1.64	83.56
123	4	1122	0.30	83.86
128	10	1132	0.75	84.60
133	5	1137	0.37	84.98
138	12	1149	0.90	85.87
143	6	1155	0.45	86.32
148	7	1162	0.52	86.85
153	5	1167	0.37	87.22
158	10	1177	0.75	87.97
163	6	1183	0.45	88.42
168	7	1190	0.52	88.94
173	3	1193	0.22	89.16
178	3	1196	0.22	89.39
183	1	1197	0.07	89.46
188	6	1203	0.45	89.91
193	2	1205	0.15	90.06
198	3	1208	0.22	90.28
>201	130	1338	9.72	100.00

4.9
9.72
.22
.15
.45
.07
.22
.22
.52
.45
.75
.37
13.14

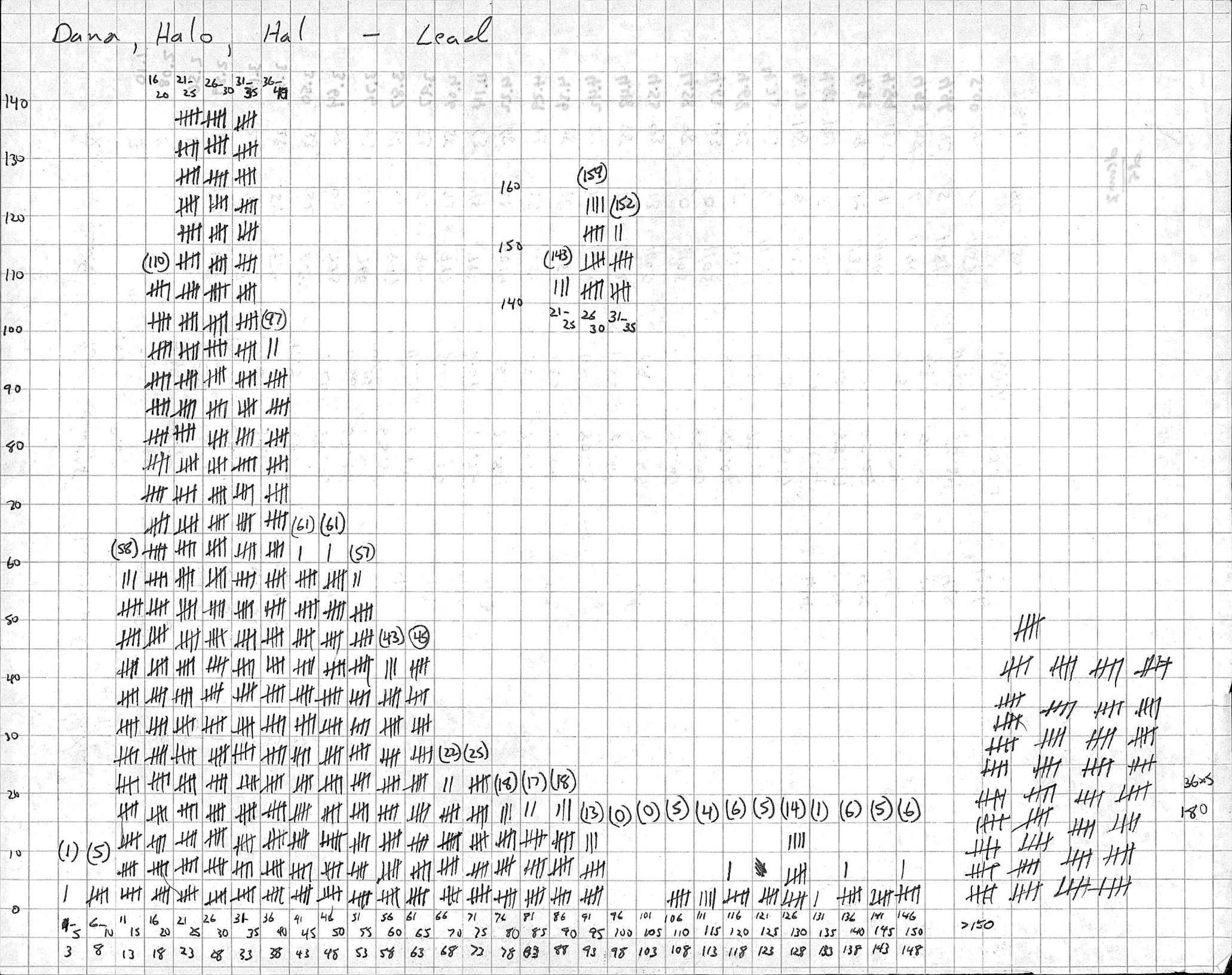
Dana Hale & Hal claims

Zinc



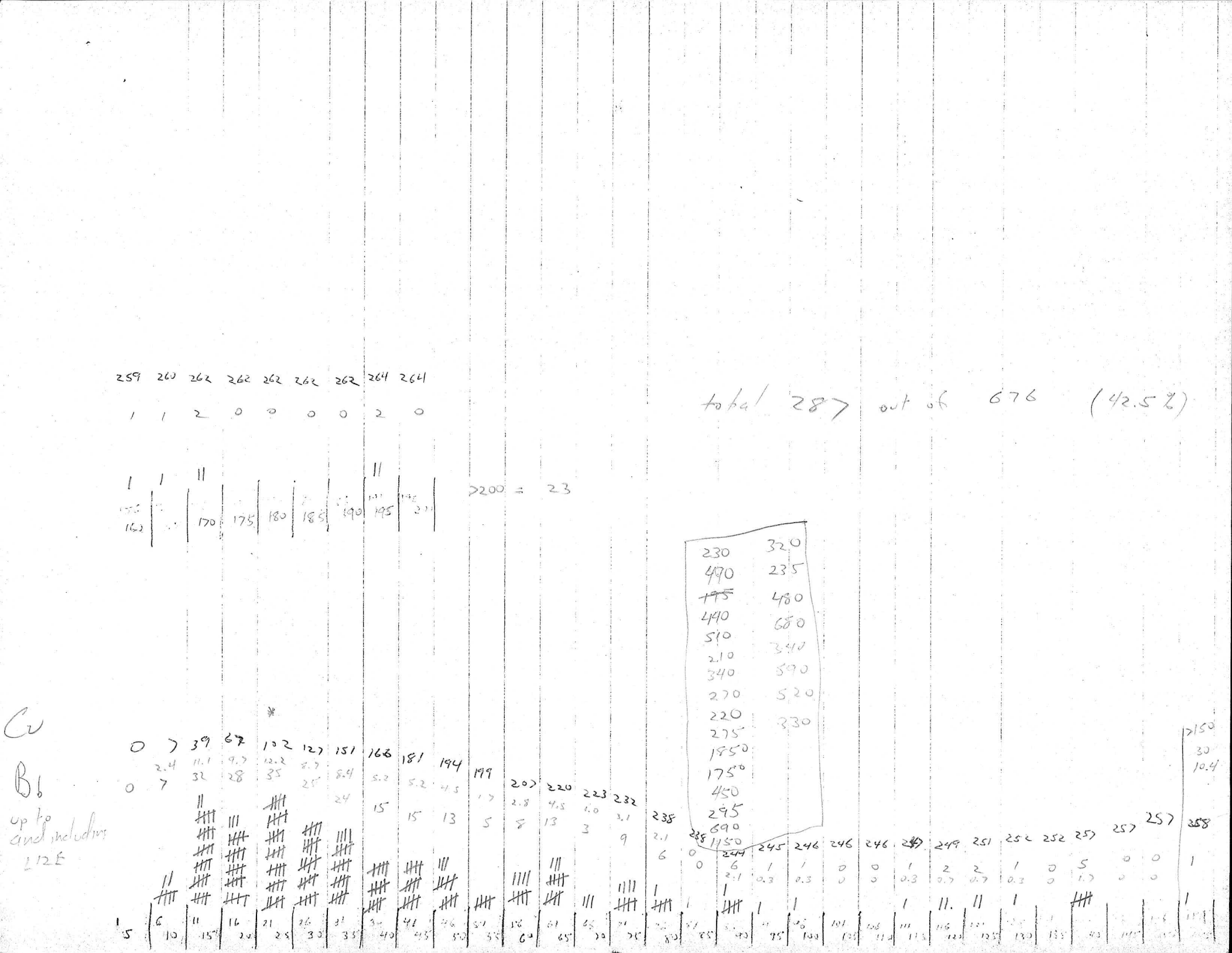
5.5	0	0	0	1.42	0
15.5	19	19	1.42		1.42
25.5	25	44	1.87	4.11	328
35.5	30	74	2.24		552
45.5	37	111	2.74	5.52	828
55.5	37	148	2.76		11.04
65.5	47	195	3.51	7.17	14.55
75.5	49	244	3.66		18.21
85.5	49	293	3.66	6.12	21.87
95.5	33	326	2.46		24.33
105.5	44	370	3.28	6.71	27.61
115.5	46	416	3.43		31.04
125.5	59	475	4.40	7.98	35.45
135.5	48	523	3.58		39.03
145.5	43	566	3.21	7.31	42.24
155.5	55	621	4.10		46.34
165.5	46	667	3.43	6.56	49.78
175.5	42	709	3.13		52.91
185.5	29	738	2.16	4.92	55.07
195.5	37	775	2.76		57.84
205.5	30	805	2.24	4.73	60.07
215.5	20	825	1.49		61.51
225.5	28	853	2.09	3.36	63.66
235.5	17	870	1.27		64.93
245.5	18	888	1.34	2.98	66.27
255.5	22	910	1.64		67.91
265.5	17	927	1.27	2.02	69.18
275.5	10	937	0.75		69.93
285.5	9	946	0.67	1.94	70.60
295.5	17	963	1.27		71.87
305.5	7	970	0.52	1.42	72.39
315.5	12	982	0.90		73.28
325.5	16	998	1.19	2.31	74.48
335.5	15	1013	1.12		75.60
345.5	11	1024	0.82	1.72	76.42
355.5	12	1036	0.90		77.31
365.5	9	1045	0.67	1.27	77.99
375.5	8	1053	0.60		78.58
385.5	9	1062	0.67	1.42	79.25
395.5	10	1072	0.75		80.00
7401	268	1340	20.00		100.00

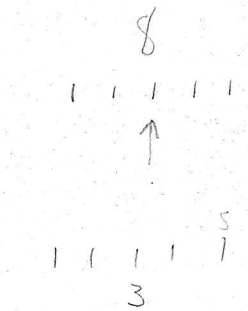
Dana, Halo, Hal – Lead



	x_m	f	cum f	% f	cum % f	ln cum % f	ln x_m
1.10	3	1		.07	0.07	-2.7	1.1
2.08	8	5	6	.37	0.45	-0.8	2.1
2.56	13	58	64	4.34	4.79	1.6	2.6
2.89	18	110	174	8.23	13.01	2.6	2.9
3.14	23	143	317	10.70	23.71	3.2	3.1
3.33	28	159	476	11.89	35.60	3.6	3.3
3.50	33	152	628	11.37	46.97	3.8	3.5
3.64	38	97	725	7.26	54.23	4.0	3.6
3.76	43	61	786	4.56	57.44	4.1	
3.87	48	61	847	4.56	63.35	4.1	
3.97	53	57	904	4.26	67.61	4.2	
4.06	58	43	947	3.22	70.83	4.3	
4.14	63	45	992	3.37	74.20	4.3	
4.22	68	22	1014	1.65	75.84	4.3	
4.29	73	25	1039	1.87	77.71	4.4	
4.36	78	18	1057	1.35	79.06	4.4	
4.42	83	17	1074	1.27	80.33	4.4	
4.48	88	18	1092	1.35	81.68	4.4	
4.53	93	13	1105	0.97	82.65	4.4	
4.58	98	0	1105	0	82.65	4.4	
4.63	103	0	1105	0	82.65	4.4	
4.68	108	5	1110	0.37	83.02	4.4	
4.73	113	4	1114	0.30	83.32	4.4	
4.77	118	6	1120	0.45	83.77	4.4	
4.81	123	5	1125	0.37	84.14	4.4	
4.85	128	14	1139	1.05	85.19	4.4	
4.89	133	1	1140	0.07	85.27	4.5	
4.93	138	6	1146	0.45	85.71	4.5	
4.96	143	5	1151	0.37	86.09	4.5	
5.00	148	6	1157	0.45	86.54	4.6	
	>150	180	1337	13.46	100.00		

$\frac{d\,\text{cum \%}}{dx}$


total 287 out of 676 (42.5%)
>200 = 23
Cu
Bb
up to and including L12E
230 320
490 235
~~195~~ 480
440 680
510 340
210 590
340 520
270 330
220
275
185°
175°
450
295
690
1150



282	283	283	284	285	285	287	287	287
0.7	0.3	0	0.3	0.3	0	0.7	0	0
2	1	0	1	1	0	2	0	0

3.7% total = 298 out of 676 (44.1%)

>200 = 11

156	161	166	171	176	181	186	191	196
160	165	170	175	180	185	190	195	200

Cu

Bg

Up to and including L12E

| | | | | | | | |

Cu

A

Up to and including L12E

	1 5	6 10	11 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 80	81 85	86 90	91 95	96 100	101 105	106 110	111 115	116 120	121 125	126 130	131 135	136 140	141 145	146 150	> 150
	0	4	8	15	24	38 *	43	49	54	57	62	66	67	68	74	76	78	78	78	78	79	79	79	~~120~~ 83	83	83	83	83	83	85	85
		4.3	4.3	2.7	10 0/0	15.4	5.5	6.6	5.5	3.3	5.5	4.3	1.1	1.1	6.6	2.2	2.2	0	0	0	1.1	0	0	4.3	0	0	0	0	0	2.2%	0
	0	4	4	7	9	14	5	6	5	3	5	4	1	1	6	2	2	0	0	0	1	0	0	4	0	0	0	0	0	2	0
		6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86	91	96	101	106	111	116	121	126	131	136	141	146	151

~~160~~
240
840
~~200~~

> 150
6
6.6%

total = 91 out of 676 (13.5%)

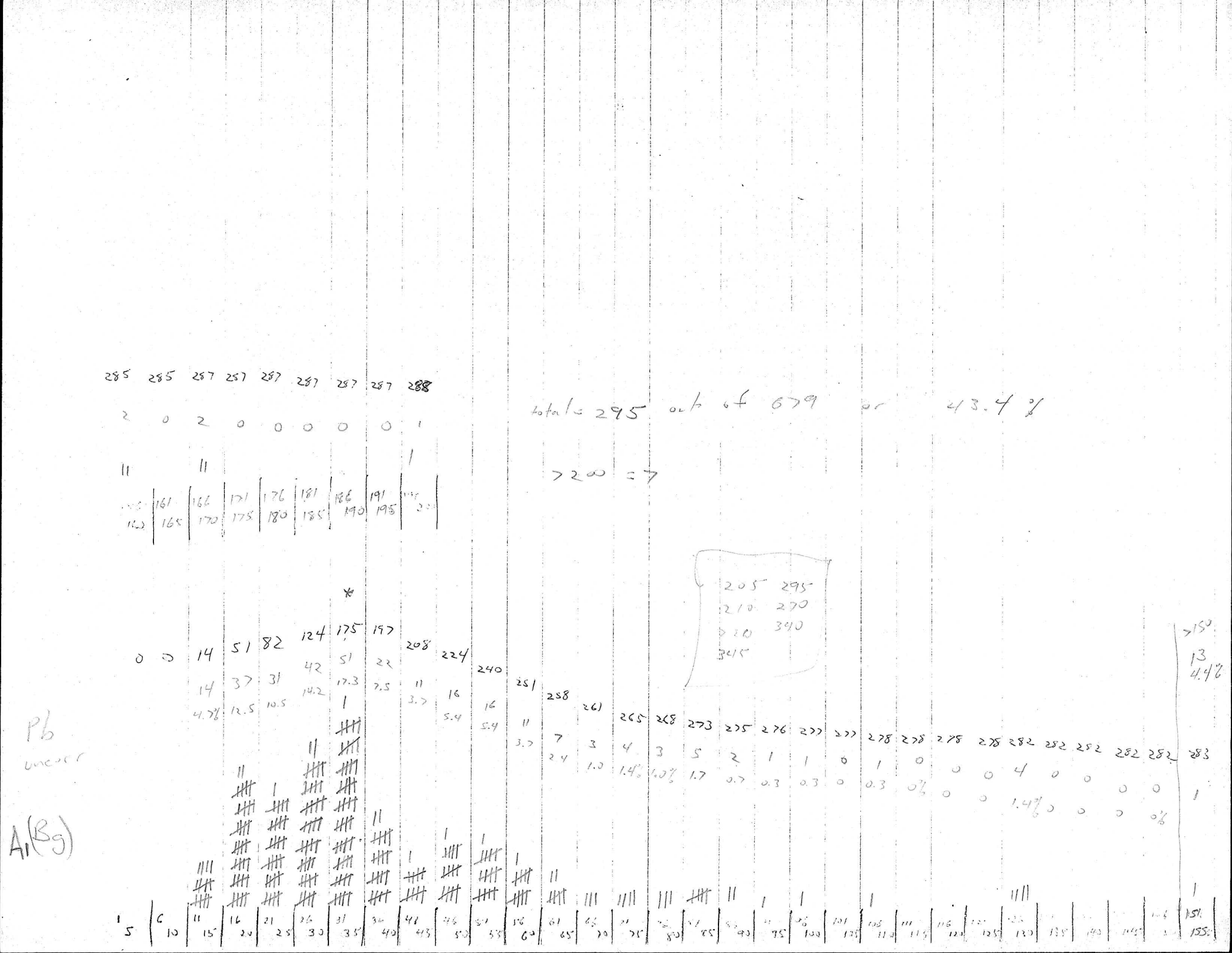
> 200 = 2

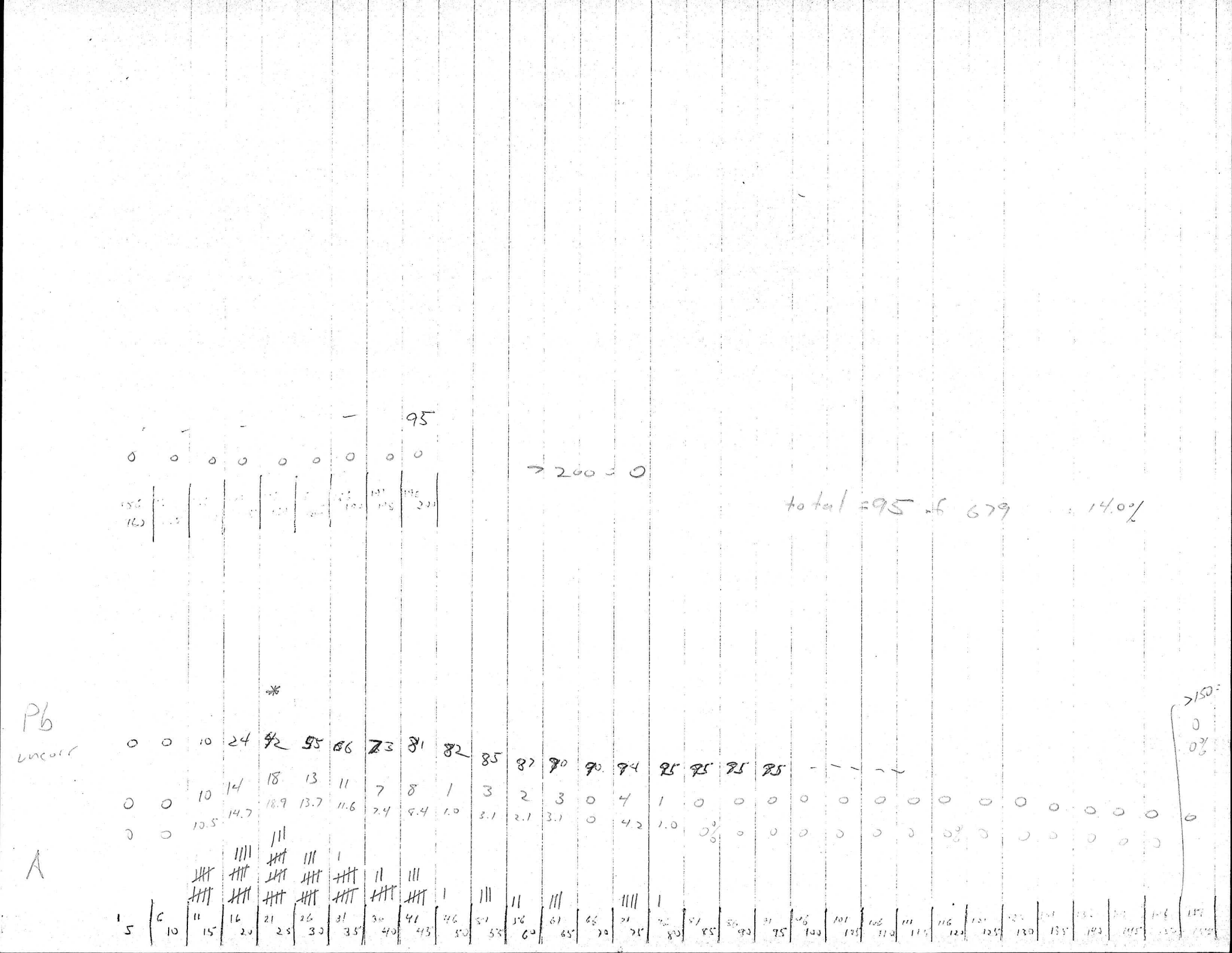
2.2

88 = 99.7

156 160	161 165	166 170	171 175	176 180	181 185	186 190	191 195	196 200
1	0	1	0	1	0	0	0	1
1		1		1				1
98	98	97	97	96	88	88	88	89


Au
>200 = 10
total = 289 of 679 or 42.6%
Pb
uncorrected
Bi
to and including 2C
220
280
320
230
415


285 285 287 287 287 287 287 287 288
2 0 2 0 0 0 0 0 1
total = 295 out of 679 or 43.4 %
>200 = 7
205 295
210 270
>210 340
345
>150
13
4.4%
Pb
uncorr
A1(Bg)


Pb
uncorr
A
95
> 200 = 0
total = 95 of 679 = 14.0%
>150
0
0%

Hal
Dura
Hale

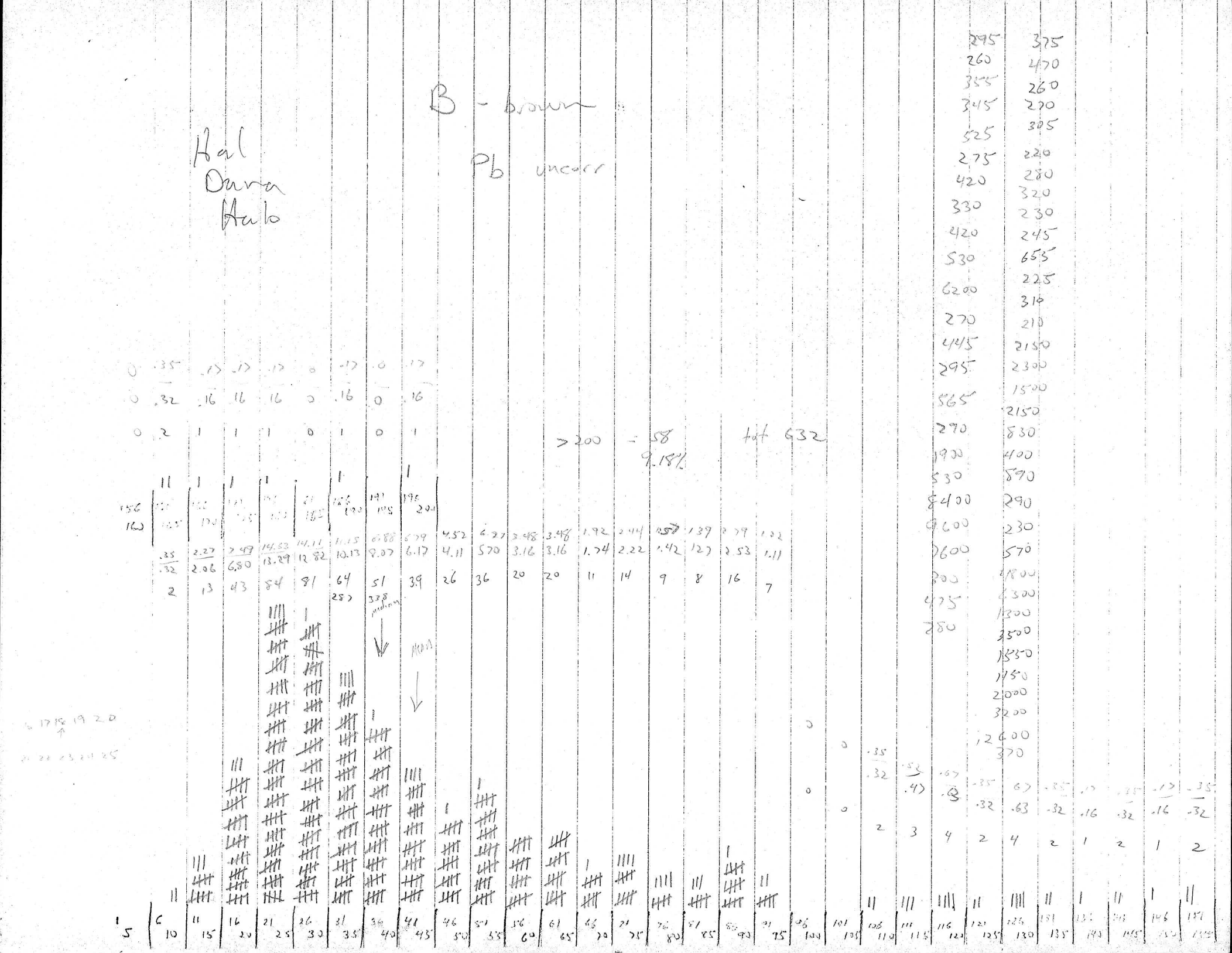
B - brown

Pb uncorr

> 200 - 58 = 9.18%

tot 632

295 375
260 470
355 260
345 270
525 305
275 220
420 280
330 320
420 230
530 245
620 655
270 225
445 310
295 210
565 2150
290 2300
1900 1500
530 2150
400 830
600 890
600 290
800 230
475 570
280 1800
3500 4300
1550 1300
1450 3500
2000 1550
3200 1450
12600 2000
370 3200
12600
370



		8	23	46	71	101	122	151	172	190	201	211	217	220	228	234	242	246	248	256
	.7	2.0	5.1	7.8	8.5	10.2	2.1	9.5	7.1	6.4	3.7	3.4	2.0	1.0	2.7	2.0	2.7	1.3	0.7	2.7
	2	6	15	23	25	30	21	29	21	18	11	10	6	3	8	6	8	4	2	8

1-20

20 ppm classes

257	261	263	263	265
.3	1.3	.7	0	2
1	4	2	0	2

481-500

>500 = 10.2

Hal claims up to 12E

total = 295

256	257	260	261	263	263	263	263	264	265
0	1	3	1	2	0	0	0	1	1

>500 = 30

1800			550	1950
	1000	1400	2200	
1510	530	1950	1300	
610	530	660	540	
	1400	595		
9800	630			
13240	855	570		
4490	540	12000		
	565	2500		
230	595	1700		
570				

0	2	3	3	7	8	11	12	15	10	15	15	10	11	14	15	12	9	6	12	7	4	4	6	2	4	1	2	6	2	2	4	2	6	4	0	1	1	2	6
	2	5	8	15	23	34	46	61	71	86	101	116	122	136	151	163	172	178	190	197	201	205	211	213	217	218	220	226	228	230	234	236	242	246	246	247	248	250	256

1	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400

20 ppm Cases

1	10	29	39	46	56	64	66	70	74	76	78	80	81	82	83	85	87	87	89
(3.2)	(17.2)	(10.8)	(12.6)	(2.5)	(10.0)	(4.3)	(4.1)	4.3	4.3	2.1	2.1	2.1	1.1	1.1	1.1	2.1	2.1	0	2.1
3	16	10	10	7	10	4	6	4	4	2	2	2	1	1	1	2	2	0	2

1-20 21-40

90	90	90	90	91
(1.1)	0	0	0	(1.1)
1	0	0	0	1

451-500

>15.00 2.1%

Hal
Claim
up to 12E

93 = total

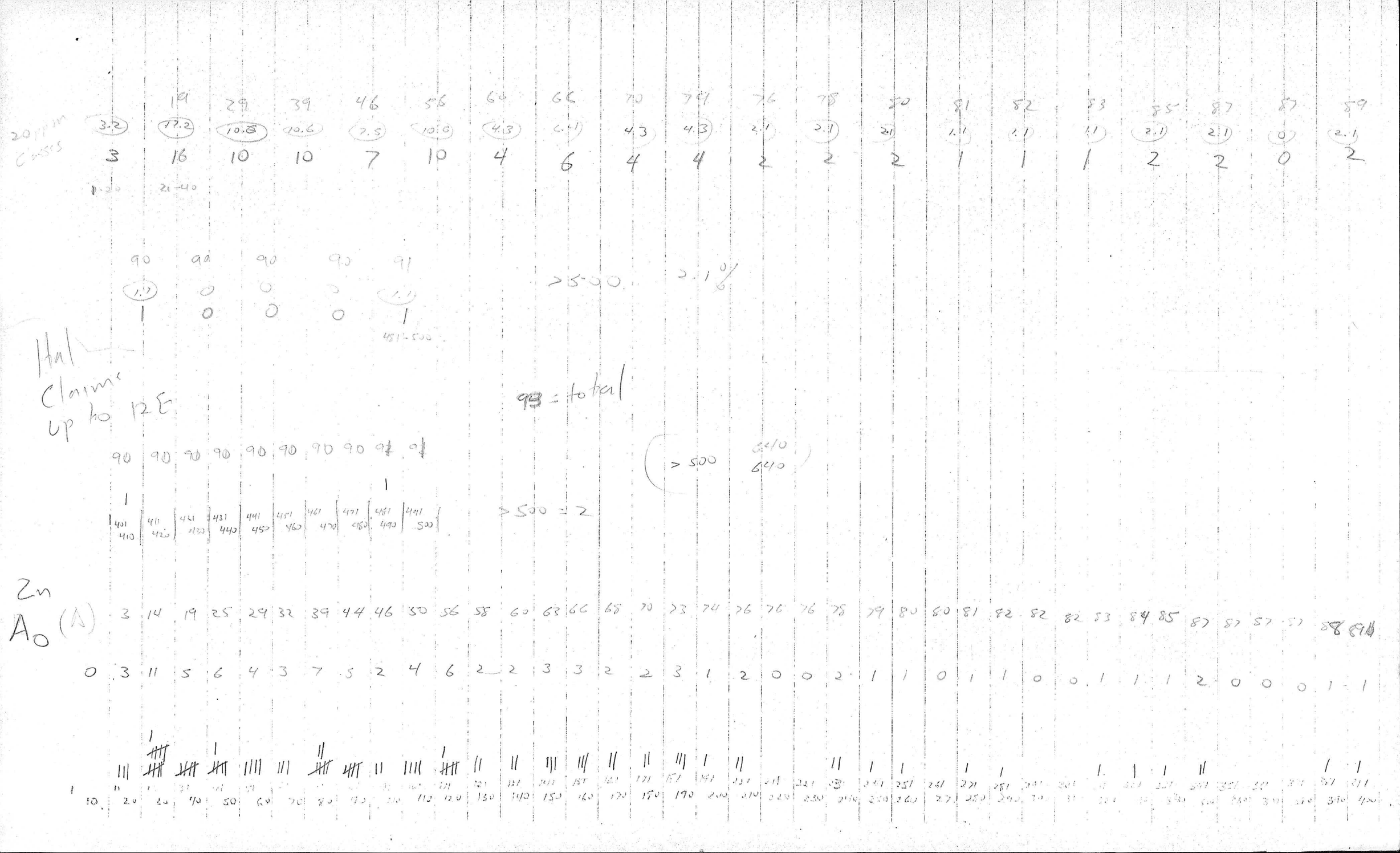
90	90	90	90	90	90	90	90	91	91
								1	
401-410	411-420	421-430	431-440	441-450	451-460	461-470	471-480	481-490	491-500

> 500 = 2

(> 500 ≤10 / 6<10)

Zn
A_0 (Λ)

0	3	11	5	6	4	3	7	5	2	4	6	2	2	3	3	2	2	3	1	2	0	0	2	1	1	0	1	1	0	0	1	1	1	2	0	0	0	1	1
3	14	19	25	29	32	39	44	46	50	56	58	60	63	66	68	70	73	74	76	76	76	78	79	80	80	81	82	82	82	83	84	85	87	87	87	87	88	89	



	15	47	58	78	100	127	154	172	192	207	222	231	240	245	252	255	256	260	263
.3	4.8	4.2	10.7	6.9	7.6	9.3	9.8	6.2	6.9	5.2	5.2	3.1	3.1	1.0	2.4	1.0	.3	1.4	.3
1	14	12	31	20	22	27	27	18	20	15	15	9	9	5	7	3	1	4	3

1-20

20 ppm classes

267	270	273	273	274
1.4	1.0	1.0	0	.3
4	3	3	0	1

481-500

> 500 = 5.2

total 289

264 267 269 270 272 273 273 273 274 0

Hal claims up to 12E

1 3 2 1 2 1 0 0 1 0

1 | 111 | 11 | 1 | 11 | 1 | | | 1 |

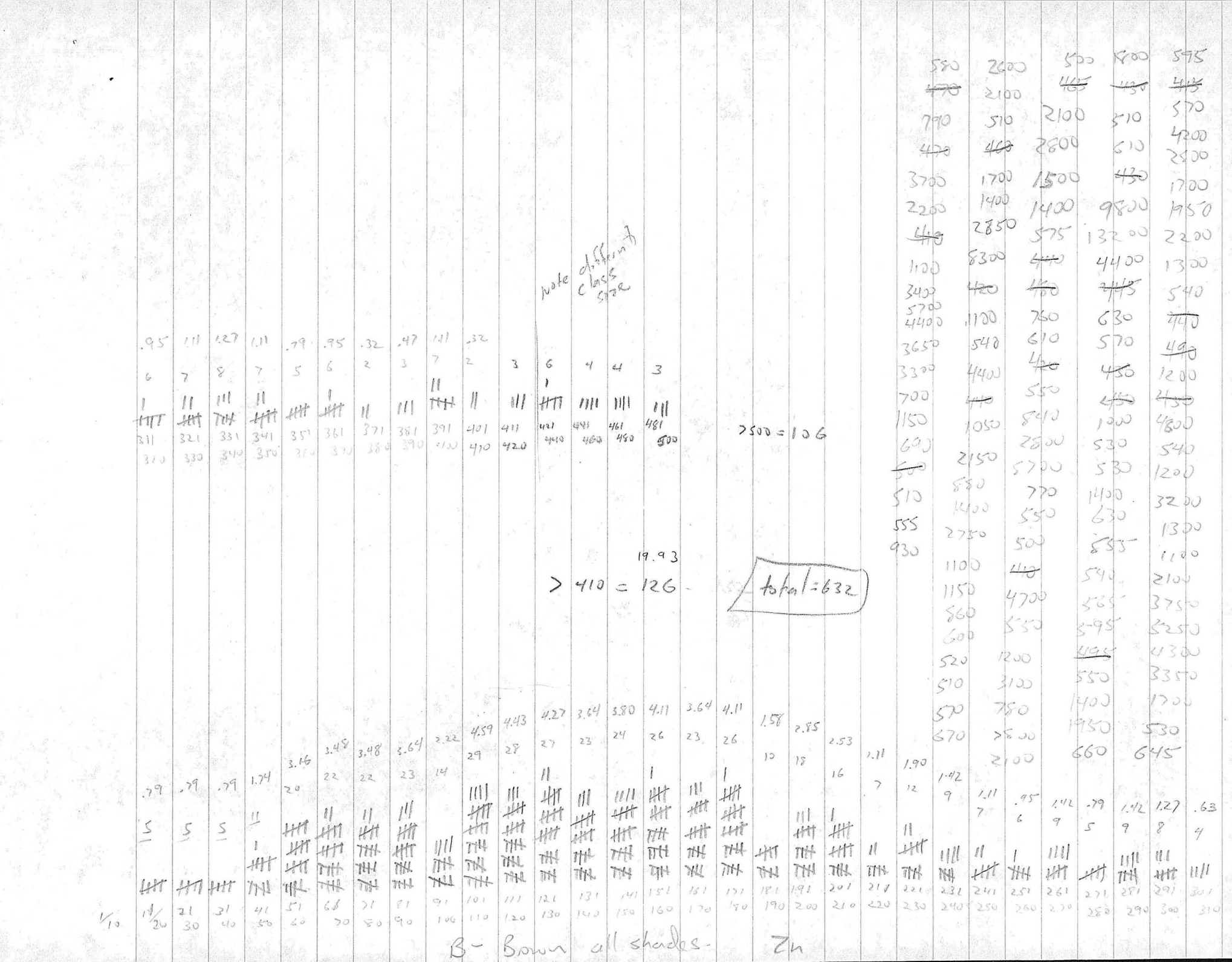
401 411 421 431 441 451 461 471 481 491
410 420 430 440 450 460 470 480 490 500

> 500 = 15

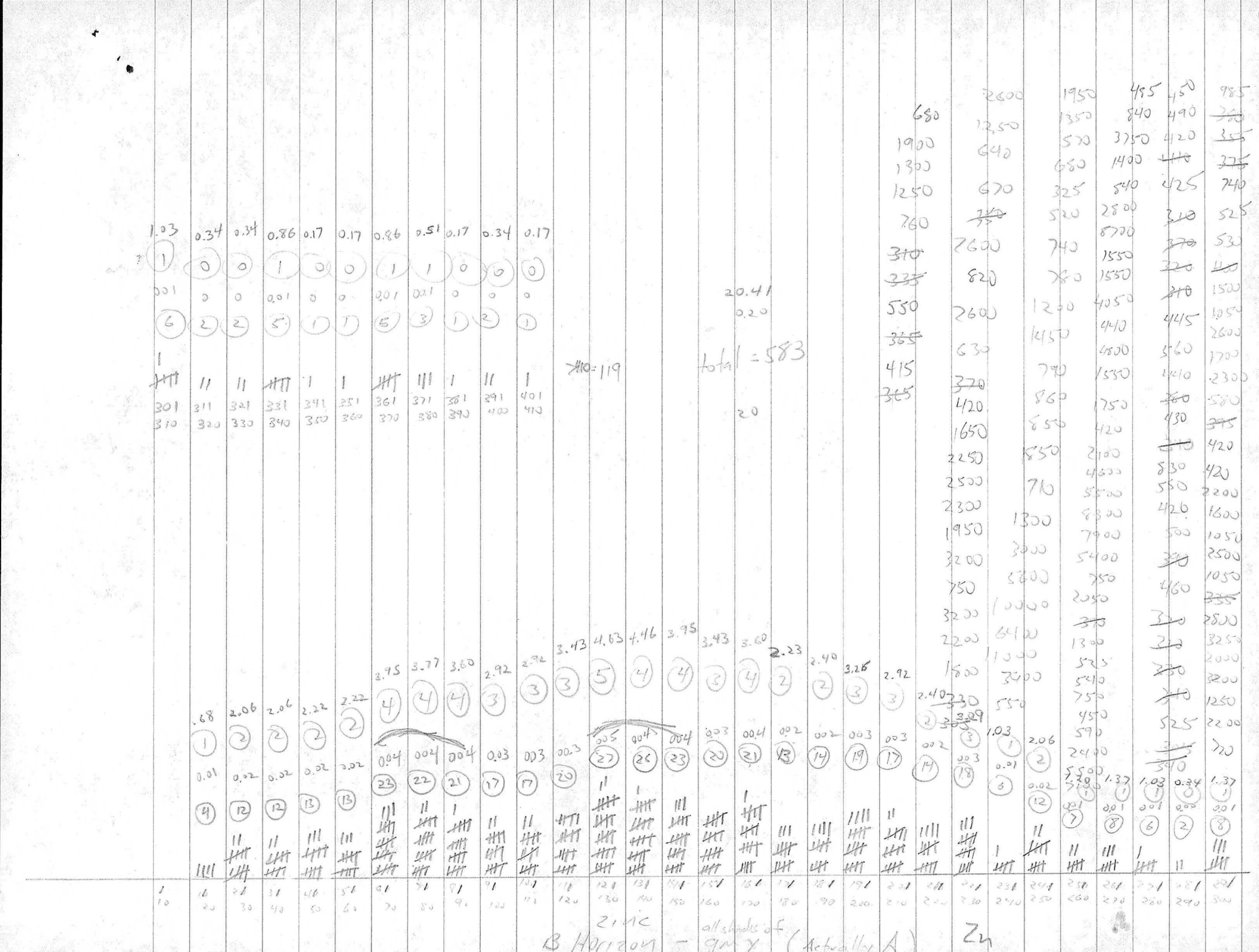
Zn

A_1 (Bg)

| 0 | 1 | 7 | 7 | 6 | 6 | 14 | 17 | 12 | 8 | 9 | 13 | 12 | 15 | 16 | 11 | 10 | 8 | 7 | 13 | 10 | 5 | 11 | | | | | | | | | | | | | | | | | | |


B- Brown all shades.
Zn
total=632
>500 = 106
>410 = 126
19.93
note different class size
1/10


1.04 1.04 1.04 1.55 1.04 .52 .52 .52
2 2 2 3 2 0 0 1 1 1
II II II III II I I I
310 320 330 340 350 360 370 380 390 400
330 340 350 360 370 380 390 400 410
>410 = 39
20.21
: 193
24
3.11 6.22 7.25 6.74 4.66 3.63 4.66 2.07 1.55 3.11 3.11 3.63 1.55 .52 4.14 2.07 2.07 1.55 1.04 1.04 0.00 .52 1.55 2.59 2.07 .52 .52 .52 .52
6 12 14 13 9 7 9 4 3 6 6 7 3 1 8 4 4 3 2 2 6 1 3 5 4 1 1 1 1 0
1 11 21 31 41 51 61 71 81 91 101 111 121 131 141 151 161 170 181 191 201 211 221 231 241 251 261 271 281 291 301
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310
A horizon
560 490
1200 640
570 640
480 1400
5600 2400
4100 1400
3200 1400
1700 420
2100
3100 1625
1950 2000
2250 2225
2200
1400
585
610
580
2500
2200
2250
560
480
690
700
520
1250
1350
490



Eccles early transect

Line 400W

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N														
102 N														
103 N														
104 N														
105 N														
106 N														
107 N														
108 N														
109 N														
110 N														
111 N														
112 N														
113 N														
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N														
121 N														
122 N														
123 N	A	10	brn	veg					N gent	trees	fair	poor		
124 N	A	8	brn	"					"	"	"	"		
125 N	A	12	blk	"					"	"	"	"		

Eccles early transect

Line 40W

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	A	10	brn	veg					Mgent	trees	fair	poor		
127 N	A	8	"	"					"	"	"	"		
128 N	A	12	blk	ash+veg					"	"	"	"		
129 N	B	10	brn	gravel	19	25	12	180	"	"	good	good		
130 N	A	12	blk	veg					"	"	fair	poor		
131 N	A	10	brn	ash					"	"	"	good		
132 N	A	8	brn	veg					"	"	"	poor		
133 N	A	10	blk	sand+veg					"	"	"	"		
134 N	Bmix	7	blk	sand+veg					"	"	"	"		
135 N	A	9	brn	veg					"	"	"	"		
136 N	A	8	"	"					"	"	"	"		
137 N	B	8	"	sand+rx	17	15	4	49	"	"	"	"		
138 N	A	12	"	veg					"	"	"	"		
139 N	A	12	"	"					"	"	"	"		
140 N	A	6	blk	"					"	"	"	"		
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Eccles

Line 40W

First Shipment

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ecr Present?	Ast Present?
100 N	B	X	8	dk gray	silt	25	18	7	120	N stp	willows	Fair	Fair	yes	no
99 N															
98 N	A		20	blk	"	—				"	"	poor	poor	yes	no
97 N															
96 N	A		20	blk	"					E stp	"	Fair	"	"	"
95 N															
94 N	A		12	dk gray	"					N gent	"	"	"	"	"
93 N															
92 N	A		8	"	"					"	"	"	"	"	"
91 N															
90 N															
89 N															
88 N	B	X	16	dk gray	"	17	11	2	26	"	"	"	"	"	"
87 N															
86 N															
85 N															
84 N	B		12	brn	"	10	17	4	66	E gent	trees	poor	good	yes	yes, " above
83 N															
82 N	B		14	brown	silt	60	25	12	92	E gent	willow	Fair	good	yes	some
81 N															
80 N	A		12	blk	silt	—				"	"	poor	Fair	yes	mixed
79 N															
78 N															
77 N															
76 N															

Eccles

Line 40W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N	B	X	6	dk grey	silt trx	32	22	10	150	E stp	willow	Fair	Fair	yes	no
103 N															
104 N															
105 N															
106 N															
107 N															
108 N															
109 N															
110 N	A		6	"	"					N stp	trees	Fair	Fair	yes	below
111 N															
112 N	B	X	12	"	"	24	26	14	150	"	"	"	"	"	no
113 N															
114 N	B	X	12	"	"	29	26	14	170	"	"	"	poor	"	"
115 N															
116 N	B	X	4	"	"	14	19	8	110	"	"	"	"	"	"
117 N															
118 N															
119 N															
120 N															
121 N															
122 N															
123 N															
124 N															
125 N															

First Sample

Geochs

Line 40W

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N	B	X	12	dk gray	silt + sand	— no	Result	—	—	↑ stp	trees	poor	poor	yes	no
129 N															
130 N	B	X	8	"	"	135	27	15	235	↑ gent	"	fair	"	"	"
131 N															
132 N															
133 N															
134 N	B	X	12	"	"	37	22	10	88	"	"	"	"	"	some
135 N															
136 N															
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Geeles

Line 40 W

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N															
99 N															
98 N															
97 N	B	X	10	grey	silt	13	16	4	67	N slp	willow	poor	poor	no	no
96 N															
95 N															
94 N	A		18	black	silt	20	34	14	110	"	"	"	"	yes	no
93 N	A		18	"	"	23	24	11	110	"	"	"	"	"	"
92 N	A		14	"	"	26	22	11	87	"	"	"	"	"	"
91 N															
90 N	B	X	12	grey	silt	18	20	8	73	"	"	"	fair	no	"
89 N															
88 N															
87 N	B	X	12	grey	"	54	26	10	91	"	"	"	"	no	no
86 N															
85 N															
84 N															
83 N	B		6	brn	"	18	19	7	75	"	"	Fair	Fair	no	no
82 N															
81 N	B		10	brn	"	16	19	8	71	"	trees	"	"	no	some
80 N															
79 N															
78 N															
77 N															
76 N															

Second shipment 35 Δ

Eccles

Line 40W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?	
100 N	B	X	12	grey	s.lt	20	21	11	84	N stp	shallow	poor	poor	no	no	35A
101 N																
102 N																
103 N																
104 N																
105 N																
106 N																
107 N																
108 N																
109 N																
110 N	B	X	10	grey	s.lt+sand	9	17	7	64	"	trees	"	good	"	yes	
111 N																
112 N																
113 N	B	X	6	"	"	11	19	9	71	"	"	"	poor	"	no	
114 N																
115 N																
116 N	B	X	10	"	s.lt	11	26	16	90	"	"	"	"	yes	"	
117 N	B	X	8	"	s.lt	9	18	7	72	"	"	fair	"	"	"	
118 N	B	X	10	grey	s.lt + rx	15	18	9	88	N mod	trees	poor	poor	no	no	
119 N	B	X	8	"	"	31	28	17	155	"	"	Fair	"	"	"	
120 N	B	X	6	greenish grey	"	50	49	33	450	"	"	poor	poor	yes	no	
121 N	B	X	4	"	"	75	74	59	490	"	"	"	"	no	no	stream
122 N	B	X	36	"	"	42	49	32	420	"	"	"	Fair	yes	"	
123 N																
124 N	B	X	10	grey	s.lt	9	15	6	48	"	"	poor	Fair	yes	no	
125 N																

Eccles

Line 40W

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N	B	X	10	greenish grey	silt + sand	32	16	8	80	N med	~~trees~~	fair	good	no	yes
132 N															
133 N															
134 N															
135 N															
136 N	B	X	8	grey	silt + trx	16	22	11	67	"	"	poor	"	"	"
137 N	B	X	10	"	silt + ash + trx	13	20	5	51	N gent	"	good	good	no	yes
138 N															
139 N															
140 N	A+B mix	X	10	grey	"	15	14	6	17	"	"	poor	good	no	yes
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

35A

Eccles (late fsem)

Line 40W

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?	
100 N															
101 N															
102 N															
103 N	B	10	brn	silt	17	24	8	145	N stp	trees	Fair	poor	Yes	No	61-A
104 N	A	18	"	"	13	26	12	92	"	"	poor	"	"	"	
105 N	A	10	"	"	12	26	9	105	"	"	fair	"	"	"	
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N															
113 N															
114 N															
115 N															
116 N															
117 N															
118 N															
119 N															
120 N															
121 N															
122 N															
123 N															
124 N															
125 N															
130 N	B	12	brn	silt	42	24	8	120	N stp	trees	Fair	good	yes	yes	49-A

Eccles early

Line 36 W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	A		10	brn	veg + silt					Ngent	trees	Fair	poor		
101 N															
102 N															
103 N															
104 N															
105 N															
106 N	A		12	grey/black	Ash silt					"	"	"	good		
107 N															
108 N															
109 N															
110 N															
111 N															
112 N	B	X	1"	dk grey	sandy	29	26	14	140	"	"	"	poor		
113 N															
114 N															
115 N	A		8	grey	ash					"	"	"	good		
116 N	A		8	"	"					"	"	"	"		
117 N															
118 N															
119 N	B	X	10	dk grey	silt	30	26	14	115	"	"	"	Fair		
120 N	A		8	"	"					"	"	"	poor		
121 N															
122 N															
123 N															
124 N															
125 N	A		12	grey	Ash					"	"	"	good		

Rel sept 24 A

Eccles

Line 36W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N	A	12	grey	ash					Ngent	trees	Fair	good		
128 N														
129 N	A	10	"	"					"	"	"	"		
130 N														
131 N														
132 N														
133 N														
134 N	A	12	dk grey	S. lt					Nmod					
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Eccles late trav.

samples on rept 35-A coll by PEW & Assoc.

Line 36 W

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?	
100 N																
99 N	B	XX	10	g-cy	silt	12	22	12	110	N stp	trees	fair	poor	no	no	
98 N	B	X	10	"	clay	6	15	4	38	"	willow	poor	"	yes	"	
97 N																
96 N	B	X	10	"	silt	14	20	9	81	"	"	fair	"	"	"	
95 N	B	X	24	"	"	20	25	13	100	"	"	good	"	no	"	talus
* 94 N	B mix		20	brn	"	11 (15)	14 (17)	4 (6)	45 (44)	"	"	"	"	"	some	talus
93 N	B		8	"	"	19	28	15	110	"	trees trans	poor	fair	yes	no	
92 N	B		6	"	"	20	24	12	67	"	"	"	"	"	"	
91 N	B	X	10	g-cy	"	14	21	9	58	"	"	"	poor	"	"	
90 N	B	X	10	"	"	18	23	10	80	"	"	fair	fair	no	"	
89 N	B	X	8	"	clay	31	30	16	160	N mod	"	"	"	"	"	
88 N	B		24	brn	silt	24	20	9	84	"	"	"	"	"	yes	talus
87 N	A		24	grey	silt+ash	8	13	3	19	N gent	"	"	poor	"	"	talus
86 N	A		20	blk	silt	55	24	9	31	"	"	"	"	yes	no	talus
85 N	B		8	grey	silt+rx	26	27	15	88	"	"	good	fair	no	"	35-A
84 N	B	XX	10	"	"	18	25	13	120	"	"	"	"	no	some	
83 N	B	X	8	"	"	59	34	18	140	"	"	poor	"	"	"	41-A
82 N	B		12	brn	silt	39	27	13	110	"	"	"	poor	yes	no	rocks
81 N	B mix	X	16	grey	"	17	18	9	52	"	"	fair	"	no	some	talus
80 N	B	X	8	"	"	11	20	9	69	"	"	"	good	no	yes	35-A
79 N																
78 N																
77 N																
76 N																

* 2 samples from same hole. 1 by Eccles 1 by PEW & Assoc.

Eccles late tsnv
red = south late tsnv

Line 36W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?	
100 N	B		16	brn	Silt	21	24	12	155	W stp	trees	poor	poor	yes	no	Blue = 41A
101 N	B	X	10	gray	"	15	14	3	63	"	"	fair	poor	"	"	
102 N																> 111A
103 N																
104 N	B	X	12	"	"	10	16	4	56	"	"	poor	Fair	"	"	
105 N																
106 N																
107 N	B	X	8	"	clay	42	37	21	240	"	"	poor	good	"	"	= 49-1
108 N																
109 N																
110 N																
111 N	B	X	12	"	Silt	39	28	15	265	"	"	Fair	good	"	"	
112 N																
113 N																
114 N	B		10	brn	Silt+veg	73	35	20	235	N gent	trees+ moss	poor	poor	no	no	
115 N	B	X	10	gray	Silt	22	21	8	125	"	"	"	"	"	"	
116 N																
117 N																
118 N																
119 N	B		8	brn	"	24	25	13	110	"	"	Fair	Fair	yes	"	> 41A
120 N	B		16	brn	"	36	36	24	140	"	"	"	"	no	"	
121 N																
122 N																
123 N																
124 N	B	X	16	grey	Silt+sand	125	31	17	245	"	"	poor	"	"	"	
125 N	B	X	10	grey	Silt	24	13	2	68	"	"	good	poor	y "	"	talus
125 N	B		10	brn	Silt+rx	47	30	14	190	N stp	trees	Fair	good	no	yes	= missabled on 49A

Line

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B	X	10	grey	silt	28	20	8	170	N gent	trees + moss	poor	poor	yes	no
127 N															
128 N															
129 N	B	X	10	"	"	68	31	19	180	"	"	fair	fair	no	no
130 N	B	X	10	"	silt + sand	65	33	20	270	N mod	"	"	"	"	"
131 N	B	X	12	"	silt	30	15	5	100	"	"	"	"	yes	"
132 N															
133 N	B	X	12	"	"	59	20	9	195	N stp	"	"	"	"	"
134 N	B	X	12	"	"	175	26	15	270	"	"	"	"	"	"
135 N															
136 N															
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

talus

41 X

Line Recent 32W

Asterisk same by PEW & Assoc (no notes)

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea Present?	Ash Present?
100 N															
99 N															
98 N	B	X	10	grey	silt	10	19	6	67	N mod	moss+trees	Fair	good	none	none
97 N	B		18	dk brn	"	7	15	2	28	"	"	poor	poor	18"	"
96 N															
95 N															
94 N	B	X	24	dk grey	"	7	17	5	33	N steep	"	Fair	good	24"	2"
93 N	B	X	18	"	silt+ash	6	14	2	32	"	"	poor	Fair	18"	1"
92 N	B		36	dk brn	silt	13	21	9	105	"	"	Fair	poor	none	none
91 N															
90 N	B		18	dk brn	"	22	23	8	120	"	"	Very poor	Fair	none	Very little
89 N	B	X	10	dk grey	"	21	25	12	130	N mod	"	good	Fair	none	none
88 N	B	X	12	grey	silt	12	20	10	81	"	"	good	good	none	none
87 N	B	X	15	dk grey	"	27	26	12	130	"	"	Fair	Fair	none	very little
86 N	B		30	lt brn	silt+rx	18 (11)	28 (24)	14 (15)	81 (64)	bench of slope	"	good	good	none	2"
85 N	B		20	"	"	14 (14)	15 (25)	3 (8)	60 (115)	N gent	"	good	good	very little	2"
84 N	B		24	"	"	15 (16)	19 (19)	7 (9)	61 (66)	"	"	"	"	"	"
83 N	B(?)		collected by PEW & Assoc			(26)	(31)	(15)	(115)						
82 N	B		20	med brn	silt+rx	33 (30)	27 (28)	14 (13)	220 (215)	"	"	"	"	none	3"
81 N	B		16	dr brn	sand+gravel	26	28	15	185	"	"	"	Fair	none	2"
80 N	B		8	med brn	silt+gravel	22 (21)	27 (28)	16 (15)	94 (110)	"	"	poor	"	none	1"
79 N	B		8	dk brn	silt+ash	17	18	7	46	"	"	Very poor	poor	8"	little
78 N															
77 N	B		10	"	"	30	20	8	71	"	"	"	Fair	10"	½"
76 N															

35N

( ) = duplicate sample from same hole by PEW & Assoc

Detailer

Line Recut 32W

35N

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N	B		10	dk brn	silt	8	16	4	41	N stp	moss + trees	fair	Fair	none	none
102 N	B	X	10	gry	silt + sand	29	31	18	180	"	"	good	Fair	"	"
103 N															
104 N															
105 N															
106 N	B	X	20	"	s, lt	51	31	17	210	N gent	"	poor	none	"	"
107 N	B	X	12	"	"	42	39	25	215	"	"	Fair	poor	"	V l. Hte
108 N	B	X	24	dk gry	silt + sand	40	28	17	100	"	"	good	Fair	"	1/2"
109 N															
110 N	B	X	10	gry	s. lt	33	23	9	71	"	"	Fair	poor	"	none
111 N	B	X	14	dk gry	"		results missing			"	"	"	Fair	"	V l. Hte
112 N	B	X	10	gry	s. lt + sand	55	26	14	115	"	"	poor	poor	"	none
113 N															
114 N	B	X	20	"	"	47	31	18	140	S med	"	Fair	good	"	1/2"
115 N	B	X	10	"	"	56	40	26	200	"	"	"	poor	"	none
116 N	B	X	18	"	s. lt	47	26	14	200	"	"	"	fair	"	y"
117 N															
118 N	A		16	blk	"	120	17	6	40	"	"	poor	good	16"	3"
119 N															
120 N	B		14	lt brn	sand	23	26	13	130	S gent	"	good	"	none	3"
121 N	B		10	"	s. lt	15	23	11	100	N F H	"	"	"	"	2"
122 N															
123 N	B	X	8	gry	"	30	24	10	135	N med	"	"	"	"	1"
124 N	B	X	24	dk gry	"	49	34	21	255	"	"	poor	Fair	"	1"
125 N	A		12	blk	"	33	19	9	120	"	"	fair	poor	12"	Very little
126 N	B		18	dk brn	s. lt	29	16	6	87	N med	moss + trees	poor	fair	16"	1" some in samp.

Eccles

Line 32W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	B		8	dk grey	silt+rx	16	27	14	120	N stp	trees	fair	fair	yes	no
101 N															
102 N	B		8	"	"	33	29	14	210	"	"	"	"	"	"
103 N															
104 N															
105 N															
106 N															
107 N															
108 N	B		12	"	"	37	39	25	140	W stp	trees	Fair	poor	yes	no
109 N															
110 N	B		8	"	s. lt	32	16	6	76	"	"	"	fair	"	"
111 N															
112 N	B		8	greenish grey	silt+rx	66	22	10	140	W mid	"	poor	poor	"	"
113 N															
114 N	B		12	"	"	39	31	18	220	"	"	good	good	yes	NO
115 N															
116 N															
117 N															
118 N															
119 N															
120 N	B		24	brn	s, lt	23	23	9	110	S mid	"	"	"	no	8" above
121 N															
122 N															
123 N															
124 N															
125 N															

Eccles

Line 32W

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ash present?	Ash Present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N	B		24	brn	silt+rx	44	25	11	230	N stp	trees	Fair	poor	no	no
133 N															
134 N	A		12	blk	silt					N stp	trees	Fair	Fair	yes	below
135 N															
136 N															
137 N															
138 N															
139 N															
140 N	B	X	8	gray	clay	22	15	3	130	N mod	trees	Fair	Fair	yes	no
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Eccles early traverse

Line 32W (crooked line)

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N	B mixed		6"	dk gry	silt+ven	9	15	5	34	N stp	trees	Fair	poor		
102 N	B	X	10	"	Sand+silt	43	45	29	250	W stp	trees	"	"		
103 N															
104 N															
105 N															
106 N															
107 N	B	X	8	dk gry	"	30	34	21	140	"	"	"	"		
108 N	A		10	"	"					"	"	"	"		
109 N															
110 N															
111 N															
112 N	B	X	8	"	"	55	25	14	150	"	"	"	"		
113 N	A		10	gry	ash					W mod	"	"	good		
114 N															
115 N	B	X	8	dk gry	silt+ox	75	52	40	230	"	"	good	poor		
116 N															
117 N															
118 N															
119 N															
120 N															
121 N	B		8	brn	silt	18	19	8	120	W mod	"	good	good		
122 N	A		8	gry	Ash					N gent	"	"	"		
123 N	B	X	16	dk gry	silt+ox	37	22	9	170	N stp	"	"	poor		
124 N	A		12	blk	silt					N mod	"	poor	good		
125 N															

103=ck 24A?

Eccles early traverse

Line 32W (crooked line)

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N	A	10	grey	ash					N stp	trees	fair	good		
128 N	A	12	"	"					"	"	"	"		
129 N	A	10	blk	silt					N stp	trees	fair	poor		
130 N														
131 N														
132 N														
133 N	A	5	blk	silt					N stp	trees	poor	poor		
134 N	A	8	blk	silt					N stp	trees	poor	poor		
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

24A?

Geales (late Trav)

Line 32W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?	
126 N															61-A
127 N															
128 N	B	10	brn	silt+cx	31	45	31	320	N stp	trees	poor	good	yes	yes	
129 N															
130 N															
131 N	A	16	grey	silt+cx	26	17	4	46	N stp	trees	Fair	fair	no	yes	talus
132 N															
133 N															
134 N															
135 N															
136 N	A	10	grey	silt+cx	9	14	2	31	N med	trees	Fair	Fair	yes	no	
137 N															
138 N															
139 N															
140 N	B	10	grey	silt+cx	17	31	14	83	N med	trees	poor	fair	yes	yes	
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Eccles (late traverse)

Line 32W

49A

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N															
105 N															
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N															
113 N															
114 N															
115 N	B	X	12	amy	silt tix	100	56	39	225	Nslp	trees	poor	fair	yes	no
116 N															
117 N															
118 N															
119 N															
120 N	B		16	brn	"	27	28	12	120	"	"	good	good	yes	yes
121 N															
122 N															
123 N															
124 N															
125 N															

Eccles

Red rep 24 N

Line 28W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	A		20	blk	silt+sand	—			—	W gent	trees	poor	poor	No	No
101 N	A		20	"	"	—			—	"	"	"	"	"	"
102 N				frozen	peat										
103 N	B	X	12	dk grey	silt	46	29	16	110	"	"	Fair	good	yes	1" thick
104 N															
105 N			Frozen ash												
106 N			frozen ash												
107 N			frozen peat												
108 N															
109 N															
110 N															
111 N	A		12	blk	silty	—			—	"	"	poor	poor	no	no
112 N															
113 N															
114 N															
115 N															
116 N	B	X	4	dk grey	silt+cx	11	26	13	150	"	"	good	"	"	"
117 N															
118 N	B		4	brn	"	33	89	74	320	W steep	"	"	"	"	4
119 N															
120 N															
121 N															
122 N															
123 N	A		8	blk	silt	—			—	"	"	Fair	"	yes	below
124 N	A		10	"	"	—			—	"	"	"	poor	"	"
125 N															

Steeles

Line 28W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N														
128 N														
129 N	A	10	blk	silt					N slp	trees	fair	poor	yes	?
130 N														
131 N														
132 N														
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Line 28W

station	Horizon		depth	Color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?	
100 N	B	X	10	grey	Silt+sand	34	38	25	150	Mmod	trees+moss	poor	fair	yes	no	
99 N	B	X	20	"	"	43	47	32	190	"	"	"	"	"	"	
98 N	B	X	12	"	Silt	31	35	22	160	"	"	"	"	yes	"	
97 N	B	X	10	"	"	24	33	20	175	Nmod	willows	"	poor	no	"	
96 N	B	X	12	"	Silt+sand	14	34	20	160	"	"	"	fair	"	"	
95 N																
94 N	B	X	10	"	"	18	36	21	160	"	"	"	"	yes	no	
93 N																
92 N																
91 N	B	X	8	"	"	12	33	20	100	"	"	Fair	"	"	"	
90 N																
89 N																
88 N	B	X	10	"	"	16	25	12	155	"	"	good	"	no	no	
87 N	B		8	brn	"	22	27	14	200	"	"	"	"	"	"	
86 N	B	X	8	grey	"	NS or not submitted				"	"	Fair	Fair	"	yes	talus
85 N	B		10	brn	"	15	31	19	160	"	trees	"	"	"	"	talus
84 N	No sample	bags	jacks	+ dish												
83 N	B		7	"	"	32	25	13	100	"	"	poor	poor	"	No	
82 N *	B	X	16	grey	"	NS (23) or sample not submitted (25)			(11) (149)	"	"	fair	"	"	yes	talus
81 N	B		8	brn	"	NS or sample not submitted				"	"	"	"	"	"	
80 N	B	X	8	grey	"	12	31	18	85	"	"	poor	fair	"	"	
79 N	B	X	6	"	"	19	32	16	150	"	"	"	poor	"	no	
78 N	B	X	12	"	"	10	23	11	410	"	"	fair	fair	"	yes	
77 N																
76 N	B	X	2	"	"	11	32	19	125	"	"	good	~~poor~~	no	no	

* sampled by PGW & Assoc

4 of 4

Line 28W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N	B	X	8	grey	si lt	22	34	19	140	Wmod	trees twigs	poor	fair	yes	~~yes~~
103 N															
104 N															
105 N	B	X	10	"	si lt + x	27	35	22	140	"	"	fair	fair	no	no
106 N	B	X	10	"	"	20	25	16	64	"	"	"	"	yes	yes
107 N															
108 N	B	X	8	"	"	64	35	21	200	"	"	"	"	no	no
109 N															
110 N	B	X	12	"	"	42	30	19	160	"	"	poor	fair	"	"
111 N	B	X	10	brn	si lt	59	31	17	170	"	"	poor	poor	"	"
112 N															
113 N	B	X	8	grey	si lt	35	31	18	120	Wmod	"	Fair	Fair	no	some
114 N															
115 N															
116 N															
117 N															
118 N															
119 N	B	X	10	"	"	31	31	19	190	Nmod	"	poor	good	"	"
120 N	B	X	10	"	"	25	47	34	255	"	"	fair	"	"	"
121 N															
122 N															
123 N															
124 N															
125 N	B	X	10	brn	si lt	10	19	8	100	Nstp	"	"	poor	yes	"

4/11 A

Line 28W

41A

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
126 N															
127 N	B		12	b-n	silt	13	22	11	40	Nstp	trees + moss	Fair	poor	yes	some
128 N															
129 N															
130 N					"	14	25	14	295	"	"	poor	poor	"	"
131 N	B		8	"											
132 N	B		10	"	"	11	16	6	210	"	"	"	"	"	"
133 N															
134 N	B		11	"	"	45	21	9	300	"	"	fair	fair	"	yes
135 N	B		10	"	"	23	16	4	64	"	"	"	"	"	
136 N															
137 N															
138 N	B		10	"	"	38	18	8	120	"	"	poor	poor	"	"
139 N															
140 N	B	X	8	g-r	silt	20	21	9	65	"	"	fair	fair	"	"
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Eccles late trav

Line 28W

61A

Station	Horizon		Depth	color	Texture	CU	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N															
105 N															
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N															
113 N															
114 N															
115 N															
116 N															
117 N															
118 N															
119 N															
120 N															
121 N															
122 N															
123 N	A		16	dk gry	silt trx	30	26	11	85	N slp	trees	Fair	good	yes	yes
124 N	B	X	10	grey	"	42	33	17	88	"	"	Fair	Fair	"	"
125 N															
126 N	A		16	dk gry	"	19	28	12	190	"	"	Fair	Fair	yes	no

Eccles

Line 24W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N	A		12	blk	silt					Ugent	trees	poor	good	yes	below
103 N															
104 N															
105 N															
106 N	B		24	brn	silt+rx	41	33	22	185	"	"	good	good	no	3" above
107 N															
108 N															
109 N															
110 N															
111 N															
112 N	B		24	"	"	74	49	34	200	"	"	"	"	"	"
113 N															
114 N	A		8	blk	silt					"	"	"	"	yes	2" above
115 N															
116 N	B	X	12	dk grey	"	285	85	68	425	Nstp	"	poor	"	"	"
117 N															
118 N															
119 N															
120 N															
121 N															
122 N	B	X	24	grey	silt	48	31	17	150	"	"	good	good	no	4" above
123 N															
124 N	A		12	black-grey	silt+ash					"	"	"	"	yes	8" above
125 N															

24W

Eccles

Line 24W

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ecc present?	Ash present?
126 N															
127 N															
128 N	B	X	10	gray	silt	22	27	16	150	N slp	trees	good	poor	yes	no
129 N															
130 N															
131 N															
132 N															
133 N															
134 N															
135 N															
136 N															
137 N															
138 N															
139 N															
140 N	B	X	24	tan	silt + sand	18	35	20	190	N	trees	good	good	no	2" above
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Eccles

Line 24W

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N														
99 N	B	20	brn	gravel	77	45	31	205	Ugent	trees	poor	Fair	no	no
98 N	A	12	dk gray	silt					"	"	Fair	poor	yes	no
97 N														
96 N														
95 N														
94 N														
93 N														
92 N														
91 N														
90 N														
89 N	A	12	"	"					"	"	poor	poor	yes	no
88 N														
87 N														
86 N														
85 N	A	8	dk gray	silt					Ugent	tree	Fair	poor	yes	no
84 N														
83 N														
82 N														
81 N	A	10	dk gray	silt					Ngent	Willow	Fair	Fair	yes	Brown ash below
80 N														
79 N														
78 N														
77 N														
76 N														

24/A

Eccles

Line 24W

24S

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon Development	Ice Present?	Ash Present?
100 N	A	10	dk gray	s,H					W steep	trees	good	poor	yes	no
101 N														
102 N														
103 N	B	20"	dk gray	"	27	16	7	29	"	"	fair	good	yes	1" above
104 N														
105 N														
106 N	B	8"	brn	"	35	34	19	140	"	"	good	good	no	3" above
107 N	B	12	"	"	14	20	10	53	"	"	"	"	yes	4" above
108 N														
109 N														
110 N														
111 N														
112 N	B	4	"	"	50	51	38	130	W gent	"	fair	Fair	no	1" above
113 N	B	4	"	"	54	130	115	400	W gent	"	good	poor	no	4" above
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N														
121 N														
122 N	B	12	brn	s,H	29	47	34	165	W gent	"	fair	good	yes	bc low ash
123 N														
124 N														
125 N														

Eccles

24A

Line 24W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N														
128 N														
129 N														
130 N														
131 N	A	10	blk	silty					N stp	trees	Fair	poor	yes	thin on top
132 N	A	10	blk	silty					W stp	trees	poor	poor	yes	?
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Eccles (late trav)

Line 24W

Station	Horizon		Depth	color		Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N																
101 N																
102 N																
103 N																
104 N																
105 N																
106 N																
107 N	B		10	brn		silt	42	34	16	1800	w mod	trees	good	good	no	yes
108 N																
109 N																
110 N																
111 N																
112 N																
113 N																
114 N																
115 N																
116 N																
117 N																
118 N																
119 N																
120 N																
121 N																
122 N																
123 N																
124 N																
125 N																
140N	R		24	a.v.		sand	26	27	11	205	v/stp	trees	good	good	no	yes

Geeks - blue

Line 24W

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ecca Present?	Ash Present?	
100 N																
99 N																
98 N	A		20	black	silt	59	44	31	200	N incl	willow	fair	poor	yes	no	
97 N																
96 N	B	X	10	grey	silt + x	34	29	17	105	"	"	poor	fair	"	"	
95 N	B	X	12	"	"	29	31	20	130	"	"	Fair	"	"	"	
94 N																
93 N																
92 N	A		24	"	"	51	56	44	210	"	"	"	poor	no	some	
91 N																
90 N	B	X	10	"	"	41	54	41	200	"	"	fair	Fair	"	"	
89 N																
88 N	A		20	brn	silt + sand	28	36	20	160	"	Trees	poor	poor	yes	no	
87 N																
86 N	A		10	"	silt	27	22	9	155	"	"	"	"	"	"	
85 N	A		16	"	"	30	18	5	165	"	"	Fair	poor	"	"	
84 N	B	X	24	greenish grey	silt + sand	20	26	12	200	"	"	poor	Fair	no	yes	
83 N	A		20	dk brn	silt + x	23	16	8	77	"	"	fair	poor	no	yes	tails
82 N	B mix		20	brn	silt + x + ash	26	18	9	120	"	"	poor	"	yes	yes	tails
81 N	A		10	"	silt	38	22	12	120	"	"	fair	poor	yes	no	
80 N																
79 N																
78 N																
77 N																
76 N																

Eccles - blk

Line 24W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N	A		16	dk gry	silt trx	38	26	14	83	N mod	trees	fair	poor	yes	yes
104 N	B	X	12	"	"	34	16	5	84	"	"	poor	"	"	no
105 N	D	X	8	"	silt	58	23	11	64	"	"	fair	"	"	"
106 N															
107 N															
108 N															
109 N															
110 N	B	X	20	grey	silt	47	34	21	130	"	"	poor	fair	"	yes
111 N	B	X	10	"	"	55	33	21	170	"	"	"	good	no	"
112 N															
113 N															
114 N															
115 N															
116 N															
117 N															
118 N															
119 N															
120 N	B		20	brn	silt	28	23	13	110	"	"	poor	fair	yes	yes
121 N	B		16	brn	"	60	30	17	170	"	"	fair	"	"	"
122 N	B		8	"	"	20	44	30	170	"	"	good	good	no	NO?
123 N	B		10	brn	"	79	35	22	200	"	"	"	"	"	no
124 N	A		12	blk	"	24	28	15	150	"	"	fair	poor	yes	yes
125 N															

Line 24W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B	20	brn	Silt	30	38	25	250	N stp	trees	poor	poor	yes	no
127 N	B	10	grey	Silt+sx	21	38	23	270	"	"	fair	fair	"	yes
128 N														
129 N	rocks + ash no sample													
130 N														
131 N	A	12	blk	Silt	30	33	20	350	N stp	trees	fair	poor	yes	no
132 N														
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N	B	20	brn	sand	15	39	25	205	"	"	good	good	no	yes
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

later traverse
Eccles

Line 20W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	B	X	20	dk grey	silty	23	33	22	76	S gent	trees	Fair	fair	yes	yes
101 N	A		20	blk	"					"	"	poor	"	"	6" below
102 N	B	X	20	dk grey	"	19	22	12	58	"	"	Fair	good	No	4" above
103 N	B		8	brn	silt + rx	19	29	17	120	"	"	good	"	No	6" above
104 N	B		6	brn	"	62	33	22	150	N gent		Fair	Fair	No	"
105 N	B		20	brn	"	67	47	33	160			poor	good		12" Ash above
106 N	A		10	blk	"							good	good		organic layer Beneath ash
107 N															
108 N	B		24	brn	silt	88	38	27	135			poor	Fair		some
109 N	B		8	brn	silt	56	39	26	100			good	good		3" above
110 N	B		6"	brn	silt	62	50	36	130	W gent	trees	good	poor	No	No
111 N	B		9"	"	"	49	49	37	165	"	"	"	Fair	"	8" on top
112 N	B	X	12	grey	"	15	33	22	46	"	"	"	good	yes	10" on top
113 N	B		10	brn	"	13	25	13	51	"	"	"	"	"	2" on top
114 N	B		4	"	silt + rx	220	46	32	190	N med	"	"	poor	No	No
115 N															
116 N	A		24"	blk	"					N stp	"	Fair	Fair	Yes	Yes above
117 N	B		12"	brn	"	275	34	18	240	"	"	"	poor	No	No
118 N	B		4"	"	"	1850	36	9	430	"	"	good	"	(below anomaly)	?
119 N															
120 N	A		20"	blk	"					"	"	Fair	"	No	No
121 N															
122 N	B		8"	brn	"	115	50	38	205	"	"	"	Fair	No	some above
123 N															
124 N															
125 N															

Rad? probably
opt 24A

red = Eccles (late tuff)
different late tuff.

Line 20W

Station	Horizon		Depth	color		Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N																
101 N																
102 N																
103 N																
104 N																
105 N																
106 N																
107 N																
108 N																
109 N																
110 N																
111 N																
112 N																
113 N																
114 N																
115 N																
116 N	B		16	brn		Silt	270	46	26	510	N med	willow	fair	fair	no	no
117 N	B		10	"		"	340	39	17	340	"	"	"	"	"	"
118 N																
119 N																
120 N	B		16	"		"	210	49	31	160	N S7p	"	poor	poor	yes	no
121 N	B		20	"		"	170	32	18	260	"	"	"	"	"	no
122 N	B		10	"		"	77	45	30	280	"	"	"	good	"	"
123 N	A		10	"		"	240	73	57	490	"	"	poor	poor	"	no
124 N																
125 N																
130 N	Bm/t		8	brn		silt+veg	23	22	7	90	"	trees	fair	poor	yes	no
129 N	B		12	grey		"	16	24	15	87	"	trees	poor	poor	yes	no

Kept 61-A

Geeks Valley.

Line 20W

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea a Present?	Ash Present?
100 N															
99 N	B	X	12	grey	clay	72	42	29	205	Sgent	trees	poor	poor	yes	no
98 N	B		10	brn	silty	28	57	44	115	Nagent	"	Fair	Fair	no	some
97 N	A		16	black	silt	78	39	27	155	"	"	Fair	poor	Yes	"
96 N	B	X	16	dk grey	"	30	51	37	165	"	"	poor	poor	"	no
95 N	B	X	8	"	"	47	68	52	190	"	"	Fair	poor	"	"
94 N	B	X	20	"	"	30	39	26	140	"	"	poor	Fair	"	yes
93 N	B		10	brn	Silty	60	48	33	220	Nmed	"	Fair	poor	no	"
92 N	B		10	"	"	12	32	20	81	"	"	"	good	"	"
91 N	B	X	16	green grey	"	33	42	29	200	"	"	poor	"	"	"
90 N															
89 N	B	X	10	"	"	29	45	30	165	Nagent	"	Fair	"	yes	"
88 N	A		20	blk	silt	21	59	44	190	"	"	poor	"	"	"
87 N															
86 N	B		10	brn	"	36	47	31	240	"	"	good	"	no	"
85 N	B		8	brn	"	12	21	6	64	"	"	poor	fair	"	"
84 N	B		10	"	"	10	26	13	59	"	"	"	"	"	"
83 N				"											
82 N	B		10		"	24	32	17	145	"	"	"	"	"	"
81 N															
80 N															
79 N															
78 N															
77 N															
76 N															

Eckles - Slye

Line 20W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N															
105 N															
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N															
113 N															
114 N															
115 N															
116 N	A		16	dk grey	Silt	150	35	23	170	N med	trees	fair	poor	no	no
117 N															
118 N															
119 N	B	X	12	"	"	165	27	14	180	"	"	poor	"	no	no
120 N															
121 N															
122 N															
123 N	A		16	"	"	180	74	61	640	"	"	"	"	yes	yes
124 N															
125 N															
120N	B	X	10	grey	Silt+sand	17	29	16	110	"	"	"	fair	yes	yes

Pew's Ass.

Line 20W

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N					100	66	51	255						
99 N														
98 N														
97 N														
96 N														
95 N														
94 N														
93 N					13	35	21	110						
92 N														
91 N														
90 N														
89 N														
88 N														
87 N														
86 N					13	24	10	81						
85 N														
84 N					16	28	13	140						
83 N														
82 N														
81 N														
80 N														
79 N														
78 N														
77 N														
76 N														

Eccles

Line 16 W

station	Horizon		depth	Color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N															
99 N															
98 N	B	X	16	dk gray	silt + fx	105	70	4	310	w gent	Willow	poor	poor	yes	½" above
97 N	A		12	"	"					"	"	"	"	No	NO
96 N															
95 N															
94 N															
93 N															
92 N	B	X	20	dk gr	silt + fx	33	32	20	150	w gent	Willows	good	good	yes	½" above
91 N	B	X	8	dk gray	↓	80	46	34	145			poor		No	½" above
90 N	B		24	brn	silt + sand + fx	30	45	32	180			good			4" above
89 N	B		8			24	39	26	140		trees				1" above
88 N	B		16			23	43	31	200				Poor		4" above
87 N	B		8	brn		15	25	11	195	S gent			good		3" above
86 N															
85 N															
84 N															
83 N															
82 N															
81 N															
80 N															
79 N															
78 N															
77 N															
76 N															

Red 24

Eccles

later traverse ?

Line 16W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N	B		6"	brn	silt+rx	58	53	37	160	W gent	trees	good	poor	No	No
102 N															
103 N															
104 N															
105 N	A		16	blk	silt					N gent	trees	Fair	good	yes	below
106 N	B		24	brn	S.H+rx	86	33	20	170	N gent	willows	poor	good	No	3" on top
107 N	B	X	7	dk grey	"	37	34	22	140	"	"	fair	poor	"	no
108 N															
109 N	B		4	brn	"	75	53	39	185	"	"	fair	"	"	no
110 N	B	X	15	grey	"	32	26	15	73	"	"	good	good	yes	4" on top
111 N															
112 N	B	X	24	green grey	"	190	61	44	370	"	"	poor	poor	yes	no
113 N	B		8	brn	"	49	30	15	150	"	"	fair	good	yes	2" on top
114 N															
115 N															
116 N															
117 N															
118 N	A		16	blk	"					"	"	fair	poor	no	4" on top
119 N	B		10	brn	silt+rx	63	26	13	81	N gent	willows	Fair	fair	yes	no
120 N	B		15	brn	silt+rx	38	39	26	120	N sbp	trees	Fair	good	No	2" above
121 N															
122 N															
123 N															
124 N															
125 N															

red

sept 24. A

Eccles
later traverse?

Line 16W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N														
128 N														
129 N														
130 N														
131 N														
132 N														
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N	B	24"	brn	Sandy	28	32	19	155	Flat	trees	good	good	No	3" top
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Eccles (lake traverse)

Line 16W

Station	Horizon		Depth	color		Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N																
101 N																
102 N	B		10	brn		silt	91	52	36	170	N med	willow	poor	fair	no	yes
103 N																
104 N																
105 N																
106 N																
107 N																
108 N																
109 N																
110 N																
111 N																
112 N																
113 N																
114 N	B		10	brn		"	140	55	37	180	N stp	"	poor	fair	no	yes
115 N																
116 N																
117 N																
118 N																
119 N	B		8	brn		"	55	22	8	50	"	"	fair	"	"	no
120 N	B		10	brn		"	33	35	22	83	"	"	good	good	no	yes
121 N																
122 N																
123 N																
124 N																
125 N																

Eccles (late traverse)

Line 16W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
126 N														
127 N														
128 N														
129 N														
130 N														
131 N														
132 N	B	12	brn	silt	24	79	54	200	N stp	trees	poor	poor	yes	no
133 N														
134 N														
135 N	B mix	10	brn	silt + org	14	34	22	90	N mod	trees	fair	poor	yes	no
136 N														
137 N														
138 N	B mix	12	brn	silt + ash	7	24	13	28	N stp	trees	poor	poor	yes	yes
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Rev'd Ass. ??

Line 16W

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N														
99 N					43	54	38	140						
98 N					39	59	45	145						
97 N														
96 N														
95 N														
94 N														
93 N														
92 N														
91 N														
90 N														
89 N														
88 N														
87 N														
86 N														
85 N														
84 N														
83 N														
82 N														
81 N														
80 N														
79 N														
78 N														
77 N														
76 N														

PGW ; Assoc ??

Line 16W

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N					34	30	17	134						
128 N														
129 N														
130 N														
131 N					100	49	33	360						
132 N					36	28	13	50						
133 N														
134 N	H.O													
135 N														
136 N														
137 N														
138 N	H.O frags				47	27	16	47						
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

PEW ; Assoc. ??

Line 16W

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N					32	33	17	120						
101 N														
102 N					105	42	26	160						
103 N														
104 N					37	27	19	61						
105 N		1½												
106 N														
107 N														
108 N														
109 N		n. hrs												
110 N														
111 N														
112 N														
113 N														
114 N					160	50	32	200						
115 N														
116 N														
117 N														
118 N														
119 N					64	24	13	50						
120 N														
121 N					130	51	34	325						
122 N														
123 N														
124 N					15	19	5	40						
125 N					84	20	6	55						

Pew 5/1355C

Line 16W

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N														
99 N														
98 N					46 (68)	62 (110)	48 (94)	270 (355)						
97 N														
96 N														
95 N														
94 N														
93 N														
92 N					32	34	20	165						
91 N														
90 N														
89 N														
88 N														
87 N														
86 N														
85 N														
84 N														
83 N														
82 N														
81 N														
80 N														
79 N														
78 N														
77 N														
76 N														

Rein's Assoc

Line 162W

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N					47	45	28	125						
102 N														
103 N														
104 N														
105 N														
106 N														
107 N														
108 N														
109 N					69	46	32	175						
110 N					32	29	16	77						
111 N														
112 N					180	70	55	365						
113 N					56	35	23	185						
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N					38	40	23	160						
121 N														
122 N														
123 N														
124 N														
125 N														

Penn's Assoc

Line 16W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N					25	23	12	145						
127 N														
128 N														
129 N														
130 N														
131 N														
132 N														
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N					37	28	12	140						
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Eccles + PEW's Assoc

Line 12W

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ecca Present?	Ash Present?
100 N	B	X	8	gry	Silt Loam	31	55	43	225	Sgent	Trees	Fair	Fair	no	no
99 N	B	X	10	"	"	115	66	52	230	Ngent	Willow	poor	"	yes	yes
98 N	B	X	10	"	"	52	35	21	155	"	"	good	good	no	"
97 N	B	X	8	"	"	95	54	42	220	"	"	"	Fair	"	"
96 N	B	X	10	"	"		no res	lts	lost?	"	"	fair	"	"	"
95 N	B	X	14	"	"	24	34	22	125	"	"	"	"	"	"
94 N															
93 N	B	X	12	"	"	16	23	11	60	"	"	poor	"	"	no
92 N	B		6	brn	"	13	34	19	86	"	Trees	good	poor	"	yes
91 N															
90 N															
89 N															
88 N															
87 N															
86 N															
85 N															
84 N															
83 N															
82 N															
81 N															
80 N															
79 N															
78 N															
77 N															
76 N															

35-Δ

P&W 2'A 5300

Line 12W

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N					23	38	27	355						
102 N					77	36	25	285						
103 N					81	61	44	320						
104 N					29	34	20	140						
105 N														
106 N					50	38	24	130						
107 N														
108 N														
109 N														
110 N					35	26	23	175						
111 N														
112 N					130	50	34	315						
113 N														
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N														
121 N														
122 N														
123 N														
124 N														
125 N														

No

Notes

Probably

B

Horizon

mostly

35-A

Eccles (late team)

Line 12W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N	B		8	brn	silt+sand	31	67	51	610	Nmod	Willow	good	good	no	yes
102 N	B		10	"	"	65	38	21	320	"	"	Fair	"	"	"
103 N	B		8	"	"	14	51	33	210	"	"	"	"	"	no
104 N	B		16	"	"	19	36	22	140	"	"	"	"	"	"
105 N															
106 N	B	X	10	dk grey	silt	44	39	23	72	"	"	poor	poor	yes	"
107 N	B	X	20	"	"	—	no results		—	"	"	Fair	good	"	yes
108 N															
109 N															
110 N	B		8	brn	"	—	No results		—	NStp	"	Fair	poor	no	no
111 N															
112 N	B		16	"	"	125	54	37	230	"	"	poor	poor	yes	no
113 N	Bmis		10	"	"	55	38	23	150	"	trees	"	"	"	"
114 N															
115 N															
116 N															
117 N															
118 N															
119 N															
120 N															
121 N															
122 N															
123 N															
124 N															
125 N															

green

61-A

Eccles (late trav)

Line 12 W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N														
128 N	B	16	brn	Silt	54	39	21	290	N stp	trees	poor	poor	yes	no
129 N	A	12	dk gry	silt+ clay	26	41	24	235	N stp	trees	poor	poor	yes	no
130 N														
131 N														
132 N														
133 N	B	10	brn	silt	31	37	25	160	Nmod	trees	fair	Fair	yes	no
134 N														
135 N														
136 N														
137 N														
138 N	B	10	"	"	64	130	110	340	"	"	poor	Fair	"	"
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

61-A

Detr. Ller ? (late thaw)

Purple

Line 12W

Station	Horizon		Depth	color		Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N																
101 N																
102 N																
103 N																
104 N																
105 N																
106 N																
107 N																
108 N																
109 N																
110 N																
111 N																
112 N																
113 N	B	X	18	dk gy		silt	70	35	20	180						
114 N																
115 N																
116 N																
117 N																
118 N																
119 N																
120 N																
121 N																
122 N																
123 N																
124 N																
125 N																

49A

Detwiler Lake transect

Line 12W

Purple

49-A

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N	B	X	15	dk gray	s. lt	45	39	22	295						
129 N															
130 N															
131 N															
132 N	B	X	10	dk gry	s. lt	35	31	16	200						
133 N	B	X	20	dk gry	s. lt	35	33	17	160						
134 N															
135 N															
136 N															
137 N	B	X	12	dk gry	s. lt	61	34	18	240						
138 N	B	X	14	gry	s. lt	110	60	43	280						
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Rew & Assoc

Line 8W

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N														
99 N														
98 N														
97 N														
96 N														
95 N														
94 N														
93 N														
92 N					20	36	25	185						
91 N	no													
90 N		hole												
89 N														
88 N		Pit			56	34	20	125						
87 N														
86 N					26	37	24	140						
85 N					14	19	4	80						
84 N					22	22	7	63						
83 N														
82 N					35	31	16	115						
81 N					20	26	13	69						
80 N														
79 N														
78 N														
77 N														
76 N														

35-A

Eccles

Line 8W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	A+B		8"	grey	silt ash veg	18	15	6	21	N med	trees	Fair	poor	no	yes
101 N															
102 N															
103 N															
104 N															
105 N	B	X	16	grey	silt	32	92	82	>75	"	"	"	"	h	no
106 N															
107 N															
108 N															
109 N	B	X	8	grey	"	50	51	39	190	"	"	"	"	"	"
110 N															
111 N															
112 N															
113 N	B	X	8	grey	"	24	26	16	140	N stp	willow	fair	poor	yes	no
114 N	B		6	brn	silt	1750	42	24	240	"	"	good	"	no	no
115 N															
116 N															
117 N															
118 N															
119 N															
120 N															
121 N															
122 N															
123 N															
124 N															
125 N															

24A

Eccles

Line 8W

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N	A		10	dk grey	S.H					Ngent	trees	good	poor	no	no
135 N															
136 N															
137 N	B	X	8	"	"	130	43	29	200	"	"	"	"	yes	no
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Eccles

Line 8W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?	
100 N																
101 N	B		12	brn	silt	32	41	26	170	Nmod	Willow	good	poor	no	no	rocky
102 N																
103 N																
104 N	B	X	8	grey	silt + sand	110	63	50	260	"	"	fair	fair	"	"	rocky
105 N																
106 N																
107 N																
108 N	B	X	12	dk grey	silt	62	27	15	205	"	trees	poor	"	yes	yes	
109 N																
110 N	B	X	12	"	"	37	36	21	150	"	"	good	poor	"	no	
111 N																
112 N	A		10	"	"	41	32	19	180	"	"	"	"	yes	some	
113 N	B	X	12	"	"	40	40	27	210	"	"	fair	"	no	no	
114 N	B		6	brn	"	450	42	26	390	N stp	"	"	"	"	"	rocky
115 N																
116 N																
117 N																
118 N																
119 N																
120 N	B		14	"	"	65	24	11	110	"	willow	poor	fair	yes	no	
121 N																
122 N																
123 N																
124 N																
125 N																

second ship.

35A

Eccles

Line 8W

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?	
126 N	B	X	12	green-gray	silt trx	29	50	38	285	N & tp	trees	poor	Fair	yes	no	Second ships
127 N	B	X	10	dk gray	"	31	48	36	205	"	"	fair	"	"	"	
128 N	B	X	14	"	"	17	37	25	77	"	"	poor	"	"	yes	
129 N																
130 N																
131 N																
132 N	B	X	10	"	"	18	50	35	195	"	"	"	poor	"	"	
133 N																
134 N	B	X	10	"	silt	150	62	49	300	N mod	"	Fair	good	yes	yes	
135 N																
136 N																
137 N																
138 N																
139 N																
140 N																
141 N																
142 N																
143 N																
144 N																
145 N																
146 N																
147 N																
148 N																
149 N																
150 N																

Eccles

Line 8W

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N															
99 N	B	X	10	grey	silt+str	28	13	9	39	Mgent	willow	fair	Fair	no	some
98 N	B mix		10	"	silt+ash	66	14	2	26	"	"	poor	"	yes	"
97 N															
96 N	B		8	brn	silt	27	55	43	110	"	"	good	poor	no	yes
95 N	B		8	"	silt+str	8	18	8	23	"	"	"	"	"	"
94 N	B		6	"	"					"	"	"	good	"	"
93 N	B		6	"	"					Sgent	"	"	fair	"	no
92 N	B		12	"	"					"	"	"	"	"	yes
91 N															
90 N															
89 N	A		12	blk	silt	56	23	9	63	Mgent	"	poor	poor	yes	no
88 N															
87 N	B mix		10	brn	silt+org	19	20	9	25	"	"	poor	"	yes	"
86 N	B		4	"	silt+str					Sgent	"	good	"	no	"
85 N	B		10	"	"					"	"	"	"	"	yes
84 N	B	X	16	grey	"	37	26	8	70	"	trees	poor	Good	"	"
83 N	B	X	10	"	"	17	28	14	83	"	"	"	"	"	"
82 N	B	X	12	"	"	27	32	16	120	"	"	"	"	"	"
81 N	A		16	blk	silt	35	26	13	74	"	"	"	poor	"	"
80 N	A		20	blk	silt	35	25	10	56	"	"	"	"	yes	yes
79 N															
78 N															
77 N															
76 N															

35A

Eccles (Kate Trail)

Line 8W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N	B		6	brn	s.lt	30	45	36	120	Nmod	willow	fair	fair	no	yes
102 N															
103 N															
104 N	B		12	"	"	80	79	63	290	"	"	poor	"	yes	no
105 N															
106 N															
107 N						43	29	11	86						
108 N															
109 N															
110 N						57	40	26	135						
111 N															
112 N															
113 N	B		12	"	"	39	51	33	180	Nstp	trees	"	"	"	yes
114 N															
115 N															
116 N															
117 N															
118 N															
119 N															
120 N															
121 N															
122 N															
123 N															
124 N	B	X	20	grey	s.lt	16	42	25	240	"	"	"	"	"	"
125 N															

61A
p4

Creeks (late Fall)

Line 8W

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B	X	12	grey	silt	36	59	45	300	N steep	trees	poor	fair	yes	no
127 N															
128 N															
129 N															
130 N															
131 N															
132 N	B	X	12	grey	"	22	60	45	165	h	"	"	"	"	yes
133 N															
134 N	B		10	brn	silt+sand	130	68	51	270	N Med	"	good	good	"	"
135 N															
136 N	B		12	"	"	65	62	42	290	"	"	poor	good	"	"
137 N	B		10	"	silt	63	46	29	180	"	"	fair	"	"	"
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

GAPS

Geeles (late trip)

Line 8W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N															
105 N															
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N															
113 N			broad	low	slope	down									
114 N															
115 N	A		24	brn	silt+org	81	14	8	46						
116 N	B		16	"	silt+org	160	81	68	150						
117 N															
118 N	A		12	"	silt+org	120	25	18	61						
119 N	A		16	"	"	120	28	18	30						
120 N															
121 N	A		13	"	"	16	18	11	30						
122 N	A		12	blk	silt+org	38	55	41	255						
123 N	A		16	"	"	22	25	10	115						
124 N	B	X	16	gry	"	14	34	16	230						
125 N															

Geeks Lake Area

Line SW

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N														
128 N	A	20	blk	silt+sx	26	79	57	340						
129 N	A	16	blk	silt+vg	42	44	28	285						
130 N	A	16	"	"	30	35	20	240						
131 N	A	16	"	"	38	39	24	170						
132 N														
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

early traverse
Detwiler

Line 4W

Red Rpt 24A

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	B	11"	med brn	sand + clay	38	16	6	76	NW gentle	moss shrubs + few trees	Fair	Fair		
101 N	B	10	dk brn	Sand	30	15	4	33	"		Fair	poor		Some in Sample
102 N	B	14	"	"	44	25	14	85	"		very poor	none		
103 N	B	12	"	"	45	28	17	85	"		Fair	poor		
104 N	B(?)	14	"	Sand + clay	295	55	40	430	Flat		poor	none		
105 N	A	9	"	"							poor	poor		
106 N	B(?)	12	black	"							Fair	good		
107 N	A	10	black	sand + ash							Fair	Fair		Some ash in sample
108 N	B	12	med brn	Sand + clay	21	35	22	175			Fair	good		
109 N	B	10	lt brn	sand	25	67	56	200			good	none		Some in sample
110 N	A	9	black	sand + ash							Fair	Fair		"
111 N	B	8	lt brn	Sand + gravel	690	375	360	9800		none cat tracks	good	none		
112 N	B	6	lt brn	Sand + gravel	1150	470	460	13200			good	"		
113 N	B	10"	med brn	sand + gravel	510	260	245	4400	NW steep		good	"		
114 N	B	12"	lt brn	Sand	25	16	8	59	NW gentle	moss shrubs + few trees	good	Fair		Some in sample
115 N	A	10"	black	organic					"		good	none		
116 N	B(?)	12"	grey	sand + grav.	48	28	15	79	"		good	poor	—	—
117 N	B	10"	grey	Sand + gravel	76	53	37	320	"		"	poor		
118 N	B	12	lt brn	Sand	22	48	32	21	"		"	very good		
119 N	B	12	"	"	14	20	9	44	"		"	good		
120 N	B	12"	lt-med brn	Sand + clay	26	22	11	63	NW steep		"	Fair		Some in Sample
121 N	B	14	med br	"	26	24	15	55	"		Fair	poor		
122 N	A	8	black	Sandy					"		"	none		
123 N	B	12	med brn	Sand	20	28	14	84	"		good	poor		
124 N	B	14	light-med brn	"	30	24	13	110	"		good	Fair		Some in sample
125 N	B	13	med brn	"	16	22	10	92	NW gentle		Fair	poor		

Line 4W

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B	12	med br	sand + clay	14	52	42	150	NW gentle	moss shrubs + trees	Fair	good		
127 N	B	16		sand	22	80	71	78	NW steep		good	fair		
128 N	A	14	lt br	organic sandy					"		Fair	none		
129 N	A	10	black	organic sandy					"		Fair	poor		
130 N	B	10	lt - med br	sand + gravel	25	270	255	340	"		good	good		
131 N	A	11	black	sand + organic					"		Fair	none		
132 N	B	14	med br	sand + rocks	26	61	50	81	"		Fair	good		
133 N	A	8	black	sand					"		good	none		
134 N	B	10	med br	"	23	28	18	160	"		Fair	poor		
135 N	A	8	black	"					NW gentle		Fair	none		
136 N	B	13	med br	"	35	30	17	75	"		poor	poor		
137 N	B	11	"	"	24	28	12	72	"		Fair	none	8" deep	
138 N	B	9	dk brn	"	32	25	17	74	"		"	poor		some in sample
139 N	A	12	white	Ash					"		"	good		
140 N	B	18	gray	sand	24	31	19	125	"		good	poor		
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

14" moss

later traverse
Defaulter

Black
Sept 35 A
19 21-22

Line 4W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	B	X	16	grey brn	silt	33	33	18	110	N very gentle	moss shrubs	poor	fair	little	3"
101 N	A		10	black	"					"	"	"	"	yes	2"
102 N	A		12	"	"					"	"	"	"	"	"
103 N	A		11	"	"					"	"	fair	poor	"	1"
104 N	A		9	"	"					"	"	fair	poor	"	frozen
105 N	A		8	"	"					"	"	poor	Fair	" water on top	2"
106 N	B(?)		20	dk brn	"	48	34	20	155	"	"	fair	Fair	at 20" in B hor	4"
107 N	B		10"	Lt brn	"	17	39	22	240	5 very gentle	"	good	good	none	2"
108 N	B		8	Lt brn	"	30	65	49	345	"	"	good	good	none	2"
109 N	cat track			no sample											
110 N	B		12	med brn	silt	23	30	19	225	5 gentle	moss & shrubs	good	good	no	4"
111 N	no sample			- trench											
112 N															
113 N															
114 N				rock											
115 N															
116 N	B		10	Lt brn	gravel	77	37	27	89	N gentle	moss/ shrubs	good	fair	very little	1"
117 N	B		8	med brn	silt	14.0	84	67	325	"	"	"	"	"	½"
118 N	B		10	Lt brn	silt	21	48	33	195	"	"	"	good	no	1"
119 N	B		13	Lt brn	silt	23	33	20	135	"	"	"	fair	no	1½"
120 N	A		16	black	silt					north med	moss trees	poor	fair	yes	yes frozen
121 N	no sample			- permafrost						steep N slope	thick moss		?	yes	yes frozen
122 N															
123 N															
124 N															
125 N															

Line 4W

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
126 N	B	22"	med br	Slt	12	27	16	110	N flat	moss & trees	fair	good	ice 18" down	3" some in sample
127 N	no	samples	+	holes 8-16"	deep	hit	Frozen	ash	- gentle	to flat	slopes			
128 N														
129 N														
130 N														
131 N														
132 N														
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N	B	26"	grey	Slt	13	23	14	105	flat	moss & trees	good	poor	none	Some ash in sample
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Rpt 35 pg 22

Detailer 2nd

Line 4W

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?	
100 N	B	X	16	grey dk brn	silt	39	33	20	125	Nagent	Moss + few trees	very poor	Fair	16"	1"	
99 N	A		20	blk	"		NS					fair	poor	none	v. little	
98 N	B	X	15	"	"	27	18	6	25			"	Fair	none	2"	hitex
97 N	B	X	15	dk brn-blk	"	61	19	10	36			"	"	"	1½"	"
96 N	B		20	dk brn	"	38	13	3	18			"	poor	"	1½"	"
95 N	A		15	blk			NS					very poor	none	15"	none	
94 N	A		15	"			NS					poor	poor	15"	few	
93 N	A		20	"			NS					very poor	none	none	none	hitex
92 N	B		24	dk brn	silt	46	20	8	115			good	poor	"	½"	"
91 N	A		14	blk	silt with		NS					"	Fair	"	½"	"
90 N	B	X	12	dk blk	silt		NS					"	"	"	2"	"
89 N	B		8	dk brn	silt very	28	34	21	100	V		"	poor	"	3"	"
88 N	B		6	dk brn	varied lt gray	35	42	22	105	Wagent		"	"	"	1"	
87 N	B		12	dk brn	silt	21	28	17	120			"	"	"	3"	
86 N	A		14	blk	silt		NS					very poor	poor	14"	very little	
85 N	A		16	blk	silt		NS					"	"	16"	"	
84 N	A		13	blk	silt	79	24	10	105			fair	Fair	none	½"	hitex
83 N	B		17	dk brn	silt with	37	19	2	110	V		good	good	"	3"	"
82 N	B		20	dk brn	silt	20	14	5	63	Sagent		"	Fair	"	2"	"
81 N	B	X	27	blk	silt	47	18	6	81	"		fair	poor	"	1"	
80 N	B		20	dk brn	silt	43	20	10	83	"		fair	poor	"	v. little	
79 N																
78 N	B	X	20	blk	silt	29	20	10	74	SW gent	Moss ✓ Shrubs then	fair	good	20"	3" layer	
77 N	A		18	blk	"	33	16	5	91	"	"	"	none	18"	none	
76 N	A		12	blk	"	46	20	8	115	"	"	"	"	12"	none	

Pew & Associates

Line 4W

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N														
99 N														
98 N														
97 N														
96 N														
95 N														
94 N														
93 N														
92 N														
91 N														
90 N														
89 N														
88 N					34	35	18	63						
87 N		No notes			27	49	34	240						
86 N					36	21	8	58						
85 N					27	21	8	76						
84 N					58	24	10	82						
83 N					33	21	8	93						
82 N					32	18	6	67						
81 N					50	18	4	63						
80 N														
79 N														
78 N														
77 N														
76 N														

Detweiler

Line 00W

Station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Eca Present?	Ash Present?
100 N														
99 N														
98 N	A	12	blk	s. lt	34	11	2	42	N gent	mass thicket	Fair	good	12"	2"
97 N	B	14	dk brn	s. lt					"	"	v. poor	Fair	none	½"
96 N	A	12	blk	s. lt + fix					"	"	Fair	poor	"	none
95 N														
94 N	B	12	med brn	s. lt + gravel	69	30	17	145	"	"	good	Fair	none	1"
93 N														
92 N	B	14	dk brn	"	89	37	18	165	"	"	Fair	good	none	2"
91 N	B	20	lt brn	"	27	59	49	195	N flat	"	good	poor	"	none
~~90 N~~	A	20	blk	s. lt					"	"	Fair	none	rock	
~~89 N~~	A	20	"	"					"	"	V. poor	none	rock	
88 N	A	22	"	"	22	14	2	28	N gent	"	Fair	poor	rock	
87 N														
86 N	B	18	dk brn	"	60	35	21	145	"	"	V poor	Fair	none	1/4"
85 N														
84 N	B	18	lt brn	s. lt + gravel	31	75	64	340	F lt	mass shrubs	good	good	none	½"
83 N	B	20	"	"	49	86	70	395	"	"	"	Fair	"	none
82 N					73	160	145	730						
81 N	B	12	"	"					N flat	"	"	"	none	V. 1/4"
80 N	B	10	med brn	s. lt	87	72	59	445	"	"	V poor	poor	"	1/4" in samp
79 N	B	8	lt brn	"	7	21	12	78	"	"	good	good	"	½" lay
78 N	B	12	med brn	"	29	75	62	630	S very gent	"	Fair	good	"	2"
77 N														
76 N														

35A
pl

Detweiller

Line 00W

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	B		12	dk brn	silt	440	16	8	125	N gent	moss + trees	Fair	good	no	3"
101 N															
102 N	B		14	"	"	170	43	32	115	N stp	moss + trees shrubs	very poor	none	none	none
103 N															
104 N	B		20	"	"	75	26	14	345	"	"	poor	"	"	very little
105 N															
106 N	A		24	blk	"	51	24	11	57	NE stp	"	poor	poor	none	none
107 N															
108 N															
109 N	B	X	28"	grey	silt + rock	87	46	35	225	"	"	poor	good	none	1"
110 N	B	X	24	dk grey	gravel	73	34	19	310	"	"	Fair	"	"	2"
111 N															
112 N															
113 N	B	X	20	"	silt + gravel	22	60	51	230	"	"	poor	poor	"	very little
114 N	B	X	26	"	"	29	73	61	230	"	"	"	none	"	none
115 N															
116 N	B		20	med brn	"	125	27	17	150	"	"	"	poor	"	very little
117 N	B	X	28	grey	silt	300	160	47	445	"	"	Fair	Fair	none	1"
118 N	B	X	18	"	silt + grav.	140	57	45	200	NE Mod	"	Fair	poor	none	very little
119 N	B		20	lt brn	"	26	60	35	130	NE gent	"	Fair	good	"	2"
120 N															
121 N															
122 N	B	X	24	grey	silt	12	160	150	31	N mod	"	"	none	Yes 28" deep	none
123 N															
124 N															
125 N															

Detrital

Line 00W

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N															
135 N															
136 N															
137 N															
138 N	B	X	20	grey	silt					N flat	moss shrubs trees	poor	poor	20" deep	x little
139 N	B	X	10	"	silt + ash					"	"	very poor	"	10" deep	"
140 N															
141 N															
142 N															
143 N	B		18	med brn	silt	140	120	107	570	"	"	fair	none	18" deep	none
144 N	B	X	20	grey	silt + gravel	40	26	14	235	"	"	good	good	none	3"
145 N	B	X	>2	dk grey	silt	155	26	13	110	"	"	fair	fair	"	1/2"
146 N	B	X	20	grey	sand + gravel	82	60	46	560	"	"	V poor	poor	"	none
147 N															
148 N	B	X	16	dk grey	"	70	52	38	440	"	"	poor	"	"	"
149 N															
150 N	B	X	18	grey	clay	40	26	9	170	"	"	fair	good	"	1"

Eccles

Line OE

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	A		8	blk	s.lt	840	29	15	205	N stp	willow	fair	poor	yes	Some
101 N	B	XX	12	grey	s.lt+org	86	15	7	64	"	"	poor	"	"	"
102 N	Bmix		10	"	"	200	43	29	385	"	"	"	"	"	no
103 N															
104 N	Bmix		10	"	"	75	27	16	245	"	"	"	"	"	"
105 N															
106 N	Bmix		10	"	"	58	29	17	71	"	"	"	"	"	"
107 N															
108 N															
109 N	B	X	16	"	s.lt+rx	70	45	30	230	"	"	fair	fair	"	"
110 N	B	X	10	grey	s.lt	110	32	20	380	"	willow	poor	Fair	No	No
111 N															
112 N	B	X	14	"	"	27	44	31	200	"	"	poor	Fair	yes	"
113 N	B	X	12	"	"	20	79	67	220	"	"	fair	fair	no	no
114 N	B	X	10	"	"	400	170	154	430	NE stp	Trees	Fair	poor	"	"
115 N	Bmix		16	"	s.lt+org	29	75	63	190	"	"	poor	poor	yes	no
116 N	B		10	brn	s.lt+rx	23	22	14	67	"	"	Fair	Fair	no	"
117 N	B	X	24	grnish grey	"	110	26	17	100	S stp	"	good	good	no	yes
118 N	B	X	14	"	"	110	64	49	230	"	"	Fair	Fair	no	no
119 N	B	X	16	"	"	31	82	68	160	"	"	Fair	fair	no	some
120 N															
121 N	A		22	blk	s.lt	44	41	31	55	N stp	"	poor	poor	yes	some
122 N	B	X	14	grey	"	11	100	92	24	"	"	fair	fair	no	no
123 N	Bmix		6	"	s.lt+org	7	30	24	18	"	"	poor	poor	yes	some
124 N															
125 N															

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Eccles

Line OE

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N	B	XX	12	grey	silt + sand	17	60	48	245	N med	trees	poor	Fair	yes	some
132 N															
133 N															
134 N															
135 N	A		26	blk	silt	43	35	22	180	N gen flat	"	"	"	"	yes
136 N															
137 N										"	"	fair	poor	"	no
138 N	B	XX	16	dk grey	"	65	39	24	340	"	"	"	"	"	"
139 N	B	X	10	dk grey	"	40	21	12	120	"	"	"	"	"	"
140 N															
141 N															
142 N															
143 N	B	X	10	dk grey	"	145	81	67	830	"	"	"	"	"	"
144 N	B	X	18	dk grey	silt + sand	53	25	9	250	"	"	"	good	No	yes
145 N	B	X	16	dk grey	silt	310	26	9	190	"	"	"	Fair	"	no
146 N	B	X	16	grey	silt + x	115	74	58	550	"	"	poor	"	"	"
147 N	B	X	16	grey	"	63	55	42	420	flat	"	"	"	"	"
148 N	B	X	8	grey	"	75	64	50	500	flat	"	"	"	yes	"
149 N															
150 N	B	X	12	grey	clay	36	29	13	170	flat	"	"	good	yes	"

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PJ 2

Eccles

Line OE

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
76 N	B	X	8	grey	si. lo	30	51	44	210	5 stp	willow	fair	good	no	yes
75 N															
74 N															
73 N	B	X	16	grey	si. lo	51	82	67	390	5 stp	willow	poor	fair	no	yes
72 N															
71 N	A		12	blk	si. lt	170	62	44	320	5 stp	trees	poor	poor	yes	no
70 N	B	X	16	grey	clay	160	110	95	460	5 stp	trees	poor	fair	no	some
69 N															
68 N															
67 N															
66 N															
65 N															
64 N															
63 N															
62 N															
61 N															
60 N															
59 N															
58 N															
57 N															

Eccles (Lake trail)

Line OE

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N														
128 N														
129 N														
130 N	A	4	blk	veg	23	31	17	120						
131 N														
132 N	A	14	blk	veg	36	46	33	250						
133 N														
134 N														
135 N	~Bw-ck	14	slope	-										
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

P&W Assoc

Line 00

Station	Horizon	depth	Color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea Present?	Ast Present?
100 N														
99 N														
98 N														
97 N					54	37	24	115						
96 N														
95 N														
94 N														
93 N														
92 N														
91 N					27	56	42	195						
90 N					16	22	6	19						
89 N					39	18	4	66						
88 N					32	31	16	155						
87 N														
86 N					54	32	14	170						
85 N														
84 N					20	36	22	250						
83 N					55	130	113	510						
82 N					120	20	7	130						
81 N					23	33	22	230						
80 N					56	87	72	425						
79 N														
78 N														
77 N														
76 N														

No Notes

Pew & Assoc.

Line 00

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N														
102 N														
103 N														
104 N														
105 N														
106 N														
107 N														
108 N														
109 N														
110 N	no													
111 N														
112 N	notes													
113 N														
114 N														
115 N														
116 N														
117 N					245	150	134	460						
118 N														
119 N														
120 N														
121 N					49	44	34	42						
122 N														
123 N														
124 N														
125 N														

PbW & Asso.

Line 00

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N														
128 N														
129 N														
130 N														
131 N														
132 N														
133 N														
134 N	V10													
135 N														
136 N	Mats													
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N					44	29	15	260						
145 N														
146 N					88	80	65	510						
147 N					50	53	41	345						
148 N														
149 N														
150 N														

Eccles 2nd shippment.

Line 4E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ecr Present?	Ash Present?
100 N															
99 N	B	X	12.	grey	clay	13	19	11	28	N gent	willow	Fair	good	no	yes
98 N															
97 N	B	X	10	"	silt	84	65	50	320	"	"	"	poor	yes	some
96 N															
95 N															
94 N	A		20	Blk	"	57	22	11	410	N med	"	"	"	"	no
93 N															
92 N															
91 N															
90 N	A		14	"	"	55	30	14	130	"	willow	Fair	poor	yes	no
89 N	B	○	14	brn	silt clay	65	52	35	430	"	"	good	"	no	"
88 N	B	○	4	"	"	21	61	43	400	"	"	"	"	"	"
87 N	B	X	14	dk grey	"	48	46	30	310	"	"	poor	"	yes	"
86 N															
85 N	B	○	4	brn	"	27	51	35	450	"	"	good	"	no	"
84 N	B	○	4	"	"	40	87	73	1000	S med	"	"	"	"	"
83 N															
82 N															
81 N	B	○	18	brn	silt	11	41	29	150	"	"	Fair	good	"	yes
80 N	B	○	8	"	"	17	34	23	125	"	"	"	"	"	"
79 N	B	○	6	"	"	31	65	53	220	"	"	"	"	"	"
78 N	B	○	6	"	"	21	33	19	325	"	"	"	"	"	"
77 N	B	○	6	"	"	13	42	31	160	"	"	"	"	"	"
76 N	B	○	0	"	"	14	24	15	170	"	"	"	"	"	"

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Eccles 2nd

Line 4E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N	B	0	6"	brn	sil	341	53	39	320	Smod	willow	fair	good	no	yes
74 N	B	0	6	"	"	16	28	16	160	"	"	"	"	"	"
73 N															
72 N	B	0	8	"	"	11	22	8	72	"	"	good	poor	"	yes
71 N															
70 N	B	0	6	"	"	15	42	27	100	"	"	"	good	"	"
69 N	B	0	6	"	"	56	78	62	340	"	"	"	"	"	"
68 N	B	X	6	dk gry	"	110	49	36	330	"	trees	"	"	"	"
67 N															
66 N	A		12	"	sil + x	16	19	7	64	"	"	"	poor	"	no
65 N						9	23	11	64						
64 N															
63 N	B	X	8	"	"	14	43	31	115	"	"	"	"	"	"
62 N															
61 N															
60 N															
59 N															
58 N															
57 N															

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P3

( ) + Prev'ssx ? Defunkt 2nd shipment

Line 4E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	A		12	blk	silt	—	NS	—		N grad	moss + trees	v. poor	none	12"	none
101 N															
102 N	B		10	m. br	"	62	25	14	105	NE stp.	"	v. poor	poor	10"	v little
103 N	A		14	blk	"	74	19	11	47	"	"	poor	none	14"	none
104 N	B	X	14	grey brn	sand grav	180	19	7	110	"	"	poor	poor	none	v little
105 N															
106 N	A		10	blk	"	73	23	14	50	"	"	poor	none	10"	none
107 N	B		20	m. brn	sand grav	71	32	23	110	"	"	"	poor	none	3" thick
108 N	B		16	lt brn	"	195	28	14	240	"	"	Fair	none	"	none
109 N															
110 N						(58	45	29	150)						
111 N															
112 N															
113 N															
114 N	B	X	20	grey	silt	44	46	35	185	"	"	good	poor	20"	1" layer
115 N															
116 N	B	X	24	"	"	68	56	43	200	"	"	poor	v. poor	24"	½" layer
117 N	A		26	black	"	47	42	31	640	N stp	"	poor	Fair	26"	1" ash
118 N	A		20	"	"	41	36	27	76	"	"	"	poor	20"	2" thick
119 N															
120 N															
121 N	B		16	dk brn	"	38	44	33	120	NE stp	"	Fair	poor	18"	2"
122 N															
123 N															
124 N															
125 N	B	X	18	grey black	"	12	13	4	30	N med	"	fair	Fair	16"	1" thick

( ) Supply Assay

detailed 2nd

Line 45

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?	
126 N																
127 N	B		14	med brn	silt + gravel	14	18	9	60	N med	moss+bes	poor	Fair	16"	2" layer	
128 N																
129 N																
130 N																
131 N																
132 N																
133 N																
134 N	B		12	dk brn	silt	47	53	43	130	N gent		good	"	13"	1" layer	
135 N	B		10	lt brn	silt		— NS —					"	none	none	none	
136 N	B		6	"	sandy gravel	19	56	44	290			"	"	"	"	beside stream
137 N																
138 N																
139 N																
140 N						(100	60	50	300)							
141 N	B		12	"	silt + gravel	(70	53	36	260)			v. poor	none	"	"	beside stream
142 N																
143 N	B		14	"	"	(19	26	15	110)			good	good	none	2½" layer	
144 N	B	X	20	gray	"	19	19	7	73			poor	"	none	4" layer	
145 N	B	X	24	blk	silt	30	13	2	24			fair	"	24"	6" layer	
146 N	B		28	dk brn	"	9	14	2	13			poor	"	28"	2½" "	
147 N	B	X	24	blk	"	13	12	3	18			poor	"	24"	3" "	
148 N																
149 N	B	X	16	blk	"	52	36	27	340			very poor	none	16"	none	
150 N	B	X	20	gray-dk brn	"	44	53	41	280			poor	poor	20"	½" layer	beside stream

Eades (Lake trail)

Line 4E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N														
102 N														
103 N														
104 N														
105 N														
106 N														
107 N														
108 N														
109 N														
110 N														
111 N														
112 N														
113 N														
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N	A	16	blk	si H	37	43	29	78						
121 N														
122 N														
123 N	A	12	blk	si H	71	63	46	150						
124 N	B	12	brn	si H, x	33	86	26	145						
125 N														

Ref HG1-A p2

Eagles (Late Flow)

Line 45

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B	16	brn	silt+rx	19	40	25	195						
127 N														
128 N														
129 N														
130 N	A	12	brn	veg	12	22	8	53						
131 N														
132 N	A	10	brn	veg	12	34	12	30						
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

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P2

Eaclos (late frew)

Line 45

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
1410	B	X	20	grey	silt	73	51	32	175						
126 N															
127 N	B		12	brn	silt fine	25	27	10	135						
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N															
135 N	B		8	"	"	140	86	67	530						
136 N	B		8	"	"	155	78	59	530						
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Reptiqa
pg 1

Eccles First Shipment

Line 8E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?	
75 N																
74 N																
73 N	A		12	grey blk	ash/org					Uniform	trees	poor	good			
72 N	A		8	grey	ash					"	willow	good	"			
71 N	B	X	10	blk	org	28	43	31	140	"	"	good	"			
70 N	A		10	"	org					"	"	poor	Fair			
69 N	A		10	grey	ash					Smod	"	good	good			
68 N	A		12	"	"					"	"	good	"			
67 N	B		10	brn	clay/ash	37	30	19	140	"	"	Fair	"			
66 N	A		8	"	org					level	Trees	poor	Fair			at base of A
65 N	B		10	lt brn	clay org	18	49	36	72	"	"	Fair	good			
64 N	B		10	"	"	23	89	72	200	Smod	"	good	"			
63 N	A		12	brn	org					"	"	Fair	Fair			top of A
62 N	B		16	lt brn	clay/org	20	37	24	180	"	"	poor	good			
61 N	A		8	grey	ash					Sstp	"	Fair	"			
60 N	B		16	lt brn	clay/org	16	29	14	150	"	"	Fair	"			
59 N																
58 N																
57 N																

Line 8E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N														
99 N														
98 N	A	12	blk	silt	150	36	24	345	S stp	willow	poor	poor	no	yes
97 N														
96 N														
95 N	B	10	brn	silt trx	44	27	13	310	"	"	fair	"		above yes
94 N	B	14	"	"	33	36	28	390	"	"	"	fair		yes
93 N	A	12	blk	silt	120	31	13	140	"	"	good	good		some
92 N	B	8	brn	silt trx	28	73	57	400	"	"	"	"		no
91 N	B	10	"	"	16	25	8	155	N stp		fair	good		yes
90 N	B	8	dk grey	"	44	27	13	230	"		"	"		no
89 N	A	10	blk	silt	75	44	28	130	"		"	"		
88 N	B	14	dk grey	"	90	155	139	525	"		"	"		
87 N	B	8	brn	silt trx	120	305	287	1400	"	willow	"	"		
86 N	B	1	"	"	165	120	84	630	"	trees	good	"		
85 N	B	1	"	"	31	54	15	345	"	"	"	"		
84 N	B	1	"	"	195	93	64	855	S stp		"	"		
83 N	B	8	"	silt	36	84	68	375	S gent	"	fair	"		
82 N	B	12	"	"	52	62	47	540	"	"	"	poor		yes
81 N	B	8	"	"	47	150	134	565	"	"	good	fair		
80 N	B	10	"	"	64	110	97	595	"	"	good	"		
79 N														
78 N	B	12	dk brn	silt trx	83	54	40	270	"	"	poor	poor		
77 N														
76 N														

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P5

Feet's 2nd

Line 8E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N															
74 N	B	X	12	green gray	silt+rx	58	55	41	305	sgent	trees	Fair	good	no	yes
73 N															
72 N	B		10	brn	"	22	48	32	140	sgent	"	good	poor	"	"
71 N	B	X	10	green gray	silt	52	58	42	205	ssh	"	good	Fair	"	"
70 N															
69 N															
68 N	B		14	brn	"	46	54	41	150	S sh	"	poor	good	"	"
67 N															
66 N															
65 N															
64 N															
63 N															
62 N															
61 N	B		12	"	"	16	27	8	44	S sh	"	Fair	good	"	"
60 N															
59 N															
58 N															
57 N															

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PS

Eccles 2nd

Line 85

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	B		14	brn	silt+sx	52	18	7	61			poor			
101 N															
102 N															
103 N															
104 N															
105 N	B		12	"	"	490	32	14	185			poor			
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N															
113 N	B	X	8	lk gry	"	330	130	114	985			Fair			
114 N															
115 N															
116 N															
117 N	B	X	8	"	"	76	130	117	380			fair			
118 N															
119 N															
120 N															
121 N															
122 N															
123 N	B	X	10	"	"	74	89	74	300			good			
124 N															
125 N															

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P5

Eccles 2nd

Line 8E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B	X	6	grey	silt+rx	27	81	67	355			Fair			
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N															
135 N															
136 N															
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N	B		10	brn	silt	42	110	96	495			good			
144 N	B	X	8	dk grey	silt+sand	23	18	8	78			Fair			
145 N															
146 N															
147 N															
148 N															
149 N	B	X	6	dk grey	"	55	35	22	245			Fair			
150 N															

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PS

Eccles 2nd

Line 8E

station	Horizon		depth	color		texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N																
74 N	B		10	brn		s.lt.brx	29	40	29	210						
73 N																
72 N	B	X	12	grey		"	24	23	14	46						
71 N	B	X	10	"		s.lt	29	40	27	120						
70 N																
69 N																
68 N	B	X	12	"		"	24	49	34	63						
67 N																
66 N																
65 N																
64 N																
63 N																
62 N	B		10	brn		"	13	25	11	64						
61 N	B		1	"		"	8	25	11	38						
60 N																
59 N																
58 N																
57 N																

35Δ
pl

Eccles 2nd

Line 8E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Fe a Present?	Ash Present?
100 N														
99 N														
98 N														
97 N														
96 N														
95 N														
94 N														
93 N														
92 N														
91 N														
90 N														
89 N														
88 N														
87 N														
86 N														
85 N														
84 N														
83 N														
82 N														
81 N														
80 N														
79 N														
78 N	B	16	brn	s.H	41	37	24	140						
77 N	A	20	blk	s.H	84	37	26	135						
76 N														

35th
PL

Eccles 2nd

Line 8E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N			rock + peat		no samples										
101 N															
102 N															
103 N															
104 N															
105 N															
106 N															
107 N															
108 N															
109 N															
110 N	B		16	brn	silt loam	89	62	50	280						
111 N															
112 N	B		12	"	"	78	60	48	160						
113 N															
114 N															
115 N															
116 N															
117 N	B	X	20	blk	"	36	57	47	150						
118 N	B	X	10	"	"	28	52	45	120						
119 N	B	X	10	"	"	26	37	27	100						
120 N															
121 N															
122 N															
123 N															
124 N															
125 N															

35Δ
P4

Eccles 2nd

Line 8E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
126 N															
127 N	B	X	8	grey	s. l. fr gr	9	34	23	130						
128 N															
129 N	B	X	6	"	"	7	15	5	49						
130 N															
131 N															
132 N															
133 N	B	X	12	"	s. l.	60	40	28	120						
134 N	B	X	8	"	"	43	38	23	145						
135 N															
136 N	B	X	19	"	s. l. fr gr	31	41	31	140						
137 N															
138 N															
139 N															
140 N															
141 N															
142 N	B	X	8	brn	s. l.	22	53	45	230						
143 N	B	X	12	brn	s. l.	20	17	10	45						
144 N															
145 N	B	X	12	grey	s. l. fr gr	9	20	8	39						
146 N															
147 N															
148 N	B	X	10	grey	"	34	31	21	150						
149 N															
150 N															

<- to S (Lake Gulch)

Line 8E

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
126 N														
127 N														
128 N														
129 N	bulk	in	slope											
130 N	B	16	brn	silt loam	75	58	42	335						
131 N	B	16	"	"	96	44	27	260						
132 N	A	12	"	silt	64	54	38	400						
133 N														
134 N														
135 N														
136 N														
137 N														
138 N	A	6	blk	silt	18	16	7	29						
139 N														
140 N	A	12	gray	"	73	73	59	330						
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Keefer
GIA-p2

Geeks (lake ship)

Line 8E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N	A	12	blk	silt + ash	160	24	10	37						
102 N	B	10	brn	silt + x	56	29	15	71						
103 N	A	12	brn	silt	38	13	2	21						
104 N	A	16	"	silt + x	104	35	18	15						
105 N														
106 N														
107 N														
108 N														
109 N														
110 N														
111 N														
112 N														
113 N														
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N	A	10	blk	silt	30	54	40	79						
121 N														
122 N	A	12	"	"	47	65	46	190						
123 N														
124 N														
125 N														

Pkg 61A p2

Eckfeldt (Talkington)

Line 8E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N															
105 N															
106 N															
107 N	B		24	b-r	silt sand	140	15	2	52						
108 N															
109 N															
110 N	B		16	"	"	230	155	135	550						
111 N															
112 N															
113 N	B		12	"	"	320	88	71	1400						
114 N	B		12	"	"	235	125	105	1950						
115 N															
116 N															
117 N	B		16	"	"	73	86	68	290						
118 N															
119 N															
120 N															
121 N															
122 N															
123 N															
124 N															
125 N	B	X	10	gry	"	37	76	59	375						

Rept 491
p 1

Eccles (left bank)

Line 8E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N	B	X	8	grey	s.H	18	35	17	170						
130 N															
131 N															
132 N															
133 N															
134 N															
135 N															
136 N	B		12	brn	s.H	Cu	54	36	370						
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Pb 149 Δ
pl

Feels 2nd sample

Line 12E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N															
99 N															
98 N															
97 N						160	155	138	295						
96 N															
95 N	B		12	brn	silt+sr	42	92	80	220	N stp	Willow	good	poor	no	Some
94 N	B		8	"	"	61	145	131	255	"			"		no
93 N	B		6	"	"	15	86	72	175	"			"		Some
92 N	B	X	8	dk gry	"	60	205	192	210	"			"		
91 N	B		10	brn	"	31	84	69	400	"			good		
90 N	B		6	"	"	13	37	26	175	"			Fair		
89 N	B	X	12	dk gry	"	34	31	21	160	"			"		
88 N	B	X	8	"	"	105	210	192	740	"		V	"		V
87 N															
86 N	B	X	6	"	"	62	220	204	525	"		Fair	poor		no
85 N															
84 N	B	X	8	"	"	11	46	34	80	"			good		yes
83 N	B		8	brn	"	45	73	58	660	S stp			"		"
82 N	B		10	"	"	15	31	18	285	"			"		"
81 N	B		6	"	"	26	47	32	595	"			poor		no
80 N	B		8	"	"	15	36	21	155	"			Fair		"
79 N	B		6	"	silt	33	33	16	415	S mod					yes
78 N	B		8	"	"	28	33	17	570	"					
77 N	B		8	"	"	34	44	31	345	"					
76 N	B		10	"	"	33	64	52	395	"	V	V	V	V	V

35A
pf

Eccles 2nd

Line 12E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N	B	8	brn	silt	38	41	26	310	smooth	conifer	Fair	Fair	no	yes
74 N														
73 N														
72 N														
71 N														
70 N														
69 N	B	6	"	"	41	89	73	250	"	trees	Fair	Fair	no	yes
68 N	B	2	"	"	44	73	59	210	"	"	good	poor		no
67 N	B	2	"	"	12	36	20	56	"	"	"	"		no
66 N	B	8	"	"	14	36	22	67	"	"	poor	"		Some
65 N	B	12	"	"	16	27	14	130	"	"	good	good	✓	Some
64 N	B	6	"	"	22	44	28	195	smooth	"	"	poor	no	yes
63 N	B	6	"	"	34	35	23	170	"	"	"	Fair		"
62 N	B	2	"	"	46	68	52	155	"	"	"	poor		no
61 N	B	2	"	"	27	43	26	125	"	"	"	poor		"
60 N	B	2	"	"	25	40	25	140	"	"	"	good	✓	yes
59 N														
58 N														
57 N														

35 A

PS 6

Detweiller (Hardo trail)

Line 12E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	B	X	14	grey brn	silt+gravel	205	49	32	180						
101 N	B	X	16	grey	silt	190	130	110	530						
102 N															
103 N	B	X	12	grey	silt	130	130	115	400						
104 N	B	X	14	mid grey	silt										
105 N	B	X	20	"	"	245	345	325	1500						
106 N	B	X	20	"	"	210	170	155	1050						
107 N	B	X	26	grey	silt+gravel	315	340	325	2600						
108 N	B	X	20	grey	silt+sand	230	200	185	1700						
109 N	B		20	lt brn	gravel	480	220	200	4200						
110 N	B		4	lt br	silt+rx	680	280	260	2800						
111 N	B		3	lt. br	silt+gravel	340	320	300	1700						
112 N	B		18	"	"	590	230	210	1950						
113 N	B		12	"	"	520	245	220	2200						
114 N	B		15	dk br	"	330	79	57	1300						
115 N															
116 N	B		2	lt br	silt+rx	120	165	150	540						
117 N															
118 N	B	X	20	dk grey	silt	770	295	275	2300						
119 N															
120 N															
121 N	B	X	12	grey	silt	155	270	255	580						
122 N															
123 N															
124 N															
125 N															
141 N	B	X	10	GRY	silt	160	77	61	395						

Rept 49A p2

Detweiler (Location)

Line 12E

Station	Horizon		depth	Color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea Present?	Ash Present?
100 N															
99 N															
98 N															
97 N															
96 N	B	X	12	lt gy	s. l. gr	52	40	23	280						
95 N															
94 N															
93 N															
92 N	B		16	lt br	"	—	NR	—							
91 N															
90 N															
89 N															
88 N															
87 N	B		20	lt brn	s. l.	45	30	15	100						
86 N															
85 N															
84 N	B		14	lt brn	s. l.	46	30	16	120						
83 N															
82 N															
81 N	B		20	lt brn	s. l.	17	38	23	440						
80 N															
79 N															
78 N															
77 N															
76 N															

41A
PJ

Detweiler (lake front)

Line 125

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N														
74 N														
73 N														
72 N														
71 N	B	14	dk brn	silt loam	40	72	54	170						
70 N														
69 N														
68 N	B	12	dk brn	silt loam	22	42	25	490						
67 N														
66 N														
65 N														
64 N	B	5	dk brn	silt loam	48	38	22	130						
63 N														
62 N														
61 N														
60 N														
59 N														
58 N														
57 N														

4/A
P1

Eccles late trav

Line 126

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N	B	X	12	tan	silt	20	36	20	130						
133 N															
134 N															
135 N	B	X	10	"	"	10	20	8	47						
136 N															
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N	B	X	8	"	"	23	24	11	94						
144 N	B	X	8	"	"	38	40	28	180						
145 N															
146 N	B	X	8	"	"	125	88	73	420						
147 N															
148 N	B	X	8	"	"	52	74	61	220						
149 N	B	X	10	brn	silt+sx	34	34	20	150						
150 N															

Eccles 1st batch

Line 16E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N	A	10	dk brn	veg										
102 N	A	16	dk gry	ash										
103 N	B	10	gry brn	sand + rx		ND		See "BB16E"						
104 N	A	16	dk brn	veg										
105 N	B	20	brn	sandy		ND		"						
106 N	A	16	gry	ash										
107 N	A	10	blk	veg										
108 N	B	10	brn	sand + rx		ND		"						
109 N	A	12	gry	ash										
110 N	A	12	blk	veg										
111 N	A	12	"	"										
112 N	B	8	brn	sand + rx		ND		See "BB16E"						
113 N	B mix	12	"	sand + rx + veg		ND		See "BB16E"						
114 N	B	16	brn	sand + rx		ND		See "						
115 N	B	8	"	"	320	65-5	6<10	1200						
116 N	A	10	gry	ash										
117 N	A	10	blk	veg										
118 N	A	8	"	sand + veg										
119 N	A	10	"	veg										
120 N	B	10	brn	sandy		ND		See "BB16E"						
121 N	A	8	brn	veg										
122 N	A	16	"	"										
123 N	A	16	"	"										
124 N	A	12	"	"										
125 N	A	8	blk	veg										

Eccles 1st batch
Peterlker 1st batch = red

Line 16E

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ash present?	Ash Present?
126 N	A	12	blk	vfg										
127 N	A	12	"	"										
128 N	A	16	brn	"										
129 N	A	10	"	"										
130 N	A	10	"	"										
131 N	A	9	lt brn	sand ash										
132 N	A	14	dk brn	sand										
133 N	A	8	med brn	"										
134 N	A	9	blk	"										
135 N	A	16	dk brn	"										
136 N	A	6	lt brn	"										
137 N	B	8	lt brn	sand ash	280	39	28	450						
138 N	A	6	lt brn	vfg										
139 N	B	5	med brn	sand	160	22	9	165						
140 N	A	9	blk	"										
141 N	A	14	"	"										
142 N	A	10	med brn	"										
143 N	A	5	blk	"										
144 N	A	14	"	"										
145 N	A	9	"	"										
146 N	A	7	"	"										
147 N	A	8	lt brn	ash sand										
148 N	A	6	"	"										
149 N	A	13	gray	sand ash										
150 N	A	8	dk brn	sand										

Eccles 15

Line 16 E "BB"

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ecca present?	Ash Present?
126 N	A		16	blk	veg										
127 N	A		10	"	"										
128 N	A		20	"	"										
129 N	A		14	"	"										
130 N	A		14	"	"										
131 N	A		10	brown	ash										
132 N	A		10	blk	veg										
133 N	A		16												
134 N	A		16												
135 N	A		10												
136 N	A		16												
137 N	A		10	"	"										
138 N	A		8	blk	veg										
139 N	A		16	blk	veg										
140 N	B	X	8	dk gray	clay	94	130	120	420						
141 N	A		8	blk	veg										
142 N	A		5	gray + blk	ash + veg										
143 N	A		10	gray	ash										
144 N	A		20	blk	veg + ash										
145 N	A		8	blk	veg										
146 N	B	X	10	dk gray	clay	34	40	26	190						
147 N	A		5	blk	veg										
148 N	B	X	12	grayish gray	clay + ash	24	29	16	140						
149 N	B	X	16	dk gray	"	29	28	14	140						
150 N	B	X	16	"	"	24	20	7	87						

Eccles 1st

Line 16E (BB)

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N	A		10	grey	ash										
102 N	B	X	20	dk grey	clay tex	310	210	190	2200						
103 N	B	X	10	"	"	180	720	710	1600						
104 N	A		10	brn	veg - bur										
105 N	B	XX	16	green grey	"	53	155	145	1050						
106 N	B	X	10	"	clay tex	210	330	315	2500						
107 N	A		20	grey	ash										
108 N	B		8	brn	sandy	81	175	160	4600						
109 N	B		16	"	"	42	51	41	540						
110 N	B		12	"	"	50	145	130	1200						
111 N	A		12	grey	ash										
112 N	B		20	brn	sandy	255	225	220	3200						
113 N	B		16	"	"	120	310	300	1300						
114 N	B		20	"	"	185	210	200	1100						
115 N	B mix		14	lt grey	sandy ash		N.D.								
116 N	A		16	grey	ash										
117 N	C		12	dk grey	gravel										
118 N	B	X	12	"	"	205	735	720	1050						
119 N	A		8	"	dirt										
120 N	B	X	16	green grey	clay tex	62	91	78	250						
121 N	A		8	brn	veg										
122 N	A		20	brn	veg										
123 N	A		16	grey	dirt										
124 N	A		8	brn	veg										
125 N	A		12	blk	Ash & veg										

Eccles (Lake Finlay)

Line 16E

Station	Horizon		Depth	color		Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N																
101 N																
102 N																
103 N																
104 N																
105 N																
106 N																
107 N																
108 N																
109 N																
110 N																
111 N																
112 N																
113 N																
114 N																
115 N																
116 N																
117 N																
118 N																
119 N																
120 N	B		12	brn		silt+sand	48	55	39	240						
121 N																
122 N																
123 N																
124 N																
125 N																

Rept 49A
P2

Defuniak (flats trail)

Line 16E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N														
102 N														
103 N														
104 N														
105 N														
106 N														
107 N														
108 N														
109 N														
110 N														
111 N														
112 N														
113 N														
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N														
121 N														
122 N	A	14	blk	s.lt trash	9	17	5	18						
123 N	Cumulic	0-5		lt > 20"	8	24	13	39						
124 N	A	5	blk	s.lt	15									
125 N														

left 61A p3

Detrital (lake bottom)

Line 16E

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	A	14	blk	silt ash	24	35	21	79						
127 N		Frozen	org	to 14"										
128 N	A	10	blk	silt	18	36	12	40						
129 N	A	12	"	silt ash	23	29	13	48						
130 N	A	10	"	silt	16	26	12	70						
131 N		Frozen	orgs	to 14"	14	33	22	72						
132 N	A	10	blk	silt ash	12	16	3	25						
133 N		frozen	orgs	to 12"	11	26	11	63						
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

Ref 661A
P3

Eccles 2nd

Line 16E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N	B	20	brn	silt+sand	32	53	38	180	E stp	trees	Fair	Fair	no	no
74 N	B	24	"	"	35	62	47	195	"	"	"	"	yes	"
73 N	B	10	"	silt+sand	13	20	6	31	"	"	good	good	no	1" above
72 N	B	6	"	silt	17	34	18	72	"	"	"	"	"	yes
71 N	B	12	"	"	21	28	16	78	"	"	Fair	"	"	"
70 N	B	12	"	silt+sand	30	64	47	180	"	"	good	Fair	"	no
69 N	A	12	blk	silt	45	54	39	200	"	"	Fair	poor	yes	no
68 N	B	10	brn	"	19	39	25	230	"	"	good	good	no	1"
67 N	B	8	"	"	24	36	24	265	"	"	Fair	"	no	yes
66 N														
65 N	B	4	"	"	18	21	8	55	S stp	"	good	poor	no	no
64 N	B	4	"	"	19	24	10	79	"	"	"	"	"	some
63 N	B	4	"	"	19	29	11	50	"	"	"	"	"	no
62 N	B	4	"	"	21	30	16	125	"	"	"	"	"	"
61 N	B	4	"	"	16	29	13	120	"	"	"	"	"	"
60 N	B	4	"	"	14	24	11	125	"	"	"	"	"	"
59 N														
58 N														
57 N														

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Pb

Eccles 2nd

Line 16E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea Present?	Ash Present?
100 N	B		12	brn	silt trace	150	88	76	2100	W stp	trees	good	poor	no	no
99 N	B		12			105	190	174	3250	"	"	"	"	"	"
98 N	B		12			190	180	163	5250	"	"	"	Fair	"	"
97 N	B		30			540	125	106	4300	N cent	willow	poor	"	"	"
96 N	B		12			215	63	47	3350	"		good	"	"	"
95 N	B		12			77	72	54	1700	N cent		"	"	"	some
94 N						(76	72	54	1650)						
93 N	B		20			40	74	59	355	E cent		poor	"	"	some
92 N	B		16		V	82	93	78	530	E stp		good	good	"	2"
91 N	B		12		silt	165	90	70	645	"		"	"	"	6"
90 N	B		10		"	83	89	70	500	"		"	poor	"	no
89 N	B		12	V	"	79	89	71	350	"	V	"	"	"	"
88 N	B mix		20	grey	silt trace	70	130	116	325	"	trees	poor	"	yes	"
87 N	B	X	10	"	silt trace	31	47	34	165	"	"	"	Fair	yes	"
86 N	B	X	14	"	"	46	68	52	335	"	"	good	"	no	yes above
85 N	B		14	brn	"	89	79	66	370	"	"	"	poor	no	no
84 N	B		24		"	70	81	65	465			poor	good		4" above
83 N	B		14		"	75	73	60	260			good	poor		no
82 N	B		12		"	92	73	56	180			"	"		some above
81 N	B		12		"	57	52	32	265			"	"		no
80 N	B		16		silt	68	61	~~60~~	170			"	"		some above
79 N	B		40		silt trace	54	44	30	205		willow	"	"		no
78 N	B		14		"	19	36	22	180		willow	poor	"		no
77 N	B		20		silt	31	57	44	145		trees	good	good		4" above
76 N	B		20	V	silt + sand	38	71	56	140	V	"	fair	fair	V	some above

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Eccles 2nd ship

Line 16E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N	B		12	brn	silt	310	200	182	2100			poor			
103 N	B	X	12	dk gry	"	240	1200	1200	2800			fair			
104 N	B	X	12		"	465	510	500	3250			"			
105 N	B	X	14		"	77	225	212	2000			"			
106 N	B	X	16		"	230	390	375	3200			poor			
107 N	B mix		30		silt+ash	260	60	47	4100			good			
108 N															
109 N	B	X	16		silt	62	93	79	1250			"			
110 N															
111 N	B	X	16		"	235	265	250	2200			"			
112 N															
113 N	C		12	brn	gravel	100	260	245	1300			"			
114 N	C		16		silt+gravel	170	250	235	1650			"			
115 N	B		20		silt+ash	575	2150	2150	2800			"			
116 N			NS												
117 N	B		8		"	265	2300	2300	1500			"			
118 N	B		12		"	270	1500	1500	1400			"			
119 N															
120 N															
121 N															
122 N															
123 N															
124 N															
125 N	B mix		12		"	22	40	26	91			"			
135 N	B		12		silt	16	54	41	81			fair			
[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	3610			[illegible]			

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Eccles 2nd shift

Line 16E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
121 N	~~B~~	~~X~~	12	grey	silt+sand	22	72	56	205						
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N	B	X	12	grey	"	10	33	18	81						
135 N	B	X	10	"	si. lt	18	64	57	84						
136 N	B mix		16	brn	si. lt+ash	13	29	16	82						
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Detweiler (late trav)

Line 16E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea Present?	Ash Present?
100 N	B	X	12	grey	silt/grav										
99 N															
98 N	B	X	10	grey	silt										
97 N	B	X	14	grey	silt/grav.										
96 N															
95 N															
94 N															
93 N															
92 N															
91 N															
90 N															
89 N															
88 N															
87 N															
86 N															
85 N															
84 N															
83 N															
82 N															
81 N															
80 N															
79 N															
78 N															
77 N															
76 N															

Oetwiller (late trav)

Line 16E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N	B	X	12	lt grey	silt										
103 N															
104 N	B	X	10	dk grey	"										
105 N															
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N															
113 N															
114 N	B	X	10	grey	silt										
115 N															
116 N															
117 N															
118 N															
119 N	B		12	m. brn	silt + x										
120 N	B		15	lt brn	silt + gravel										
121 N	B	X	10	lt grey	"										
122 N															
123 N															
124 N	B	X	8	dk grey	silt										
125 N	B		10	dk brn	"										

Detweiler (lake trail)

Line 16E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N	B		11	Hbrn	silt										
128 N															
129 N															
130 N															
131 N															
132 N	B	X	14	m grey	silt/ash										
133 N															
134 N															
135 N															
136 N															
137 N	B	X	12	m grey	silt/sand										
138 N	B	X	12	dk grey	silt										
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Eccles 2nd batch

Line 20E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N	A	10	blk	s. lf	34	51	35	180						
74 N	B	10	brn	"	24	42	25	150						
73 N	B	10	"	"	14	25	10	120						
72 N	B	6	"	"	31	85	68	250						
71 N	B	8	"	"	21	36	21	84						
70 N														
69 N	B	8	"	"	27	29	13	180						
68 N	A	8	"	"	18	26	9	130						
67 N	B	12	"	s. lf + v	19	34	6	120						
66 N	B	5	brn	"	12	25	9	165						
65 N	B	6	"	s. lf	15	21	7	125						
64 N	B mix	6	"	s. lf + ash	19	25	9	73						
63 N	B	2	"	s. lf + rx	17	28	7	58						
62 N	B	2	"	"	16	25	2	64						
61 N	B	4	"	"	18	24	5	83						
60 N	B	6	"	"	14	26	3	58						
59 N	B	6	"	s. lf	12	23	7	180						
58 N	B mix	6	"	s. lf + ash	15	21	6	82						
57 N														

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Eccles 2nd Lautech

Line 20 E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ecca Present?	Ash Present?
100 N	B	4	brn	s.l+tr	30	115	102	575						
99 N	B	4	"	"	52	34	22	440						
98 N	B	6	"	s.l	11	23	11	340						
97 N	B	6	"	s.l+sash	13	23	10	190						
96 N	B	10	"	s.l	14	24	13	265						
95 N														
94 N	B mix	8	"	s.l+sash	25	30	18	190						
93 N	B	8	"	s.l+tr	120	93	78	480						
92 N														
91 N	B	4	"	"	25	34	19	150						
90 N	B	4	"	"	15	20	6	73						
89 N	B	8	"	"	210	59	43	320						
88 N	B	6	"	"	175	140	123	280						
87 N														
86 N	B	12	"	"	63	38	23	180						
85 N	B	10	"	"	52	35	18	120						
84 N														
83 N														
82 N	B	8	"	"	22	32	16	215						
81 N	B	2	"	"	31	46	29	150						
80 N	B	2	"	"	27	48	28	140						
79 N	B mix	12	brn	s.l+sash	37	64	46	165						
78 N	A	14	blk	s.l	50	49	30	230						
77 N	B	12	brn	s.l+	17	38	23	115						
76 N	B	10	"	"	12	26	12	175						

Geeles (late trav)

Line 20E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	B	8	brn	s.lt	59	135	115	760						
101 N														
102 N	B	8	"	"	25	66	49	60						
103 N	B	10	"	"	33	42	23	250						
104 N														
105 N	B	8	"	"	51	38	21	245						
106 N	B	10	"	"	57	41	24	420						
107 N														
108 N														
109 N														
110 N														
111 N														
112 N														
113 N														
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N														
121 N														
122 N														
123 N														
124 N														
125 N														

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Geeles (lake trans)

Line 20E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N															
135 N															
136 N															
137 N	B	X	8	grey	silt+sand	31	45	32	200						
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N	B		8	brn	silt+sand	36	30	15	140						
150 N	B		10	brn	"	32	32	16	165						

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p2

Disturbed (late trees)

Line 20E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N															
99 N															
98 N															
97 N															
96 N															
95 N	B		14	lt brn	silt/ash	27	28	16	170						
94 N															
93 N															
92 N	B		16	m brn	"	20	30	16	110						
91 N															
90 N															
89 N															
88 N	B	X	14	gry	"	160	94	78	300						
87 N															
86 N															
X 85 N	A		16	blk	"	———		AS	———						
84 N															
83 N	B		12	m brn	"	19	27	13	170						
82 N															
81 N															
80 N															
79 N	B		14	dk brn	"	40	42	28	180						
78 N															
77 N															
76 N	B		18	lt brn	"	13	32	17	180						

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Detweiller (lateritic)

Line 206

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N															
74 N	B	X	20	dk gry	s. H	24	43	29	140						
73 N															
72 N															
71 N															
70 N	B	X	18	dk gry	"	17	26	12	720						
69 N															
68 N															
67 N	B	X	24	"	"	—	N S	—							
66 N	B	X	14	gry	s. lt gray	14	29	15	110						
65 N															
64 N															
63 N	B	X	12	dk gry	s. L gry	18	20	5	64						
62 N															
61 N															
60 N															
59 N															
58 N															
57 N															

X

4/Apl

Detailer (later fix)

Line 205

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N															
105 N															
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N															
113 N															
114 N															
115 N															
116 N															
117 N															
118 N															
119 N															
120 N															
121 N															
122 N															
123 N	B	X	14	m gray	s. H	21	40	26	150						
124 N	B	X	16	m gray	s. H	31	46	30	180						
125 N															

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Deforester (late trans)

Line 20E

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Fea present?	Ash Present?
126 N	A	14	blk	silt	11	21	9	39						
127 N	Forest	org	to 18"			I	S							
128 N				to 14"		I	S							
129 N	A	18	blk	silt to sh		I	S							
130 N	A	12	blk	silt		I	S							
131 N	or O		Forest	to 12"		I	S							
132 N	A	14	blk	silt to sh		I	S							
133 N	A	12	blk	org + silt		I	S							
134 N	Forest		org	to 10"		I	S							
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

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Line 206

Depth: 10" (later than ?)

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N	A		6	lt brn	s, lt+rx										
102 N						14	[illegible]	36	360						
103 N															
104 N															
105 N	B		8	brn	s, lt	48	28	41	550						
106 N															
107 N	B	X	10	dk gry	s, lt	38	170	154	485						
108 N															
109 N	B	X	7	dk gry	s, lt+rx	91	210	[illegible]	840						
110 N	B	X	8	gry	"	240	590	570	3750						
111 N															
112 N	B	X	12	gry	s, lt	125	280	264	1400						
113 N															
114 N															
115 N	B		8	brn	"	155	5150	>150	840						
116 N	B		6	"	"	540	830	810	2800						
117 N	A		8	blk	s, lt	370	415	130	2400						
118 N	B		8	brn	s, lt+rx	820	400	380	8700						
119 N															
120 N	A		10	blk	s, lt	140	130	116	1400						
121 N															
122 N	A		10	blk	s, lt	50	20	7	160						
123 N			rocks	-	N	s —									
124 N															
125 N	A		10	dk gry	s, lt	15	17	5	45						

Line 20E

Definitely (Volcanic?)

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N	B	X	8	dkgry	si H	32	47	34	245						
135 N															
136 N	B	X	10	"	"	46	32	20	140						
137 N															
138 N	B		12	dk br	sandy si H	67	80	63	770						
139 N															
140 N	A		8	blk	si H	220	180	154	2400						
141 N															
142 N															
143 N	A		6	"	"	170	195	178	1400						
144 N	B		9	mbr	si H	52	81	41	550						
145 N															
146 N															
147 N															
148 N															
149 N	B		6	lt br	si H	26	22	6	130						
150 N	B		8	"	"	34	31	15	140						

Eccles late trav

Line 20E

Station	Horizon		Depth	color		Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N																
101 N																
102 N																
103 N																
104 N																
105 N																
106 N																
107 N																
108 N																
109 N																
110 N																
111 N																
112 N																
113 N																
114 N	B	X	8	grey		silt+cx	57	180	166	57						
115 N																
116 N																
117 N																
118 N																
119 N																
120 N																
121 N																
122 N																
123 N																
124 N																
125 N																

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Eccles 2nd batch?

Line 245

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ecr Present?	Ash Present?
100 N															
99 N															
98 N	B		12	brn	silt + sand	12	32	18	225						
97 N	B		8	"	"	41	56	41	500						
96 N	B		10	"	"	18	30	19	160						
95 N															
94 N															
93 N	B mix		7	dk grey	silt + ash	23	18	9	68						
92 N															
91 N	B		6	brn	silt	57	92	78	370						
90 N	B		6	"	"	51	61	46	410						
89 N															
88 N	B		10	"	silt + rx	150	44	32	210						
87 N	B		4	"	"	63	77	61	230						
86 N															
85 N	B mix		8	"	ash + silt	82	26	15	235						
84 N	B		10	"	silt	145	48	35	205						
83 N	B		4	"	"	130	49	32	250						
82 N	B		6	"	"	60	36	24	150						
81 N	A		14	blk	"	36	18	5	31						
80 N	B	X	12	grey	silt + rx	56	85	70	250						
79 N															
78 N	B	X	14	brn	"	40	53	38	120						
77 N	B	X	10	"	"	79	46	30	190						
76 N															

Eccles 2nd batch?

Line 24E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N															
74 N	A		14	blk	silt	43	52	37	335						
73 N															
72 N	B	X	20	grey	silt+rx	17	20	7	33						
71 N															
70 N	B		2	brn	"	18	60	47	145						
69 N	B	X	10	dk grey	"	16	22	8	145						
68 N	B mix		20	"	silt+rx	10	13	3	34						
67 N															
66 N	B mix		12	brn	silt+ash	15	26	14	62						
65 N	B		6	"	"	13	21	6	85						
64 N	B		10	"	"	14	19	6	79						
63 N	B	X	2	grey	silt+rx	15	24	6	67						
62 N	B	X	2	"	"	11	19	3	66						
61 N	B		6	brn	"	15	19	7	76						
60 N	B		12	"	"	19	18	4	43						
59 N															
58 N															
57 N															

Eccles (late trees)

Line 245

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N															
135 N															
136 N															
137 N	B	X	8	grey	silt	210	240	220	1550						
138 N															
139 N															
140 N	B	X	10	grey	clay	230	385	365	1550						
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

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Detrwiller

Line 24E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea Present?	Ast Present?
100 N	A		12	blk	s.lt										
99 N	A		12	"	"		—	NS	—						
98 N	B		10	lt brn	"		—	NS	—						
97 N	B		8	"	"		—	NS	—						
96 N	B		14	"	"	19	38	22	265						
95 N	A		10	blk	s.lt+cas?		—	NS	—						
94 N	A		12	blk	"		—	NS	—						
93 N	A		8	"	"	18	12	4	24						
92 N	A		10	"	s.lt		—	NS	—						
91 N	B		6	lt brn	"		—	NS	—						
90 N	B		4	"	"		—	NS	—						
89 N	B		14	m brn	"	120	43	30	180						
88 N	B		16	dk brn	"	200	72	56	230						
87 N	B		4	lt brn	"	—	—	NS	—						
86 N	A		8	blk	"		—	NS	—						
85 N	A		10	"	"		—	NS	—						
84 N	B		8	lt brn	"		—	NS	—						
83 N	B		4	"	"		—	NS	—						
82 N	B		6	m brn	"		—	NS	—						
81 N	B		14	m brn	s.lt tan	66	29	10	125						
80 N	B	X	18	lt gry	clay tan	70	84	66	280						
79 N	A		18	blk	s.lt		—	NS	—						
78 N	B	X	20	gry	s.lt	42	52	36	120						
77 N	B		15	lt brn	s.lt	84	52	31	225						
76 N															

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Detwiller

Line 24E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N	A		12	blk	silt		NS								
74 N	A		14	"	"		NS								
73 N	A		18	"	"		NS								
72 N	B	X	16	dk grey	"		NS								
71 N	A		24	blk	silt + ash										
70 N	B		6	lt brn	silt		NS								
69 N	B	X	10	dk grey	silt + x		NS								
68 N	B		10	m br	"	20	60	44	135						
67 N	A		10	blk	silt		NS								
66 N	A		12	"	silt + ash		NS								
65 N	B		8	dk br	silt		NS								
64 N	B	X	10	dk grey	"	17	27	7	62						
63 N	B		6	dk brn	"	16	22	2	63						
62 N	B		14	lt brn	"	17	45	31	125						
61 N	A		10	blk	silt + x		NS								
60 N	B	X	12	dk grey	"	17	26	7	61						
59 N															
58 N															
57 N															

Defaulker

Line 245

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N	B		10	m brn	silt	—	NS	—							
102 N	B		8	"	"	—	NS	—							
103 N	B		9	lt brn	"	—	NS	—							
104 N	B	X	6	gray	silt tgrav	150	260	240	4050						
105 N	B	X	12	dk gray	silt + x	—	NS	—							
106 N	A		10	blk	silt	—	NS	—							
107 N	B	X	14	dk gray	silt + x	36	85	72	440						
108 N															
109 N															
110 N	A		12	blk	silt	—	NS	—							
111 N	B		12	dk brn	silt + ash	16	19	9	63						
112 N															
113 N															
114 N															
115 N	B	X	10	dk gray	silt + x										
116 N	B		6	dk brn	silt		— NS —								
117 N	B	X	5	dk gray	"		— NS —								
118 N	B	X	6	"	silt tgrav		— NS —								
119 N	B	X	6	"	"		— NS —								
120 N	B		8	m brn	"		— NS —								
121 N	B	X	4	dk gray	silt	700	3400	3400	4800						
122 N															
123 N															
124 N	B	X	12	dk gray	silt	88	140	128	1550						
125 N															

detwiler

Line 24E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	A		10	blk	silt	—	NS →								
127 N															
128 N	B		13	dk brn	silt	12	32	21	120						
129 N															
130 N															
131 N															
132 N															
133 N	B	X	11	dk gry	silt	72	10	2	105						
134 N															
135 N															
136 N	A		10	blk	silt + ash	—	NS →								
137 N															
138 N	A		8	blk	silt	—	NS →								
139 N															
140 N															
141 N															
142 N															
143 N	B		12	dk brn	silt	46	55	46	310						
144 N	A		8	blk	silt	—	NS	—							
145 N	B	X	8	dk gry	silt	230	300	286	1750						
146 N	A		10	blk	silt		—	NS →							
147 N															
148 N															
149 N															
150 N															

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Eccles Lake trail

Line 24E

Station	Horizon		Depth	color		Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N																
101 N																
102 N																
103 N																
104 N																
105 N																
106 N																
107 N																
108 N																
109 N																
110 N																
111 N																
112 N																
113 N																
114 N																
115 N																
116 N	B	[redacted]	10	brn		si. H	840	890	875	4700						
117 N																
118 N																
119 N																
120 N																
121 N																
122 N																
123 N																
124 N																
125 N																

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Line 24E

Determ Hor (late trav)

Station	Horizon		Depth	color		Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N																
101 N	B		6	brn		s.lt	30	61	45	550						
102 N	B		4	red	*	"	40	68	52	355						
103 N	B		8	brn		"	90	290	270	1200						
104 N	B		12	"		"	135	230	215	3100						
105 N	B		12	"		"	59	130	115	780						
106 N	A		8	gy		slt	96	49	34	1400						
107 N	B	X	10	dk gry		slt+rx	35	91	77	420						
108 N																
109 N																
110 N																
111 N																
112 N																
113 N																
114 N																
115 N	B	X	8	dk gry		slt+rx	320	2050	2030	2100						
116 N																
117 N	B	X	6	"		"	1050	1400	1380	4600						
118 N	B	X	4	"		"	1500	2300	2280	5800						
119 N	B	X	6	"		"	2300	6000	6000	8300						
120 N	B	X	4	"		"	1850	5400	5400	7900						
121 N	B	X	10	"		"	640	3300	3300	5400						
122 N																
123 N																
124 N																
125 N																

Detweiler (lake trail)

Line 24S

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N	B	X	10	dk gry	si. H	28	84	71	190						
129 N															
130 N															
131 N															
132 N															
133 N	B	X	12	dk gry	si. H	210	210	197	750						
134 N															
135 N															
136 N	A		10	blk	si. H ash	93	62	50	420						
137 N															
138 N	B	X	8	dk gry	si. H + sand	190	260	245	2050						
139 N															
140 N															
141 N															
142 N															
143 N	B	X	10	dk gry	si. H	51	72	60	370						
144 N	A		8	blk	si. H + vg	180	80	56	1625						
145 N	A		12	blk	si. H	270	275	260	2000						
146 N	A		10	blk	si. H	375	390	370	2225						
147 N	A		10	blk	si. H	270	365	350	2200						
148 N															
149 N															
150 N															

Line 28E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	A		6	blk	silt	47	56	45	240						
127 N															
128 N															
129 N															
130 N															
131 N	B		12	dk brn	silt	300	570	490	2800						
132 N	A		10	blk	"	160	240	225	1400						
133 N															
134 N	B	X	12	gry	silt trx	87	180	160	1300						
135 N	A		10	blk	silt	120	120	104	585						
136 N															
137 N															
138 N	B	X	14	gry	silt tr gravel	165	60	44	525						
139 N	B	X	10	gry	silt tr gravel	63	165	150	540						
140 N															
141 N															
142 N	B	X	8	"	silt	140	110	94	750						
143 N	B	X	4	"	silt tr gravel	92	24	11	265						
144 N	B	X	12	dk gry	silt	96	19	41	76						
145 N															
146 N	A		12	blk	silt	58	67	53	320						
147 N															
148 N															
149 N	B	X	4	gry	clay	35	35	18	230						
150 N															

Detweiler 7

Line 28S

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N															
105 N	A		10	blk	silt+trx	230	33	14	440						
106 N	B	X	8	dk grey	"	33	33	17	450						
107 N	A		10	"	silt	120	31	16	390						
108 N	A		8	"	"	210	69	55	880						
109 N															
110 N	B	X	10	"	"	58	63	47	590						
111 N															
112 N															
113 N	B		6	brn	silt+trx	32	71	56	125						
114 N															
115 N	B		10	"	"	2600	4800	4800	2100						
116 N	B	X	2	grey	silt+trx	280	2100	2100	2400						
117 N	B		2	brn	"	560	6300	6300	2600						
118 N	B		6	brn	silt	275	1300	1300	2100						
119 N	B	X	10	grey	"	310	1100	1100	5500						
120 N	B	X	6	"	"	840	2750	2750	7100						
121 N	A		6	blk	"	240	500	485	2500						
122 N															
123 N															
124 N															
125 N															

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Eccles (lake trav)

Line 28E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N														
102 N	B	8	brn	silt	59	81	67	510						
103 N														
104 N														
105 N														
106 N	B	8	brn	silt	24	24	11	300						
107 N														
108 N														
109 N														
110 N														
111 N														
112 N	B	10	brn	silt+sand	41	120	105	460						
113 N	B	10	"	"	38	60	43	200						
114 N	B mix	12	grey	silt+ash+rx	50	48	34	160						
115 N	B	10	brn	silt	2000	3500	3500	1700						
116 N	B	X 12	grey	silt+rx	480	2700	2700	1950						
117 N	B	4	brn	"	140	1550	1550	1400						
118 N	B	10	"	"	375	1150	1150	2850						
119 N														
120 N	B	8	"	"	735	2000	2000	8300						
121 N														
122 N														
123 N														
124 N														
125 N														

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Eccles (lake trail)

Line 28E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N	B	X	10	grey	silt+rx	130	150	135	1350						
135 N															
136 N															
137 N															
138 N	B	X	10	grey	"	46	34	17	570						
139 N	B	X	10	grey	"	130	155	140	680						
140 N															
141 N															
142 N															
143 N	B	X	10	grey	"	130	29	14	325						
144 N															
145 N															
146 N															
147 N															
148 N															
149 N	B	X	6	grey	clay	37	27	10	200						
150 N															

(changed from 146 N in results there is a 146 but no 143)

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Detweiler (Lake Trail)

Line 286

	Station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
x	75 N	B		20	lt brn	silt										
x	74 N	B		8	m brn	silt loam										
x	73 N	B	X	6	lt gray	"										
	72 N	B	X	14	m gray	silt	120	190	170	290						
	71 N	B	X	18	lt gray	"	49	49	36	150						
	70 N	B	X	14	dk gray	"	34	33	21	190						
	69 N															
	68 N															
	67 N	B		12	dk brn	"	24	33	20	105						
	66 N	B		10	m brn	"	12	25	13	110						
	65 N	B		9	"	"	23	38	25	145						
	64 N	B		10	"	"	15	29	17	63						
	63 N	B		8	lt brn	"	14	21	8	48						
	62 N	B		3	"	"	11	22	5	58						
	61 N	B		10	m brn	"	13	30	18	58						
	60 N	B		8	lt brn	"	11	20	6	56						
	59 N															
	58 N															
	57 N															

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Delusher (late trav)

Line 28E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N															
99 N	B	X	10	blk	S, lt										
98 N	B	X	16	m gry	" ←	52	58	42	220						
97 N	B	X	18	"	" ←	84	65	54	340						
96 N	B		10	m brn	"										
95 N	B		10	lt brn	"										
94 N	B		2	"	"										
93 N	B		16	"	"										
92 N	B		14	dk brn	" ←	220	295	275	420						
91 N	B		12	m brn	"										
90 N	B		12	m brn	"										
89 N	B		16	lt brn	"										
88 N	B	X	10	lt gry	"										
87 N	B	X	12	m gry	"										
86 N	A		18	blk	"										
85 N	B		10	lt brn	"										
84 N	B	X	15	m gry	S, lt t gravel										
83 N	B	X	14	"	S, lt										
82 N	B		6	m brn	S, lt t gravel										
81 N	B		1	lt brn	S, lt t gravel x										
80 N	B		12	m brn	S, lt t gravel										
79 N	B		8	"	"										
78 N	B		8	lt brn	S, lt + x										
77 N	B		7	"	"										
76 N	B		1	"	S, lt t gravel										

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Detrital (lake bottom)

Line 28E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N														
102 N														
103 N														
104 N														
105 N														
106 N														
107 N														
108 N														
109 N														
110 N														
111 N														
112 N														
113 N														
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N														
121 N														
122 N	A	12	6/k	silt+tephra	170	580	565	2200						
123 N	A	14	5/k	silt+tephra	175	600	585	2250						
124 N	A	14	6/k	silt+tx	63	150	135	560						
125 N	A	10	6/k	silt	60	125	112	480						

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Defaulter (late draw)

Line 28E

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N	A	10	blk	silt + ash	28	34	20	165						
128 N	}	forest	organics		17	25	15	37						
129 N					30	46	31	68						
130 N	A	14	blk	silt	110	160	145	690						
131 N														
132 N														
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

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Rev 5/Assoc

Line ≥8E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N					25	32	19	84						
74 N		no			110	58	41	140						
73 N		notes			120	200	180	330						
72 N														
71 N														
70 N														
69 N														
68 N														
67 N														
66 N														
65 N														
64 N														
63 N														
62 N														
61 N														
60 N														
59 N														
58 N														
57 N														

Rew s/ Assoc.

Line 28E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N														
99 N														
98 N														
97 N														
96 N														
95 N					38	69	52	320						
94 N					120	150	130	330						
93 N					81	265	250	570						
92 N					250	400	380	515						
91 N					42	160	140	420						
90 N					89	57	33	200						
89 N		No			130	67	49	390						
88 N		nobes			32	52	37	220						
87 N					99	150	130	340						
86 N														
85 N					46	63	42	380						
84 N					41	49	32	230						
83 N					66	64	47	315						
82 N					12	35	19	260						
81 N					27	40	24	125						
80 N					21	26	10	180						
79 N					20	36	22	190						
78 N					20	33	18	130						
77 N					13	31	19	120						
76 N					47	51	37	130						

Detwiler

Line 32E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N	B	X	10	dk gry	s.lt	98	125	110	520						
103 N															
104 N	A		12	blk	s.lt	65	49	36	250						
105 N															
106 N	B	X	12	dk gry	s.lt	92	92	78	300						
107 N	B		14	dk brn	"	45	32	19	100						
108 N															
109 N															
110 N	B	X	8	dk gry	s.lt	200	420	405	740						
111 N	B	X	10	gry	"	140	330	315	780						
112 N															
113 N	B	X	12	dk gry	s.lt	170	215	200	1200						
114 N															
115 N						245	1800	1800	1950						
116 N															
117 N	B	X	11	dk gry	s.lt	210	500	485	1450						
118 N	B		10	m brn	s.lt sandy		— NS —								
119 N	B		14	lt brn	s.lt	15	41	25	320						
120 N															
121 N															
122 N															
123 N															
124 N															
125 N	B	X	12	dk gry	s.lt	100	310	295	790						

Detailed

Line 32E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B	X	14	dk gry	silt	145	340	325	880						
127 N	B	X	10	"	"	135	230	215	850						
128 N	B		11	dk brn	"	140	115	103	1100						
129 N						315	280	265	1400						
130 N															
131 N															
132 N															
133 N	A					32	25	18	260						
134 N															
135 N	A		13	blk	silt+ash										
136 N															
137 N	B		14	lt brn	sand tgrav	33	20	8	57						
138 N	B		12	dk brn	silt	11	21	8	46						
139 N	B	X	16	gry	silt tgrav	—	NS	—							
140 N															
141 N	B	X	16	"	sand tgrav	11	13	2	20						
142 N	B	X	20	"	silt										
143 N															
144 N															
145 N															
146 N															
147 N															
148 N	A		10	blk	silt	—	NS	—							
149 N															
150 N															

Defaulter?

Line 32E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N														
102 N	B	12	grey brn	s. lt	115	120	105	540						
103 N														
104 N	A	18	blk	s. lt	72	58	43	250						
105 N	A	12	dk brn	"	130	115	100	330						
106 N														
107 N	B	16	dk brn	s. lt trash	78	34	22	160						
108 N														
109 N	A	12	blk	s. lt	41	16	5	120						
110 N	A	5	"	"	190	345	330	700						
111 N														
112 N					430	770	755	1300						
113 N														
114 N					36	365	350	380						
115 N														
116 N														
117 N														
118 N	B	18	dk brn	s. lt	165	3200	3200	4400						
119 N	B	20	lt brn	"	15	37	23	440						
120 N														
121 N														
122 N														
123 N														
124 N														
125 N														

Debenture

Line 32S

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N	A		10	dk	slt	125	215	200	820						
128 N	A		12	"	"	155	130	115	1250						
129 N															
130 N															
131 N															
132 N															
133 N															
134 N						295	640	625	1950						
135 N						84	21	10	140						
136 N															
137 N	B		12	lt brn	s. lt	14	18	5	160						
138 N	A		12	blk	s. lt	32	34	23	74						
139 N	B		14	lt brn	"	12	14	2	51						
140 N	A		12	blk	s. lt	16	9	2	13						
141 N															
142 N															
143 N	B	X	17	grey blk	s. lt	13	13	2	20						
144 N															
145 N															
146 N	B		19	dk brn	"	13	9	2	14						
147 N	B		20	"	"	17	11	2	20						
148 N	A		20	blk	"	43	28	12	350						
149 N	A		14	"	"	62	16	4	230						
150 N															

X = no sample

Dethwiler lateration

Line 32E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ecr Present?	Ash Present?
100 N	A		6	blk	Si lt										
99 N	B		5	H brn	"	58	260	245	360						
98 N	B		10	m brn	"	75	165	150	1050						
97 N	B	X	14	dk gray-brn	"	170	18	2	140						
96 N	B	X	16	dk gray	"	400	53	41	1850						
95 N															
94 N															
93 N	B		12	lt brn	"	74	70	56	370						
92 N	B		14	lt brn	Si lt-gran	230	36	22	150						
91 N	B		12	dk brn	Si lt										
90 N	B		12	H brn	Si lt-gran										
89 N	B		12	med brn	"										
88 N	B		14	lt brn	"										
87 N	B		10	"	"										
86 N	B		8	dk brn	" ← 140	170	155	325							
85 N	B	X	16	med gray	"										
84 N	B		18	med brn	"										
83 N	B	X	22	lt gray	"	39	56	43	185						
82 N	B		10	m brn	"										
81 N	B		8	lt brn	"										
80 N	B		1	"	"										
79 N	B		10	"	"										
78 N	B		9	m brn	Si lt tr X										
77 N	B		8	lt brn	Si lt										
76 N	B		8	lt brn	"										

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Redstone Lake Trail

Line 32E

	station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Fe Presence	Ash Presence
X	75 N	B		6	lt brn	si lt tgrav										
X	74 N	B		10	m brn	si lt										
	73 N	B	X	12	m grey	"										
	72 N	B		20	dk brn	"	43	45	26	180						
	71 N	B		10	lt brn	"	31	57	42	130						
	70 N	B		14	m brn	"	34	42	28	160						
	69 N	B		16	lt brn	"	34	24	7	74						
	68 N	B		22	"	"	35	27	13	70						
	67 N	B		8	m brn	"	38	41	27	100						
	66 N															
	65 N	B		14	yellow brn	si lt tgrav	60	30	16	210						
	64 N	B		6	m brn	si lt	18	22	10	68						
X	63 N	B		10	dk brn	"	42	28	14	100						
	62 N															
	61 N															
X	60 N	B		12	m brn	"	13	28	12	56						
	59 N															
	58 N															
	57 N															

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Detweiler (lake town)

Line 32E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N															
105 N															
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N															
113 N															
114 N															
115 N															
116 N															
117 N															
118 N															
119 N															
120 N	B	X	18	Hq-y	si.lt.gray	65	240	225	710						
121 N	A		15	blk-dk.gy	si.lt.brx	140	145	130	560						
122 N	A		12	Blk	si.lt+ash	14	23	10	42						
123 N	A		10	blk	si.lt.org	10	13	2	29						
124 N	A		12	blk	si.lt+org	12	14	2	32						
125 N															

GIA
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Detailed lake trav

Line 32E

Station	Horizon	Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N														
127 N														
128 N														
129 N	A	14	blk	si. H	240	140	125	1200						
130 N	A	12	blk	si/H	100	82	67	570						
131 N	A	14	blk	si/H	72	39	23	250						
132 N	A	12	blk	si/H tash	—	IS	—							
133 N														
134 N														
135 N														
136 N														
137 N														
138 N														
139 N														
140 N														
141 N														
142 N														
143 N														
144 N														
145 N														
146 N														
147 N														
148 N														
149 N														
150 N														

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Line 32E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N					16	46	31	270						
74 N					30	77	63	210						
73 N					18	34	19	130						
72 N														
71 N														
70 N														
69 N														
68 N														
67 N														
66 N														
65 N														
64 N														
63 N														
62 N														
61 N														
60 N														
59 N														
58 N														
57 N														

Line 32E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Fe a Present?	Ash Present?
100 N														
99 N														
98 N														
97 N														
96 N														
95 N														
94 N														
93 N														
92 N														
91 N														
90 N					120	26	9	100						
89 N					335	45	28	260						
88 N					57	60	41	290						
87 N					58	170	150	500						
86 N					90	170	150	330						
85 N					89	75	58	260						
84 N					73	49	31	180						
83 N					43	64	49	210						
82 N					16	53	40	280						
81 N					14	35	23	260						
80 N					30	34	19	100						
79 N					13	32	18	130						
78 N					16	35	20	180						
77 N					11	33	20	140						
76 N					23	54	38	180						

Detwiler ?

Line 36E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N	A		9	blk	s.lt trash	60	93	71	125						
105 N	A		8	dk gry	s.lt	64	86	72	260						
106 N	B	X	10	"	s.lt+rx	250	720	700	1300						
107 N															
108 N	B	X	8	dk gry	s.lt	72	370	358	230						
109 N															
110 N	B		6	brn	s.lt	600	12600	12600	2150						
111 N	B	X	9	dk gry	s.lt	330	5500	5500	3000						
112 N															
113 N	B		8	brn	"	220	370	355	880						
114 N	B		10	brn	s.lt+rx	240	355	335	1400						
115 N	B		8	"	"	250	345	320	2750						
116 N															
117 N	B	X	6	gry	"	5550	5150	5150	5600						
118 N	B	X	4	"	"	6000	840	810	10,000						
119 N	B	X	4	"	"	8100	4900	4900	6400						
120 N	B	X	4	"	"	3600	5800	5800	11,000						
121 N	B	X	6	"	"	600	1300	1300	3900						
122 N	A		10	brn	s.lt+rash	61	22	7	125						
123 N															
124 N	Bmix		12	gry	s.lt+rash	54	140	125	100						
125 N															

Line 365

Detailer ?

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash Present?
126 N															
127 N	B	X	7	gray	silt	105	370	350	550						
128 N															
129 N															
130 N															
131 N	B	X	12	"	"	30	30	15	54						
132 N															
133 N															
134 N	B		4	dk brn	silt	220	525	505	1100						
135 N	B	X	8	dk gray	"	420	730	710	2600						
136 N	A		10	blk	"	305	300	285	2100						
137 N	B	X	8	gray	silt + gravel	77	88	70	1250						
138 N	C		10	—	rock + minor silt	145	720	700	780						
139 N															
140 N	A		4	blk	silt	29	20	4	53						
141 N															
142 N															
143 N															
144 N															
145 N															
146 N	B	X	8	gray	silt	8	15	2	62						
147 N	B		16	m brn	"	20	26	5	300						
148 N	B		10	lt brn	"	15	23	4	290						
149 N															
150 N	B	X	12	gray	"	31	26	7	155						

Eccles

Line 36E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice present?	Ash present?
75 N	B		20	brn	silt+sx	93	35	23	240						
74 N	B	X	4	gry	silt+sx	37	52	38	155						
73 N	B mix		20	"	silt+veg	43	47	31	160						
72 N															
71 N															
70 N	B	X	8	"	silt	42	45	32	170						
69 N	B		10	brn	silt+sx	78	59	43	160						
68 N	B mix		20	blk	silt	31	29	15	120						
67 N	A		17	"	"	32	24	10	100						
66 N	B	X	10	gry	silt+sx	20	19	8	120						
65 N															
64 N	B	X	8	gry	silt+ash	13	23	10	77						
63 N															
62 N															
61 N															
60 N	A		12	blk	silt+ash	20	15	5	17						
59 N															
58 N															
57 N															

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Eccles

Line 36E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Fe a Present?	Ash Present?
100 N														
99 N	B	12	brn	silt	33	64	43	210						
98 N	B	2	"	"	24	76	50	330						
97 N	B	6	"	"	24	57	33	1150						
96 N	B	4	"	"	35	41	23	860						
95 N	B	8	"	"	51	54	34	600						
94 N														
93 N	B	20	"	silt + ash	55	21	2	160						
92 N	B	4	brn	silt	410	275	255	520						
91 N	B	10	brn	silt	36	61	48	360						
90 N	B	8	"	"	74	65	51	350						
89 N	B	4	"	"	53	39	28	270						
88 N	B	4	"	"	18	21	9	120						
87 N	B	4	"	"										
86 N														
85 N	B	8	"	"										
84 N	B	6	"	"	35	63	50	360						
83 N	B	6	"	"	31	52	34	155						
82 N	B	6	"	"	190	34	23	105						
81 N	B	8	"	"	63	60	48	175						
80 N	B	8	"	silt+ash	290	60	46	200						
79 N	B	8	"	"	22	32	19	160						
78 N														
77 N														
76 N	B	12	"	"	16	23	10	125						

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Detwiller (late flow)

Line 366

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N														
102 N														
103 N														
104 N														
105 N														
106 N														
107 N														
108 N														
109 N														
110 N														
111 N														
112 N														
113 N														
114 N														
115 N														
116 N														
117 N														
118 N														
119 N														
120 N														
121 N														
122 N														
123 N	A	12	black	silt + ash	73	70	55	160						
124 N														
125 N	B+A	14	dk br	silt + ash	88	550	530	340						

Detweiler (left trail)

Line 36E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N			~~ n	frs?		91	260	245	360						
127 N															
128 N	B	X	14	gvey	silt gray	100	490	480	640						
129 N	B	X	16	dk gey	silt	33	60	46	260						
130 N	A		17	blk	silt + ash	22	20	10	47						
131 N															
132 N	A		14	blk	silt + ash	73	38	25	88						
133 N	B	X	12	dk gey	silt	36	56	41	220						
134 N															
135 N															
136 N															
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Lickes

Line 40E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N															
74 N															
73 N															
72 N	B	X	8	gry	si. lt + rx	43	28	12	120						
71 N	B	X	8	"	"	76	43	28	165						
70 N															
69 N															
68 N	B	X	C	dk gry	si. lt	65	31	16	200						
67 N															
66 N	B		8	brn	si. lt + rx	84	44	25	200						
65 N	B		8	"	"	75	47	27	200						
64 N	B		10	"	"	44	35	18	130						
63 N	A		12	blk	si. lt	54	31	12	155						
62 N	B	X	10	gry	"	47	36	18	226						
61 N															
60 N	B	X	8	"	"	21	18	2	125						
59 N															
58 N															
57 N															

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Eccles

Line 40E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea R Present?	Ash Present?
100 N															
99 N	A		20	blk	silt	61	18	2	53						
98 N															
97 N	B	X	18	grey	"	15	64	46	215						
96 N	B		4	brn	"	40	155	135	240						
95 N	B		6	"	"	16	56	37	510						
94 N	B		8	"	"	15	47	29	230						
93 N	B		6	"	"	240	115	95	570						
92 N															
91 N	B	X	8	grey	silt+sx	92	63	43	670						
90 N	B	X	8	grey	"	105	54	37	260						
89 N	B	X	8	"	"	205	115	94	350						
88 N															
87 N						24	43	26	240						
86 N															
85 N						14	41	25	295						
84 N															
83 N															
82 N	B	X	10	"	"	48	62	42	210						
81 N															
80 N															
79 N															
78 N	B	X	6	"	"	20	21	6	130						
77 N	B	X	10	"	"	82	83	65	280						
76 N															

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Deburlks

Line 40E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N	A	12	blk	silt	120	88	66	480						
102 N	A	10	"	"	68	140	120	295						
103 N														
104 N	A	14	"	"	72	84	64	250						
105 N	A	11	"	"	240	480	460	1250						
106 N	B	16	mbr	"	170	420	400	580						
107 N	B	8	lt br	"	81	330	210	470						
108 N														
109 N	A	12	blk	"	89	140	120	490						
110 N														
111 N														
112 N	B	22	dk br	"										
113 N	B	24	lt br	"	67	420	400	790						
114 N	B	10	lt br	"										
115 N														
116 N	B	10	lt br	"	135	530	520	470						
117 N	B	8	m br	grav	5950	6200	6200	3700						
118 N	A	4	dk br	"	4500	7200	7200	5600						
119 N														
120 N														
121 N														
122 N														
123 N	B	14	dk br	silt	180	270	255	165						
124 N														
125 N														

35-A

Line 40E

Dechutter

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B		12	dk br	silt	29	45	29	34						
127 N															
128 N															
129 N															
130 N	B	X	14	grey	sandy gravel	270	840	815	2600						
131 N	A		12	blk	silt	550	625	605	4100						
132 N	A		20	"	"	480	810	785	3200						
133 N	B		26	dk brn	"	390	445	425	2200						
134 N	A		18	blk	"										
135 N	B		20	dk br	"										
136 N															
137 N															
138 N															
139 N															
140 N															
141 N	A		20	blk	silt	200	74	53	1700						
142 N															
143 N															
144 N															
145 N (3 or 143)	B		15	dk br	silt	53	55	34	155						
146 N															
147 N	B	X	14	grey	silt	31	31	9	160						
148 N	B	X	10	"	"	26	34	15	150						
149 N	B	X	12	"	"	37	33	16	150						
150 N	B	X	14	"	"	45	36	21	210						

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Line 40E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N															
74 N															
73 N															
72 N	B	X	10	dk gry	s. H	59	40	27	130						
71 N	B	X	10	"	"	80	41	28	160						
70 N															
69 N	B	X	12	"	"	48	19	9	81						
68 N	B	X	10	"	"	85	43	33	220						
67 N															
66 N	B		8	brn	s. lt trx	79	48	36	190						
65 N	B		10	"	"	80	51	38	205						
64 N	B		10	"	"	48	40	27	140						
63 N	B mix		8	dk gry	s. lt brn	55	38	25	190						
62 N	B	X	9	gry	s. lt	35	41	23	170						
61 N	B	X	8	"	"	18	27	15	74						
60 N	B	X	8	"	"	29	28	16	150						
59 N															
58 N															
57 N															

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Eccles

Line 40E

Station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N	B	X	8	grey	silt	49	72	59	220						
99 N															
98 N															
97 N															
96 N															
95 N															
94 N															
93 N															
92 N	B		10	brn	"	71	64	50	210						
91 N	B	X	10	grey	silt sand	160	79	64	820						
90 N	B	X	12	dk grey	"	140	58	45	25						
89 N															
88 N															
87 N	B	X	12	"	"	66	33	20	120						
86 N															
85 N															
84 N															
83 N															
82 N	B	X	12	"	"	53	38	23	80						
81 N															
80 N															
79 N															
78 N															
77 N	B	X	8	"	"	78	76	61	245						
76 N															

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Eccles late trip

Line 405

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N															
105 N															
106 N															
107 N															
108 N															
109 N															
110 N															
111 N															
112 N	B	X	16	grey	silt+cx	500	1850	1850	210						
113 N															
114 N	B		12	brn	s.H	63	295	280	410						
115 N	B		10	"	"	44	60	44	87						
116 N															
117 N															
118 N															
119 N	B		10	"	"	100	565	545	1100						
120 N															
121 N															
122 N															
123 N															
124 N															
125 N															

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Feeles

Line 40E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N															
135 N	B	X	15	grey	s.H	280	540	520	2600						
136 N	B		10	brn	s.H	34	40	25	370						
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

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Defeuilles

Line 44E

Station	Horizon	Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N														
101 N														
102 N														
103 N														
104 N	B	20	dk brn	s. lt	155	290	270	400						
105 N	A	14	blk	"	165	38	23	105						
106 N														
107 N	B	18	dk brn	s. lt + some ash	79	52	36	85						
108 N	A	21	blk	"	46	38	23	55						
109 N	A	16	blk	s. lt	87	245	230	250						
110 N	A	16	"	"	135	280	265	390						
111 N														
112 N	B	14	lt brn	s. lt + grav	350	1900	1900	3400						
113 N	A	12	blk	s. lt	350	1150	1150	2100						
114 N	A	14	"	" + ash	270	200	185	500						
115 N	A	10	lt brn	s. lt	20	50	40	125						
116 N														
117 N	B	14	dk brn	s. lt + grav	1800	5300	5300	4400						
118 N	B	10	m brn	"	2000	8400	8400	570						
119 N														
120 N	B	8	"	s. lt	5150	9600	9600	3650						
121 N	B	14	"	s. lt + rx	3300	7600	7600	3300						
122 N														
123 N	A	10	blk	s. lt	75	190	180	70						
124 N														
125 N	A	12	"	"	76	130	115	135						

Detwiler

Line 44E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N	B	X	6	grey	s. lt	67	68	49	630						
134 N	B		8	lt brn	s. lt	29	35	17	135						
135 N	B	X	14	grey	sand	25	45	28	300						
136 N															
137 N	B		8	lt brn	s. lt	47	42	24	270						
138 N	B		10	"	"	42	32	12	225						
139 N	B		10	"	"	48	39	20	280						
140 N															
141 N															
142 N															
143 N	B		12	m brn	"	51	39	19	700						
144 N	B		8	lt brn	"	35	31	15	160						
145 N	B		16	m brn	"	40	29	11	370						
146 N	B		10	lt brn	"	14	28	13	170						
147 N	A		4	grey-blk	s. lt	16	14	3	58						
148 N															
149 N															
150 N															

Detweiler

Line 44E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N	A		10	blk	si lt	31	19	7	48						
74 N	B		12	lt br	si lt	85	94	74	325						
73 N	B	X	14	blk	si lt	14	14	2	43						
72 N	A		12	blk	si lt trash	14	11	2	35						
71 N	B	X	12	gray	si lt	45	30	12	170						
70 N	B	X	12	gray blk	si lt	145	64	39	245						
69 N	A		10	blk	si lt	150	36	18	160						
68 N	B		15	med br	"	29	15	2	27						
67 N	B		10	lt br	si lt tr gran	60	63	37	220						
66 N															
65 N	B		8	dk br	si lt tr gran	78	40	22	250						
64 N	B	X	10	gray br	si lt	83	56	37	210						
63 N	B	X	9	gray	si lt fine gran	84	57	35	230						
62 N	A		12	blk	si lt	205	23	5	360						
61 N	B	X	8	Grey	sand	34	36	20	160						
60 N	B	X	8	"	sand tr gr	33	32	12	125						
59 N															
58 N															
57 N															

Debuller

Line 44E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea Present?	Ash Present?
100 N															
99 N	B		12	m br	silt	24	67	46	350						
98 N	B		8	"	"	32	79	61	300						
97 N	B		11	"	"	23	86	70	1150						
96 N	B		14	"	"	145	130	110	690						
95 N	B mix		16	"	silt+ash	31	69	54	400						
94 N	B		10	lt br	silt	21	39	14	500						
93 N															
92 N	B		12	dk br	"	28	38	17	300						
91 N															
90 N	A		10	blk	"	20	20	4	33						
89 N	B		12	dk br	"	120	135	115	170						
88 N	B	X	12	grey	"	110	125	105	370						
87 N															
86 N	A		5	blk	ash+silt	25	20	8	44						
85 N															
84 N															
83 N															
82 N	A		12	blk	silt	14	14	2	20						
81 N															
80 N	B		8	lt br	"	30	35	18	150						
79 N															
78 N	A		10	blk	silt	26	16	2	59						
77 N	A		10	blk	silt+ash	34	25	12	110						
76 N	B		14	dk br	silt+sand	44	23	4	65						

Eccles late trial

Line 44E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	Bmix		14(	brn	si.Htash	75	115	100	55						
127 N															
128 N															
129 N															
130 N	B	X	12	grey	si.Htash	20	35	21	88						
131 N															
132 N															
133 N															
134 N															
135 N															
136 N															
137 N															
138 N															
139 N															
140 N															
141 N															
142 N															
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

note: notes say sample should be 130N but shipment records and results have 131N but no 130N - there is no record of 130N ever having been shipped at any time.

Eeclos

Line 48E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N	B	X	8	gray	silt+rx	115	185	160	265						
104 N	B	X	18	"	"	51	150	135	245						
105 N	B		16	brn	"	49	51	37	105						
106 N	B		8	"	"	135	300	285	300						
107 N	B	X	12	dk gray	silt	87	75	61	100						
108 N	B	X	12	"	silt	74	180	165	230						
109 N	B mix		8	"	silt+ash	88	200	180	290						
110 N	B	X	16	dk gray	silt+rx	150	325	305	420						
111 N	A		20	blk	silt	1350	3400	3400	1950						
112 N	B		10	brn	silt	265	475	460	670						
113 N	B	X	14	gray	silt+rx	850	2400	2400	1650						
114 N	C		20	brn	silt+rx	60	610	600	390						
115 N	B	X	12	blk	silt	660	1950	1950	2250						
116 N	B	X	10	gray	silt+rx	410	515	500	2500						
117 N	B	X	6	"	"	710	2100	2100	2300						
118 N	B	X	8	"	"	260	720	710	1950						
119 N	A		12	blk	silt	645	1700	1700	2250						
120 N						490	1800	1800	1050						
121 N	B	X	8	gray	"	650	1000	1000	3200						
122 N	A		12	blk	silt	44	65	47	360						
123 N	B	X	8	gray	silt+rx	46	60	44	750						
124 N															
125 N															

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pg

Eccles

Line 488

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B	X	4	grey	s.l/l sand	39	56	38	680						
127 N															
128 N	B	X	6	"	"	40	33	13	200						
129 N	B mix		8	brn	s.l/l+org	42	33	18	380						
130 N	B		2	brn	s.l	46	37	19	170						
131 N	B		2	"	"	18	22	17	79						
132 N															
133 N															
134 N															
135 N	B		6	"	"	19	60	42	510						
136 N	B		10	"	"	10	33	14	135						
137 N	B		10	"	"	12	30	13	290						
138 N															
139 N															
140 N															
141 N	B		8	"	"	6	19	6	100						
142 N															
143 N	B	X	8	grey	s.l	5	15	2	37						
144 N	B	X	10	"	"	8	27	13	130						
145 N	B	X	12	grey	clay+sand	10	20	5	125						
146 N															
147 N															
148 N															
149 N															
150 N															

Eccles

Line 45E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
75 N	B	X	10	grey	Slt	40	37	21	105						
74 N	B	X	12	"	"	60	64	50	100						
73 N	B	X	10	"	"	26	27	15	100						
72 N	B	X	1	"	"	50	45	30	165						
71 N															
70 N	B	X	6	"	"	44	52	56	215						
69 N															
68 N	B	X	3	"	"	46	38	21	180						
67 N	B	X	surface	"	Si Lt + sand	42	24	5	110						
66 N	B		surface	brn	"	34	33	13	230						
65 N	B	X	6	grey	"	65	120	105	200						
64 N															
63 N	B	X	6	grey	Si Lt + sand	53	27	15	170						
62 N	B	X	8	"	Si Lt	20	17	2	100						
61 N	B	X	8	"	"	22	22	10	140						
60 N															
59 N															
58 N															
57 N															

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Eccles

Line 48E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea Present?	Ash Present?
100 N															
99 N	B		8	brn	s. lt	18	39	28	195						
98 N	B		8	"	"	30	54	40	380						
97 N	B		10	"	"	28	27	11	51						
96 N	B		8	"	"	42	64	53	210						
95 N	B		8	lt brn	"	48	70	59	160						
94 N	B	X	10	grey	s. lt loam	115	59	49	69						
93 N															
92 N															
91 N	B		20	brn	s. lt	36	31	16	280						
90 N															
89 N															
88 N	B	X	8	grey	"	49	65	48	140						
87 N	B		8	brn	"	69	51	37	120						
86 N	B	X	10	grey	"	62	35	24	140						
85 N															
84 N															
83 N	B	X	10	"	"	37	46	34	150						
82 N															
81 N	B	X	6	"	"	66	37	23	160						
80 N	B	X	8	"	"	50	32	19	110						
79 N															
78 N	B	X	8	"	"	50	37	22	120						
77 N															
76 N	B	X	8	"	"	50	41	26	170						

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D. Smith

Line 48E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N															
103 N															
104 N	B	X	12	dk gry	silt	59	150	140	210						
105 N															
106 N	B		10	lt brn	"	94	280	270	290						
107 N	B	X	14	dk gry	"	58	52	41	54						
108 N															
109 N															
110 N	B	X	16	dk gry	"		— NS —								
111 N															
112 N															
113 N															
114 N	B	X	21	"	"		— NS →								
115 N															
116 N	B	X	14	"	"	420	590	580	3200						
117 N	B	X	12	"	"		— NS —								
118 N	B		18	gry brn	"	360	1600	1600	2200						
119 N		X													
120 N															
121 N	B	X	2	dk gry	"		— NS —								
122 N															
123 N	B	X	14	gry	"	49	60	49	240						
124 N															
125 N															

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Detwiller

Line 48E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N	B	X	12	dk gry	silt	290	165	150	1800						
128 N						—	NS	—							
129 N	B		8	dk brn	"										
130 N	B		2	brn	"	—	NS	—							
131 N															
132 N	B	X	16	dk gry	"	14	19	9	56						
133 N															
134 N															
135 N	B		12	brn	"	—	NS	→							
136 N	B	X	14	gry brn	"	11	27	16	105						
137 N	B		12	m br	"	—	NS	→							
138 N															
139 N															
140 N	B		14	"	"	18	30	17	330						
141 N	B		12	"	"	18	29	18	190						
142 N	B	X	12	dk gry	silt	7	25	14	53						
143 N	B	X	14	gry	silt	—	NS	—							
144 N	B		12	dk brn	silt + sand	12	31	19	180						
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

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Eccles

Line 52E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N	B	X	2	gray	silt+sand	57	32	17	160						
74 N	B	X	2	"	"	87	36	21	200						
73 N	B	X	10	"	"	45	27	11	190						
72 N															
71 N	B	X	2	"	clay	91	39	20	185						
70 N	B		6	brn	silt+x	58	23	7	130						
69 N															
68 N															
67 N	B		12	brn	silt+x	140	20	4	110						
66 N															
65 N															
64 N	B		10	"	"	14	19	4	105						
63 N	B	X	8	gray	"	14	21	5	140						
62 N															
61 N	B mix	X	10	gray	silt+ash	28	20	6	100						
60 N	B	X	8	"	silt+x	10	15	2	105						
59 N															
58 N															
57 N															

Eccles

Line 52E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
100 N	B	X	20	grey	silt + sand	43	22	11	56						
99 N															
98 N	B	X	14	"	"	36	49	35	145						
97 N															
96 N															
95 N	B	X	10	"	"	20	33	19	81						
94 N															
93 N	B	X	12	dk grey	"	44	120	103	130						
92 N															
91 N															
90 N	B	X	6	"	"	20	33	17	215						
89 N															
88 N	B	X	8	"	"	19	29	13	84						
87 N	B	X	6	grey	"	19	47	29	170						
86 N															
85 N	B	X	8	grey	silt + x	120	49	32	330						
84 N															
83 N	B		2	brn	"	73	32	14	170						
82 N	B	X	2	grey	"	41	27	5	130						
81 N	B	X	6	"	"	37	44	27	170						
80 N															
79 N															
78 N															
77 N															
76 N	B	X	6	"	silt + sand	45	28	13	92						

Detailer - Eccles

Line 52E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N	B	X	20	dk gry	silt	45	28	17	70						
101 N	B	X	12	"	sand+silt	30	61	50	180						
102 N															
103 N	A		8	blk	silt	120	150	135	470						
104 N	B		12	dk brn	silt	130	70	57	140						
105 N	B	X	18	dk gry	silt	64	50	37	100						
106 N															
107 N															
108 N															
109 N	A		10	blk	silt	74	91	80	180						
110 N	B	X	20	dk gry silt	silt	105	140	130	230						
111 N	A		12	silt	"	160	260	245	260						
112 N	B	X	20	gry	silt some sand + ash	46	60	49	100						
113 N	B	X	8	m gry	silt	59	145	135	240						
114 N	A		10	blk	"	120	155	145	270						
115 N															
116 N															
117 N	B	X	9	m gry	"	400	1800	1800	1900						
118 N	B	X	16	"	"	190	690	680	1300						
119 N	B	X	10	dk gry	"	160	210	200	1250						
120 N	B	X	14	m gry	silt	140	160	150	760						
121 N															
122 N	B		8	brn	silt	120	50	35	390						
123 N	B	X	4	gry	silt+rx	37	27	14	130						
124 N	B	X	3	gry	sand+silt	15	28	17	130						
125 N	B	X	8	"	"	43	41	26	230						

Detweiler Creeks

Line 52E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N	B		12	brn	silt	38	41	27	305						
127 N	B		10	"	"	20	34	22	260						
128 N	B		8	"	silt + ash	22	37	24	110						
129 N	B		8	"	"	18	29	18	56						
130 N															
131 N															
132 N															
133 N															
134 N	B		6	"	silt	9	19	10	66						
135 N	B		8	"	"	8	23	13	45						
136 N															
137 N	B		10	"	"	13	19	10	75						
138 N	B		10	"	"	14	24	14	265						
139 N															
140 N															
141 N	B		8	"	"	32	33	19	555						
142 N	B	X	8	dk gray	"	36	19	8	140						
143 N	B		10	brn	"	22	27	14	325						
144 N	B		8	"	"	13	25	14	150						
145 N	B		8	"	"	16	24	10	180						
146 N															
147 N															
148 N															
149 N															
150 N															

Datwiller

Line 56E

station	Horizon	depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Fire Present?	Ash Present?
75 N														
74 N														
73 N	B	15	lt br	slt	13	21	9	56						
72 N	B	12	gray-brn	sandy	10	21	7	39						
71 N	B	14	lt br	slt	10	20	8	86						
70 N	B	12	"	"	25	30	13	130						
69 N	B	8	"	"	17	26	10	110						
68 N	B	10	"	"	14	22	8	105						
67 N	B	10	"	"	20	25	11	115						
66 N	B	8	"	"	36	27	12	125						
65 N	B	12	m brn	"	33	24	8	110						
64 N														
63 N	A	9	blk	"	40	12	2	78						
62 N														
61 N														
60 N	A	10	blk	"	22	14	2	33						
59 N														
58 N														
57 N														

Detweiler

Line 56E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ea Present?	Ash Present?
100 N	A		12	blk	si lt	50	10	2	18						
99 N	A		12	"	"	51	31	20	41						
98 N	A		14	"	" trash	14	14	3	23						
97 N															
96 N															
95 N															
94 N	B		16	lt br	si lt trash	20	27	14	135						
93 N	A		12	blk	"	22	14	3	32						
92 N	B	X	14	gray	" trash	56	42	26	245						
91 N	A		3	gray	sand	32	28	13	130						
90 N															
89 N															
88 N															
87 N															
86 N	A		10	blk	silt	37	33	19	155						
85 N	B	X	12	gray	sand & grav	63	34	17	165						
84 N	B	X	14	"	silt + sand	38	40	26	145						
83 N	B		14	m br	sand & grav	43	30	16	210						
82 N	B		12	"	"	35	26	11	180						
81 N															
80 N															
79 N	B		14	lt br	si lt	5	9	2	11						
78 N															
77 N	B		10	dk br	"	27	24	12	130						
76 N	B	X	13	gray-lt br	"	9	12	2	27						

Detwiller

Line 56E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N	B	X	8	lt gray	silt	89	155	140	310						
102 N															
103 N	B	X	8	"	"	115	225	210	335						
104 N															
105 N	B	X	4	"	"	38	61	49	180						
106 N	B	X	16	"	"	49	49	35	130						
107 N	B	X	12	"	"	17	19	9	57						
108 N															
109 N															
110 N	B	X	8	grey	silt	36	34	20	155						
111 N	B	X	4	grey	clay	54	38	21	220						
112 N															
113 N															
114 N															
115 N	B	X	6	"	silt & sand	43	33	18	260						
116 N	B	X	8	dk grey	silt	20	25	13	110						
117 N	B	X	6	"	silt & sand										
118 N	B	X	12	"	silt	41	33	19	155						
119 N	B	X	3	"	sand silt	91	80	63	550						
120 N	B		22	m brn	silt										
121 N	B		10	brn	silt + ash + sand	28	23	12	75						
122 N	B	X	14	m grey	silt	31	29	17	120						
123 N	B		2	m brn	"	20	30	16	125						
124 N	B		14	"	"										
125 N															

41Δ
p5

Detwiler

Line 56E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N	B	X	6	grey	silt	15	19	8	54						
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N	B	X	12	dk grey	silt	13	14	5	49						
135 N															
136 N															
137 N															
138 N	B	X	16	dk grey	silt										
139 N															
140 N															
141 N	B		12	dk brn	silt	26	19	7	24						
142 N	B		10	11	11	13	21	9	140						
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

41A
p5

Eccles lake trail

Line 56E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
124N	B		10	grn	si H	16	27	12	130						
126 N	B		12	brn	si H	22	30	15	130						
127 N															
128 N															
129 N															
130 N															
131 N															
132 N															
133 N															
134 N															
135 N	B	X	12	grey	si H	5	8	7	45						
136 N															
137 N															
138 N	B		10	brn	si H	3	11	2	13						
139 N															
140 N															
141 N															
142 N	B		10	brn	si H	9	22	10	120						
143 N															
144 N															
145 N															
146 N															
147 N															
148 N															
149 N															
150 N															

Eccles

Line 60E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Fe a Present?	Ash Present?
100 N															
99 N															
98 N	B	X	8	grey	silt+sand	12	19	10	47						
97 N	B	X	4	"	"	45	46	28	265						
96 N	B	X	2	"	"	55	47	33	305						
95 N	B	X	2	"	"	49	34	18	230						
94 N															
93 N	B	X	2	"	"	83	40	23	365						
92 N															
91 N															
90 N															
89 N															
88 N	B	X	4	"	"	17	24	9	42						
87 N	B	X	8	"	"	29	24	12	92						
86 N	B		8	brn	silt+rx	26	46	36	140						
85 N	B	X	8	grey	"	40	29	15	130						
84 N															
83 N															
82 N	B mix		6	grey	silt+ash	10	14	2	43						
81 N															
80 N	B		2	brn	silt	73	35	8	930						
79 N	B		8	"	silt+rx	25	29	17	85						
78 N	B	X	6	grey	"	39	22	8	175						
77 N	B	X	8	"	"	6	12	2	28						
76 N	B	X	8	"	silt	8	14	4	40						

rusty stain @ 80N

Eccles

Line 60E

station	Horizon		depth	color	texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	horizon development	Ice Present?	Ash Present?
75 N															
74 N															
73 N	B	X	10	grey	si. lt	11	15	2	47						
72 N	B mix		8	"	si. lt tash	11	12	3	29						
71 N	B	X	10	"	si. lt	9	15	4	42						
70 N	B	X	8	"	si. lt + sx	14	12	3	28						
69 N	B	X	8	"	"	26	20	10	80						
68 N	B	X	6	"	"	7	13	2	32						
67 N	B		6	brn	"	8	14	3	45						
66 N															
65 N	B	X	8	grey	"	15	24	10	87						
64 N															
63 N															
62 N	A		12	blk	si lt tash	17	15	3	44						
61 N	A		12	"	"	35	25	6	23						
60 N															
59 N															
58 N															
57 N															

Detweiller

Line 60E

Station	Horizon		Depth	color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice Present?	Ash Present?
100 N															
101 N															
102 N	B	X	1	dk grey	sand	31	25	12	140						
103 N	B	X	6	"	silt+sand	89	57	43	270						
104 N	B	X	6	"	"	49	43	29	210						
105 N															
106 N	B	X	12	grey	silt+ash	11	18	9	53						
107 N															
108 N															
109 N	B	X	10	dk grey	silt	49	50	38	20						
110 N	B	X	12	grey	silt+sand	42	56	41	415						
111 N	B	X	10	grey	sand	46	54	40	365						
112 N	B	X	6	grey	"	30	27	14	130						
113 N															
114 N															
115 N															
116 N															
117 N	B	X	12	dk grey	silt	30	19	8	115						
118 N															
119 N	B		14	m br	silt+sand	23	23	10	190						
120 N	B	X	18	m grey	silt	8	18	9	62						
121 N															
122 N															
123 N															
124 N															
125 N															

Line 60E

Station	Horizon		Depth	Color	Texture	Cu	uncorrected Pb	corrected Pb	Zn	slope	vegetation	drainage	Horizon development	Ice present?	Ash present?
126 N															
127 N															
128 N	B		12	m brn	silt	13	22	11	110						
129 N	B	X	14	grey	silt	18	22	10	80						
130 N	B		16	blk	silt	28	12	3	83						
131 N															
132 N															
133 N															
134 N	B	X	18	dk grey	silt	19	12	2	21						
135 N															
136 N															
137 N															
138 N															
139 N															
140 N															
141 N	B	X	14	grey	silt	18	28	14	130						
142 N	B		18	lt br	"	18	32	19	130						
143 N	B		10	"	" (ash)	15	33	20	180						
144 N	B		10	m brn	"	15	24	11	110						
145 N	B		12	"	"	18	30	16	115						
146 N	B		10	"	"	20	33	18	115						
147 N															
148 N															
149 N															
150 N															

Cu	uncorr Pb	corr Pb	Zn	Line	Station	Horizon	Color	Texture	Slope	Vegetation	Drainage	Erosion	Parent Material	Notes
48	40	27	70	20W	60N	9" A	Black	Sandy	South East Med	mod Shrubs Trees	Good	poor	B	
28	19	8	120	"	58N	8" (B)?	Grey Brown	Sandy	"	"	Good	Good	B	2" of moss organic, slight impression in hill
	ND			Tin Can	56N	12" A?	Light Brown	Sandy	"	"	Fair	NONE	B	
	NR			"	54N	15" (B)?	Grey	Sand Gravel	"	"	Good	Good	B	
46	27	17	200	"	52N	10" A	Grey	Clay	"	"	Fair	poor	B	Break of Slope to South North side small crack south side crack soil has rocks Thick layer of Ash is below here
34	35	22	320	"	50N	10" (B)?	Grey Brown	Sandy Gravel	South East 160°	"	Good	Fair	B	
24	15	5	60	"	48N	11" A	Grey Light Br.	Ash Sandy	North East	"	Fair	Fair	B	
38	22	11	370	"	46N	5" A	Light Br.	Ash	South East	"	Good	Good	B	
33	14	5	175	"	44N	10" (B)	Med Br.	Sand	"	"	Fair	Fair	B	
	NR			"	42N	12" (B)	Light Br. Grey	Sand	"	"	Fair	poor	B	
21	24	8	250	"	40N	16" (B)	Br.	Sand	"	"	Good	Fair	B	Taken in small clearing soil very rocky some ash in sample
9	11	2	55	"	38N	4" A	Light Br.	Ash	South East 145°	"	Good	poor	B	
18	19	8	285	"	36N	14" (B)	Med Br.	Sand	"	"	Good	Fair	B	
34	28	16	450	"	34N	12" (B)	Light Br.	Sand	"	"	Good	Fair	B	
	NR			"	32N	8" (B)	Light Br.	Sand	"	"	Good	Fair	B	
22	18	9	130	"	30N	11" (B)	Med Br.	"	"	"	Fair	Fair	B	
35	30	16	550	"	28N	8" (B)	Med Br.	Sand	"	"	Good	poor	B	
35	32	18	295	"	26N	10" (B)	Med Br.	Sand	"	"	Good	poor	B	
105	21	12	390	"	24N	9" (B)	"	"	"	"	"	poor	B	
21	22	10	180	"	22N	9" (B)	Med Brown	Gravel Sand	"	"	Fair	Fair	B	Break of Slope Small amount of Ash in sample
32	40	26	165	"	20N	12" (B)	Dk Brown	Sandy	"	"	Good	Fair	B	

120 E. Pacific, Ringwood

Cu	uncorr Pb	corr Pb	Zn	LINE (1)	STATION	HORIZ DEPTH	COLOR	TEXTURE	SLOPE / DIRN.	VEG	DRAINAGE	HORIZ DEV	PROFILE DEV	OTHER
11	14	5	13	L28W	60N	A / 10"	GREY	ASH	↓ 116° GENTLE	WILLOW	GOOD	GOOD	A	
11	10	2	16		58N	A / 10"	〃	〃	〃	〃	〃	〃	A	
19	25	16	41		56N	(B) / 10"?	DARK GREY	CLAY + RX	〃	〃	POOR	POOR	B	
23	23	13	35		54N	A / 8"	GREY	ASH	〃	〃	GOOD	GOOD	A	
39	20	9	175		52N	A / 10"	GREY + BLACK	ASH + VEG	〃	〃	POOR	FAIR	A	
140	34	19	480		50N	(B) / 12"	DARK GREY	CLAY + RX	〃	〃	〃	POOR	B	
35	35	19	190		48N	(B) / 10"	BROWN	SANDY	↓ STP MED	〃	GOOD	FAIR	B	
31	43	25	270		46N	(B) / 8"	〃	〃	〃 MED	〃	〃	〃	B	
	NO		Thrown out		44N	A / 10"	〃	VEG	〃 MED	〃	FAIR	POOR	A	
74	25	13	110		42N	A / 12"	BROWN GREY	VEG ASH	↓ MED	〃	FAIR	FAIR	A	
13	16	6	53		40N	A / 6"	GREY	ASH	↓ STP	TREES	GOOD	GOOD	A	
33	28	14	240		38N	(B) MIX / 6"	BROWN	SAND VEG	↓ 〃	〃	〃	FAIR	C	
45	21	8	190		36N	(B) / 8"	〃	SAND + RX	↓ 〃	〃	〃	GOOD	C	
30	21	7	290		34N	(B) / 8"	〃	〃	〃	〃	〃	POOR	B	
34	27	11	150		32N	(B) / 12"	〃	〃	〃	〃	〃	POOR	B	
12	12	3	75		30N	A / 16"	GREY +	ASH	〃	〃	〃	〃	A	
21	25	10	330		28N	(B) / 10"	BROWN	SAND + RX	〃	〃	〃	〃	B	
37	25	12	335		26N	A / 8"	〃	VEG - SAND	〃	〃	〃	〃	A	
32	42	28	410		24N	(B) / 18"	〃	SANDY	〃	〃	〃	〃	B	
33	16	6	190		22N	(B) MIX / 8"	〃	SAND ASH	〃	〃	〃	FAIR	B	
27	28	16	185		20N	A / 10"	GREY	ASH	〃	〃	〃	〃	B	

48	33	19	250
26	20	7	170
27	32	18	410
25	25	12	600
20	28	14	300
13	21	9	195
20	34	19	240

ND

33	24	11	250
19	14	3	100
39	27	15	125
37	31	19	170
21	16	5	78
5	7	2	9
30	25	13	300
26	32	19	110
20	25	13	530
12	16	6	60
10	10	2	23
60	24	11	100

LINE	STA	HOR/DEP	COLOR	TEX	SLOPE	VEG	DRAIN	HORIZ DEV	PARENT MTL	OTHER
L36W	20N	A/10"	BLACK	SANDY	↓ GENTLE	TREES	GOOD	POOR	A	
THIS SET	22N	A/10"	〃	VEG	〃	〃	FAIR	〃	A	
	24N	A/12"	GREY	ASH	〃	〃	FAIR	FAIR	A	BREAK IN SL
	26N	B/6"	BROWN	SANDY	↓ STP	〃	GOOD	〃	B	BASE OF HI
	28N	B/6"	〃	〃	〃	〃	〃	POOR	B	MOVING UP
	30N	B/10"	〃	〃	〃	〃	〃	〃	B	STP HILL
	32N	B/6"	〃	〃	〃	〃	〃	〃	B	BELOW OUT
	34N	B/4"	〃	〃	〃	〃	〃	〃	B	
THIS SET	36N	A/8"	BLACK	VEG	〃	〃	FAIR	〃	A	
	38N	B/10"	BROWN	SANDY	〃	〃	〃	GOOD	B	
	40N	A/10"	GREY BLACK	VEG ASH	〃	〃	POOR	〃	A	
	42N	A/8"	BLACK	VEG	〃	〃	FAIR	POOR	A	CROSS TO HILL
	44N	B/10"	DARK GREY	CLAY	↓ GENTLE	WILLOW	POOR	GOOD	C	
	46N	B MIX/8"	BROWN	SANDY ASH	↓	〃	GOOD	POOR	B	
	48N	A/16"	GREY	ASH	↘ 150° GENTLE	3H	POOR	GOOD	A	
	50N	B/8" STP	DARK GREY	SANDY	〃	〃	FAIR	POOR	B	
	52N	B/4"	BROWN	〃	〃	〃	GOOD	〃	B	100' FROM S 6N 125 W
	54N	B/8"	〃	GRAVEL	〃	〃	〃	〃	B	100' W OF L
	56N	B/8"	〃	〃	〃	〃	〃	〃	B	
	58N	A/6"	GREY BLACK	VEG ASH	〃	〃	FAIR	FAIR	A	
	60N	B/8"	BROWN	SANDY	〃	〃	GOOD	GOOD	B	

CU	uncorr Pb	corr Pb	ZN
49	22	10	330
120	38	25	650
33	24	12	470
23	21	8	320
33	26	13	150
18	22	9	325
14	23	12	200
12	14	4	80
26	19	10	165
29	20	10	110
19	11	2	35
36	27	16	200
31	13	4	76
23	17	8	67
16	23	11	180
15	22	10	110
15	17	6	43
11	17	6	130
5	9	2	16
3	8	2	8
18	23	11	150

Line	Station	Horizon Depth	Color	Texture	Slope Direction	Vegetation	Drainage	Horizon Development	Parent Material	Other	
L/4W	20N	10" B	Med Brown	Sand	South East 140°	moss shrubs trees	good	poor	B	rocks soil	IN
"	22N	12" B	Dark Brown	Sand	" Slop	"	good	good	B		
"	24N	5" B	Dark Brown	Sand	"	grass	good	poor	B	rock very little clay	
"	26N	8" B	Light Br.	Sand gravel	"	grass shrubs	"	poor	B	" gravel	
"	28N	9" B	Light Br.	Sand rocks	"	"	"	none	B	"	
"	30N	12" B	Reddish Brown	Sand	"	more trees	fair	good	B	Stone angular declining	
"	32N	9" B	Light Brown	Sand	" Med	"	good	fair	B	"	
"	34N	5" B	Med Brown	Sandy	South East Spot ridge	more shrubs trees	Sand	good	B	ridge flat area	
"	36N	10" B	Grey Brown	Sand	"	"	fair	good	B		
"	38N	10" B	Light Brown	Sand	South East, Flat	"	poor	good	B		
"	40N	8" B	Med Brown	Sand	"	"	very poor	fair	A	some Ash Broad small streams	
"	42N	5" B	Light Brown	Clay gravel	"	Lot of shrubs few trees	poor	poor	B		
"	44N	12" B	"	Clay	"	"	very poor	fair	B	Ash in sandy	
"	46N	10" B	Med Brown	Sand	South/east side small hill	"	fair	poor	B		
"	48N	5" B	Light Brown	Sand	South/east top of hill	"	Sand	good	B		
"	50N	10" B	Med Brown	Sand	Flat for ridge	shrubs very few trees	fair	good	B	Flat area between hills	
"	52N	12" B	"	"	"	"	poor	good	B		
"	54N	10" B	Dark Brown	Sand Ash	South east side of hill	"	fair	good	B	8" A4 Ash 2" B Tan Rock	
"	56N	9" A	Med Br. Ash	Ash Sand	North/east slope	"	fair	fair	B	permafrost 9" surface	
"	58N	6" A	Light Brown	Sandy Ash	"	"	poor	Good	B	Rock very little clay	
"	60N	5" AB	Med Brown	Sand	"	"	fair	none	B	Rock, little dirt	

Cu	uncorr Pb	corr Pb	Zn	LINE	STATION	HORIZON DEPTH	COLOR	TEXTURE	SLOPE DIRN	VEG	DRAINAGE	HORIZ DEV.	PARENT MAT.	OTHER
8	11	3	13	L 94W	60N	A/8"	GREY	ASH		GRASS	POOR	GOOD	A	
23	28	16	125		58N	B/6"	BROWN	SAND+KX	3% GENTLE		GOOD	POOR	B	
12	23	11	74		56N	B/8"	"	"	—	WILLOW	"	"	B	
16	26	14	120		54N	B/4"	"	"	2% ALL	"	FAIR	"	B	ON TOP OF A HILL
31	14	3	27		52N	A/8"	"	VEG	"	"	GOOD	POOR	B	
12	22	10	74		50N	B/12"	"	CLAY	—	"	POOR	GOOD	A	
19	21	10	170		48N	B/6"	"	SAND+KX	MED	"	"	"	B	
93	18	9	150		46N	A/8"	BLACK	VEG		"	GOOD	POOR	B	
19	20	9	180		44N	B/6"	BROWN	SAND+KX	"	"	FAIR	"	A	
34	24	12	235		42N	B/6"	"	"	"	"	(GOOD)	(GOOD)	B	
27	19	8	175		40N	B/8"	"	"	"	"	"	POOR	B	
41	26	14	160		38N	B/6"	DARK GREEN	"	"	"	POOR	"	B	
13	11	2	31		36N	A/8"	GREY	ASH	—	"	(GOOD)	"	B	
50	27	16	245		34N	A/10"	"	"	—	TREES	"	GOOD	A	
45	16	6	115		32N	A/6"	BLACK	VEG	MED	"	POOR	FAIR	A	
30	16	6	190		30N	A/8"	BLACK	VEG	STD	"	"	"	A	
29	26	14	190		28N	B/6"	GREY	ASH	"	"	FAIR	GOOD	A	
59	17	6	88		26N	A/8"	DARK GREY	SAND+KX	"	"	GOOD	FAIR	B	
33	14	3	170		24N	B/12"	BLACK	VEG	"	"	FAIR	"	A	
34	22	9	410		22N	B/6"	BROWN	GRAVEL	"	"	(GOOD)	"	B	
135	20	8	280		20N	B/10"	"	SAND	"	GRASS	"	"	B	
							"	"	"	WILLOW	"	"	B	

3M Brand Products

Cu	uncorr Pb	corr Pb	Zn	Line	Station	Horizon	Color	Texture	Structure / Air	UEG	DRAIN	HORIZON PARAM		OTHER
16	24	13	100	52W	60N	6" (B)	Mod Br	Gravel	North West	Gentle	Poor	POOR	BCD	
17	24	12	130	"	58N	5" (B)	Lt Br	Sand Gravel	North-West	"	"	"	AL	
15	17	7	43	"	56N	11" A	Br Black	Sand	South West	"	FAIR	MOD	B.D	
21	24	13	150	"	54N	10" (B)	Grey Brown	Ash clay Gravel	"	"	"	FAIR	AL	
14	21	11	105	"	52N	14" (B)	Med Brown	Sand clay	"	"	"	"	"	
36	27	18	52	"	50N	5" A	Black	Stained	"	"	Poor	Poor	Alkali	
32	28	16	185	"	48N	10" (B)	Grey Brown	Clay	South West	"	"	"	" "	
25	21	11	100	"	46N	8" (B)	"	"	"	"	"	"	" "	
25	23	11	185	"	44N	10" (B)	"	"	North West	"	"	"	" "	
20	24	13	100	"	42N	12" (B)	Grey Brown	Gravel	" Flat	"	FAIR	FAIR	BCD+AL	
18	23	17	80	"	40N	10" (B)	"	"	Flat	"	"	"	" "	
15	20	10	93	"	38N	9" (B)	Med Br	Gravel clay	North/West very gentle	"	"	Poor	" "	
23	28	17	210	"	36N	9" (B)	Light Br	Sand	Sou/W	"	"	"	OR+AL	
20	25	4	355	"	34N	14" (B)	Med Br	Sand	" Gentle	"	"	FAIR	BCD	
17	19	9	210	"	32N	12" (B)	Red Brown	Sand	South med Slop	"	"	"	"	
21	13	4	90	"	30N	5" (B)	Red Brown	Sand	South Steep	"	"	POOR	ALKOR	
17	19	7	110	"	28N	12" (B)	"	"	"	"	POOR	"	OR	Hardly little wash
14	18	9	58	"	26N	10" (B)	Med Br	Sand	"	"	FAIR	"	BCD	
33	28	15	180	"	24N	10" (B)	Grey Brown	Sand Clay	"	"	"	"	OR	
31	32	21	195	"	22N	8" (B)	Med Br	Sand	"	"	"	"	"	
23	29	17	120	"	20N	11" (B)	Light Br	Sand gravel	"	"	"	"	"	"

LINE	STA	HOR DELTA	COLOR	TEXT	SUBSOIL	USCS	DRAIN	HORIZON		OTHER
600W	60N	B/6"	GR	SANDY	FLAT	CL	POOR	POOR	BED	
	58N	B/6"	GR	SILT	FLR	"	"	"	AL	
	56N	B/6"	BR	SILT	FAIR	"	FAIR	MOD	BED	
	54N	B/6"	GR	"	"	"	"	FAIR	AL	
	52N	B/6"	GR	"	"	"	"	"	"	
	50	B/10"	BL	SILTY	"	"	POOR	POOR	ALHOR	
	48	B/10"	GR+BL	" "	FLAT	"	"		" "	
	46	B/6"	" "	" "	"	"	"	"	" "	
	44N	B/8"	BR	SANDY	"	"	"	FAIR	BED+AL	
	42	B/8"	GR/BR	SILTY	GENTLY	"	FAIR	"	" "	
T.A.	40	B/8"	BR+BL	" "	"	"	"	POOR	" "	
	38	B/6"	BL	OR+SILT	"	"	"	"	OR+AL	
	36	B/4"	BR	SILTY+SANDY	"	"	"	FAIR	BED	
	34	B/6"	"	" "	"	"	"	"	"	
	32	B/12"	BR+BL	SILTY	"	"	"	POOR	AL+OR	
THROWN OUT	30	B/12"	BL	OR	"	"	POOR	"	OR	Thinly (rocks)
	28	B/8"	BL+BR	OR+SILT	"	"	FAIR	"	OR+AL	
	26	B/6"	BL	OR	"	"	"	"	OR	
	24	B/6"	BL	"	"	"	"	"	"	
This pit	22	B/12"	"	"	"	"	"	"	"	"
	20	B/10"	BL	"	"	"	"	"	"	

27	22	11	115
5	8	2	7
15	24	14	110
2	8	2	9
33	21	11	260
34	26	16	150
56	27	16	145
7	12	5	22
21	21	11	120
26	33	21	130
28	37	26	190
56	42	31	230
38	50	39	255
47	27	16	215
48	27	15	195

120 L Pacific Rainproof