

C. S. File No. 37/12

$$b = \frac{a}{\sin A} \sin B$$

$$c = \frac{a}{\sin A} \sin(A+B)$$

$$a = 5.000$$

$$\log =$$

$$6.98970$$

$$\sin A = 16^\circ 8'$$

$$\log \sin A =$$

$$9.443847$$

$$B = 90^\circ 44'$$

$$\log \sin B =$$

$$9.999998$$

$$8.153907$$

$$A+B = 106^\circ 57'$$

$$\log \sin(A+B) =$$

$$9.982733$$

$$9.464694$$

$$.698970$$

$$9.443847$$

$$1.255123$$

$$9.999998$$

$$9.255121$$

$$1.255123$$

$$9.982733$$

$$1.237856$$

$$b = 17.994$$

$$c = 17.292$$

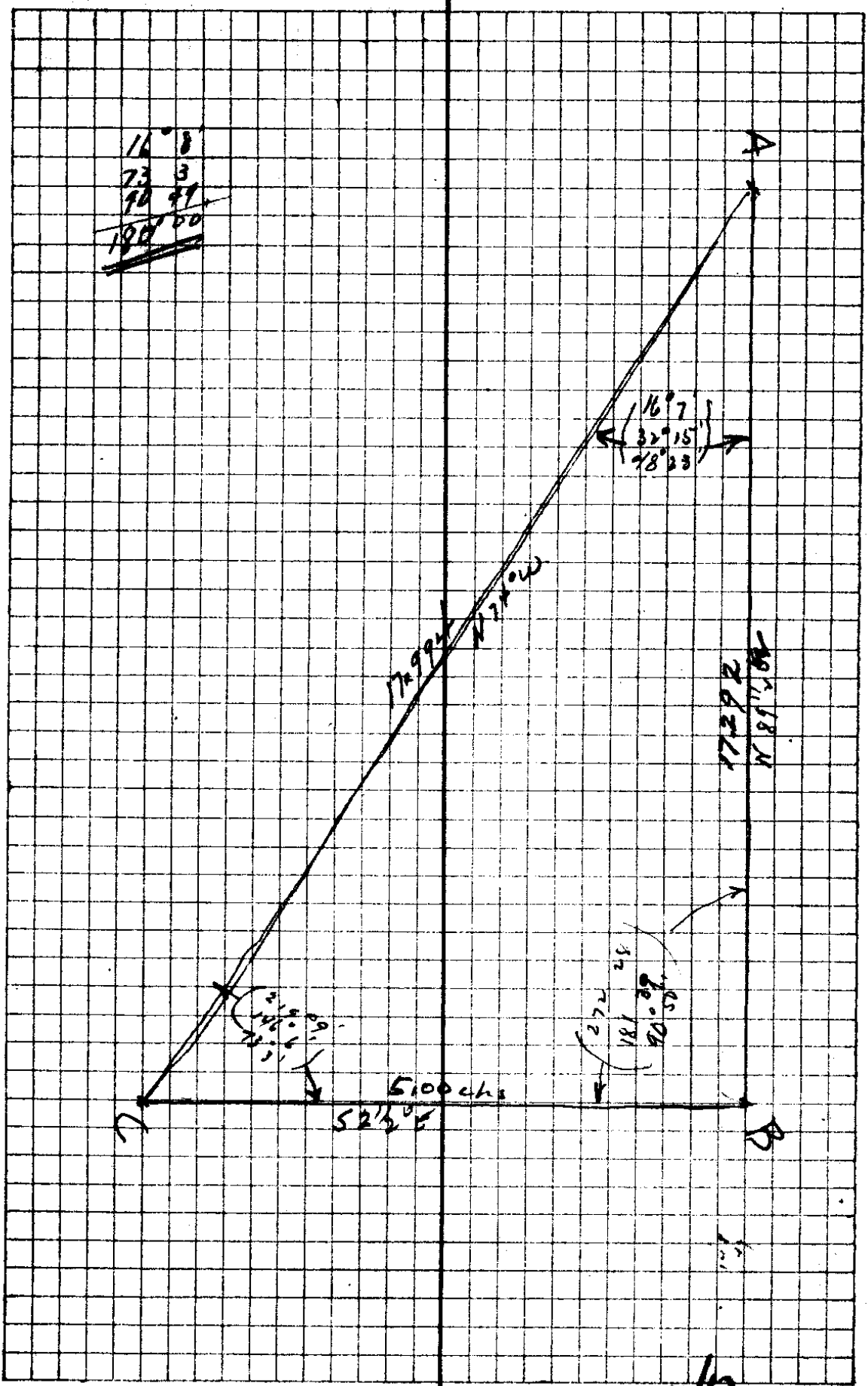
$$1.255123$$

$$8.950907$$

$$9.409030$$

5112

16	8
73	3
90	99
<hr/>	
190	00



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4

45.756

63°2'

N 88°15' E

~~S 88° E~~

Sec. Co. $\frac{14}{25} \frac{13}{24}$
20.320

~~45.6~~
~~215 3~~ L

452

S 88°13' E

S 86° E

3

17°40'
9°50' R

1.161

N 81°27' E

N 84° E

7°30' 1.171

✓

1°33'
0°46' L

1.215

N 82°13' E

N 85° E

4°10' 1.235

1

9°50'
4°58' L

17.292

X 87°11' E

S 89° E

165.60 $\frac{15}{20} \frac{20}{21}$

Time Ver. Hor. ME.

2-

S

4 5 6
 8 10
 2 4

15 24

88 43
 127 60
 91 45
 88 15

88 43
 127 60
 91 45
 88 15

Location identified from 2013Ts.
 Laurel 510°E 16 lks old blaze intact scribble marks
 chipped out. tree dead also N 55°W 23 lks.
 Remarked in bark Laurel 24° dia
 16" Chingipin S W 59 lks T32 SR 6 W 52X

99144

98414 S
 1238
 492070
 283242
 11 80968
 127.541290

99144
 1117
 99144
 694008
 1090584
 112099144

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Set up Sec $\frac{14}{25} \frac{13}{20}$ BS 1463 2 Nov. 1st 1929

	Time	A. L.	Hor. L.	Mag.
1	2:52	17' 14"	51' 20"	S. 42 1/2 W
2	2:55	16' 51"	50' 44"	S. 42 3/4 W.
3	2:56	16' 44"	50' 29"	S. 42 3/4 W.
4				
5				

Lat $42^{\circ} 47' 16''$ Log Lat L 9.865817
 Log Tan L 9.966430

decl. $10^{\circ} 18' 50''$

diff 1 hr. $40.06''$

diff 10.91 $437.05''$

$7' 17''$

decl.

$10^{\circ} 26' 7''$

Log Sin ϕ 9.527778

	1	2	3
Obs. A.	17' 14"	16' 51"	16' 44"
Ref.	34	39	310
Parallel \times	8	8	8
A.	$17^{\circ} 11' 4''$	$16^{\circ} 47' 59''$	$16^{\circ} 40' 58''$
cos A	9.980143	9.981058	9.981322
Tan A	9.490316	9.49881	9.476675

1178

1091.
4000
6546

6) 55.91

436400
4370546
7' 17"

#1

9.865617
9.980143
9.855760

9.527788
9.835760
9.692078

9.966430
9.490216
9.456746

38° 54'
51' 20"
179' 14"
N 88° 46' W

49206
28625
77831

28625

#2

9.865617
9.981058
9.846675

9.527778
9.846675
9.681103

9.966430
9.479881
9.446317

40° 36'
50' 14"
179' 50"
N 88° 40' W

47985

27945
47985
75930

#3

9.865617
9.981322
9.846939

9.527778
9.846939
9.680839

9.966430
9.476678
9.443102

40° 48'
50' 29"
179' 17"
N 88° 43' W
Use

47956

27740
47956
75696

Trial

$a = 6.188$

$\log a =$

$.791550$

$A = 7^{\circ} 1'$

$\log \sin A =$

9.080922

$B = 55^{\circ} 58'$

" " $B =$

9.918404

$C = 117^{\circ} 1'$

$A+B = 62^{\circ} 59'$

$\log \sin A+B =$

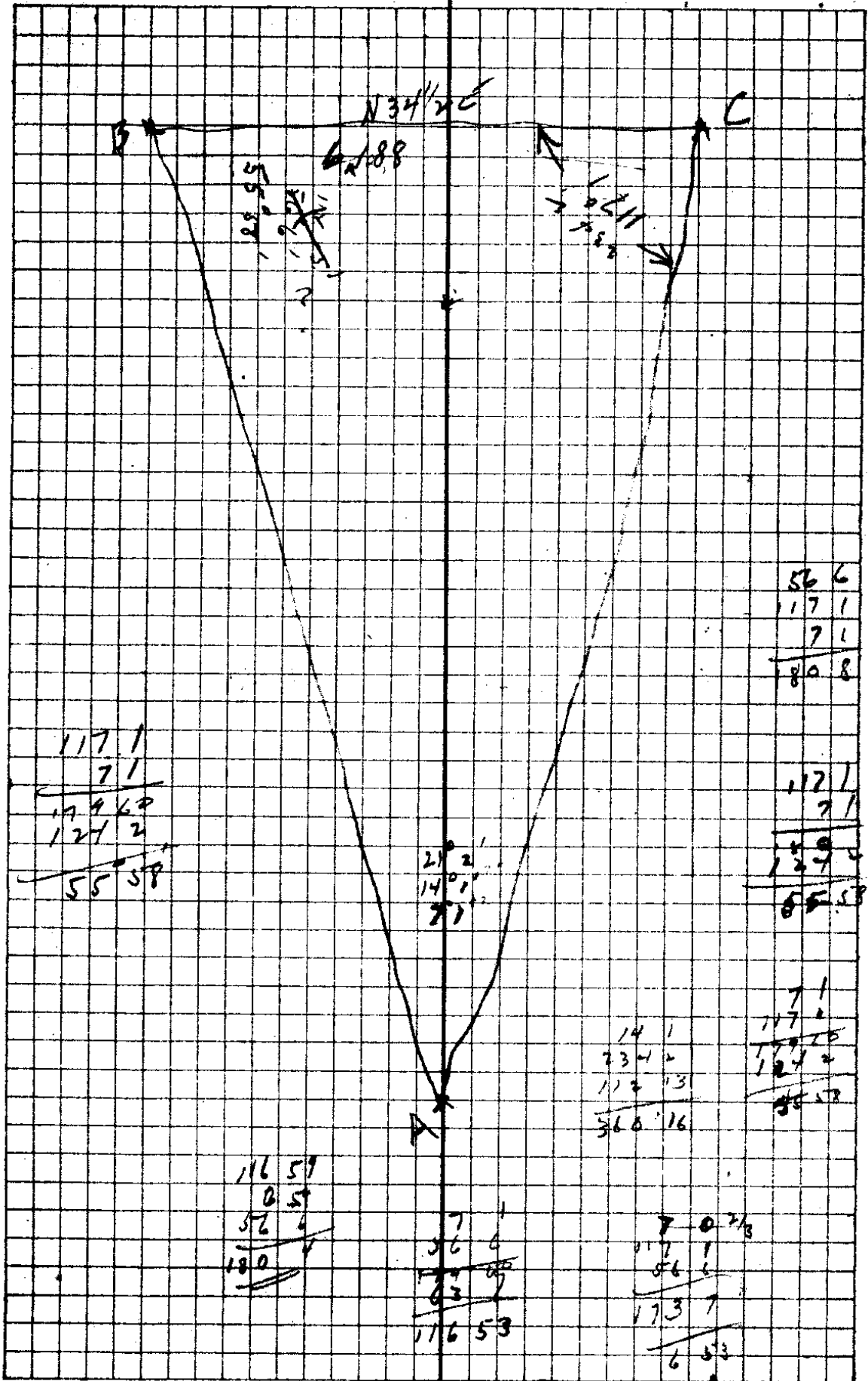
9.949816

$$\begin{array}{r}
 791550 \\
 9.080922 \\
 \hline
 1.710628 \\
 9.918404 \\
 \hline
 1.629032
 \end{array}$$

42.563

$$\begin{array}{r}
 1.710628 \\
 9.949816 \\
 \hline
 1.660444
 \end{array}$$

45.756



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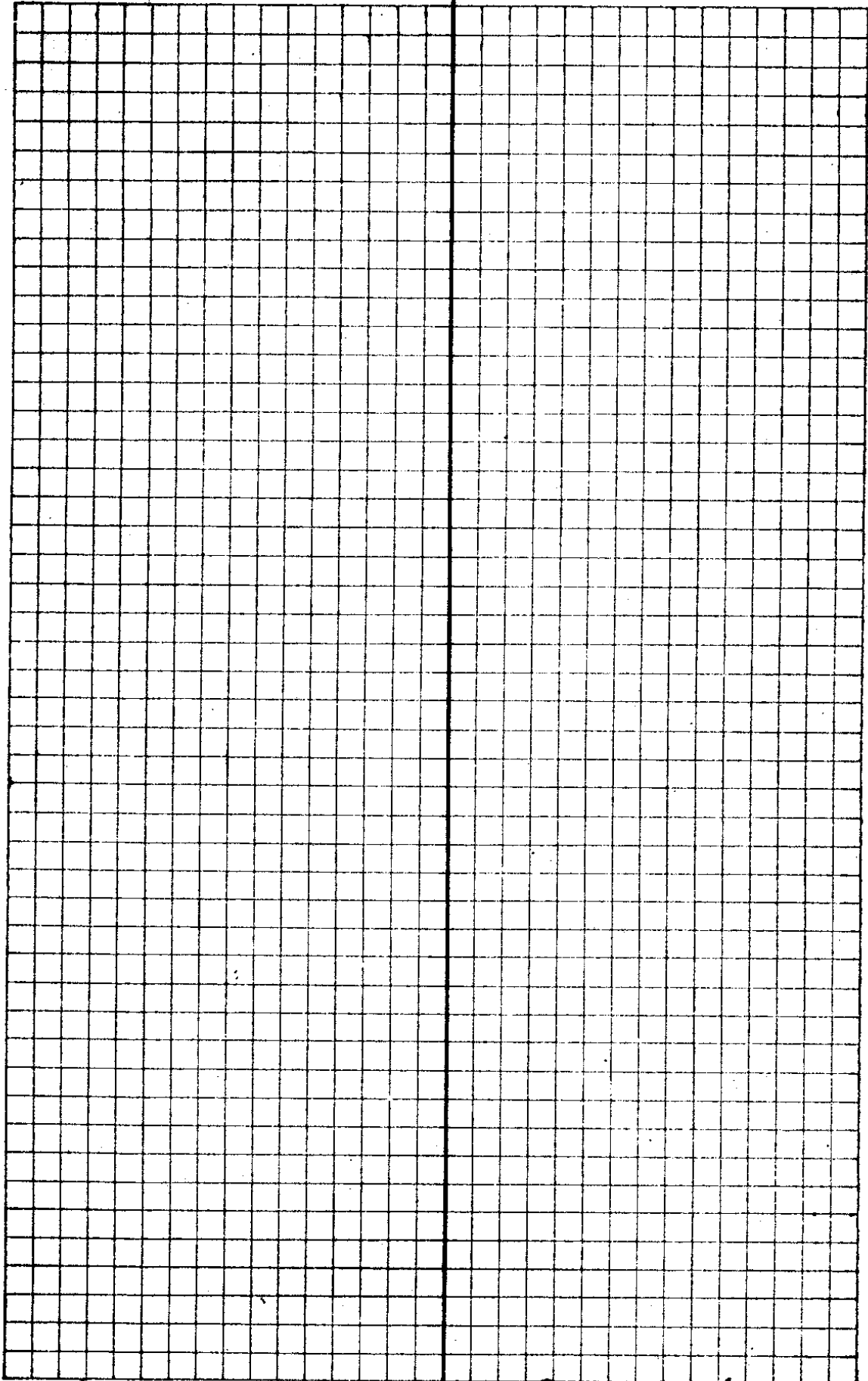
1185

11.85
47.8

97.80
47.80
47.40
530.88
534.578
53.12

+ 2.034

99.80
11.886
11.88
9.8748
10.6728
10.673.6
11.83.6



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Clyde Henninger
Glendale Ore

To Ben B Irving

C. S. File No. 3712

CS FILE FOLDER

CONTAINS

MORE

INFORMATION