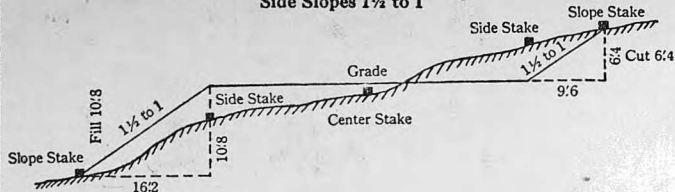


W. H. H. H.
FIELD BOOK
1888

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
 Roadway of any Width
 Side Slopes 1½ to 1



In the figure above: Opposite 6 under "Cut or Fill" and under .4 read 9:6 the distance from the side stake to the slope stake at right. Opposite 10 under "Cut or Fill" and under .8 read 16:2, the distance from the side stake to the slope stake at the left.

Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

EUGENE DIETZGEN CO.

415
018246

D. Gr.
J. B. C. I. S.

Property of KERR ADDISON MINES.

J. B. GROUP - Y. T.

GRAVITY FIELD NOTES.

UNITED GEOPHYSICAL CO. OF AMERICA

T. RICH. - SEPT. 1964.

RECEIVED
AUG 17 1966

KERR ADDISON MINES LTD.

Per.....

This Field Book is manufactured of a High Grade 100% Rag Paper Having a WATER RESISTING SURFACE, and is sewed with RUST PROOF wire.

Made in U. S. A.

BASE RUN

10K SEPT. 1964

STA	TIME	READING	DRIFT.
BASE A	11 ⁵²	1751.0	This Reading Ignored.
BASE B	12 ¹⁶	1737.0	
BASE C	12 ²⁸	1779.3	-0.16 B -0.40
B	12 ³⁹	1737.3	-0.02 C
A	1 ⁰³	1752.0	-0.06 C -0.21 B
B	1 ¹³	1737.6	-0.08 C 0.00 A
C	1 ²⁴	1779.4	0.00 A +0.05 B
B	1 ³⁷	1737.5	0.00 A +0.13 C
A	1 ⁴⁹	1752.0	+0.25 C +0.17 B
B	2 ¹²	1737.0	+0.48 C
C	2 ²³	1778.8	

BASE DESCRIPTION

Claim Post NE of
+ of Base Line & Line 28.5

3' ←
□ - claim post
○ - stump
↑ N

1.5'
□ - claim post

1.5'
□ - claim post
○ - Hub
↑ N

N. of Sta. 26

H.I. - 0.40'
from Hub.

1.5'
□ - claim post
○ - Hub
↑ N

North of Sta. 59

} Run in place of poor first reading

Bases were located beside claim posts for permanence.

Base A was assigned a 'raw' gravity value to correspond roughly with the Swin group values (± 0.5 mgals). The elevations however are arbitrary.

The Base runs were calculated :-

B-C-B ; C-B-A-B-C ; B-A-B ;

A-B-C-B-A etc.

to give the following differences (scale divisions) :-

B	14.49	
	14.40	
	14.50	
	14.67	
C	27.36	42.14
	27.40	42.02
	27.15	41.78
		41.85
		41.77
		41.92
	A	B

Averaged & adjusted :-

B	14.54	
C	27.34	41.88
	A	B

SCALE DIV. DIFFS.
BETWEEN BASES.

GRAVITY OF BASES.

A	B	C
109.38(0)	107.89(4)	112.17(5)

SEPT. 10th 1964

STA. TIME READING DRIFT OBS. GRAVITY H. I.

BASE LINE 00 W.

BASEC	2 ²⁵	1778.7		112.17(5)	
LINE 645	2 ³³	1807.5		115.12	-0.30
655	2 ³⁶	1797.5	+0.1	114.11	+0.15
665	2 ³⁸	1797.6	+0.1	114.12	+0.45
675	2 ⁴²	1801.7	+0.1	114.54	
685	2 ⁴⁵	1815.2	+0.1	115.92	+0.10
695	2 ⁴⁸	1820.9	+0.1	116.50	-0.15
705	2 ⁵²	1825.0	+0.1	116.92	+0.20
715	2 ⁵⁴	1849.9	+0.2	118.35	-0.15
725	2 ⁵⁷	1854.2	+0.2	119.91	-0.20
735	3 ⁰⁰	1862.0	+0.2	120.71	0.00
675 ^R	3 ⁰⁶	1801.6	+0.2	114.54	0.00
645 ^R	3 ¹¹	1807.7	+0.2	115.13	

LINE 64 S.

645 ^R	3 ¹¹	1807.7	+0.2	115.13.	
1E	3 ¹⁴	1805.3	+0.3	114.92	+0.20
2E	3 ¹⁶	1807.5	+0.3	115.15	+0.20
3E	3 ¹⁸	1815.2	+0.3	115.94	+0.45
4E	3 ²²	1820.2	+0.3	116.45	-0.10
5E	3 ²⁵	1824.5	+0.3	116.89	+0.20
6E	3 ³⁰	1824.7	+0.3	116.91	+0.20

ELEVATION.

3021.69

3035.73

3034.02

3024.91

No Hub

3003.84

2991.94

2980.93

2955.89

2929.05

2919.81

Beside Claim Post

Found Hub

3023.64

3019.08

3004.98

2996.15

2988.59

2986.93

STA	TIME	READING	DRIFT	OBS. GRAVITY	H.T.
2	5 ³¹	1741.0		108.42	-0.20
1	5 ³⁴	1742.8		108.60	-0.20
2E	5 ³⁶	1739.1		108.22	+0.10
1E	5 ³⁸	1737.1		108.02	0.00
L36E/BL	5 ⁴²	1734.7		107.77	+0.10
355	5 ⁴⁴	1732.3	-0.1	107.52	0.00
345	5 ⁴⁷	1735.8	-0.1	107.87	+0.20
335	5 ⁴⁹	1739.4	-0.1	108.24	+0.10
325	5 ⁵²	1743.0	-0.1	108.61	+0.20
315	5 ⁵⁴	1743.4	-0.1	108.65	+0.10
305	5 ⁵⁷	1747.1	-0.1	109.03	-0.10
295	5 ⁵⁹	1748.4	-0.1	109.16	+0.35
LINE 265/BL	6 ⁰²	1749.2	-0.1	109.24	+0.50
BASE A	6 ⁰⁵	1750.5	-0.1/45	109.37(6)	
		1750.4			

ELEVATION

3148.73

3144.73

3151.49

3155.56

3159.09

3162.16

3156.89

3151.95

3147.24

3147.47

3142.73

3141.31

3140.13

SEPT 11th 1964

STA.	TIME.	READING	DRIFT	OBS. GRAVITY	H.I.
<u>LINE 36 S.</u>					
BASE A	11 ⁰⁰	1751.0		109.38(0)	
L-36S/BLOW ^R	11 ⁰⁶	1735.2	-0.1	107.75	
12W	11 ²⁴	1679.0	-0.2	102.00	
11W	11 ²⁹	1679.8	-0.2	102.08	
10W	11 ³²	1683.1	-0.2	102.42	+0.10
9W	11 ³⁵	1683.0	-0.2	102.41	
8W	11 ³⁸	1676.4	-0.3	101.72	
7W	11 ⁴²	1660.4	-0.3	100.09	
6W	11 ⁴⁶	1647.0	-0.3	98.72	
5W	11 ⁴⁹	1657.4	-0.3	99.78	
4W	11 ⁵²	1677.6	-0.4	101.84	
3W	11 ⁵⁵	1697.9	-0.4	103.91	
2W	11 ⁵⁹	1715.2	-0.4	105.68	
1W	12 ⁰²	1727.3	-0.4	106.92	
BL-00W ^R	12 ⁰⁵	1735.8	-0.4	107.78	
BASE A	12 ¹³	1751.5	-0.5/73. 685	109.38(0)	

ELEVATION.

3262.37

No Hub

3258.86

3252.96

3250.61

3258.79

3280.03

3298.75

3281.96

3251.25

3220.08

3193.04

3173.78

STA.	TIME	READING	DRIFT.	OBS. GRAVITY	H-I
<u>LINE 64 S</u>					
BASE C	1 ¹⁹	1778.1		112.17(5)	
6W	1 ³¹	1793.0		113.70	
5W	1 ³³	1791.7		113.57	
4W	1 ³⁶	1790.3		113.42	
3W	1 ³⁹	1787.6		113.15	
2W	1 ⁴³	1790.5		113.44	
1W	1 ⁴⁷	1808.3		115.26	
1E ^R	1 ⁵¹	1805.0		114.92	
BASE C	1 ⁵⁷	1778.1	0.0	112.17(5)	

ELEVATION

3045.71

3047.96

3050.42

3054.30

3047.44

3019.86

Shaky

LINE 36 S.

BASE B	2 ¹⁷	1736.0		107.89(4)	
2E ^R	2 ²⁴	1739.4		108.24	+0.20
3E	2 ²⁷	1745.1	-0.1	108.81	+0.10
4E	2 ³¹	1747.5	-0.1	109.06	-0.20
5E	2 ³⁷	1748.1	-0.1	109.12	-0.20
6E	2 ³⁹	1745.0	-0.1	108.80	+0.25
7E	2 ⁴²	1742.6	-0.2	108.57	+0.15
8E	2 ⁴⁴	1749.8	-0.2	109.28	+0.45
9E	2 ⁴⁷	1755.9	-0.2	109.91	+0.20

3151.49

3141.34

3135.91

3134.93

3140.02

3141.77

3129.47

3118.99

V Shaky

STA	TIME	READING	DRIFT	OBS. GRAVITY	M. I.
10E	2 ⁴⁹	1759.9	-0.2	110.32	+0.35
11E	2 ⁵²	1757.2	-0.2	110.04	+0.30
12E	2 ⁵⁵	1758.0	-0.2	110.12	+0.30
13E	2 ⁵⁷	1759.1	-0.2	110.23	+0.20
14E	3 ⁰⁰	1759.2	-0.3	110.23	+0.45
15E	3 ⁰³	1757.6	-0.3	110.07	+0.20
16E	3 ⁰⁵	1759.4	-0.3	110.26	-0.15
17E	3 ⁰⁷	1756.6	-0.3	109.97	0.00
18E	3 ¹¹	1757.1	-0.3	110.02	0.00

LINE 325

16E	3 ²²	1776.0	-0.4	111.94	
15E	3 ²⁴	1773.8	-0.4	111.72	
14E	3 ²⁷	1774.6	-0.4	111.80	
13E	3 ²⁹	1774.6	-0.4	111.80	
12E	3 ³²	1773.6	-0.5	111.69	
11E	3 ³⁴	1771.6	-0.5	111.48	
10E	3 ³⁷	1771.7	-0.5	111.49	
9E	3 ³⁹	1769.1	-0.5	111.23	
8E	3 ⁴²	1767.3	-0.5	111.09	
7E	3 ⁴⁶	1766.1	-0.5	110.92	
6E	3 ⁴⁸	1759.6	-0.6	110.25	

ELEVATION

3115.10

3119.19

3117.32

3114.87

3114.39

3116.04

3113.66

3117.04

3116.40

3088.08

3092.25

3090.87

3091.36

3093.44

3096.27

3097.51

3101.31

3104.13

3105.18

3113.54

Shaky

STA	TIME	READING	DRIFT	OBS. GRAVITY	M.T
<u>LINE 203</u>					
BASE A	4 ⁴⁰	1751.5		109.38(0)	
1E	4 ⁴⁶	1752.4	-0.1	109.46	+0.10
2E	4 ⁴⁸	1757.7	-0.1	110.00	+0.20
3E	4 ⁵⁰	1765.5	-0.1	110.80	+0.25
4E	4 ⁵²	1772.9	-0.1	111.56	-0.20
5E	4 ⁵⁶	1776.0	-0.2	111.86	-0.20
6E	4 ⁵⁸	1775.8	-0.2	111.84	-0.20
7E	5 ⁰⁰	1776.1	-0.2	111.87	-0.25
8E	5 ⁰²	1777.0	-0.2	111.97	-0.40
9E	5 ⁰⁵	1778.1	-0.2	112.08	-0.65
10E	5 ⁰⁷	1781.3	-0.3	112.40	-1.00
11E	5 ¹⁰	1781.0	-0.3	112.36	-1.00
7E ^R	5 ¹⁵	1776.2	-0.3	111.87	
BASE A	5 ²¹	1751.9	-0.4/41	109.38(0)	

LINE 145 BL.000

BASE A	5 ²⁵	1752.1		109.38(0)	
225	5 ²⁹	1765.0		110.70	0.00
225	5 ³⁴	1771.0	-0.1	111.30	0.00

ELEVATION

3134.40

3124.65

3108.61

3097.37

3094.55

Soft & Very Shaky

3094.88

3092.17

3090.82

3089.36

3086.24

3084.20

3117.36

3101.57

STA	TIME	READING	DRIFT	OBS GRAVITY	N.I.
-----	------	---------	-------	-------------	------

LINE 145

D	5 ⁴⁶	1721.9	-0.1	106.28	
BL-000/L-145	5 ⁴⁹	1723.2	-0.1	106.42	
1E	5 ⁵⁶	1721.6	-0.2	106.24	+1.40
2E	5 ⁵⁸	1723.3	-0.2	106.42	+0.30
3E	6 ⁰¹	1724.8	-0.2	106.57	+0.50
4E	6 ⁰³	1729.8	-0.2	107.08	+0.20
5E	6 ⁰⁶	1737.7	-0.3	107.88	+0.60
6E	6 ⁰⁸	1750.0	-0.3	109.13	+0.20
7E	6 ¹⁰	1764.2	-0.3	110.59	+0.10
8E	6 ¹²	1771.7	-0.3	111.35	0.00
9E	6 ¹⁴	1774.6	-0.3	111.65	
10E	6 ¹⁶	1776.2	-0.3	111.81	+0.20
11E	6 ²¹	1772.0	-0.3	111.38	
12E	6 ²⁴	1772.8	-0.4	111.46	
13E	6 ²⁶	1774.3	-0.4	112.12	
14E	6 ²⁹	1774.7	-0.4	112.16	
15E	6 ³²	1781.3	-0.4	112.32	
8E ^R	6 ³⁹	1772.0	-0.5	111.36	
4E ^R	6 ⁴⁵	1730.0	-0.5	107.07	
D	6 ⁵¹	1722.3	-0.4/65 6.53	106.28	

ELEVATION

3181.13

3183.00

3182.67

3180.59

3174.10

3161.36

3142.40

3120.58

3108.06

3102.85

NH

3098.83

3106.58

NH - Beside Outcrop.

3105.91

3093.11

3091.90

3089.98

	Line	56 S			
May 19	Time	Rdg	Drift	HI	O.G
(class)	11:50	388.4		.33	
"	11:57	388.9		.33	
"	12:00	387.7			
"	12:04	387.7			
"	12:10	387.7			
"	12:14	387.7			
(class)	12:25	387.8		108	110.56
1W	12:32	389.1	+1	1.17	110.71
2W	12:35	386.4	+1	1.00	110.42
3W	12:39	383.2	+1	1.17	110.09
4W	12:43	377.9	+2	1.17	109.55
5W	12:48	374.1	+2	1.00	109.16
6W	12:51	377.9	+2	1.43	109.55
7W	12:54	383.2	+3	1.08	110.11
8W	12:58	386.1	+3	1.08	110.41
9W	too wet impossible to read				
10W	1:04	382.7	+4	1.17	110.07
11W	1:07	386.1	+4	1.25	110.42
12W	1:10	388.0	+4	1.00	110.62
13W	1:14	388.7	+4	1.17	110.70
14W	1:17	385.2	+5	1.08	110.34
15W	1:21	376.8	+5	1.17	109.47
8W	1:26	385.8	+5	1.08	110.40
(35)	1:32	387.2	$\frac{16}{17} \cdot 8955$.33	110.56

Very hard to read windy & soft conditions

S.D
Checked levels

110.56
108.42
2.14

15
base

May 19	Line 56			HT	0.6
	Time	Rds	drift		
(55)	387.2	1:32		.33	110.56
1E	391.1	1:48	-1	1.17	110.95
2E	397.3	1:51	-2	1.25	111.59
3E	403.9	1:55	-2	.58	112.27
4E	406.7	1:58	-2	1.08	112.57
5E	408.6	2:03	-2	1.33	112.76
6E	404.5	2:07	-3	1.25	112.33
7E	397.0	2:11	-3	1.17	111.55
8E	389.7	2:17	-4	1.17	110.78
9E	384.4	2:21	-4	.93	110.23
10E	379.3	2:25	-4	1.17	109.70
11E	377.7	2:29	-5	1.33	109.52
12E	377.8	2:33	-5	1.08	109.53
13E	382.8	2:37	-5	1.17	110.05
14E	392.2	2:41	-5	.75	111.03
15E	401.9	2:45	-6	.75	112.02
Base(55)	387.9	3:00	$-.7$ 88	.33	110.56

(15)

11
1 base

May 19	Line Time	48 Rdg.	drift	AI	O.C
Staso	3:14	367.1	wrong sta	00	108.42
Staso	3:21	354.5		00	108.42
1E	3:24	354.0		1.17	108.42
2E	3:28	357.2	-1	1.17	108.69
3E	3:31	361.9	-1	1.00	109.18
4E	3:34	366.3	-1	1.25	109.64
5E	3:37	373.0	-1	1.25	110.33
6E	3:40	381.4	-2	1.25	111.19
7E	700	soft			
8E	3:44	388.0	-2	1.25	111.88
9E	3:47	376.3	-2	1.25	110.66
10E	water				
Staso	4:00	354.8	3/39 7/12	00	108.02

8

base

May 20	Line	48 S			
Sta	Time	Rdg	D.C.	HI	CG
Sta 50	9:01	357.9		00	
Sta 50	9:04	357.9			108.42
1W	9:08	367.3		121.00	109.40
2W	9:11	364.9	+1	.93	
3W	9:14	343.6	+1	1.17	
4W	9:20	357.0	+1	1.17	108.34
5W	9:24	373.3	+2	1.08	110.04
6W	9:27	371.9	+2	1.25	
7W	9:30	368.3	+2	1.00	
8W	9:33	361.9	+3	1.33	
9W	9:36	352.5	+3	1.25	
10W	9:39	341.4	+3	1.17	
11W	9:43	326.6	+3	1.33	
12W	9:48	325.8	+4	1.25	
13W	9:52	332.5	+4	.83	
14W	9:57	343.2	+5	1.00	
15W	10:00	352.9	+5	.43	
16W	10:07	341.2	+6	1.17	
Sta 50	10:16	357.3	+6 1/2	8933	00
					108.42

(15)

1 base

5.0

Windy

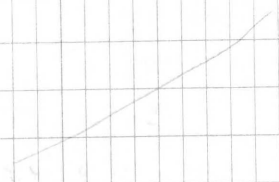
May 20	Time	Line Rds	245 Soft	HT	OG
(22S)	10:40	396.3		00	111.30
1E	10:44	398.9		.75	111.57
2E	10:48	397.4		1.00	111.41
3E	10:52	398.7		1.25	111.55
4E	10:55	398.4		1.25	111.52
5E	too much water - can't steady				
6E	11:01	399.8		1.08	111.66
7E	1' of water				
8E	11:08	401.4	+1	1.33	111.84
9E	11:12	401.5	+1	1.33	111.85
10E	11:15	402.8	+1	1.33	111.99
11E	11:18	404.7	+1	1.08	112.18
12E	IMPOSSIBLE				
2E	11:28	397.5	+1	1.00	111.44
(22S)	11:33	396.4	+1 1886	00	111.30

(10)

1'
10:30

Very Windy

Approx Rds
5' of water



May 20

	Time	Rdg	Diff	41	06	
(225)	11:37	396.4		00	111.30	
{	1W	11:42	389.2		1.17	110.55
	2W	11:45	382.3	+1	1.25	109.85
	3W		100	S.A		
4W	11:52	378.9	+1	1.08	108.49	
5W	11:56	375.2	+2	1.17	108.12	
6W	12:02	368.8	12	1.00	107.45	
7W	12:05	365.2	+3	.67	107.09	
8W	12:08	358.4	13	.58	106.38	
9W	12:13	350.3	+3	1.25	105.54	
10W	12:19	338.3	+4	1.43	104.30	
11W	12:26	321.1	+5	.67	102.53	
12W	12:29	306.5	+5	1.00	102.01	
13W	12:33	297.4	+5	1.17	100.07	
14W	12:37	291.7	+6	1.17	99.48	
15W	12:40	287.2	+6	1.17	99.02	
17W	12:50	321.0	+7	.67	102.54	
(225)	1:04	395.6	+8	00	111.30	

14

210
106
106

105.5

109.85	110.55
184.46	184.90
294.31	292.45
89.96	89.07
4.35	202.48
44	
109.85	109.85
184.46	184.46
294.31	294.31
89.96	89.96
4.35	4.35
110.55	110.55
100.07	100.07
10.53	10.53
43.98	43.98
389.2	389.2
287.2	287.2
102.0	102.0
110.55	110.55
100.07	100.07
10.53	10.53
11.15	11.15
102.0	102.0
44.6	44.6
45.6	45.6
340	340

Very

Windy to

109.85

109.73

43.98

110.55
100.07
10.53

11.15
102.0

44.6
45.6

340

Magno	Time	Line 20	Diff	SI	O.G
(225)	1:23	395.5		00	111.30
1E	1:27	395.3		1.08	111.28
2E	1:30	395.6	+1	1.00	111.32
3E	1:33	396.1	+1	.67	111.37
4E	1:36	396.8	+1	1.43	111.45
5E	1:39	396.6	+1	1.25	111.42
6E	1:42	398.7	+1	1.33	111.64
7E	1:45	399.9	+2	.83	111.78
8E	1:48	402.0	+2	1.17	112.00
9E	1:52	399.8	+2	1.17	111.77
10E	1:55	400.9	+3	1.33	111.89
11E	1:58	406.0	+3	1.33	112.42
12E	2:02	406.1	+3	1.08	112.43
13E	2:06	405.2	+3	1.33	112.34
14E	2:09	404.7	+4	1.33	112.30
15E	2:12	403.7	+4	1.25	112.19
10E	2:19	400.7	+4	1.33	111.88
(225)	2:27	395.0	+5/7813	00	111.30

(15)

1/ base

58.1	6.90	11.8
58.1	5.8	114.1
396	5.20	1039
282.3		10269
114.1	41.0	3423
11085499		
58	6.90	75.8
348	5.20	439800
20.038		406
28		338
4		290
23.2		480
75.8		
43.98		
406		
338		
290		
480		
20		
43.98		
58		
351.84		
219.90		
25.5089		

May 20

Line 20

	Time	Rdg	Drift	AI	O.C
(225)	2:35	395.0		00	111.30
3W		400	down	soft	
4W	2:40	392.1		.67	111.00
5W	2:44	390.2		1.00	110.80
6W	2:47	386.1		.83	110.38
7W	2:51	378.9		1.17	109.63
8W	2:55	375.2	+1	.43	109.25
9W	2:59	368.9	+1	1.00	108.58
10W	3:04	362.5	+1	1.08	107.93
11W	3:07	351.6	+1	1.00	106.80
12W	3:11	343.9	+1	1.33	106.00
13W		400	soft		
10W	3:21	362.5	+1	1.08	107.93
(225)	3:36	394.8	+2/61 ³²⁷⁸	00	111.30

(9)
(11)
base

111.30
107.12
4.18

Very
Soft

May 21	Time	Rdg	drift	HI	0.6
Base E	11:27	275.7		.30	
Base E	11:32	275.7		.30	69.41
Base E-1	11:53	308.8		.58	
Base E	12:22	276.0		.30	
Base E-1	12:54	309.3		.58	72.79
Base E-2	1:24	501.1		.93	
Base E-1	1:45	309.4		.58	
Base E-2	2:20	501.0		.93	92.70
Base E	3:13	276.8		.30	

Difference between E - E-1 = 32.5

Difference between E - E-2 = 191.7

Difference between E - E-2 = 224.2

S. 10

226.25

-.3

-1.0 1.5

32.1

-2.5

191.8

501.05

309.30

191.75

33.1

501.0

276.8

224.20

507.50 1.0

276.7

3:13

191.70

32.50

8.0

224.20

308.80

275.75

33.05

308.80

275.75

33.05

69.41

62.78

72.79

69.41

23.29

92.70

308.80

.15

307.65

275.70

31.95

32.95

33.05

65.00

32.50

81
83
85
89

Line	81				
May 22	Time	Rds	J.H	HJ	O.
(E-1)	10:13	316.4		.33	6.0
(E-1)	10:18	316.5		.33	
(E-1)	10:22	316.5		.33	72.79
29 S	10:26	321.2		.25	73.28
28 S	10:30	327.8		1.00	73.96
27 S	10:33	343.0		1.08	75.54
26 S	10:38	357.8	+1	1.43	77.09
25 S	10:43	372.9	+1	.43	78.66
24 S	10:48	389.0	+1	1.33	80.33
23 S	10:52	400.7	+1	1.08	81.55
22 S	10:57	411.2	+2	1.25	82.65
21 S	Too windy on roads of trees				-
20 S	11:06	438.1	+2	.83	85.45
19 S	11:12	455.6	+2	.75	87.26
18 S	11:16	467.3	+2	.93	88.48
17 S	11:20	481.6	+3	1.17	89.98
16 S	11:24	497.4	+3	.75	91.62
(E-2)	11:30	507.8	+3 ₆₈ 441	.93	
		-191.7			
		316.1			

$$\begin{array}{r} 701.13 \\ 85.14 \\ \hline 286.57 \\ 93.17 \\ \hline 93.17 \end{array}$$

S.W. Windy

$$\begin{array}{r} 5.78 \\ 191.78 \\ \hline 90.56 \\ 316 \\ \hline 76.78 \end{array}$$

$$\begin{array}{r} 199.39 \\ 83.39 \\ \hline 282.78 \\ 90.08 \\ \hline 87.36 \end{array}$$

$$\begin{array}{r} 3418.39 \\ 282.78 \\ \hline 93.40 \\ \hline 189.36 \end{array}$$

$$\begin{array}{r} 212.06 \\ 70.57 \\ \hline 282.63 \\ 93.63 \\ \hline 212.06 \\ 76.78 \\ \hline 288.84 \\ 93.24 \\ \hline 195.60 \\ 96.07 \end{array}$$

$$\begin{array}{r} 105.17 \\ 52.19 \\ \hline 199.39 \\ 90.08 \\ \hline 289.47 \\ 93.24 \\ \hline 96.07 \end{array}$$

$$\begin{array}{r} 199.39 \\ 87.26 \\ \hline 286.65 \\ 93.17 \\ \hline 93.25 \end{array}$$

90.08
 93.40
 189.36
 282.78
 90.08
 87.36
 2.72
 86.19
 5.54
 41

Line 85. May 22	Time	Rdg	Drift	HI	O.G
(E-2)	11:44	507.7		.93	92.70
155	11:52	543.9	-.1	1.17	96.45
175	11:57	536.4	-.1	.83	95.67
185	12:03	525.0	-.2	.58	94.48
195	12:07	511.4	-.2	1.17	93.06
205	12:11	499.7	-.2	1.00	91.85
215	12:16	483.9	-.3	1.00	90.20
225	12:20	467.7	-.3	1.00	88.51
235	12:25	456.3	-.4	1.17	87.32
245	12:29	446.5	-.4	.83	86.30
255	12:33	437.9	-.4	.43	85.41
265	12:38	427.9	-.5	.25	84.36
275	12:42	415.8	-.5	.83	83.10
285	12:46	405.2	-.6	1.17	81.99
295	12:50	393.6	-.6	1.17	80.78
305	12:54	382.4	-.6	1.17	79.62

Short sta one missed

316.7

316.7

- 191.7

125.0

~~400.01~~

~~286.21~~

~~97.40~~

92.91

E-1	1:03	316.7	$\frac{1.17 \cdot 8861}{99}$.33	
		191.7			
		508.4			

265	1:15	428.1		.25	
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E-1	1:26	316.8	$\frac{1.17}{23}$.33	
-----	------	-------	-------------------	-----	--

Line# May 22	Time	Rdg	drift	HI	O.C.
(E-2)	1:49	508.3		.93	92.70
145	1:57	498.5		.25	91.68
135	2:01	515.6	11	00	93.45
125	2:08	529.2	11	.43	94.86
115	2:12	542.8	11	.75	96.27
105	2:17	557.2	12	.75	97.76
95	2:22	570.0	12	1.33	99.09
85	2:27	582.9	12	1.33	100.43
75	2:30	596.5	12	1.17	101.84
65	2:34	609.6	12	.93	103.20
55	2:38	625.0	13	1.33	104.79
45	2:42	640.5	13	.50	106.40
35	2:47	654.8	13	.83	107.89
25	2:51	668.2	13	1.83	109.28
15	2:56	688.8	14	.83	111.41
55	3:09	625.2	14	1.83	104.80
(E-2)	3:25	508.8	⁵ 96.5808	.93	92.70

SEC = 19

94.51

195.13

289.64

93.42

96.22

May 22 Line 85	Time	Rds	Drift	HI	O.G
(E-2)	3:35	508.8		.93	92.70
145	3:41	558.9	-	1.43	97.91
135	3:44	572.0	-	1.33	99.27
125	3:48	587.2	-1	.93	100.84
115	Station in poor location could not get reading windy				
105	3:56	614.5	-1	1.08	103.67
95	4:00	627.4	-1	1.43	105.01
85	4:05	637.3	-1	1.17	106.04
75	4:09	648.6	-1	1.00	107.21
65	4:12	662.6	-2	1.33	108.66
55	4:18	676.6	-2	.93	110.11
45	600	shaky			
35	4:26	700.2	-2	1.25	112.57
25	4:31	711.6	-2	1.58	113.75
15	4:34	924.3	-2	1.25	115.07
55	4:50	676.7	-3	.93	110.11
(E-2)	5:06	509.2	1.4/9/1996	.93	92.70

E-2 516.7
E-1 333.0
3 7

May 24. Line 89	Time	Rdg	drft	H I	0.6
(E-1)	9:51	334.6		.33	
(E-1)	9:52	334.7		.33	
(E-1)	10:00	334.7		.33	
(E-1)	10:04	334.7		.33	72.79
295	10:14	441.8	+1	.43	83.93
285	10:17	452.3	+2	.93	85.02
275	10:21	460.7	+2	1.00	85.90
265	10:25	472.9	+3	.43	87.18
255	10:28	483.4	+3	1.25	88.27
245	10:33	492.7	+4	.93	89.25
235	10:37	501.1	+4	.83	90.12
225	10:45	512.6	+5	-.58	91.33
215	10:49	527.5	+5	1.00	92.87
205	10:54	541.5	+6	1.17	94.34
195	11:00	557.3	+7	1.00	95.99
185	11:06	571.8	+7	.50	97.50
175	11:10	585.6	+8	1.43	98.94
165	11:14	598.1	+8	1.17	100.24
155	11:18	606.9	+9	1.17	101.17
185	11:25	571.9	+10	.50	
(E-2)	11:35	525.2	+11/1209	.93	
		191.7			
		333.5			

S.A

525.0
191.7
334.3

Shaky

"

May 24

Line 93	Time	Rds	drift	H-I	O-G
(E.2)	11:40	525.2		.93	92.70
175	12:08	637.5	+3	1.25	104.40
185	12:13	623.6	+3	1.17	102.95
195	12:19	609.0	+4	1.00	101.45
205	12:24	599.8	+4	1.01	100.49
215	12:29	587.0	+5	.67	99.17
225	12:32	575.9	+5	1.17	98.02
235	12:35	565.9	+5	.33	96.98
245	12:39	553.7	+6	1.17	95.72
255	12:42	543.8	+6	1.00	94.69
265	12:46	534.0	+6	1.17	93.68
275	12:50	527.6	+7	1.25	93.02
285	12:54	517.5	+7	.67	91.97
295	1:00	509.8	+8	.50	91.58
275	1:07	527.6	+8	1.25	93.03
(E.1)	1:25	332.5	+9	.33	72.79
		191.7			
		524.2			

$1.9/9524 \times 105$

Windy

Flag tied in
tree

Check

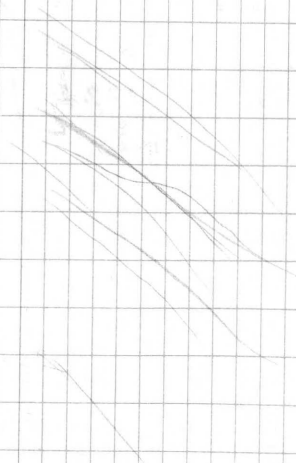
Windy

Snowing

332.5

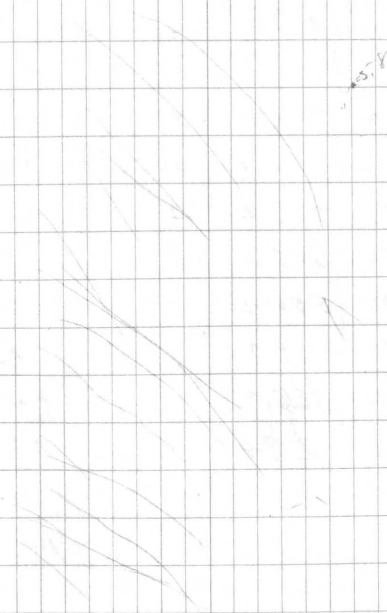
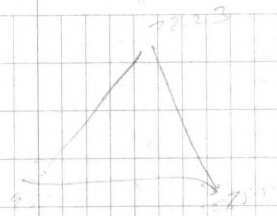
191.7

524.2



May 24 Line 97	Time	Rdg	drift	H1	0.6
(E-1)	1:47	128.2		.33	72.79
305	2:04	386.6	+1	.75	99.65
295	2:08	400.5	+1	.10	101.09
285	2:12	412.7	+1	1.08	102.36
275	2:20	413.8	+1	-.17	102.47
265	2:25	427.7	+1	1.17	103.92
255	too	shaky			
245	2:32	492.3	+2	.67	105.86
235	2:36	459.8	+2	.75	107.26
225	2:40	476.5	+2	.58	109.00
215	2:45	483.2	+2	.58	109.70
205	2:49	494.3	+2	1.33	110.85
195	2:53	501.6	+2	1.17	111.61
185	2:57	511.9	+2	1.08	112.68
175	3:01	518.9	+2	1.08	113.40
(E-1)	3:46	127.8	+4/119 = 3361	.33	

Reset dial
At base E-1
Now rdg.



May 25 Line 105

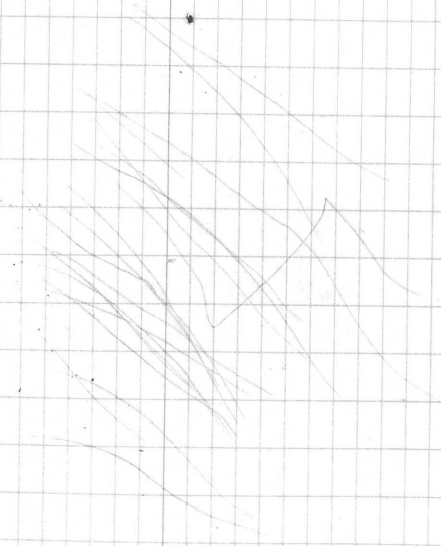
10	Time	Rdg	drift	HI	O.C.
(E-3)	1:45	471.7		1.00	108.20
295	1:57	555.9		1.00	
285	2:01	559.1		.85	
275	2:05	569.0		00	
	2:10				
Base	2:35	471.3			

Line 101

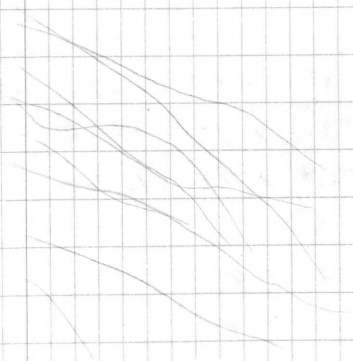
May 26

	Time	Rds	drift	HJ	O.C	
(E-3)	9:24	474.8		1.00		
(E-3)	9:29	474.8		1.00		
(E-3)	9:32	474.8		1.00	108.20	
315	9:38	465.9	+1	1.00	107.28	
325	9:41	452.1	+1	1.25	105.85	
335	9:46	439.3	+2	.83	104.53	
345	9:50	432.2	+2	.75	103.79	
355	9:53	423.7	+3	.50	102.92	
365	9:56	419.8	+3	.83	102.52	
375	10:00	409.2	+4	.58	101.43	
385	10:03	403.4	+4	.75	100.82	
395						
405	10:08	382.3	+5	-.67	98.64	
415	10:11	372.5	+5	1.17	97.62	
425	10:14	367.3	+6	.83	97.09	
Line 97						
44	485	10:26	283.5	+7	1.33	88.40
43	485	10:34	283.7	+8	1.25	88.43
42	485	10:37	286.9	+9	.75	88.77
41	425	10:40	290.4	+9	.83	89.13
	402	10:43	299.0	+10	.93	90.04
793						
385	10:48	313.0	+10	1.00	90.45	
375	10:52	323.2	+11	.93	92.56	

5.0



Line #	Time	Rdg	Drift	HI	O.C
365	10:55	332.6	+1.1	.25	93.54
355	10:59	344.6	+1.2	.100	94.80
345	11:03	357.3	+1.2	-.83	96.12
335	11:06	367.2	+1.3	.75	97.16
325	11:09	371.9	+1.3	.83	97.64
315	11:12	380.0	+1.4	00	98.50
305	11:15	367.2	+1.4	.75	97.17
(E-3)	11:22	473.3	+1.5 ¹³⁶⁴ 1.10	1.00	108.20



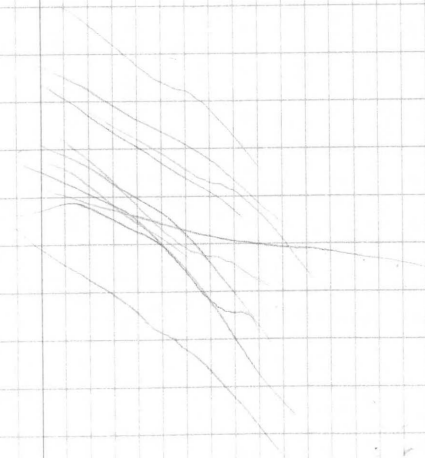
Line	Time	May 26 Rds	dr. se	H.I.	0.6
(E-1)	12:20	131.6		.33	
(E-1)	12:39	131.3		.33	
(E-1)	12:59	131.2		.33	72.79
315	1:02	127.6		1.25	72.42
325	1:05	125.2	+1	1.33	72.18
335	1:08	122.6	+1	1.17	71.91
345	1:10	122.8	+1	1.08	71.93
355	1:13	122.5	+1	1.17	71.90
365	1:16	123.4	+2	1.43	72.00
375	1:18	121.8	+2	1.25	71.83
385	1:21	124.1	+2	1.25	72.07
395	1:23	135.8	+2	1.25	73.29
405	1:26	140.3	+3	1.17	73.77
415	1:29	142.3	+3	.75	73.97
425	1:32	148.1	+3	1.17	74.58
435	1:35	151.4	+4	1.08	74.93
4315	1:38	152.8	+4	1.08	75.08
Line 85					
455	1:42	177.7	+4	.00	77.66
445	1:45	175.6	+5	.93	77.46
435					
425	1:50	165.5	+5	1.00	76.41
415					
405	1:57	168.3	+6	1.00	76.71

Checking levels
also drill check

Windy

Soft
Windy

Line#s	Time	May 26 Rdg	dr. ft	H5	O.6
395	2:01	156.4	1.6	1.00	75.47
385	2:04	159.5	+7	1.25	75.80
375	2:08	160.9	+7	.83	75.95
365	2:11	160.7	+7	1.00	75.93
355	2:14	161.4	1.8	.83	76.01
345	2:17	164.4	1.8	.25	76.32
335	2:21	167.3	1.8	.58	76.62
325	2:24	173.9	1.9	.33	77.32
315	2:27	181.4	+9	1.08	78.00
355	2:31	161.4	+9	.83	76.02
(2-1)	2:38	130.2	+1.0/99 1.010	.33	72.79



May 26

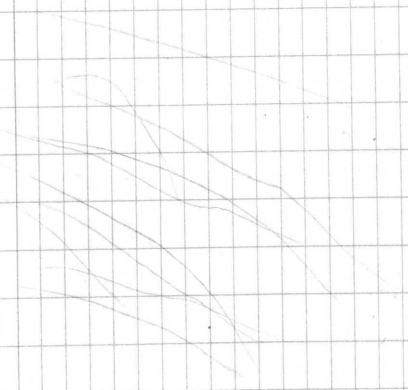
Line	Time	Rdg	drift	HI	0.6
(E-1)	2:53	130.2		.33	12.79
315	2:58	88.2		1.25	68.42
325	3:01	86.6		1.33	68.26
335	3:04	87.5	+1	1.25	68.36
345	3:06	91.0	+1	1.33	68.73
355	3:09	91.2	+1	1.00	68.75
365	3:13	96.7	+1	1.08	69.32

too soft too windy

do continue on the hill

325	3:18	86.6	+1	1.33	
(E-1)	3:31	130.0	+1.25 38	.33	

~~Hailing~~



May 27	Time	Ros	diff	HI	OG
Line 89					
(E-1)	9:15	135.8		.33	72.79
315	9:23	233.0		1.33	82.88
325	9:26	222.5		1.33	81.80
335	9:30	211.8	+1	1.33	80.70
345	9:33	204.7	+1	-.25	79.96
355	9:37	200.6	+1	1.17	79.53
365	9:40	197.0	+1	1.17	79.16
375	9:43	192.4	+1	.58	78.68
385	9:47	188.2	+1	.83	78.24
395	9:49	189.7	+2	.83	78.41
405	9:53	188.2	+2	.75	78.26
425	9:57	190.0	+2	.83	78.44
435	10:02	197.0	+2	.58	79.17
Line 98					
445	10:11	238.8	+2	1.17	83.51
435	10:16	235.4	+3	1.08	83.17
415	10:19	233.5	+3	.43	82.97
405	10:22	234.9	+3	1.17	83.12
395	10:25	239.1	+3	.93	83.55
385	10:28	240.3	+3	.83	83.68
375	10:31	245.6	+3	.50	84.23
365	10:35	252.0	+4	.58	84.90
355	10:38	258.9	+4	1.25	85.62
345	10:42	269.7	+4	.75	86.74


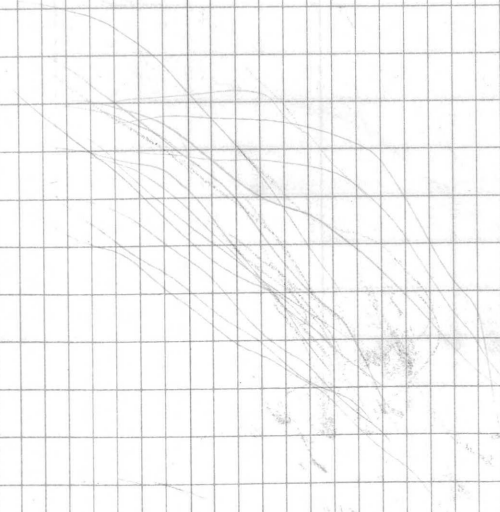
Jump
Storm
83-41

335	10:45	272.9	+4	1.17	87.08
325	10:48	284.6	+4	.83	88.29
315	10:52	293.9	+4	1.00	89.26
	10:59	258.8	+5	1.25	85.62
	11:07	476.1	+5	1.00	
		-340.8			
		135.3	+5	1.12	446.4

Line 105 Reset base E-3, checked levels, reset levels, bulb burnt out, replaced bulb.

(E-3)	11:30	99.9		1.00	108.20
(E-3)	11:37	100.00		1.00	
315	11:44	167.5	+1	.43	115.22
325	11:48	156.1	+1	.58	114.04
335	11:52	140.5	+1	1.25	112.42
345	11:57	134.6	+2	.50	111.82
355	12:02	131.8	+2	1.17	111.52
365	12:06	122.8	+2	1.08	110.59
375	12:09	110.1	+3	.67	109.28
385	12:12	103.4	+3	1.25	108.58
405	12:18	89.5	+3	.25	107.11
415	12:22	83.8	+4	.93	106.56
425	12:25	76.9	+4	1.08	105.84

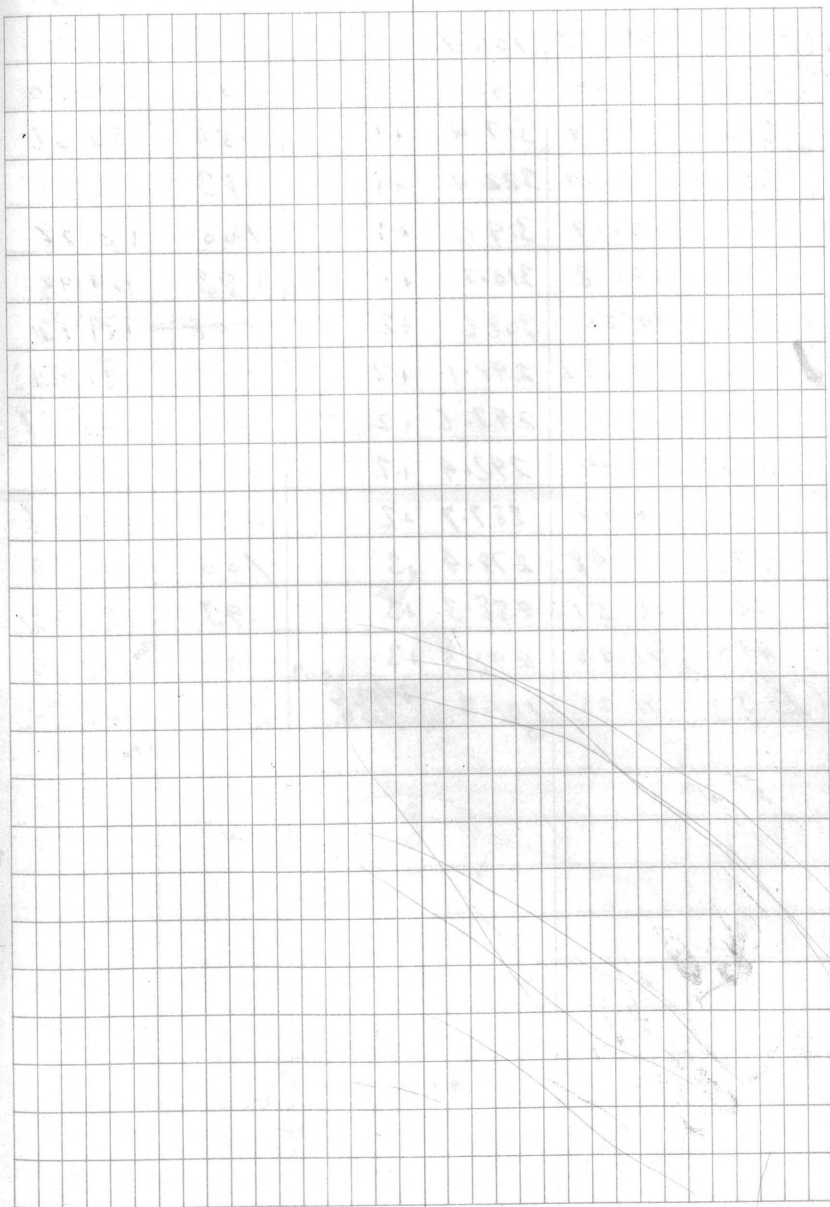
476.1
340.8
135.3

Line 109

385	12:41	156.4	+5	1.17	114.11
375	12:47	160.7	+6	1.00	114.57
365	12:50	174.7	+6	1.00	116.02
95	too	soft	+0		
345	12:57	200.8	+6	1.17	118.74
335	1:02	212.0	+7	.25	119.91
325	1:05	217.8	+7	.50	120.51
315	1:09	229.8	+7	1.00	121.76
305	1:15	200.8	+8	1.17	118.76
(E-3)	1:28	99.1	+9.8108 11	1.00	

too damn windy



May 28	Time	Rds	Drift	HI	O.C.
(E-3)	9:32	101.7		1.00	
(E-3)	9:40	101.7		1.00	108.20
315	9:59	317.4	+1	.50	130.62
³² 33	10:07	322.4	+1	.83	131.14
³⁴ 35	10:14	319.6	+1	1.00	130.85
36	10:18	310.7	+1	.93	129.93
37.5	10:22	308.6	+2	1.08	129.72
³⁸ 39.5	10:32	298.1	+2	1.05	128.63
40.5	10:37	297.6	+2	.00	128.57
41.5	10:41	292.4	+2	.83	128.03
42.5	10:44	287.7	+2	.17	127.55
43.5	10:48	278.4	+3	1.00	126.59
44.5	10:51	288.3	+3	.93	127.62
45	11:00	292.3	+3	.83	128.03
(E-3)	11:25	101.3	⁴⁷ 1.00	1.00	108.20

Checked levels 50

Very Windy

2.50

193.46

Line S-11	Time	Rds	drift	HJ	O.G
Base E	1:27	110.2		.33	72.23
4S	1:37	152.1	+1	1.25	76.59
3S	1:42	165.0	+1	1.25	77.93
2S	1:46	179.1	+2	1.33	79.41
1S	1:50	188.8	+2	1.25	80.52
00 21.5	2:04	199.1	+3	1.00	81.50
1N	2:11	208.8	+4	1.33	82.52
2N	2:18	224.3	+5	1.33	84.14
Base E	2:34	109.6	+6/67	.33	72.23

May 29 Line 178W	Time	Rdgs.	Drift	H. I.	O. G.
Base A	8:09	249.9		1.17	100.00
17.5	8:44	365.7	+3	1.25	112.06
18.5	8:52	365.3	+3	1.00	112.02
19.5	9:06	345.5	+4	.67	109.97
20.5	9:12	324.8	+5	1.08	107.83
21.5	9:18	311.8	+5	1.08	106.48
22.5	9:23	299.0	+5	1.08	105.15
Base A	10:10	249.0	+9 12	1.17	100.00

May 29

Line 178W	Time	Rdgs.	Drift	H I.	0.6
Base A	10:17	249.0		1.17	100.00
23 S	11:01	291.0	+1	1.17	104.37
24 S	11:10	277.2	+2	1.25	102.95
25 S	11:15	260.2	+2	1.00	101.18
25 S	11:27	245.1	+2	1.00	99.62
27 S	11:34	228.8	+2	1.17	97.92
28 S	11:39	215.4	+3	.83	96.54
Base A	12:27	248.6	$\frac{+4}{130}$	1.25	100.00

Shaly

May 29

Line	Time	Rdgs.	Drift	H.I.	O.G.
Base A	13.33	247.6		1.25	100.00
29 S	14.28	198.6	-1	1.17	94.90
30 S	14.31	190.4	-1	1.00	94.05
31 S	14.36	182.1	-1	.92	93.18
32 S	14.42	168.8	-1	1.17	91.80
33 S	14.46	155.3	-1	.92	90.40
Base A	15.48	247.8	$\frac{-2}{135}$	1.17	100.00

May 30
Line 77W

Time

Rdgs.

Drift

H.I.

O.G.

(E1)	Time	Rdgs.	Drift	H.I.	O.G.
37 S	10.22	259.2	+2	.92	70.29
38 S	10.28	263.5	+3	1.00	70.74
39 S	10.34	269.4	+3	1.08	71.36
40 S	10.38	273.6	+4	1.17	71.80
41 S	10.43	278.2	+4	1.08	72.28
42 S	10.48	282.5	+5	1.00	72.74
43 S	10.52	288.3	+6	.83	73.35
44 S	10.57	293.9	+6	.75	73.93
45 S	11.04	298.8	+7	1.17	74.45
(E1)	11.25	282.5	+1.0 76	1.17	72.79

Shaky ground

" "

" " Water

Shaky ground

" "

May 30

	Time	Rdgs.	Drift.	H.I.	O.G.
(E 3)	12.14	461.2		1.00	108.20
Line 105	12.32	542.1		1.33	
30 S	12.32	542.1	0	1.33	116.61
29 S	12.38	542.8	0	1.00	116.68
28 S	12.44	551.3 ⁹	+1	1.00	117.57
27 S	12.49	560.3	+1	.67	118.51
26 S	12.55	562.6	+1	.92	118.75
25 S	13.02	575.4 ⁹	+1	.83	120.06
24 S	13.07	594.5 ⁹	+1	.67	122.06
23 S	13.16	593.3	+1	1.00	121.94
22 S	13.20	603.3	+1	1.00	122.97
21 S	13.24	610.3	+1	1.08	123.70

19 S and 18 S so shaky render readings impossible. Error in numbering between 19 and 25.

(E 3)	14.02	461.0	+ $\frac{2}{10}$	1.00	108.20
Line 109					

30 S	14.21	603.7	0	1.25	123.03
29 S	14.25	609.1	0	.92	123.59
28 S	14.30	612.8	0	1.00	123.97
29 S	14.52	517.3 ⁹	0	.83	114.05
40 S	14.57	510.4	0	1.33	113.33

Extremely shaky ground forbids readings on stations.

41 S, 42 S

43 S	15.06	503.3	0	1.17	112.59
44 S	15.11	505.2	0	.83	112.79

change of range

shaky ground and wind

shaky ground

" "

" " and wind. # 25 S could not be found

" "

shaky ground

shaky ground

" "

shaky ground

May 30
 Line 109

Time	Rdgs.	Drift	M.I.	O.G.
15.16	499.1	0	1.17	112.16

Line 105

15.35	431.9	0	1.33	105.18
15.40	422.5	0	1.08	104.20
15.45	418.9	0	1.00	103.83

Line 101

15.57	348.4	0	.83	96.50
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Station 445 & 435 are too shaky to be read
 (E3) 16.17 461.0 0 / 1.35 108.20

Shaky ground

May 31	Time	Rdgs.	Drift	H.I.	O.G.
Line 85A					
(E1)	10.51	121.9		1.00 ^{1.33}	72.79
81 W	11.00	181.4	.2	.83	78.99
1 W	11.05	199.8	.3	1.08	80.91
2 W	11.11	219.0	.4	1.50	82.92
3 W	11.17	238.5	.5	1.17	84.96
4 W	11.23	254.5	.6	.90	86.63
5 W	11.31	269.5	.7	1.17	88.20
6 W	11.37	288.7	.8	.83	90.20
7 W	11.42	307.2	.9	1.25	92.14
8 W + 90	11.47	316.3	1.0	1.00	93.09
(E1)	12.03	120.6	1.3 72	1.33 7.00	72.79

255.1
270.2 15.1 x K
289.5 19.3 1.57
2.00
308.1
317.3 9.2 x K: .95
Shaky (1038)