Garnet St x Section
Jewel St. "
Emerald St "
Lamont St "

233

400

LEVEL

City Engineers Office
San Diego, Cal.

F.B. 233

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	2 1/3	21	49	41	95 2/3
2	4 2/3	22	51 1/3	42	98
3	7	23	53 2/3	43	100 1/3
4	9 1/3	24	56	44	102 2/3
5	11 2/3	25	58 1/3	45	105
6	14	26	60 2/3	46	107 1/3
7	16 1/3	27	63	47	109 2/3
8	18 2/3	28	65 1/3	48	112
9	21	29	67 2/3	49	114 1/3
10	23 1/3	30	70	50	116 2/3
11	25 2/3	31	72 1/3	51	119
12	28	32	74 2/3	52	121 1/3
13	30 1/3	33	77	53	123 2/3
14	32 2/3	34	79 1/3	54	126
15	35	35	81 2/3	55	128 1/3
16	37 1/3	36	84	56	130 1/3
17	39 2/3	37	86 1/3	57	133
18	42	38	88 2/3	58	135 1/3
19	44 1/3	39	91	59	137 2/3
20	46 2/3	40	93 1/3	60	140

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TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

MICROFILMED
SEP 8 1964

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
0		0		0		0	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

233

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Table sh
runn

Minutes
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

Ret

In the f
nu
ch

Angle
0
4
5
6
7
8
9
10

Benches —

68.16 SE. Kendal - Garnet Spk. Fence

70.50 NW Jewel - " " " "

72.75 Peg. S of Feldspar on Jewel

72.78 - Spk in Pole - No of N.W. Cor Lamont & Jewel.

74.42 Ht

6525	6925	6595	6915
65.5	69.5	65.6	69.8
−0.75	+0.25	−0.45	+0.65

660	6905	6595	6895
65.2	69.4	64.4	69.7
−0.8	+0.4	−1.25	+0.75

6585	688	6575	6875
64.4	68.8	63.9	68.2
−1.45	00	−1.85	−0.55

6565	684	6555	~~682~~	6545
63.8	66.0	64.0	~~66.7~~	64.3
−1.85	−2.4	−1.55	−1.6	−1.15

682	683	6535	6835
66.0	65.9	64.9	68.9
−2.2	−2.4	−0.45	+0.55

6525	6825
65.8	69.9
+0.55	+1.65

1/17/06 Hald
Hoslam
Thomas

Garnet St.

Kendall St.

6525	65.0	68.0	6825
6535	65.1	68.1	6835
6545	65.2	68.2	6845
6555	65.3	68.3	6855
6565	65.4	68.4	6865
6575	65.5	68.5	6875
6585	65.6	68.6	6885
6595	65.7	68.7	6895
6605	65.8	68.8	6905
6615	65.9	68.9	6915
6625	66.0	69.0	6925

Lamont St.

65.25	68.25	65.60	68.35	65.95
67	72.5	66.7	73.50	65.6
+1.75	+4.25	+1.1	+5.15	−0.35
68.45	64.30	68.55	66.65	68.65
72.7	64.90	70.1	63.9	67.7
+4.25	−1.4	+1.55	−2.75	−2.95
67.00	68.75	67.35	68.85	67.7
63.8	66.2	62.6	65.6	64.1
−3.2	−2.55	−4.75	−3.25	−3.6
68.95	68.05	69.05	68.40	69.15
65.4	66.2	67.5	67.2	68.6
−3.55	−1.85	−1.55	−1.2	−0.55
68.75	69.25	68.75	69.25	
68.0	68.9	69.2	69.6	
−0.8	−0.35	+0.45	+0.35	

Garnet St.

Jewel St.

68.75	68.50	69.0	69.25
68.40	68.15	68.9	69.15
68.05	67.80	68.8	69.05
67.70	67.45	68.7	68.95
67.35	67.10	68.6	68.85
67.00	66.75	68.5	68.75
66.65	66.40	68.4	68.65
66.30	66.05	68.3	68.55
65.95	65.70	68.2	68.45
65.60	65.35	68.1	68.35
65.25	65.0	68.0	68.25

Kendall St.

POSTED

Garnet St

BM	1.64	74.42		72.78	
	W line Lamont.				
S.			8.9	65.5	F0.8
d.			8.2	66.2	
1/4			7.5	66.9	
C			6.6	67.8	
1/4			6.3	68.1	
d.			6.3	68.1	
N			4.9	69.5	C0.3
	25' W of Lamont.				
N			4.5	69.9	
19			5.4	69.0	
d.			6.3	68.1	
1/4			6.0	68.4	
C			6.3	68.1	
1/4			7.2	67.2	
d.			8.2	66.2	

1/17/06 Hatch Haslam Thomas

3

74.92

S		8.8	65.6	
	50' W of Lamont.			
S		8.8	65.6	F0.5
19		7.9	66.5	
d.		8.2	66.2	
1/4		7.1	67.3	
C		6.3	68.1	
1/4		6.0	68.4	
d.		6.3	68.1	
1		5.3	69.1	
N.		4.6	69.8	C0.7
	75' W of Lamont.			
N.		4.9	69.5	
d.		5.7	68.7	
1/4		6.2	68.2	
C		6.4	68.0	

74.42

1/4	7.1	67.3	
d.	8.2	66.2	
1'	7.8	66.6	
S	9.0	65.4	
100' W of Lamont.			
S	9.2	65.2	F0.8
d.	8.2	66.2	
1/4	7.4	67.0	
C	6.6	67.8	
1/4	6.2	68.2	
d.	6.3	68.1	
N	5.0	69.9	C0.4
125' W of Lamont.			
N	4.8	69.6	
d.	6.3	68.1	
1/4	6.5	67.9	

Garnet St

74.42

C	6.6	67.8	
1/4	7.6	66.8	
d.	8.3	66.1	
S	9.4	65.0	
150' W of Lamont.			
S	9.7	64.7	F1.3
d.	8.7	65.7	
1/4	7.8	66.6	
C	6.7	67.7	
1/4	6.5	67.9	
9'	7.0	67.4	
d.	6.1	68.3	
N	4.7	69.7	C0.8
175' W of Lamont			
N	5.2	69.2	
18'	6.3	68.1	

7442

d.		7.2	67.2	
1/4		6.6	67.8	
C		7.3	67.1	
1/4		8.0	66.4	
d.		8.7	65.7	
S		10.0	64.4	
	200' W of Lamont.			
S		10.0	64.4	Fl.5
d.		9.1	65.3	
1'		9.4	65.0	
1/4		8.4	66.0	
C		7.4	67.0	
1/4		7.1	67.3	
d.		7.4	67 0	
3'		6.7	67.7	
N		5.6	68.8	G

Garnet

7442

	225' W of Lamont		
N.	5.8	68.6	
18	7.0	67.4	
d.	7.9	66.5	
1/4	7.3	67.1	
C	7.8	66.6	
1/4	8.7	65.7	
d	9.4	65.0	
S	10.3	64.1	
	250' W of Lamont.		
S	10.5	63.9	Fl.9
d.	9.8	64.6	
1/4	9.0	65.4	
C	8.4	66.0	
1/4	7.9	66.5	
d.	8.3	66.1	

74.42

2'	7.1	67.3	
N	6.2	68.2	F0.6
275' W of Lamont			
N	6.5	67.9	
18	7.5	66.9	
ch	8.5	65.9	
1/4	7.5	66.9	
C	7.9	66.5	
1/4	9.0	65.4	
ch.	9.7	64.7	
S	10.6	63.8	
306 W of Lamont.			
S	10.6	63.8	F1.9
ch.	9.7	64.7	
1'	10.0	64.4	
1/4	9.1	65.3	

Garnet St

74.42

C	7.9	66.5	
1/4	7.7	66.7	
ch.	8.4	66.0	F2.4
2	7.7	66.7	
N.	6.5	67.9	
325' W of Lamont.			
N.	6.5	67.9	
18	7.9	66.5	
ch.	8.6	65.8	
1/4	7.9	66.5	
C	7.7	66.7	
1/4	9.5	64.9	
9	10.1	64.3	
ch.	9.6	64.8	
S	10.4	64.0	

7442

350' W of Lamont

S	10.4	64.0	F1.6
ch.	10.0	64.4	
1'	10.3	64.1	
1/4	9.6	64.8	
C	8.3	66.1	
1/4	8.1	66.3	
ch.	8.5	65.9	F2.4
2'	7.7	66.7	
N.	6.3	68.1	

375' W of Lamont

N	6.5	67.9	
19	7.8	66.6	
ch.	8.5	65.9	
1/4	8.0	66.4	
C	8.0	66.4	

Garnet St.

7442

1/4	9.2	65.2	
9'	10.3	64.1	
ch	10.0	64.4	
S	10.2	64.2	

400' W of Lamont.

S	10.1	64.3	F1.7
19'	9.8	64.6	
ch	10.3	64.1	
1/4	8.8	65.6	
C	7.9	66.5	
1/4	7.6	66.8	
ch.	8.4	660	F2.2
1'	7.2	67.2	
N.	5.0	69.4	

425 W of Lamont.

N.	5.6	68.8	

7442

18	7.0	67.4	
ab	7.8	66.6	
1/4	7.2	67.2	
c	7.4	67.0	
1/4	8.3	66.1	
ab	9.7	64.7	
1'	9.1	65.3	
S	10.0	64.4	
	450' W of Lamont		
S	9.5	64.9	F 0.5
19'	8.5	65.9	
ab	9.2	65.2	
1/4	7.9	66.5	
c	6.9	67.5	
1/4	7.2	67.2	
ab	7.9	66.5	

Garnet St

7442

1'	6.7	67.7	
N	5.5	68.9	C 0.6
	475' W of Lamont		
N	5.3	69.1	
19'	6.2	68.2	
ab	7.3	67.1	
1/2	6.7	67.7	
c	6.9	67.5	
1/2	7.8	66.6	
ab	8.5	65.9	
1'	8.1	66.3	
S	8.8	65.6	
	500' W of Lamont - E line Kendall		
S	8.6	65.8	C 0.6
19'	7.6	66.8	
ab	7.9	66.5	

		74.42			
1/4			6.9	67.5	
C			6.6	67.8	
1/4			6.6	67.8	
cb.			6.5	67.9	
1'			5.4	69.0	
N.			4.5	69.9	C 1.7
T.P	9.21	74.66	6.97	67.45	
	E Cb. Kendall				
N.			3.7	71.0	
19			4.8	69.9	
cb.			5.7	69.0	
1/4			6.3	68.4	
C			6.7	68.0	
1/4			7.2	67.5	
cb.			7.4	67.3	
S			8.4	66.3	

Garnet St

74.66

2' W of E Curb Kendall

S			9.3	65.4	
cb.			7.9	66.8	
1/4			7.2	67.5	
C			6.8	67.9	
1/4			6.4	68.3	
cb			5.7	69.0	
2			4.6	70.1	
N			3.5	71.2	
	E 1/4 Kendall				
S			9.3	65.4	
cb.			8.2	66.5	
1/4			7.5	67.2	
C			7.0	67.7	
1/4			6.2	68.5	

7466

ab.	5.3	69.4
1'	4.5	70.2
N	3.3	71.4
Cr Kendall		
N	3.4	71.3
19	4.4	70.3
ab.	5.6	69.1
1/4	6.3	68.4
C	6.5	68.2
1/4	7.3	67.4
ab.	7.7	67.0
S	8.9	65.8
W 1/4 Kendall		
S	8.8	65.9
ab.	7.8	66.9
1/4	7.1	67.6

Garnet St

7466

C	6.6	68.1
1/4	6.5	68.2
ab.	6.3	68.4
1'	4.1	70.6
N	3.1	71.6
2'E of W Cb. Kendall		
N	2.8	71.9
19'	4.0	70.7
ab.	6.5	68.2
1/4	6.2	68.5
C	6.6	68.1
1/4	7.2	67.5
ab.	7.8	66.9
S	9.2	65.5
W Cb. Kendall		
S	7.6	67.1

7466

cl.	7.5	67.2		
1/4	7.2	67.5		
c	6.6	68.1		
1/4	6.1	68.6		
cl.	6.4	68.3		
1'	3.9	70.8		
N.	2.7	72.0		
W. line Kendall				
N	2.2	72.5	C4.3	
19'	3.7	71.0		
cl.	5.9	68.8		
1/4	5.9	68.8		
c	6.3	68.4		
1/4	6.7	68.0		
cl.	7.6	67.1		
3'	6.2	68.5		

4.6
70.50 Bm.

Garnet St

7466

S	7.7	67.0	C1.8	
25' W of Kendall -				
N.	1.6	73.1		
19'	3.2	71.5		
cl	5.8	68.9		
1/4	6.0	68.7		
c	6.2	68.5		
1/4	6.9	67.8		
cl.	7.7	67.0		
3'	6.5	68.2		
S	7.7	67.0		
50' W of Kendall -				
S	8.0	66.7	C1.1	
17	6.8	67.9		
cl.	7.4	67.3		
1/4	7.0	67.7		

4/15/06	Hatch Haslam Thomas.				
		7466			
C			6.0	68.7	
1/4			6.1	68.6	
ch.			6.8	68.9	
1'			3.2	71.5	
N.			1.2	73.5	C 5.2
BM	3.33	73.83		70.50	
		75' W of Kendall			
N.			0.3	73.5	
1 8'			2.3	71.5	
ch.			4.8	69.0	
1/4			5.5	68.3	
C			5.7	68.1	
1/4			6.6	67.2	
ch.			7.1	66.7	
3'			6.3	67.5	
S			7.9	65.9	

Garnet St

		73.83			
		100' W of Kendall-			
S			8.2	65.6	F 0.4
17'			6.6	67.2	
ch.			7.6	66.2	
1/4			6.9	66.9	
C			6.0	67.8	
1/4			5.9	67.9	
ch.			5.2	68.6	
2'			2.8	71.0	
N.			1.1	72.7	C 4.3
		125' W of Kendall-			
N			2.5	71.3	
18'			3.9	69.9	
ch.			6.0	67.8	
1/4			6.0	67.8	
C			5.9	67.9	

		73.83			
1/4			7.2	66.6	
cb.			8.1	65.7	
3'			7.2	66.6	
S			8.6	65.2	
	150' W of Kendall				
S.			8.9	64.9	F1.4
17'			7.5	66.3	
cb.			9.0	64.8	
1/4			6.9	66.9	
C			5.8	68.0	
1/4			5.9	67.9	
cb.			6.5	67.3	
1'			4.9	68.9	
IV.			3.7	70.1	C1.6
	175' W of Kendall				
IV			4.9	68.9	

Garnet St

		73.83			
18'			5.8	68.0	
cb.			7.2	66.6	
1/4			6.2	67.6	
C			5.6	68.2	
1/4			7.4	66.4	
cb.			9.6	64.2	
2'			8.3	65.5	
S			9.3	64.5	
	200' W of Kendall				
S			9.9	63.9	F2.5
17'			8.5	65.3	
cb.			9.8	64.0	
1/4			8.1	65.7	
C			5.8	68.0	
1/4			6.5	67.3	
cb.			7.9	65.9	

	73.83			
1'		7.1	66.7	
N		6.1	67.7	F 1.0
	225' W of Kendall			
N.		6.7	67.1	
1/4		7.6	66.2	
ch		8.4	65.4	
1/4		6.6	67.2	
C		6.1	67.7	
1/4		6.9	66.9	
ch		9.4	64.4	
3'		5.9	64.9	
S		10.4	63.4	
	250 W of Kendall			
S		10.8	63.0	F 3.2
18		5.9	64.9	
ch.		8.0	65.8	

Garnet St

	73.83			
1/4		6.5	67.3	
C		6.1	67.7	
1/4		7.0	66.8	
ch		9.0	64.8	
1'		8.4	65.4	
N.		7.6	66.2	F 2.6
	275 W of Kendall			
N.		8.2	65.6	
ch.		9.0	64.8	
1/4		6.9	66.9	
C		6.2	67.6	
1/4		6.4	67.4	
ch		9.0	64.8	
S		11.1	62.7	
	300' W of Kendall			
S		11.2	62.6	F 4.8

		73.83			
cb		9.4	64.4		
1/4		6.3	67.5		
c		6.3	67.5		
1/4		7.2	66.6		
cb		9.0	64.8		
N		8.2	65.6	F2.8	
	325' W. of Kendall				
N		8.5	65.3		
cb		9.1	64.7		
1/4		7.1	66.7		
c		6.3	67.5		
1/4		6.5	67.3		
cb		9.3	64.5		
S		10.6	63.2		
	350 W of Kendall				
S		9.7	64.1	F3.6	

Garnet St

		73.83			
cb		9.6	64.2		
1/4		6.8	67.0		
c		6.7	67.1		
T/c		7.6	66.2		
cb		9.4	64.4		
3'		8.6	65.2		
N		8.4	65.4	F3.6	
	375' W of Kendall				
N		7.4	66.4		
15'		8.0	65.8		
cb		8.7	65.1		
1/4		7.3	66.5		
c		6.7	67.1		
1/4		6.8	67.0		
cb		8.6	65.2		
S		8.7	65.1		

Garnet St

73.83

400' W of Kendall

S	7.6	66.2	F1.9
ch.	7.6	66.2	
1/4	7.0	66,8	
c	6.1	67.7	
1/4	6.5	67.3	
ch.	6.9	66,9	
N	6.3	67.5	F1.6

425' W of Kendall

N	5.6	68,2	
ch.	6.2	67,6	
1/4	6.2	67,6	
c	6.0	67,8	
1/4	6.3	67,5	
ch.	7.1	66,7	
3'	6.5	67,5	

73.83

S	7.1	66,7	

450' W of Kendall

S	6.6	67.2	F1.2
19	6.2	67,6	
ch.	6.8	67,0	
1/4	6.0	67,8	
c	5.7	68,1	
1/4	5,6	68,2	
ch	6.3	67.5	
2'	5.3	68,5	
N	5.2	68.6	F0.6

475' W of Kendall

N	4.8	69,0	
18	5.0	68,8	
ch.	5.8	68.0	
1/4	5.2	68,6	

7383

c	5.2	68.6
1/4	5.5	68.3
cb	6.5	67.3
1'	5.8	68.0
S	6.3	67.5

500 W of Kendall - Elite Jewel

S	5.8	68.0 F 0.8
19	5.4	68.4
cb.	6.1	67.7
1/4	5.4	68.4
c	5.0	68.8
1/4	4.9	68.9
cb.	5.4	68.4
2'	4.9	68.9
N.	4.9	68.9 F 0.4

Garnet St

7383

E Cb. Jewel

N.	4.7	69.1
18	4.6	69.2
cb	5.4	68.4
1/4	4.8	69.0
c	4.6	69.2
1/4	5.1	68.7
cb	5.8	68.0
1'	5.4	68.4
S	5.2	68.6

E 1/4 Jewel

S	5.2	68.6
cb.	5.2	68.6
1/4	5.0	68.8
c	4.4	69.4
1/4	4.6	69.2

		73.83			
Cb.			4.8	69.0	
N			4.7	69.1	
Cr. Jewel.					
N			4.5	69.3	
Cb			4.8	69.0	
1/4			4.4	69.4	
C			4.4	69.4	
1/4			4.9	68.9	
Cb			5.3	68.5	
S			5.1	68.7	
W 1/4 Jewel.					
S			4.7	69.1	
Cb			5.0	68.8	
1/4			4.6	69.2	
C.			4.6	69.2	
1/4			4.5	69.3	

Garnet St.

		73.83			
Cb			4.6	69.2	
N			4.6	69.2	
W Cb. Jewel					
N			4.5	69.3	
Cb			4.3	69.5	
1/4			4.3	69.5	
C			4.2	69.6	
1/4			4.2	69.6	
Cb.			4.5	69.3	
S			4.6	69.2	
W Line Jewel					
S			4.6	69.2	C 0.5
Cb.			4.8	69.0	
1/4			4.0	69.8	
C			4.0	69.8	
1/4			4.3	69.5	

POSTED

		7383			
cb			4.4	69.4	
N			4.2	69.6	C0.4
BM	582	76.32		70.50	
	Jewel St.				
	25' N of Garnet				
W			6.5	69.8	
cb			6.9	69.4	
1/4			7.1	69.2	
C			7.2	69.1	
1/4			6.9	69.4	
cb			7.2	69.1	
E			7.0	69.3	
	50' N of Garnet				
E			7.2	691	F0.7
cb			7.2	69.1	
1/4			7.0	69.3	

Jewel St.

		7632			
C			7.1	69.2	
1/4			7.0	69.3	
cb			6.9	69.4	
W			6.5	69.8	F0.1
	75' N of Garnet				
W			6.6	69.7	
cb			6.7	69.6	
1/4			6.9	69.4	
C			7.0	69.3	
1/4			6.9	69.4	
cb			6.7	69.6	
E			7.1	69.2	
	100 N of Garnet				
E			6.9	69.4	F1.0
cb			6.7	69.6	
1/4			6.8	69.5	

7632

C	7.0	69.3	
1/4	6.9	69.4	
ob.	6.8	69.5	
W	6.9	69.4	F1.0
5 Line Alley 125' N of Garnet.			
W	6.9	69.4	F1.3
ob.	7.0	69.3	
1/4	6.9	69.4	
C	6.9	69.4	
1/4	6.5	69.8	
ob.	6.6	69.7	
E	6.9	69.4	F1.3
N. Line Alley 145' N of Garnet.			
E	6.7	69.6	F1.3
ob.	6.6	69.7	
1/4	6.5	69.8	

Jewel St

7632

C	6.7	69.6	
1/4	6.8	69.5	
ob.	6.7	69.6	
W	6.9	69.4	F1.5
170' N of Garnet			
W	6.5	69.8	F1.4
ob.	6.6	69.7	
1/4	6.4	69.9	
C	6.4	69.9	
1/4	6.2	70.1	
ob.	6.4	69.9	
E	6.3	70.0	F1.2
195' N of Garnet			
E	5.9	70.4	
ob.	5.9	70.4	
1/4	5.8	70.5	

76.32

C		6.0	70.3	
1/4		5.8	70.5	
cb.		5.9	70.4	
W		5.9	70.4	
	220 N of Garnet.			
W		5.4	70.9	FO.8
cb.		5.3	71.0	
1/4		5.5	70.8	
C		5.7	70.6	
1/4		5.6	70.7	
cb.		5.4	70.9	
E		5.4	70.9	FO.8
	245 N of Garnet.			
E		4.9	71.4	
cb.		4.9	71.4	
1/4		5.2	71.1	

Jewel St

76.32

C		5.2	71.1	
1/4		5.1	71.2	
cb.		5.0	71.3	
W		4.9	71.4	
	390 N of Garnet - Shine feldspar			
W		4.3	72.0	FO.3
cb		4.5	71.8	
1/4		4.6	71.7	
C		4.7	71.6	
1/4		4.6	71.7	
cb.		4.5	71.8	
E		4.6	71.7	FO.6
	Sh. Feldspar			
E		4.4	71.9	
cb		4.3	72.0	
1/4		4.3	72.0	

7632

C		4.5	71,8
1/4		4.3	72,0
cb.		4.2	72,1
W		4.0	72,3
S 1/4 Feldspar.			
W		3.8	72,5
cb		4.1	72,2
1/4		4.2	721
C		4.3	72,0
1/4		4.3	72.0
cb		4.2	721
E		4.4	71,9
Cb. Feldspar.			
E		4.2	721
cb		4.2	72,1
1/4		4.1	72,2

Jewel St

7632

C		4.2	721
1/4		4.1	72,2
cb-		3.9	72,4
W		3.7	72,6
N 1/4 Feldspar			
W		3.6	72,7
cb		3.9	72,4
1/4		4.0	72,3
C		4.0	723
1/4		4.0	723
cb.		4.1	72.2
E		4.1	72,2
N Cb. Feldspar.			
E		4.0	72,3
cb.		3.9	72,4
1/4		3.9	72,4

	76.32			
C		4.0	72.3	
1/4		3.8	72.5	
Cb		3.7	72.6	
W		3.6	72.7	
	N Line Feldspar			
W		3.3	73.0	F0.3
Cb		3.4	72.9	
1/4		3.4	72.9	
C		3.7	72.6	
1/4		3.6	72.7	
Cb		3.6	72.7	
E		3.5	72.8	F0.5
	25' N of Feldspar			
E		3.0	73.3	
Cb		3.1	73.2	
1/4		3.3	73.0	

Jewel St

	76.32			
C		3.4	72.9	
1/4		3.2	73.1	
Cb		3.1	73.2	
W		3.0	73.3	
	50' N of Feldspar			
W		2.8	73.5	F1.1
Cb		2.8	73.5	
1/4		2.7	73.6	
C		3.0	73.3	
1/4		2.8	73.5	
Cb		2.6	73.7	
E		2.6	73.7	F0.9
	75' N of Feldspar			
E		2.0	74.3	
Cb		2.2	74.1	
1/4		2.3	74.0	

Jewel St

76.32

C		1.4	74.9	
1/a		1.3	75.0	
ab		1.2	75.1	
W		1.4	74.9	F1.6
	Slime Alley			
	145' N of Feldspar			
W		0.8	75.5	F1.5
ab		0.8	75.5	
1/a		0.7	75.6	
a		0.9	75.4	
1/a		0.6	75.7	
ab		0.6	75.7	
E		0.7	75.6	F1.4

76.33

C	2.3	74.0		
1/a	2.3	74.0		
ab	2.5	73.8		
W	2.5	73.8		
	100' N of Feldspar			
W	1.9	74.4	F1.5	
ab	1.9	74.4		
1/a	1.7	74.6		
C	1.9	74.4		
1/a	1.7	74.6		
ab	1.6	74.7		
E	1.6	74.4	F1.2	
	Slime Alley			
	125' N of Feldspar			
E	1.2	75.1	F1.4	
ab	1.0	75.3		
1/a	1.0	75.3		

BM	11.38	81.88		70.50	
	170' N of Feldspar				
W			5.7	76.8	F1.5
Cb			5.8	76.1	
1/4			5.8	76.1	
C			5.8	76.1	
1/4			5.4	76.5	
A			5.1	76.8	
E			5.4	76.5	F1.2
	195' N of Feldspar				
E			4.6	77.3	
Cb			4.4	77.5	
1/4			4.5	77.4	

Jewel St

71.88

C		4.6	77.3	
1/4		4.8	77.1	
A		4.7	77.2	
W		4.8	77.1	
	220' N of Feldspar			
W		3.8	78.1	F0.9
Cb		3.6	78.3	
1/4		4.0	77.9	
C		3.8	78.1	
1/4		3.7	78.2	
A		3.5	78.4	
E		3.7	78.2	F0.8
	245' N of Feldspar			
E		2.9	79.0	
Cb		3.0	78.9	
1/4		2.8	79.1	

		81.88			
C			3.1	78.8	
1/4			3.0	78.9	
Cb			3.0	78.9	
W			2.8	79.1	
	270' N of Feldspar - Shine Emerald				
W			2.1	79.8	F 0.5
Cb			2.0	79.9	
1/4			2.1	79.8	
C			2.0	79.9	
1/4			1.9	80.0	
Cb			1.8	80.1	
E			2.1	79.8	F 0.5
	S Cb. Emerald				
E			1.3	80.6	
Cb			1.3	80.6	
1/4			1.3	806	

Jewel St.

		81.88		
C			1.2	80.7
1/4			1.4	80.5
Cb			1.0	80.9
W			1.6	80.3
	S 1/4 Emerald			
W			0.9	81.0
Cb			0.8	81.1
1/4			1.1	80.8
C			0.8	81.1
1/4			0.9	81.0
Cb			0.8	81.1
E			0.8	81.1
	Cr. Emerald			
E			0.1	81.8
Cb			0.3	816
1/4			0.4	81.5

POSTED

					Jewel St.			
		81.88			84.10			
C			3.5	81.44	C		2.1	82.0
1/4			0.6	81.3	1/4		2.3	81.8
cb.			0.6	81.3	cb.		1.9	82.2
W			0.6	81.3	W		2.2	81.9
T.P	2.87	84.10	0.65	81.23		N Line Emerald		
		N/4 Emerald			W		1.3	82.8 C0.5
W			2.4	81.7	cb.		1.0	83.1
cb.			2.4	81.7	1/4		1.4	82.7
1/4			2.6	81.5	C		1.2	82.9
C			2.4	81.7	1/4		1.2	82.9
1/4			2.2	81.9	cb.		1.2	82.9 C0.5 NE Hub Jewel Std Emerald
cb.			2.3	81.8	(BM) E	8.10	90.89	13.2 82.79
E			2.8	81.3		Emerald St.		
	N Cb	Emerald				50' E of	Jewel	
E			2.1	82.0	N		8.5	82.4
Cb			2.3	81.8	cb.		9.3	81.6
1/4			2.2	81.9				

1/22/06 Hatch Haslam Thomas

90.89

1/4	9.8	81.1
c	10.1	80.8
1/4	10.2	80.7
cb	10.5	80.4
S	11.3	79.6

100' E of Jewel

S	11.7	79.2
cb	11.2	79.7
1/4	10.9	80.0
c	10.5	80.4
1/4	10.4	80.5
cb	10.0	80.9
N	9.3	81.6

150' E of Jewel

N	9.4	81.5
cb	9.9	81.0

Emerald St

90.89

1/4	10.0	80.9
c	10.3	80.6
1/4	10.8	80.1
cb	11.2	79.7
S	11.9	79.0

200' E of Jewel

S	11.2	79.7
cb	10.4	80.5
1/4	10.0	80.9
c	9.5	81.4
1/4	9.2	81.7
cb	9.2	81.7
N	7.3	82.6

250' E of Jewel

N	6.5	84.4
cb	7.5	83.4

Emerald St

90.89

1/4		4.1	86.8
C		4.4	86.5
1/4		4.9	86.0
d.		5.4	85.5
S		6.2	84.7

400' E of Jewel

S		4.5	86.4
d.		3.7	87.2
1/4		3.2	87.7
C		2.8	88.1
1/4		2.3	88.6
d.		1.4	89.5
N		0.3	90.6
T.P.	1070	99.34	2.25	88.64

90.89

1/4	8.2	82.7
C	8.4	82.5
1/4	8.9	82.0
d.	9.2	81.7
S	10.0	80.9

300' E of Jewel

S	7.9	83.0
d.	7.0	83.9
1/4	6.7	84.2
C	6.4	84.5
1/4	5.9	85.0
d	5.2	85.7
N	4.1	86.8

350' E of Jewel

N	2.3	88.6
d.	3.4	87.5

99.34

450' E of Jewel

S	11.3	88,0
cb	10.4	88.9
1/4	9.7	89,6
c	9.2	90,1
1/4	8.4	90,9
cb	7.9	91,4
N	6.8	92,5

500' E of Jewel - W Line Kendall

N	4.0	95.3
cb	5.7	93.6
1/4	6.5	92.8
c	7.4	91.9
1/4	8.0	91.3
cb	8.4	90.9
S	9.6	89.7

Emerald St

99.34

W cb Kendall

S	9.1	90.2
	7.8	91,5
	7.2	92,1
	6.9	92,4
	6.3	93.0
	5.0	94,3
	3.3	96,0

VW 1/4 Kendall

N	3.5	95,8
	5.0	94,3
	6.0	93,3
	6.8	92,5
	7.0	92,3
	7.6	91.7
	8.8	90.5

9934

Cr. Kendall

S		8.7	90.6
		7.5	91.8
		6.8	92.5
		6.6	92.7
		5.7	93.6
		4.8	94.5
		3.6	95.7

E 1/4 Kendall

N		3.4	95.9
		4.6	94.7
		5.5	93.8
		6.3	93.0
		6.7	92.6
		7.3	92.0
		8.3	91.0

Emerald St.

E Cb. Kendall

S		8.1	91.2
		6.9	92.4
		6.5	92.8
		6.1	93.2
		5.4	93.9
		4.5	94.8
		3.6	95.7

E line Kendall

N		3.7	95.6
		4.6	94.7
		5.3	94.0
		6.1	93.2
		6.4	92.9
		6.9	92.4
		7.5	91.8

99.34

50' E of Kendall

S	6.3	93.0
	5.9	93.4
	5.6	93.7
	5.2	94.1
	4.8	94.5
	4.2	95.1
	3.2	96.1

100' E of Kendall

N	3.3	96.0
	3.9	95.4
	4.5	94.8
	4.6	94.7
	5.1	94.2
	5.3	94.0
	5.8	93.5

99.34

150' E of Kendall

S	5.0	94.3
	4.8	94.5
	4.5	94.8
	4.3	95.0
	4.3	95.0
	3.8	95.5
	3.2	96.1

200' E of Kendall

N	3.0	96.3
	3.3	96.0
	3.6	95.7
	3.5	95.8
	3.5	95.8
	3.5	95.8
	3.4	95.9

99.34

250' E of Kendall

S		1.7	97.6
Sb		2.1	97.2
1/4		2.0	97.3
C		2.1	97.2
1/4		2.2	97.1
Sb		2.0	97.3
N		1.8	97.5
T.P.	6.93 105.14	1.13	98.21

300' E of Kendall

N		6.1	99.0
Sb		6.5	98.6
1/4		6.6	98.5
C		6.4	98.7
1/4		6.2	98.9
Sb		6.2	98.9
S		5.4	99.7

105.14

350' E of Kendall

S		4.3	100.8
		4.9	100.2
		5.2	99.9
		5.0	100.1
		5.0	100.1
		4.8	100.3
		4.3	100.8

400' E of Kendall

N		3.6	101.5
		4.1	101.0
		4.1	101.0
		4.2	100.9
		4.1	101.0
		3.9	101.2
		4.3	100.8

Emerald St

115.14

450' E of Kendall

S		3.6	101.5
		2.9	102.2
		3.3	101.8
		3.0	102.1
		2.7	102.4
		2.8	102.3
		2.5	102.6

500' E of Kendall = W line Lamont

N		2.0	103.1
		2.3	102.8
		2.5	102.6
		2.6	102.5
		2.7	102.4
		2.8	102.3
		3.4	102.7

Emerald St

105.14

W Cl. Lamont

S		4.9	100.2
		4.3	100.8
		4.0	101.1
		3.8	101.3
		3.5	101.6
		3.6	101.5
		3.3	101.8

W 1/4 Lamont

N		3.3	101.8
		3.3	101.8
		3.3	101.8
		3.5	101.6
		3.9	101.2
		4.2	100.9
		5.0	100.1

POSTED

105.14

Cr. Lamont

S		4.7	100.4
		3.7	101.4
		3.4	101.7
		3.2	101.9
		3.1	102.0
		3.0	102.1
		3.0	102.1

E 1/4 Lamont.

N		3.6	101.5
		3.6	101.5
		3.6	101.5
		3.8	101.3
		4.0	101.1
		4.4	100.7
		5.5	99.6

105.14

E Cb. Lamont.

S		5.9	99.2
		5.0	100.1
		4.5	100.6
		4.1	101.0
		4.0	101.1
		3.9	101.2
		4.3	100.8

E Line Lamont

N		4.3	100.8
		4.6	100.5
		4.4	100.7
		4.6	100.5
		4.9	100.2
		5.5	99.6
		6.2	98.9

POSTED

Lamont St.

		105.14	SE Cor Emerald and Lamont		
BM.	0.13	100.25	5 0 2	100.12	Spk Fence
		50' S of Emerald			
E			3.2	97.1	
ob.			3.3	97.0	
1/4			2.7	97.6	
c			2.1	98.2	
1/4			1.9	98.4	
ob			1.0	99.3	
W			0.0	100.3	
		100' S of Emerald			
W			1.7	98.6	
17			2.6	97.7	
ob			3.5	96.8	
1/4			3.5	96.8	
c			3.3	97.0	
1/4			4.3	96.0	
ob			5.2	95.1	

		100.25			
E			6.0	94.3	
		125' S of Emerald		(Alley)	
E			6.7	93.6	
ob.			5.9	94.4	
1/4			5.0	95.3	
c			4.1	96.2	
1/4			4.1	96.2	
ob.			4.1	96.2	
3			2.1	97.2	
W			2.8	97.5	
		145' S of Emerald		(Alley)	
W			3.6	96.7	
17			3.9	96.4	
ob.			4.8	95.5	
1/4			4.7	95.6	
c			4.6	95.7	

100.25

1/4		5.5	94.8
d.		6.3	94.0
E		7.4	92.9
170' S of Emerald.			
E		7.6	92.7
d.		6.7	93.6
1/4		6.0	94.3
C		5.5	94.8
1/4		5.8	94.5
cb.		5.6	94.7
3'		4.9	95.4
W		4.3	96.0
220' S of Emerald			
W		6.6	93.7
17		7.4	92.9
d.		8.1	92.2

Lamont St.

100.25

1/4		8.0	92.3
C		7.9	92.4
1/4		8.3	92.0
d.		9.1	91.2
E		9.5	90.8
270' S. of Emerald = N Lime Feldspar.			
E		12.3	88.0
cb.		12.1	88.2
1/4		11.2	89.1
C		10.9	89.4
1/4		10.9	89.4
d.		10.8	89.5
3'		9.9	90.4
W		9.4	90.9
T.P.	0.00	89.36	10.89	89.36

89.3c

W	0.0	89.4
17	0.8	88.6
ob.	1.7	87.7
1/4	1.6	87.8
c	1.3	88.1
1/4	1.9	87.5
ob.	2.5	86.9
E	2.4	87.0

W. 1/4 Feldspar.

E	3.1	86.3
ob.	3.0	86.4
1/4	2.3	87.1
c	1.9	87.5
1/4	2.2	87.2
ob.	2.3	87.1

89.3c

3'	1.4	88.0
W	0.7	88.7

Cr. Feldspar.

W	1.5	87.9
17'	2.2	87.2
ob.	2.8	86.6
1/4	2.9	86.5
c	2.5	86.9
1/4	2.8	86.6
ob.	3.7	85.7
E	4.2	85.2

5 1/4 Feldspar.

E	4.9	84.5
ob.	4.3	85.1
1/4	3.5	85.9
c	3.1	86.3

		89.3C		
1/4			3.4	86.0
ch.			3.6	85.8
2'			2.8	86.6
W			2.0	87.4
	S ch. Feldspar			
W			2.4	87.0
18'			3.5	85.9
ch.			1.2	85.2
1/4			3.9	85.5
C			3.8	85.6
1/4			4.0	85.4
ch.			4.9	84.5
E			5.2	84.2
	S line Feldspar.			
E			6.5	82.9
ch			6.1	83.3

		89.3C		
1/4			5.4	84.0
C			5.2	84.2
1/4			5.2	84.2
ch.			5.5	83.9
2.			4.7	84.7
W			3.5	85.6
	50' S of Feldspar.			
W			7.1	82.3
18			7.6	81.8
ch.			8.2	81.2
1/4			8.3	81.1
C			8.3	81.1
1/4			8.5	80.9
ch.			9.1	80.3
E			8.7	80.7

8936

100' S of Feldspar

E			11.8	77.6
cb.			11.7	77.7
1/4			11.1	78.3
C			10.8	78.6
1/4			10.9	78.5
cb.			11.0	78.4
I			10.3	79.1
W			9.5	79.6

125' S of Feldspar (Alley)

W			11.2	78.2
19			11.7	77.7
cb.			12.1	77.3
1/4			11.9	77.5
C			11.9	77.5
1/9			12.2	77.2

Lamont St-

8936

cb.			12.8	76.6
E			13.2	76.2
TP	0.50	78.83	11.03	48.33

145' S of Feldspar (Alley)

E			3.5	75.3
cb.			3.1	75.7
1/4			2.5	76.3
C			2.3	76.5
1/4			2.5	76.3
cb.			2.5	76.3
I			1.8	77.0
W			1.6	77.2

170' S of Feldspar

W			2.8	76.0
19			3.3	75.5
cb.			3.9	74.9

78.83

1/4		3.9	74.9
c		3.7	75.1
1/4		3.9	74.9
d.		4.5	74.3
E		4.8	74.0
220' S of Feldspar.			
E		7.3	71.5
d.		7.3	71.5
1/4		6.6	72.2
c		6.4	72.4
1/4		6.8	72.0
d		6.7	72.1
2'		6.1	72.7
W		5.9	72.9
270' S of Feldspar - Rhm Garnet			
W		9.3	69.5

78.83

18'		9.0	69.8	
d		9.7	69.1	
1/4		9.7	69.1	
c		9.3	69.5	
1/4		9.5	69.3	
d.		10.2	68.6	
1'		9.3	69.5	
E.		9.8	69.0	F 0.3
N d. Garnet.				
E		11.0	67.8	
d.		11.1	67.7	
1/4		10.7	68.1	
c		10.4	68.4	
1/4		10.8	68.0	
d.		11.0	67.8	
W		10.4	68.4	

7883

N 1/4 Garnet

W	10.7	68.1
ab.	11.3	67,5
1/a	11.3	67.5
a	10.7	68,1
1/a	11.2	67.6
ab.	11.4	67.4
E	11.3	67,5

Cr. Garnet.

E	12.0	66.8
ab.	12.2	66.6
1/4	11.6	67.2
a	11.3	67.5
1/4	11.7	67.1
ab.	11.7	67.1
W	11.1	67,7

7883

S 1/4 Garnet.

W	11.9	66,9
ab.	12.4	66,4
1/4	12.2	66.6
a	11.8	67.0
1/4	12.2	66.6
ab.	12.6	66,2
E	12.3	66,5

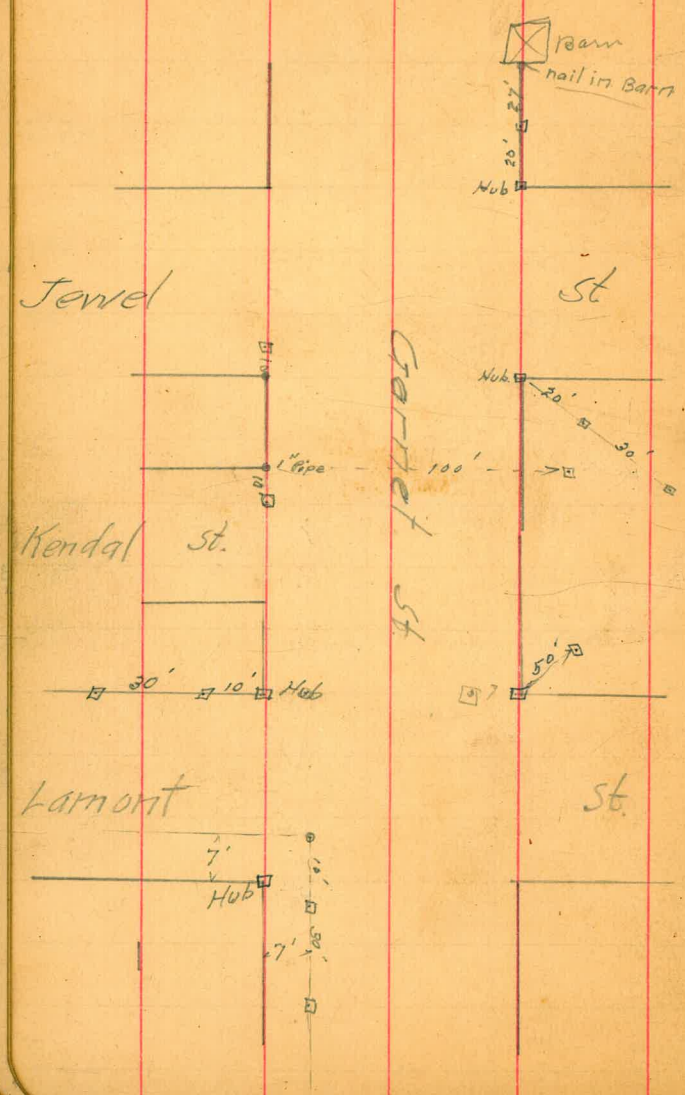
S. ab. Garnet.

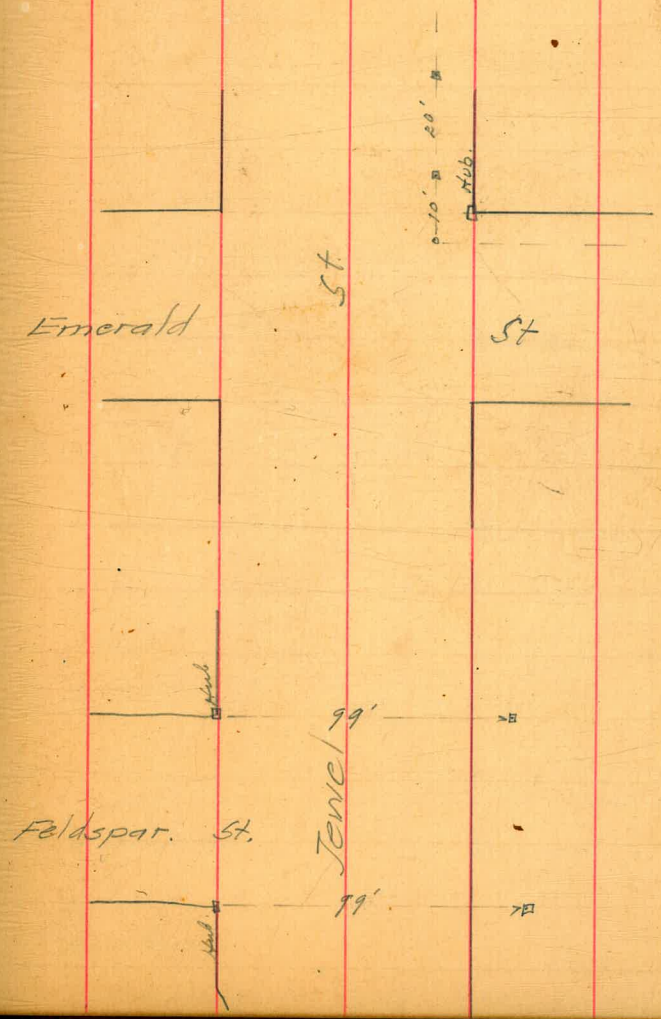
E	12.8	66.0
ab.	13.1	65,7
1/4	12.5	66.3
a	12.2	66.6
1/4	13.0	65,8
ab.	13.1	65,7
W	12.7	66.1

Lamont St, POSTED

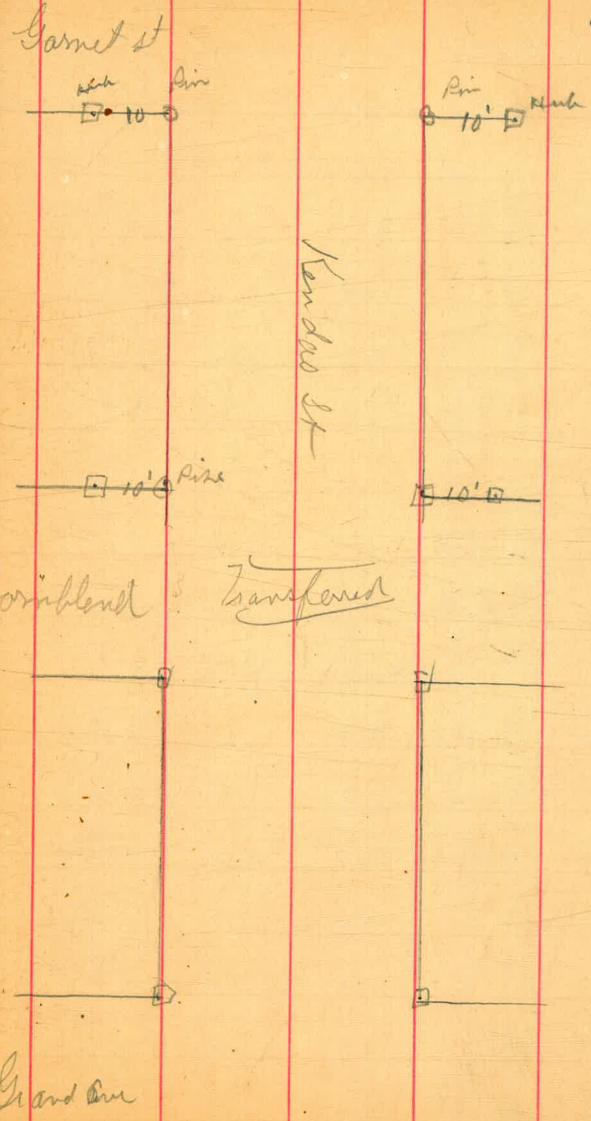
78.83

BM	1.75	74.50	6.08	72.75	72.78
	5 line Garnet.				
W			9.1	65.4	
cb.			9.3	65.2	
1/4			9.5	65.0	
C			8.9	65.6	
1/4			9.2	65.3	
cb.			9.3	65.2	
E			9.3	65.2	F1.1


Barn
nail in Barn
27'
20'
Hub
Jewel
St
Hub
20'
30'
1" Pipe
100'
Garnet St
Kendal St.
30'
10'
Hub
50'
Lamont
St.
7'
Hub
7'
30'


20'
10'
Hub
Emerald
St
St
Hub
99'
Jewel
Feldspar. St.
99'
Hub

Tie Points for Kendal St



POSTED

Cross-Section of Garnet St.
Jewel to Lamont. 11/19/06 Davis Moore Thomas.

4.60 75.1.0 70.50 -

E. line Jewel.

No	6.1	69.0
Ct	7.0	68.1
1/4	6.4	68.7
C	6.4	68.7
1/4	6.6	68.5
Ct	6.5	68.6
So	7.0	68.1

25' E of Jewel.

So	7.3	67.8
Ct	7.4	67.7
1/4	6.7	68.4
C	6.5	68.6
1/4	6.4	68.7
Ct	7.1	68.0
No	6.7	68.4

B.M. - N.W. Garnet & Jewel - Spk in fence cor.

50' E of Jewel

No	7.0	68.1
Ct	7.5	67.6
1/4	6.8	68.3
C	7.0	68.1
1/4	7.1	68.0
Ct	7.5	67.6
So	7.7	67.4

75' E of Jewel.

So	8.2	66.9
Ct	8.2	66.9
1/4	7.5	67.6
C	7.1	68.0
1/4	7.4	67.7
Ct	7.5	67.6
No	7.5	67.6

Garnet St

75.10

100' E of Jewel.

No	7.9	67.2
Ct	8.0	67.1
1/4	7.7	67.4
C	7.4	67.7
1/4	8.1	67.0
Ct	8.7	66.4
So.	8.9	66.2

125' E of Jewel.

So	9.9	65.2
Ct	9.4	65.7
1/4	8.2	66.9
C	7.9	67.2
1/4	8.0	67.1
Ct	8.2	66.9
No	9.2	65.9

150' E of Jewel.

No	10.3	64.9
"12"	9.7	64.4
Ct	8.5	66.6
1/4	8.4	66.7
C	8.0	67.1
1/4	8.0	67.1
Ct	8.6	66.5
"6"	10.4	64.7
So.	10.8	64.3

175' E of Jewel.

So.	11.8	63.3
"12"	11.6	63.5
Ct	9.1	66.0
1/4	7.7	67.4
C	7.5	67.6
1/4	8.1	67.0
Ct	8.2	66.9
No	9.1	66.0

Garnet 57

75.10

200' E of Jewel

No	9.7	65.4
+10	9.7	65.4
Ct	7.5	67.6
1/4	7.5	67.6
C	7.6	67.5
1/4	7.7	67.4
Ct	8.3	66.8
+6	11.9	63.2
50	12.4	62.7

275' E Jewel

50	12.2	62.9
+10	12.0	63.1
Ct	7.9	67.2
1/4	7.7	67.4
C	7.3	67.8
1/4	7.1	68.0
Ct	7.4	67.7
+10	8.8	66.3
No	9.8	65.3

250' E of Jewel

No	8.3	66.8
+5	7.0	68.1
Ct	6.8	68.3
1/4	6.9	68.2
C	7.4	67.7
1/4	7.8	67.3
Ct	9.0	66.1
+8	11.6	63.5
50	12.0	63.1

275' E of Jewel

50	11.6	63.5
+11	11.5	63.6
Ct	9.4	65.7
1/4	8.4	66.7
C	7.1	68.0
1/4	7.2	67.9
Ct	7.0	68.1
+10	6.5	68.6
No	7.5	67.6

Garnet St

75.10

300 E of Jewel

No	7.0	68.1
Ch	6.4	68.7
1/4	7.0	68.1
C	6.9	68.2
1/4	9.1	66.0
Ch	10.8	64.3
+5	10.7	64.4
So	11.0	64.1

325 E of Jewel

So	10.5	64.6
+17	9.3	65.8
Ch	10.2	64.9
1/4	8.6	66.5
C	4.7	68.4
1/4	6.5	68.6
Ch	7.8	67.3
No	6.9	68.2

350 E of Jewel

No	6.0	69.1
Ch	7.5	67.6
1/4	6.5	68.6
C	6.9	68.2
1/4	8.5	66.6
Ch	9.4	65.7
+3	8.3	66.8
So	10.2	64.9

376 E of Jewel

So	9.7	65.4
+18	8.5	66.6
Ch	9.3	65.8
1/4	8.5	66.6
C	7.3	67.8
1/4	6.6	68.5
Ch	7.1	68.0
No	5.2	69.9

Garnet St.

75.10

400 E of Jewel

No	3.9	71.2
Cl	6.4	68.7
1/4	7.0	68.1
C	7.3	68.8
1/4	8.3	66.8
Cl	8.9	66.2
+3	8.0	67.1
So	9.3	65.8

425 E of Jewel

So	9.0	66.1
+16	7.5	67.6
Cl	8.4	66.7
1/4	7.7	67.4
C	6.9	68.2
1/4	6.6	68.5
Cl	6.0	69.1
No	3.4	72.7

450 E of Jewel

No	2.7	72.4
Cl	6.1	69.0
1/4	6.5	68.6
C	6.6	68.5
1/4	7.7	67.4
Cl	8.2	66.9
+3	7.1	68.0
So	8.4	66.7

475 E Jewel

So	8.1	67.0
+13	7.0	68.1
Cl	~~8.0~~	67.1
1/4	7.4	67.7
C	6.6	68.5
1/4	6.6	68.5
Cl	6.3	68.8
No	3.4	71.7

Garnet St

75.10

500' E of Jewel - W.L. Kendal.

No			4.1	71.0
Cb			6.6	68.5
1/4			6.4	68.7
C			6.8	68.3
1/4			7.6	67.5
Cb			8.0	67.1
+3'			6.7	68.4
So			7.9	67.2

W. Cb. Kendal

So			8.0	67.1
			9.3	65.8
+13'			7.2	67.9
			8.0	67.1
Cb			8.0	67.1
1/4			7.6	67.5
C			6.9	68.2
1/4			6.6	68.5
Cb			6.6	68.5
+8'			6.2	68.9
No			4.2	70.9

W 1/4 Kendal

No			4.3	70.8
+3'			6.2	68.9
Cb			6.6	68.5
1/4			6.9	68.2
C			7.1	68.0
1/4			7.6	67.5
Cb			8.3	66.8
So			9.3	65.8

Ctr Kendal.

So			9.3	65.8
Cb			8.2	66.9
1/4			7.8	67.3
C			7.0	68.1
1/4			6.7	68.4
Cb			6.4	68.7
+17'			5.9	69.2
No			3.7	71.4

Garnet St.

E 4th Kendal

No	4.4	70.7
+1'	5.6	69.5
Ct	6.0	69.1
1/4	6.8	68.3
C	7.4	67.7
1/4	8.0	67.1
Ct	8.6	66.5
So	9.7	65.4

E Ct. Kendal

So	8.9	66.2
Ct	7.8	67.3
1/4	7.7	67.4
C	7.3	67.8
4.	6.7	68.4
Ct	6.5	68.6
+18'	5.6	69.5
No	4.1	71.0

E. line Kendal

No	5.7	69.4
Ct	7.0	68.1
1/4	7.2	67.9
C.	7.4	67.7
1/4	7.7	67.4
Ct	8.2	66.9
So	9.1	66.0

26 E Kendal

So	9.4	65.7
Ct	8.7	66.4
1/4	8.5	66.6
C	7.6	67.5
1/4	7.3	67.8
Ct	7.8	67.3
No	6.4	68.7

Garnet St.

75.10
50' E of Kendal

No		6.6	68.5
Cb		8.0	67.1
1/4		7.8	67.3
C		7.7	67.4
1/4		8.5	66.6
Cb		9.4	65.7
So		10.1	65.0

75' E of Kendal

So		10.5	64.6
Cb		9.7	65.4
1/4		9.0	66.1
C		8.1	67.0
1/4		7.9	67.2
Cb		8.1	67.0
No		45	70.6

100' E of Kendal

No		2.3	72.8
+8'		3.0	72.1
Cb		8.7	66.4
1/4		8.3	66.8
C		8.4	66.7
1/4		9.4	65.7
Cb		10.6	64.5
So		10.8	64.3

125' E of Kendal

So		10.8	64.3
Cb		10.4	64.7
1/4		10.0	65.1
C		8.6	66.5
1/4		8.7	66.4
Cb		9.0	66.1
+12'		2.9	72.2
No		2.5	72.6

Garnet St

75.10

150 E of Kendal

No	4.1	71.0
+6'	4.0	71.1
Ch	9.1	66.0
1/4	8.8	66.3
C	8.7	66.4
1/4	10.1	65.0
Ch	10.5	64.6
So	11.1	64.0

175 E of Kendal

So	11.1	64.0
Ch	10.3	64.8
1/4	9.8	65.3
C	8.5	66.6
1/4	8.6	66.5
Ch	9.1	66.0
+12'	4.1	71.0
No	3.9	71.2

200 E of Kendal

No	2.7	72.4
+8'	3.2	71.9
Ch	9.0	66.1
1/4	8.5	66.6
C	8.6	66.5
1/4	9.6	65.5
Ch	10.3	64.8
So	11.2	63.9

225 E of Kendal

So	11.1	64.0
Ch	10.3	64.8
1/4	9.5	65.6
C	8.5	66.6
1/4	8.3	66.8
Ch	9.1	66.0
+12'	5.9	69.2
No	5.9	69.2

Garnet St.

75.10

2 50' E of Kendal

N.	6.9	68.2
cl	8.9	66.2
1/4	8.5	66.6
c	9.0	66.1
1/4	9.6	65.5
cl	10-3	64.8
S.	11.1	64.0

2 75 E of Kendal

S.	11.0	64.1
cl	10.2	64.9
1/4	9.3	65.8
c	8.5	66.6
1/4	8.0	67.1
cl	8.4	66.7
N.	6.5	68.6

3 00 E of Kendal

N.	6.2	68.9
cl	8.1	67.0
1/4	7.8	67.3
c	8.1	67.0
1/4	9.2	65.9
cl	10.1	65.0
S.	10.7	64.4

3 25 E of Kendal

S.	10.5	64.6
cl	9.6	65.5
1/4	8.8	66.3
c	8.0	67.1
1/4	7.3	67.8
cl	7.6	67.5
N.	5.9	69.2

Garnet St

7510

350' E of Kendal

No	5.4	69.7
Ch	7.3	67.8
1/4	7.2	67.9
C	7.5	67.6
1/4	8.6	66.5
Ch	9.3	65.8
So	10.3	64.8

375' E of Kendal

So	10.1	65.0
Ch	9.0	66.1
1/4	8.0	67.1
C	7.3	67.8
1/4	7.1	68.0
Ch	7.0	68.1
No	6.5	69.6

400 E of Kendal

No	6.7	69.4
Ch	7.4	67.7
1/4	6.9	68.2
C	7.2	67.9
1/4	7.9	67.2
Ch	8.8	66.3
So	9.7	65.4

425' E of Kendal

So	9.6	65.5
Ch	8.8	66.3
1/4	7.7	67.4
C	7.0	68.1
1/4	7.0	68.1
Ch	7.0	68.1
No	6.6	69.5

POSTED

Garnet St.

7510

450' E of Kendal

No	5.2	69.9
Cr	6.7	68.4
1/4	6.6	68.5
C	7.0	68.1
1/4	7.9	67.2
Cr	8.5	66.6
So	9.4	65.7

476 E of Kendal

So	9.5	65.6
Cr	8.7	66.4
1/4	7.8	67.3
C	7.0	68.1
1/4	6.7	68.4
Cr	6.6	68.5
No	5.2	69.9

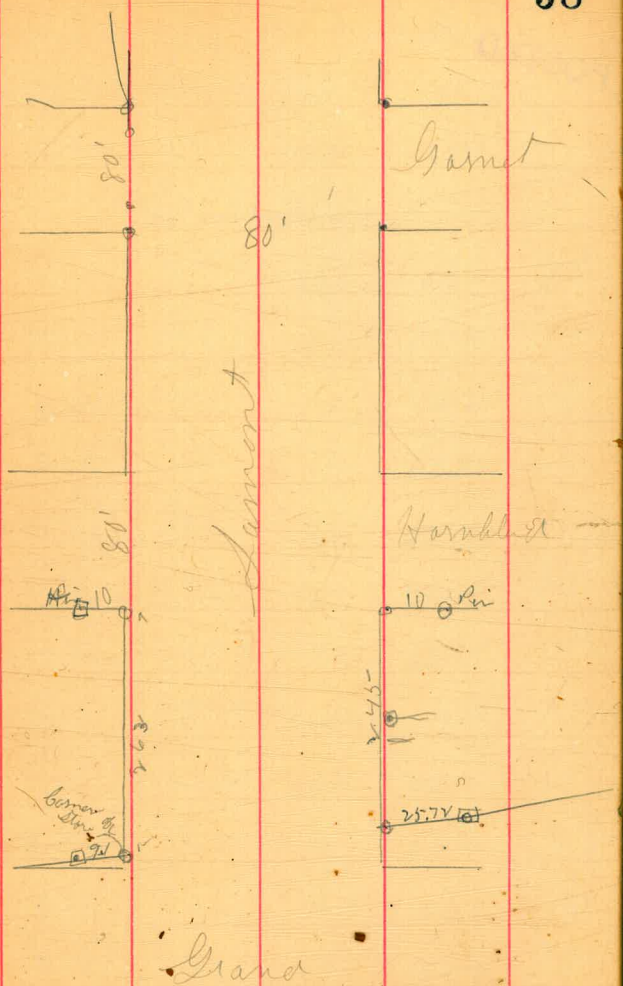
500' E of Kendal W.L. Lamont

No	5.6	69.5
Cr	6.9	68.2
1/4	7.0	68.1
C	7.3	67.8
1/4	8.2	66.9
Cr	8.8	66.3
So	9.5	65.6

Chk Bm. N.W. Lamont & Garnet. 2.30 7 28.01 77.78

Garnet St

Tie Points for Lamont St



POSTED

X Section of Lamont St
Pacific Beach
Garnet to Grand ave
(80') street (20' curbs)

Clear Taylor Bell

	0.45	73.23		72.78	BM
	S. L. Garnet St				
WL			7.3	65.9	
Cb			8.2	65.0	
1/4			8.4	64.8	
C			7.8	65.4	
1/4			7.9	65.3	
Cb			8.4	64.8	
EL			8.2	65.0	
TP	1.23	67.25	7.21	66.02	
	25' S of Garnet				
EL			2.9	64.4	
Cb			3.1	64.2	
1/4			2.8	64.5	
C			3.6	63.7	
1/4			3.0	64.3	

		67.25			
Cb			2.7	64.6	
WL			2.2	65.1	
	50' S of Garnet				
WL			3.3	64.0	
Cb			3.6	63.7	
1/4			3.7	63.6	
C			3.4	63.9	
1/4			3.6	63.7	
Cb			3.8	63.5	
EL			3.8	63.5	
	75' S of Garnet				
EL			4.1	63.2	
Cb			4.3	63.0	
1/4			4.2	63.1	
C			4.0	63.3	
1/4			4.1	63.2	
Cb			4.1	63.2	
WL			4.1	63.2	

67.25

100' S of Garnet

WL		4.9	62.4
bb		4.8	62.5
1/4		4.7	62.6
b		4.7	62.6
1/4		4.6	62.7
bb		4.8	62.5
EL		4.6	62.7

125' S of Garnet

EL		5.2	62.1
bb		5.2	62.1
1/4		5.2	62.1
b		5.1	62.2
1/4		5.2	62.1
bb		5.4	61.9
WL		5.6	61.7

67.25

145' S of Garnet

WL		6.3	61.0
bb		5.8	61.5
1/4		5.6	61.7
b		5.2	62.1
1/4		5.5	61.8
bb		5.7	61.6
EL		5.5	61.8

170' S of Garnet

EL		5.8	61.5
bb		5.9	61.4
1/4		5.9	61.4
b		5.5	61.8
1/4		5.8	61.5
bb		6.3	61.0
WL		7.0	60.2
TP	7.50	65.69	6.06	61.19

		65.69		
		195' S of Garnet		
WL			5.8	59.9
Cb			5.2	60.5
1/4			4.9	60.8
b			4.4	61.3
1/4			4.3	61.4
Cb			4.5	61.2
EL			4.4	61.3
		220' S of Garnet		
EL			4.4	61.3
Cb			4.4	61.3
1/4			4.4	61.3
b			4.4	61.3
1/4			5.0	60.7
Cb			5.5	60.2
WL			6.0	59.7

		65.69		
		245' S of Garnet		
WL			5.3	60.4
Cb			5.8	59.9
1/4			5.2	60.5
b			4.6	61.1
1/4			4.4	61.3
Cb			4.6	61.1
EL			4.2	61.5
		270' S of Garnet = Hornblend		N Lin (80')
EL			4.2	61.5
Cb			4.2	61.5
1/4			4.4	61.3
b			4.5	61.2
1/4			5.0	60.7
Cb			6.2	59.5
WL			5.5	60.2
TP	6.17	67.03	4.83	60.86 Lower Step

6703

(80') (20' Curb)

N Cb of Hornblend

WL		7.4	59.6
Cb		7.2	59.8
1/4		6.0	61.0
C		5.6	61.4
1/4		5.7	61.3
Cb		5.5	61.5
EL		5.3	61.7

N 1/4 of Hornblend

EL		5.5	61.5
Cb		5.4	61.6
1/4		5.5	61.5
C		5.3	61.7
1/4		6.0	61.0
Cb		6.2	60.8
WL		7.3	59.7

6703

Center Hornblend

WL		7.1	59.9
Cb		6.0	61.0
1/4		5.7	61.3
C		5.2	61.8
1/4		5.4	61.6
Cb		5.1	61.9
EL		5.1	61.9

S 1/4 of Hornblend

EL		5.1	61.9
Cb		5.0	62.0
1/4		5.3	61.7
C		5.2	61.8
1/4		5.6	61.4
Cb		5.9	61.1
WL		7.0	60.0

6703

Slab of Hornblend

WL	6,7	60.3
bk	5,8	61.2
1/4	5,5-	61.5
b	5,0	62.0
1/4	5,3	61.7
bk	5-1	61.9
EL	5,3	61.7

Slim of Hornblend

EL	5,8	61.2
bk	5,2	61.8
1/4	5,3	61.7
b	5,0	62.0
1/4	5,3-	61.5
bk	5,5-	61.5
WL	6,3	60.7

6703

25' S of Hornblend

WL	5,1	61.9
bk	4,7	62.3
1/4	5,2	61.7
b	5,3	61.7
1/4	5,6	61.4
bk	5,2	61.4
EL	6,2	61.8

50' S of Hornblend

EL	6,5-	60.5
bk	6,3	60.7
1/4	5,9	61.1
b	5,5-	61.5
1/4	5,3	61.7
bk	4,8	62.2
WL	4.7	62.3

6703

75' S of Hornblend

W2	4.7	62.3
bb	4.4	62.6
1/4	5.8	61.2
b	6.0	61.0
1/4	6.5	60.5
bb	6.9	60.1
E2	7.0	60.0

100' S of Hornblend

E2	7.9	59.1
bb	7.8	59.2
1/4	7.6	59.4
b	6.9	60.1
1/4	6.7	60.3
bb	5.3	61.7
W2	5.1	61.9

6703

125' S of Hornblend

W2	5.6	61.4
bb	6.0	61.0
1/4	7.8	59.2
b	8.3	58.7
1/4	8.8	58.2
bb	9.3	57.7
E2	9.8	57.2

145' S of Hornblend

E2	11.0	56.0
bb	10.6	56.4
1/4	10.1	56.9
b	9.9	57.1
1/4	9.6	57.4
bb	8.1	58.9
W2	6.5	60.5

TP	12V	6181	6.34	60.69

6181

170' S of Hornblend

W2	3.0	S8.8
bh	3.9	S7.9
1/4	5.4	S6.2
b	6.0	S5.8
1/4	5.9	S5.9
bh	6.5	S5.3
E2	7.1	S4.7

195' S of Hornblend

E2	8.4	S3.4
bh	7.6	S4.2
1/4	7.3	S4.5
b	6.9	S4.9
1/4	6.8	S5.0
bh	6.5	S5.3
W2	5.3	S6.5

6181

220' S of Hornblend

W2	6.8	S5.0
bh	7.3	S4.5
1/4	7.9	S3.9
b	8.1	S3.7
1/4	8.1	S3.7
bh	8.7	S3.1
E2	9.3	S2.5

245' S of Hornblend

E2 = mi Grand Ave 3 13	10.6	S1.2
bh	10.3	S1.5
1/4	9.9	S1.9
b	9.3	S2.5
1/4	9.1	S2.7
bh	9.0	S2.8
W2	8.4	S3.4

POSTED

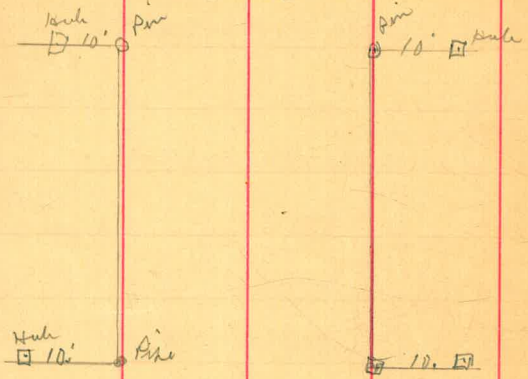
6181

263' S of Hornblad

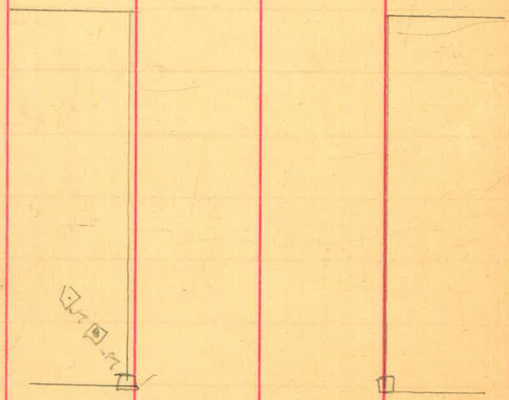
NL	= NL Grand ave		10,3		51.5
		N Line of Grand			
NL	= 263' S of Hornblad		10,3		51.5
Cb			9,9		51.9
			9.8		52.0
			10,1		51.7
			11,5		50.3
EL			10.6		51.2
TP			10,54	51.27	Hub S E Grand

Tri Points for Kendal St

Garnet St



Hornblend St



Grand ave

POSTED Crossection of Kendal St
S L Garnet to N L Grand
(20' Curb) (80')

	2,58	5456		5,98	BM
	N L Grand ave				
EL			5,0		49.0
Cb			5,7		48.9
1/4			5,4		49.2
C			5,4		49.2
1/4			5,6		49.0
Cb			5,9		48.7
WL			5,7		48.9
	50' N of Grand ave				
WL			6,2		48.4
Cb			6,2		48.4
1/4			6,0		48.6
C			5,5		49.1
1/4			5,6		49.0
Cb			5,9		48.7
EL			5,5		49.1

5456

	100' N of Grand				
EL			4,7		49.9
Cb			5,0		49.6
1/4			5,0		49.6
C			4,7		49.9
1/4			5,1		49.5
Cb			5,4		49.2
WL			5,0		49.6
	125' N of Grand				
WL			4,3		50.3
Cb			4,3		50.3
1/4			4,9		49.7
C			4,0		50.6
1/4			4,3		50.3
Cb			4,8		49.8
EL			4,0		50.6

S-45-6 Kendal

145' N of Grand

E2	3,2		57.4
bb	4,6		60.0
1/4	3,7		59.9
b	3,2		57.4
1/4	4.1		59.5
bb	4,3		60.3
W2	3.8		59.8

170' N of Grand

W2	3,3		57.3
bb	3,9		60.7
1/4	3,3		57.3
b	2,9		54.7
1/4	3,3		57.3
bb	4,1		60.5
E2	3,0		57.6

S-45-6

220' N of Grand

E2	2,4		52.2
bb	3,0		57.6
1/4	2,7		54.9
b	2,2		52.4
1/4	2,8		54.8
bb	2,7		54.9
W2	2.6		52.0

270' N = S Hornblend

W2	2,0		52.6
bb	2,1		52.5
1/4	2,1		52.5
b	1,5		53.1
1/4	1,8		52.8
bb	2,8		52.3
	11.7		52.9
IP	6,78	60,35	0,69	5-3,87

60.35-

S ½ of Hornblend (80')

E2	7,2	53.2
bb	7.6	52.8
¼	7,3	53.1
b	6,9	53.5
¼	7,3	53.1
bb	7,5	52.9
W2	7.4	53.0

S ½ of Hornblend

W2	7,0	53.4
bb	6,8	53.6
¼	6,9	53.5
b	6,5	53.9
¼	67	53.7
bb	6,8	53.6
E2	6,7	53.7

60.35-

Center of Hornblend

E2	6,5	54.1
bb	6.6	53.8
¼	6.5	54.1
b	6,2	54.2
¼	6,4	54.0
bb	6,4	54.0
W2	6,4	54.0

N ½ Hornblend

W2	6,8	53.6
bb	6.6	53.8
¼	6,4	54.0
b	6,1	54.3
¼	6,6	53.8
bb	6,5	53.9
E2	6,5	53.9

60.31-

N-bb of Hornblende

E2	5,8		54.6
bb	6,0		54.4
1/4	5,8		54.6
b	5,7		54.7
1/4	6,3		54.1
bb	6,0		54.4
W2	5,8		54.6

N-b of Hornblende

W2	5,5		54.9
bb	6,0		54.4
1/4	5,0		55.1
b	5,1		55.3
1/4	5,7		54,7
bb	5,3		55.1
E2	5.60	54.8	on line N E bb

60.35-

50' N of Hornblende

E2	3,9		56.5
bb	4,2		56.2
	3,7		56.7
b	3.6		56.8
1/4	3,8		56.6
bb	3,9		56.5
W2	4.0		56.4

100 N of Hornblende

W2	3,5		56.9
bb	2,6		57.8
1/4	2,4		58.0
b	2,2		58.2
1/4	2,6		57.8
bb	2,4		58.0
E2	2,4		58.0
TP	9.91	68.88	1.28	58.91

6888

125' N of Hornblend

E2	10.1	58.8
bh	9,9	59.0
1/4	9.9	59.0
b	9,6	59.3
1/4	10,0	58.9
bh	10,0	58.9
W2	10,0	58.9

145' N of Hornblend

W2	9,4	57.5
bh	9,2	58.7
1/4	9,0	58.9
b	8,5	59.4
1/4	9,1	59.8
bh	9,0	59.9
E2	9,2	59.7

6888

170' N of Hornblend

E2	7,8	61.1
bh	8,0	60.9
1/4	8,3	60.6
b	7,4	61.5
1/4	8,1	60.8
bh	7,8	61.1
W2	7,7	61.2

210' N of Hornblend

W2	4,6	64.3
bh	4,9	64.0
+1	6,2	63.7
1/4	5,7	63.2
b	5,5	63.4
1/4	5,7	63.2
bh	5,7	63.2
E2	5,0	63.9

POSTED 6888

S2 of Garnet

E2	3,0		65.9
bb	3,6		65.3
1/2	4,1		64.8
b	3,7		65.2
1/4	4,1		64.8
bb	2.2		66.7
W2	2,3		66.6
beh	3,61	65.27	

233

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TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

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