

23690

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Freegold Traverse Page 1-24

- Carcross - B.C bdy - Page 24-58

TRANSIT BOOK

MAIN MAPPING CONTROL

1949

Mc CUSKER

1949

23690

23690

Scanned

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23690

Department of Mines and Resources

HYDROGRAPHIC AND MAP SERVICE

FINAL ~~TRANSIT~~ NOTES
FREEGOLD TRAVERSE
~~MAIN MAPPING CONTROL~~
CARCROSS-B.C.BDY. TRAVERSE
OF

~~MAP SHEET~~

YUKON TERRITORY

Origin of rect. { Lat.....
Co-ordinates { Long.....

Transitman *L.L. Anderson.*

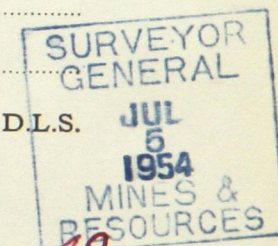
Rodman

Chief of Party *K.F. Mc Cusker.* D.L.S.

Commenced *June 11th* 19 *49*

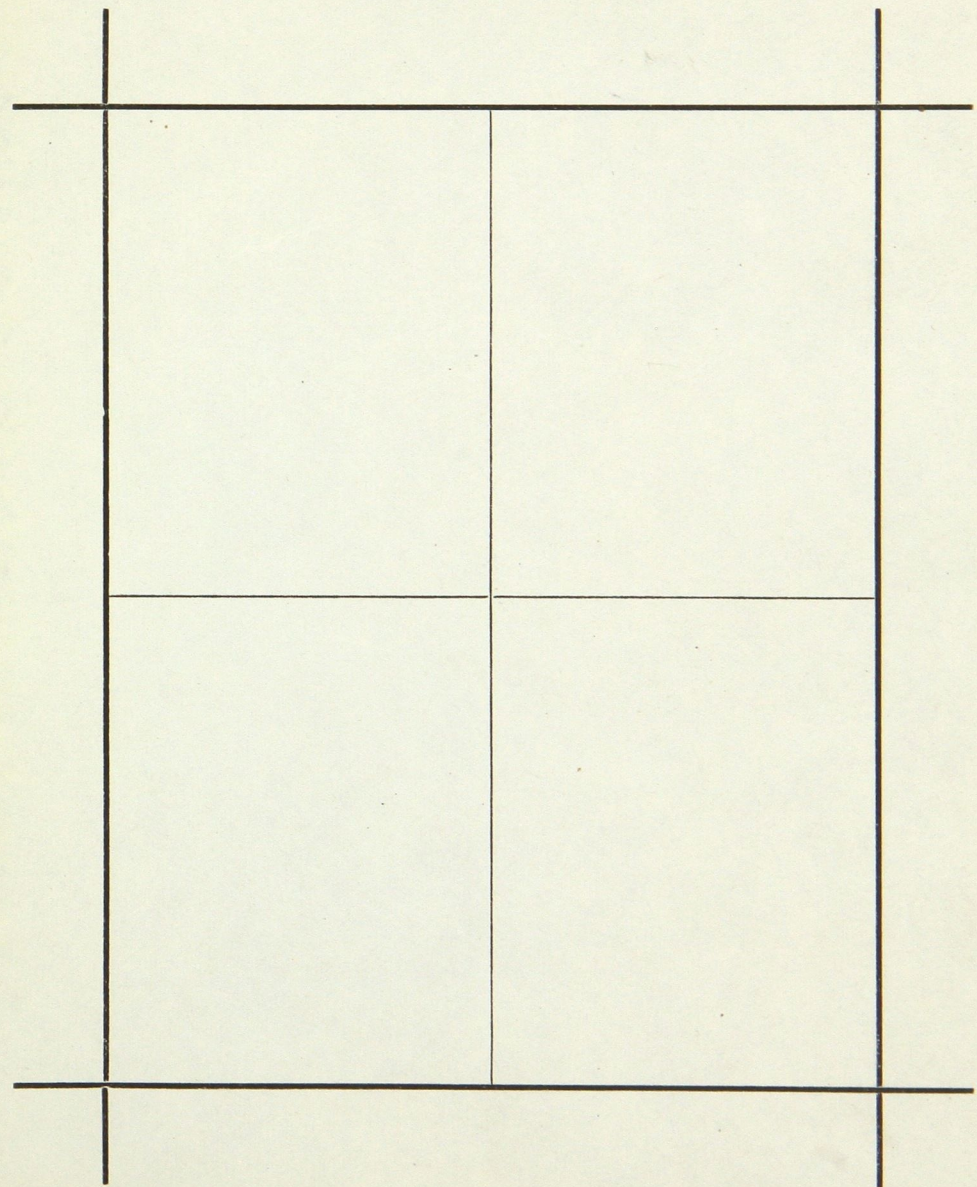
Ended *Sept. 3rd* 19 *49*

Book No.....



INDEX TO PAGES

MAP SHEET.....



Transitman.....

Transit.....Diaphragm.....

REMARKS

Date.....

[illegible]

Transit.....Diaphragm.....

[illegible]

2 Chained Traverse of FREE GOLD MINERAL CLAIM TRVERSE
 Date AUG. 8, 1884

Transitman H. A. D. HUNT 2 5 3
 Transit Diaphragm 14.02

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
			F1				
F2	283°	39' 07"	Refd to Meridian at T422				

REMARKS
12.6430 12.6404 P.P.M.F.3 T10

63.394 63.375 87 1-2 F T 8

Poplar up to 12"

0.60 P.P.M.F.1.

Chained Traverse of

Date

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T13-5F	A2	241°	17' 22"				
			149				
Sta F5 = T18							
T13		61° 17' 22"					
		2199° 40' 45"					
R6		260° 54' 56"					
		4 56"					

Transitman

Transit

100.2289 Diaphragm

Rd 99.72

Cr 88.43

Spruce and poplar

46.725 T13 A2 obsn
cr 35.97 to 12"

or 35.50

12.6404 P.P.M 3F T10

0.00 P.P.M 2F

12.6430
87.5859
100.2289

Chained Traverse of.....

Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

Sta F6 = T22

F5 80° 54' 56"
 189° 59' 15" L
 F8 270° 54' 00"

REMARKS

33.018

16.396

116.871

XX 6.856 X 1-5 F
 16.634

10.28

10.23

190.2289
 100.2289

26.3912

27.39 Creek

6 FT 22 poplar

PPM-7F
 33.0109 T26

Spruce and

total distance F2-F3

100.23

Chained Traverse of.....

Date.....

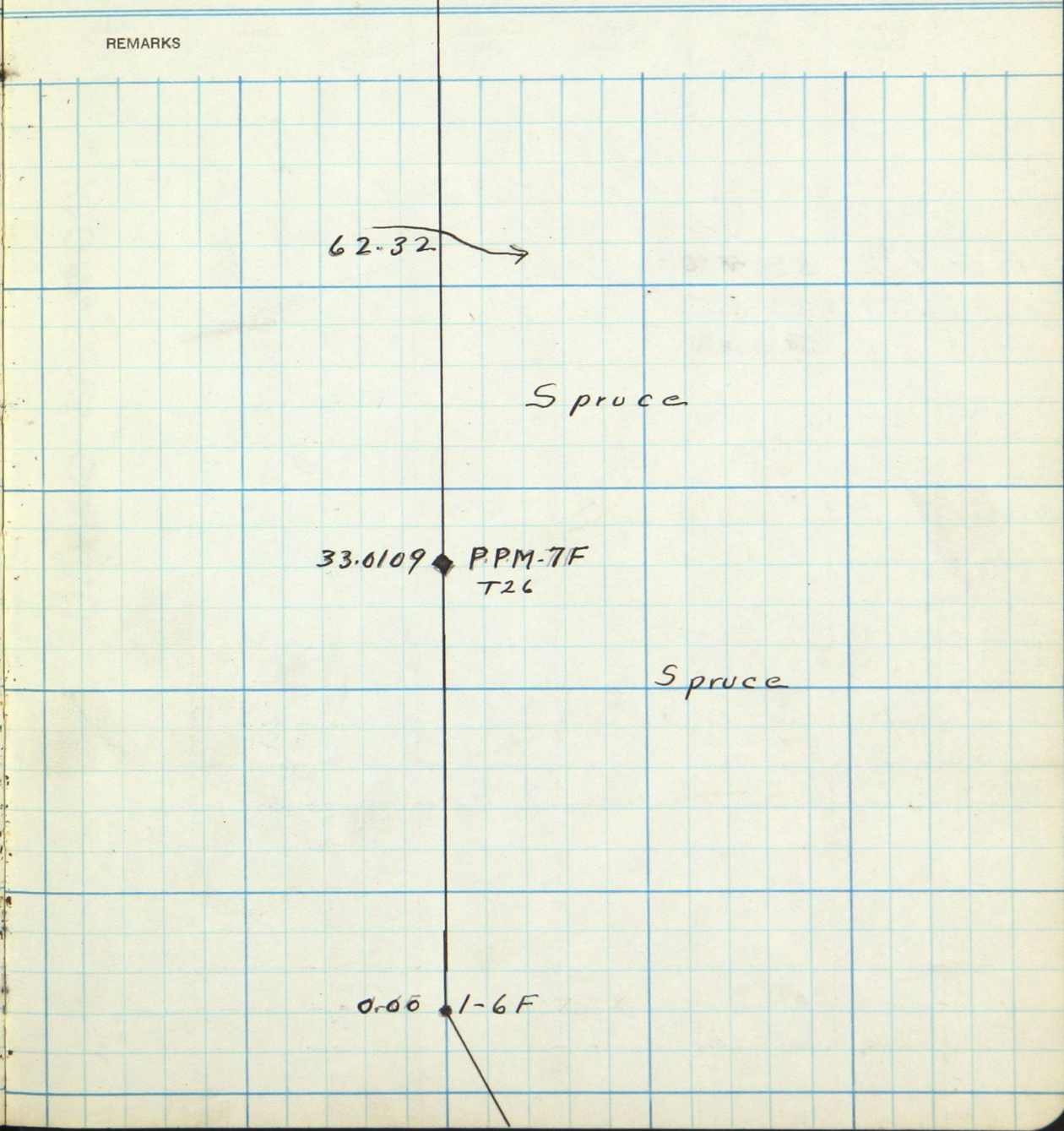
Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
F8 - T29							
F6		90° 54' 00"					
		202° 04' 45"					
F10		292° 58' 34"					

88.736

✓ 88.7249 1-8F

Transitman.....

Transit..... Diaphragm.....



Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

F10 = T32

F8 112° 58' 34"

158° 23' 15" L

F13 271° 21' 28"

Transitman.....

Transit..... Diaphragm.....

REMARKS

10.95 = = = = =

46.9174 ? ✓ 46.9164 1. F10 T32

37.320

✓ 37.3118 PPM F9
T31Poplar burned Spruce
and
Willows

10.50

0.00 1-F8 T29
0.00

7

Chained Traverse of.....

Date.....

Transitman.....

Transit..... Diaphragm.....

156.023

156.0354 PPM 7 F12

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance	REMARKS
								78.69 //
								67.858 67.8452 1.061 chs P.P.M F11 90°00' T37 //
								59.55' // Poplar Spruce //
								42.15' // and willow //
								// //
								// //
								// //
								// //
								10.95' //
								0.00 1. F10 T32 67.8452 PPM F11 //

Chained Traverse of.....

Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
F13 = T44							
F10	91°	21' 28"					
	139°	12' 45"	L				
F15	230°	34' 12"					
F15 = T46							
F13	50°	34' 12"					
	219°	14' 00"	L				
F16	269°	48' 07"					

58.450

1. F15

56.465

PPM F14 T45

58.468

+19.00

+13.00

Poplar and willows

862

✓ 187.48

1. F13 T44

180.03

0052

✓ 156.835

PPM F12

Chained Traverse of.....

Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

F16 = T52

F15 89° 48' 01"

142° 45' 45" L

F18 232° 33' 35"

REMARKS

72.844

✓ 094
72.844 F16
PPM Conc
T52

Willow and Spruce

52.08

Spruce Poplar and
Willow

0.00 IF15 T46

[illegible]

Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

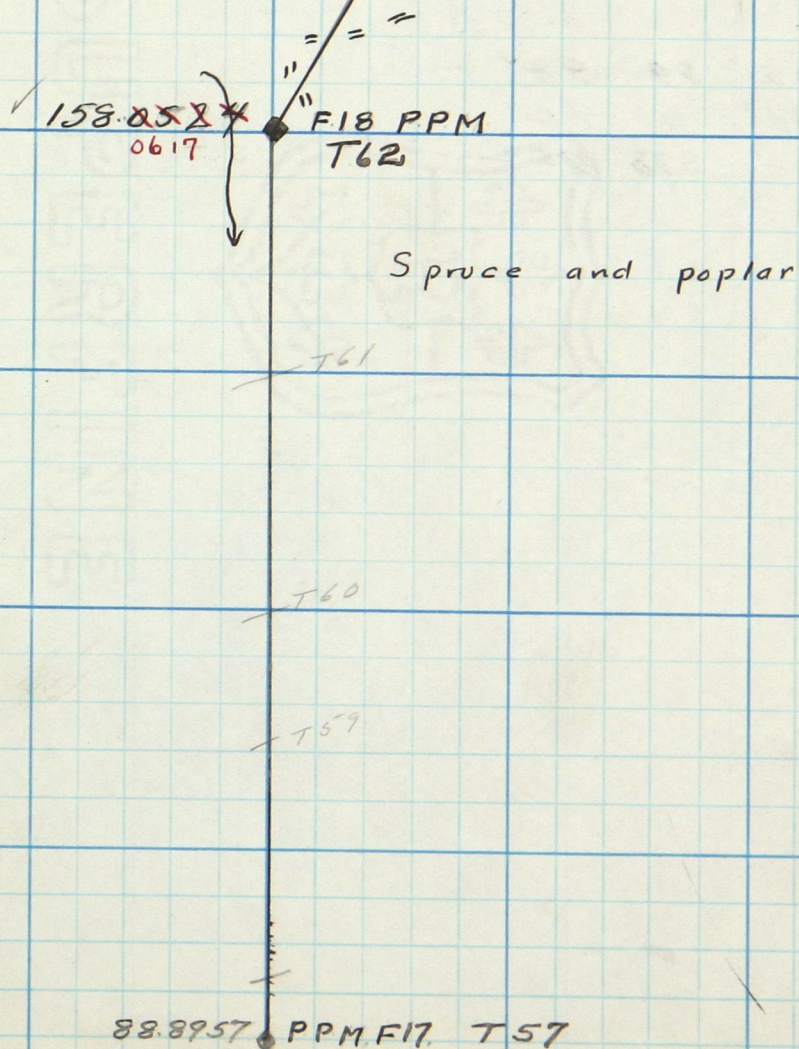
F18 = T62

F16 52° 33' 35"
230° 00' 05" L
F20 282° 33' 38"

Transitman.....

Transit..... Diaphragm.....

REMARKS



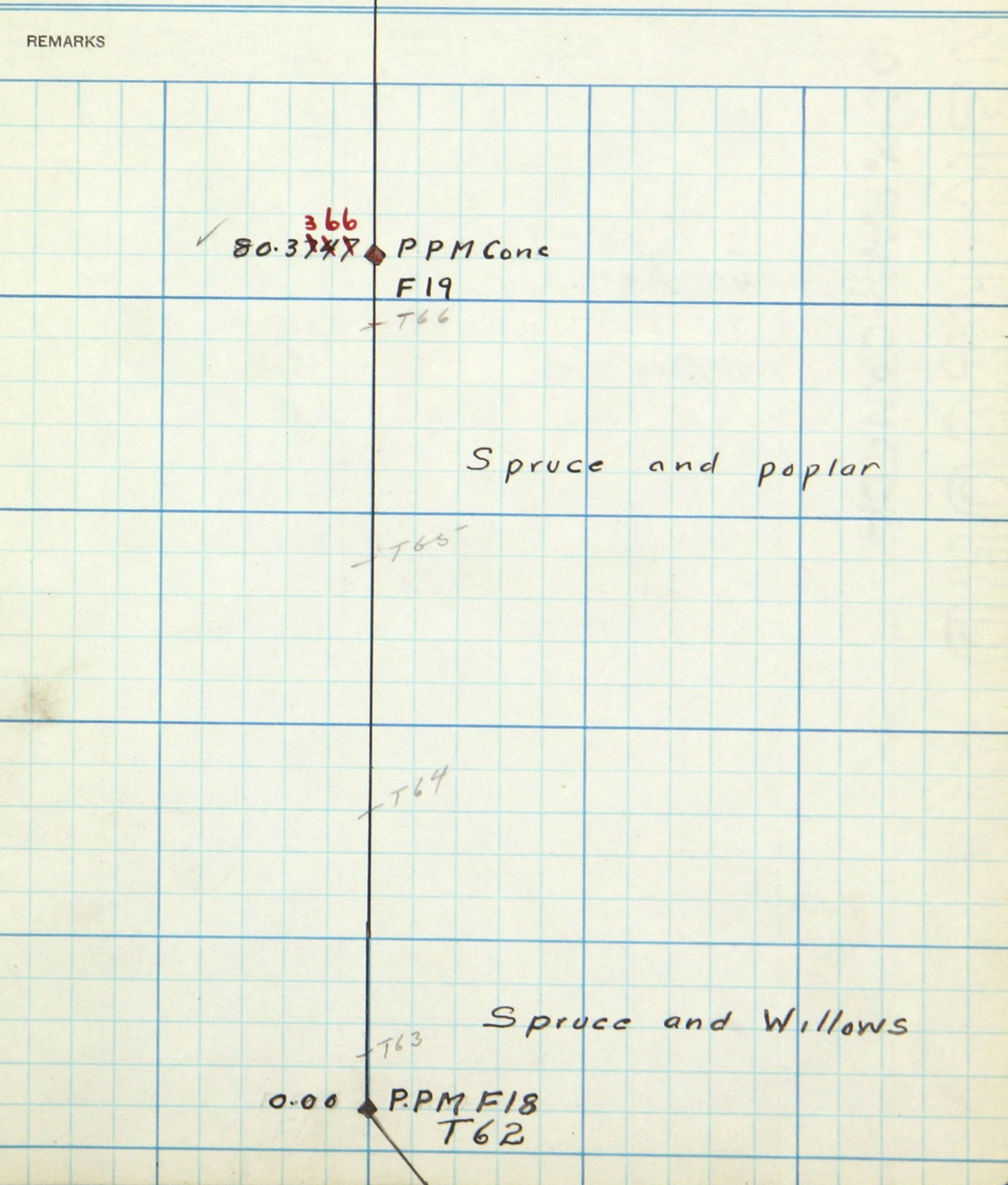
Chained Traverse of.....

Date.....

Transitman.....[✓] 98.5347 • 1-F20 T67

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
F20 - T67							
F18	102'	33° 38"					
		136° 04' 40"					
F22	238°	37° 58"					



Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
F20	58	37° 58'					
	190	56' 30"					
F24	249	34° 17''					

Transitman.....

Transit.....Diaphragm.....

REMARKS	
93.37 ³	1. F22 T71
	93.380
	93.361
58.30 ⁰⁷³	Rock P Stone Md
	F21
	58.305
	58.2949
0.00	1. F20
	T67

Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

F24 = T77

F22 69° 34' 17"
 195° 21' 15"
 F27 264° 55' 22"

Transitman.....

Transit..... Diaphragm.....

REMARKS

✓ 112.38² 1. F24
 T77

Poplar

✓ 42.55⁶ P.P.M F23 T74

Poplar Spruce
 and Willow

0.00 1F22

15

Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eg'n to Bearing	Correct Bearing	Correct Chained Distance
			F27 = T81				
F24	84'	31' 45"	AZ				
	193'	24' 05"					
F28	277'	55' 50"					

Transitman.....

Transit.....Diaphragm.....

REMARKS

82.136 P.P.M F26

788

F26

+ 4.10 Rd

F24

+72.90 Rd.

F24.

+9.30 Rd

6.513 • F25 PPM Conc

0.000 | 1.F.24

✓ 139. ¹⁵⁷~~2048~~ / F27 T81

82.136 P.P.M F26

Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

F28 = T82

F27 97° 55' 50"

183° 07' 05"

T83 281° 02' 55"

T83

F28 101° 02' 55"

188° 09' 10"

F33 289° 12' 05"

F30 191° 02' 55" at 56.351Ks To md.

Transitman.....

Transit..... Diaphragm.....

REMARKS

1-F30

563

121.8773

T83

58.038 PPM F29

Spruce and
poplar

21.9208 PPM F28 T82

F28
+ 4.63 Rd/
+ 25.20 Rd.0.000 T81
1-F27

Chained Traverse of.....

Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

T90 - F33

T83 109° 12' 05"

197° 12' 25"

F35 306° 24' 30"

REMARKS

117.2~~XX~~²⁷ PPM F32

146.6~~XX~~⁷⁰⁰ 1. F33
T90

478
✓ 40.5~~XX~~ PPM
31.F

117.2~~XX~~²⁷ PPM F32 T88

F30
43.41

1. F30
T83

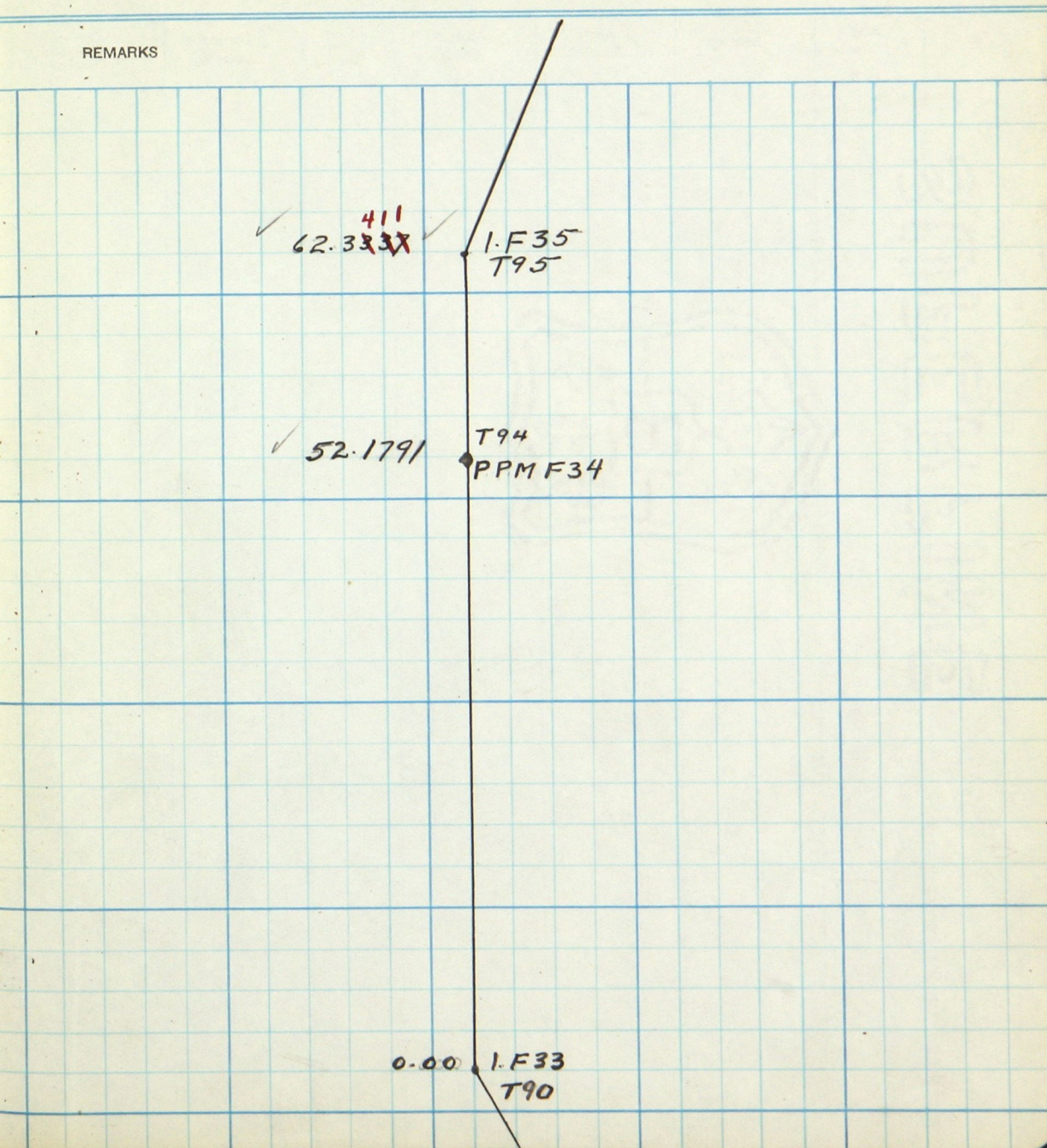
Chained Traverse of.....

Date.....

Transitman.....

Transit.....Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
F35-T95							
F33		126° 24' 30"					
		177° 33' 40"					
F38		303° 58' 10"					



Chained Traverse of.....

Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

REMARKS

✓ 72.218⁰ P.P.M F36

0.00 I. F36-T93~

Chained Traverse of FREEGOLD MINERAL CLAIM TRAVERSE

Date SEPT. 4/49

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

Transitman.....

Transit..... Diaphragm.....

REMARKS

⁶¹
~~148.485~~ P.P.M F38
T101

⁸⁹
~~138.885~~ I.F37

⁰
~~72.218~~ P.P.M F36

Date.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing North	Correct Chained Distance South
T423							
-F1	288° 50' 32	54.0664				12.93	
F2	283° 39' 07	63.395-				14.958	
F13	241° 17' 22	46.725-					22.445-
	Cond	3"					
T13-F5	241° 14' 22"	70.131					33.744
F6	260° 54' 56"	26.391					4.165-
F8	270° 54' 00"	88.725				1.372	
F10	292° 58' 34"	46.916				18.306	
F13	271° 31' 28"	187.495-				4.427	
F15	230° 34' 12"	58.4504					37.120
F16	269° 48' 01	72.0904					0.252
F18	232° 33' 35"	158.0524					96.084
F20	282° 33' 38"	98.5347				21.430	
F22	238° 37' 58"	93.371					48.600
F24	249° 34' 17"	112.384					39.227
F27	264° 55' 22"	139.205-					12.320
A2	264° 31' 45"						
	Cond	23' 36					
	264° 55' 21"						

Transitman.....

Transit.....Diaphragm.....

REMARKS	
East	West
	52.50
	61.584
	40.960
	61.476
	26.060
	88.721
	43.194
	187.490
	45.155
	72.0904
	125.533
	96.170
	79.748
	105.335
	138.710

Chained Traverse *along Freegold road*

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing <i>North</i>	Correct Chained Distance <i>South</i>
		<i>A2</i>					
F28	277'	55° 50"	21.9258			3.012	
F30	281'	02° 55"	121.8773			23.290	
F33	289'	12° 05"	146.679			48.241	
F35	306'	24° 30'	62.3337			36.999	
F38	303'	58° 10'	148.489			82.971	

Transitman.....

Transit.....Diaphragm.....

Chained Traverse of.....

Date.....

[illegible]

Transitman.....

Transit.....Diaphragm.....

[illegible]

Chained Traverse of.....

Date.....

[illegible]

Transitman.....

Transit.....Diaphragm.....

[illegible]

Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
				Sta G			
T1	203°	12' 30				8 450.40	

Transitman.....

Transit.....Diaphragm.....

REMARKS

$$T1 = A$$

See page 21

× G

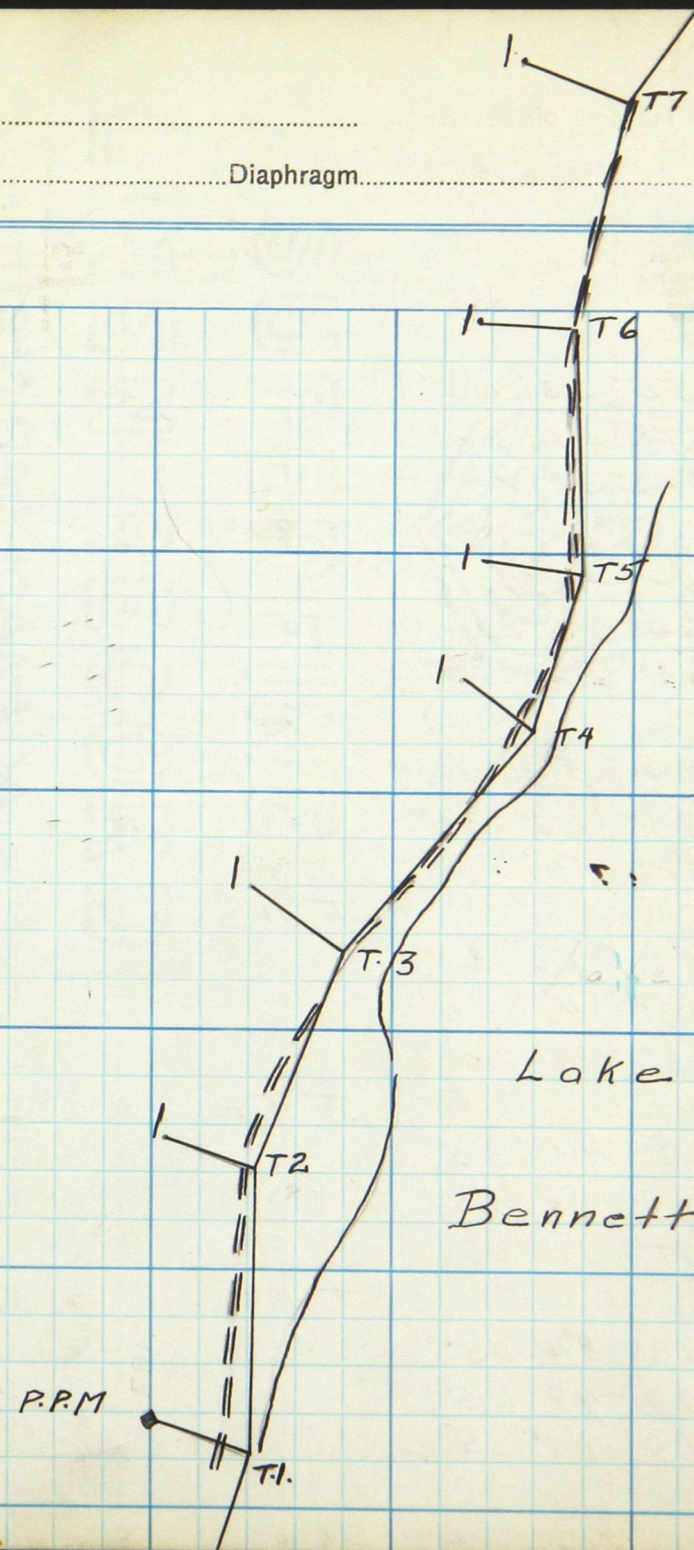
Chained Traverse of.....

Date June 11-13th 1949

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
				T. 1.			
G	23° 12' 30"						
T2	224° 48' 25"					792.95	
P.P.M	131° 36' 15"					180.785	
				T 2			
T1	44° 48' 25"						
T3	219° 14' 25"					548.50	
I.	171° 41' 25"					77.736	
				T 3			
T2	39° 14' 25"						
T4	231° 43' 40"					671.68	
I.	148° 07' 25"					74.423	
				T 4			
T3	51° 43' 40"						
T5	222° 39' 30"					303.03	
I.	133° 07' 40"					84.388	
				T 5			
T4	42° 39' 30"						
T6	200° 15' 10"					477.84	
I.	122° 14' 30"					79.192	
				T 6			
T5	20° 15' 10"						
T7	210° 54' 20"					437.07	
I.	133° 30' 40"					84.069	
				T 7			
T6	30° 54' 20"					512.55	
T8	235° 23' 05"					83.00	
I.	131° 15' 20"						

Transitman.....

Transit..... Diaphragm.....



Chained Traverse of.....

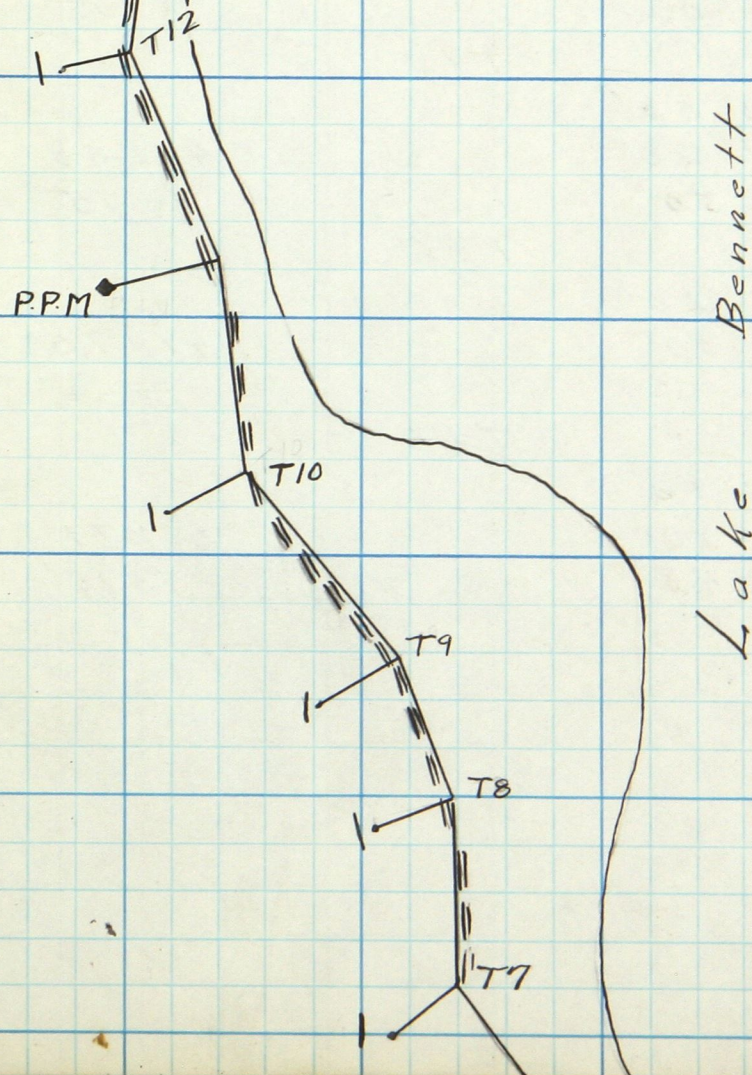
Date June 14-49

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T 8							
T 7	55° 23' 05"						
T 9	213° 40' 20"					217.30	
I	145° 39' 05"✓					89.995	
T 9							
T 8	33° 40' 20"						
T 10	194° 25' 20"					530.60	
I	136° 10' 50"✓					89.874	
T 10							
T 9	14° 25' 20"						
T 11	213° 22' 35"					453.40	
I	121° 46' 50"✓					88.767	
T 11							
T 10	33° 22' 35"						
T 12	198° 41' 35"					501.08	
P.P.M	113° 36' 20"✓					110.364	
T 12							
T 11	19° 41' 35"						
T 13	203° 04' 55"					807.01	
I	107° 26' 35"✓					81.753	
T 13							
T 12	23° 04' 55"						
T 14	192° 49' 05"					480.34	
I	110° 27' 25"✓					82.17	

Transitman.....

Transit..... Diaphragm.....

REMARKS



Chained Traverse of.....

Date June 15-16-49

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

T14

T13 12° 49' 05"

T15 201° 43' 55"

1 120° 43' 05"

821.70

82.05

T15

T14 21° 43' 55"

T16 211° 31' 20"

1 104° 49' 50"

492.80

85.15

T16

T15 31° 31' 20"

T17 205° 55' 30"

418.75

No Mt

T17

T16 25° 55' 30"

T18 211° 04' 50"

1 122° 56' 45"

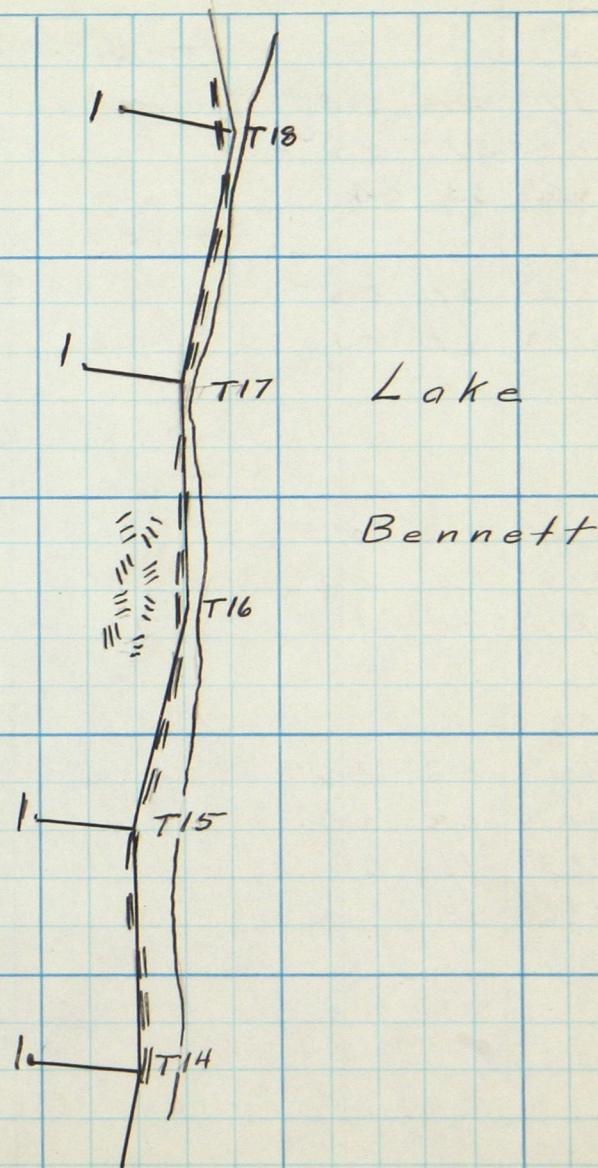
681.77

75.75

Transitman.....

Transit..... Diaphragm.....

REMARKS



Chained Traverse of.....

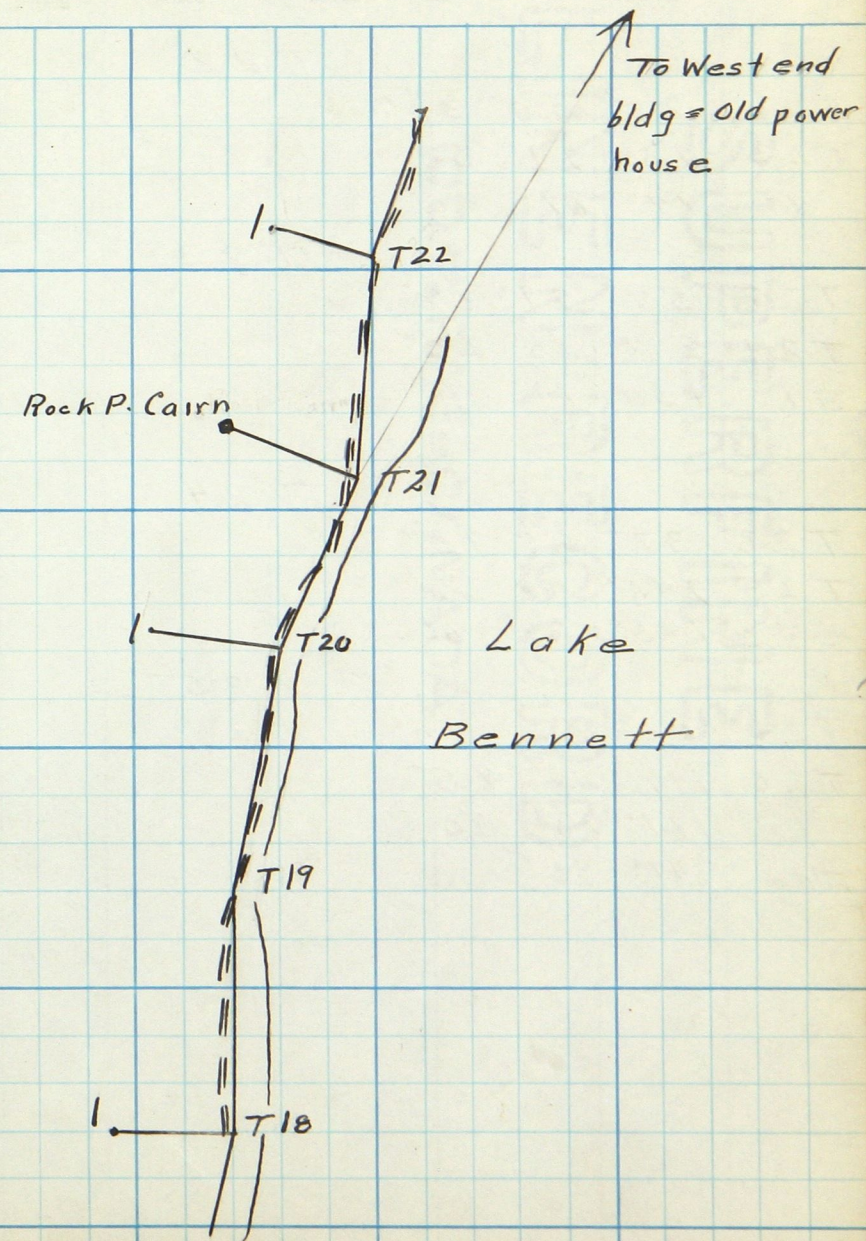
Date.....

Transitman.....

Transit.....Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T18							
T17	31° 04' 50"						
T19	202° 31' 05"					817.56	
I	185° 23' 50"					90.72	
T19							
T18	22° 31' 05"						
T20	210° 23' 45"					662.11	
No mark							
T20							
T19	30° 23' 45"						
T21	216° 22' 20"					417.60	
Rock P	121° 10' 00"					75.44	
T21							
T20	36° 22' 20"						
T22	207° 08' 30"					639.54	
Rock P	123° 11' 00"					88.03	
Rh Edge Bldg	226° 38'						

REMARKS



Chained Traverse of.....

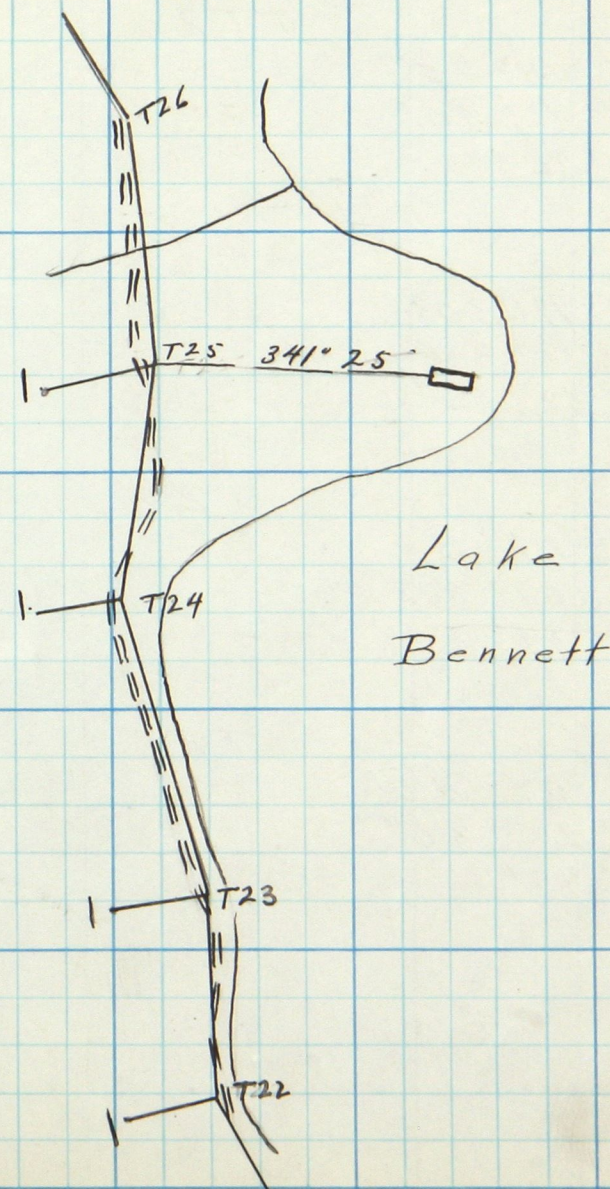
Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T22							
T21	27° 08' 30"						
T23	234° 21' 00"					425.16	
1	143° 01' 00"					87.894	
T23							
T22	54° 21' 00"						
T24	217° 55' 20"					842.36	
1	130° 14' 00"					74.848	
T24							
T23	37° 55' 20"						
T25	246° 08' 00"					434.70	
1	145° 31' 30"					72.50	
T25							
T24	66° 08' 00"						
T26	199° 08' 45"					558.19	
1	127° 23' 00"					140.00	
Bldg	341° 25'					Peak of bldg	

REMARKS



Chained Traverse of.....

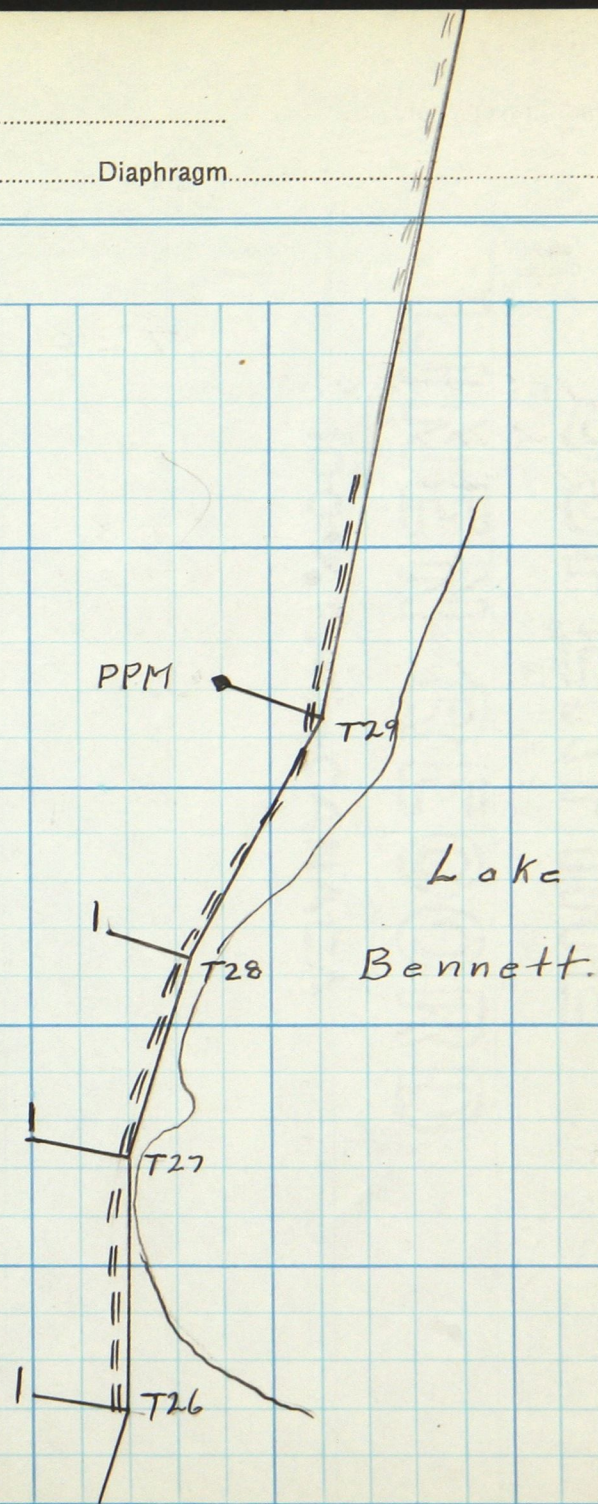
Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T26							
T25	19° 08' 45"						
T27	190° 11' 30"					750.76	
I	79° 06'					88.19	
T27							
T26	10° 11' 30"						
T28	217° 19' 30"					526.67	
I	136° 38' 45"					93.10	
T28							
T27	37° 19' 30"						
T29	221° 09' 45"					996.00	
P.P.M	134° 14'					76.224	
T29							
T28	41° 09' 45"						
T30	210° 28' 30"					3503.40	
P.P.M	115° 49'					93.28	

Transitman.....

Transit..... Diaphragm.....

REMARKS



Chained Traverse of.....

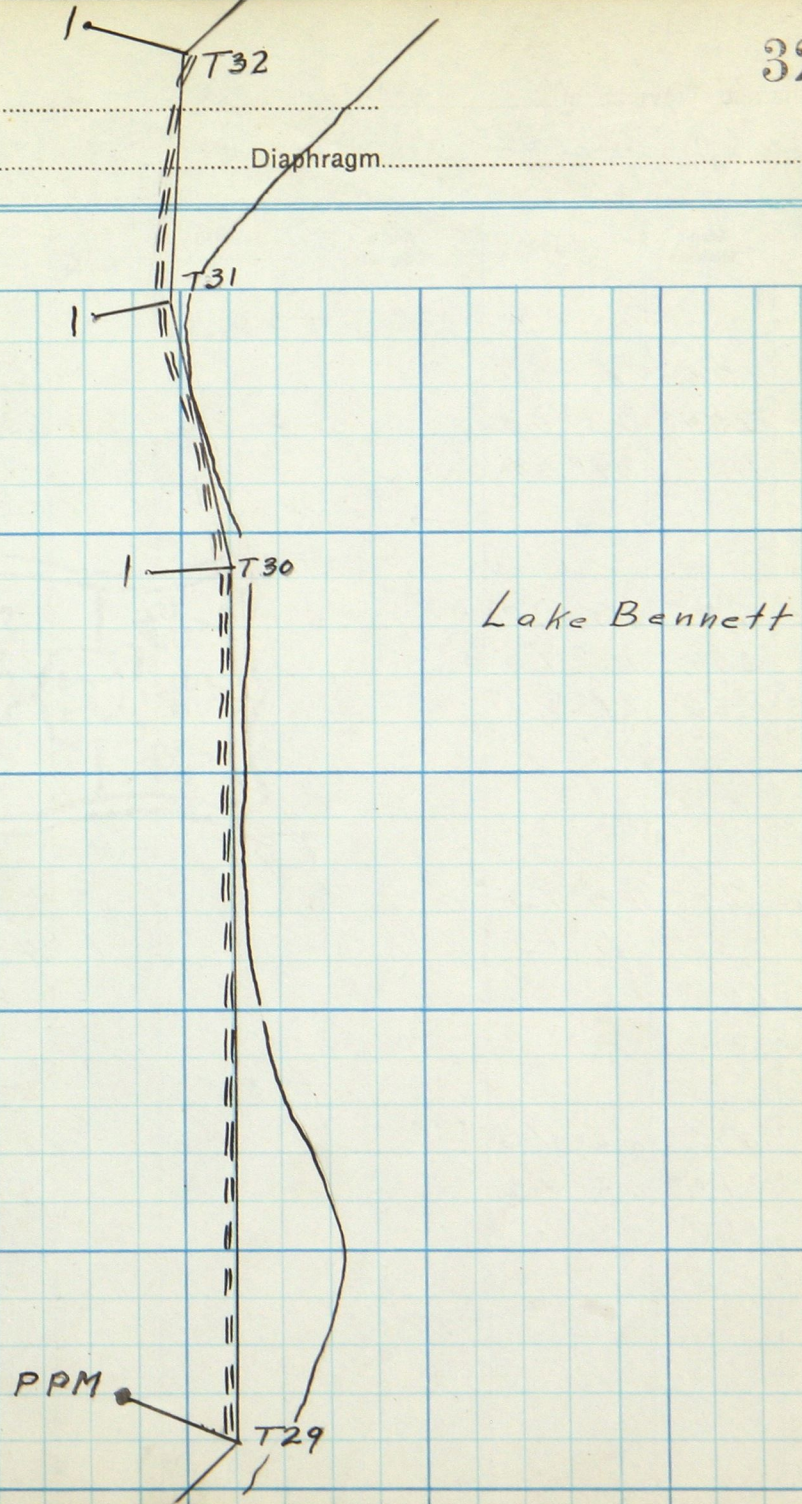
Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
				T 30			
T29	30°	28' 30"					
T31	206°	02' 00"				754.27	
1.	109°	28' 00"				97.24	
				T 31			
T30	26°	02' 00"					
T32	226°	16' 45"				446.38	
1.	113°	12' 00"				78.477	

Transitman.....

Transit..... Diaphragm.....

REMARKS



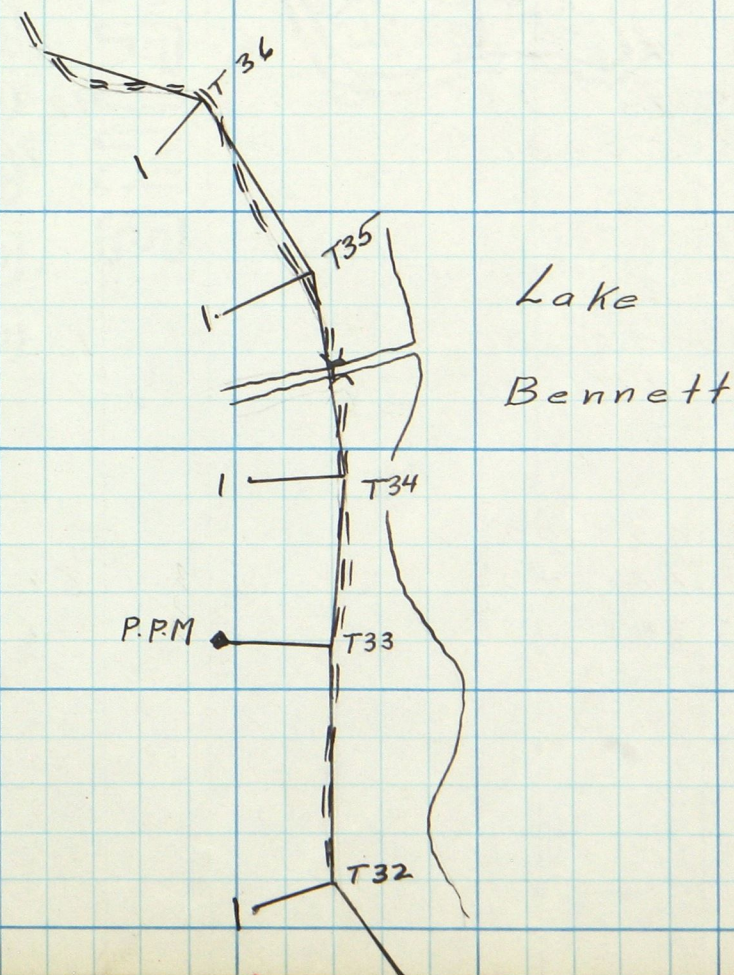
Chained Traverse of.....

Date June 16th

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T32							
T31	46° 16' 45"						
T33	254° 08' 00"					657.47	
1	121° 39' 00"					94.00	
T33							
T32	74° 08' 00"						
T34	254° 49' 15"					374.41	
P.P.M	165° 21' 30"					96.60	
T34							
T33	74° 49' 15"						
T35	237° 16' 15"					457.20	
1	151° 22'					81.73	
T35							
T34	57° 16' 15"						
T36	212° 09' 45"					524.99	
1	137° 57'					94.84	



Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T36							
T35	32°	09' 45"					
T37	196°	49' 45"				1061.66	
1	120°	56' 00"				84.856	
T37							
T36	16°	49' 45"					
T38	210°	28' 15"				1232.74	
1.	121°	51' 30"				94.88	
T38							
T37	30°	28' 15"					
T39	195°	05' 00"				1359.53	
1.	113°	35' 00"				80.00	
T39							
T38	15°	05' 00"					
T40	199°	40' 45"				645.46	
P.P.M.	102°	36' 00"				66.282	

Transitman.....

Transit..... Diaphragm.....

REMARKS
P.P.M. T39 T38 T37 Lake Bennett T36

Chained Traverse of.....

Date.....

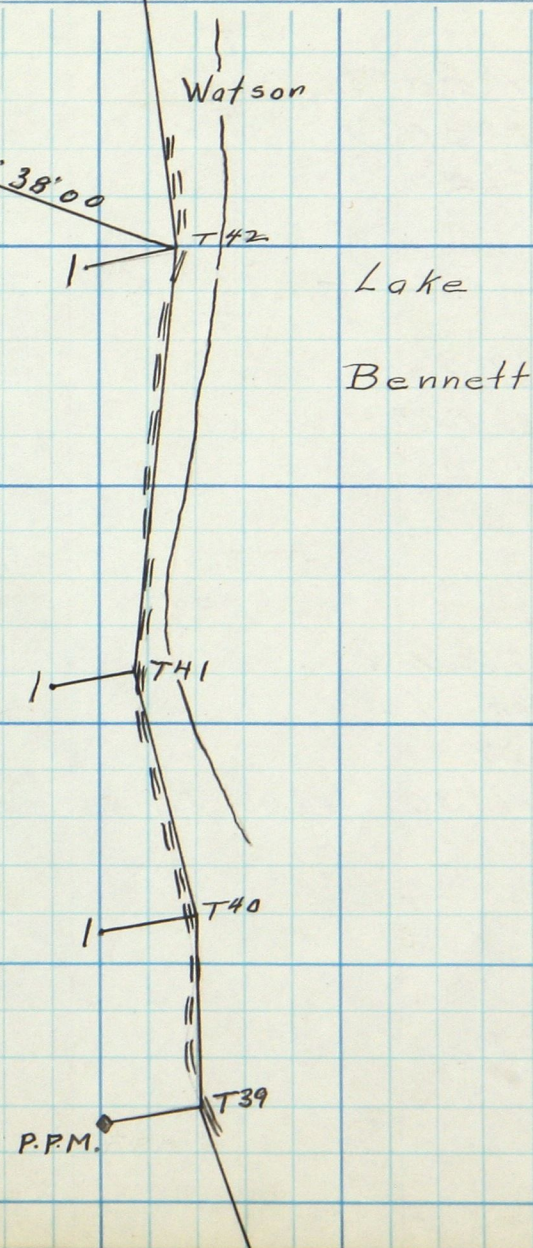
Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T 40							
T39	19° 40' 45"						
T41	185° 56' 30"					707.92	
1	91° 10' 00"					87.437	
T 41							
T40	5° 56' 30"						
T42	197° 05' 15"					1455.73	
1	114° 52' 00"					70.688	
T 42							
T41	17° 05' 15"						
T43	190° 01' 00"					2164.00	
Pole	112° 38' 00"						
01	109° 31' 30"					76.014	

Transitman.....

Transit..... Diaphragm.....

REMARKS

Pole on MT peak



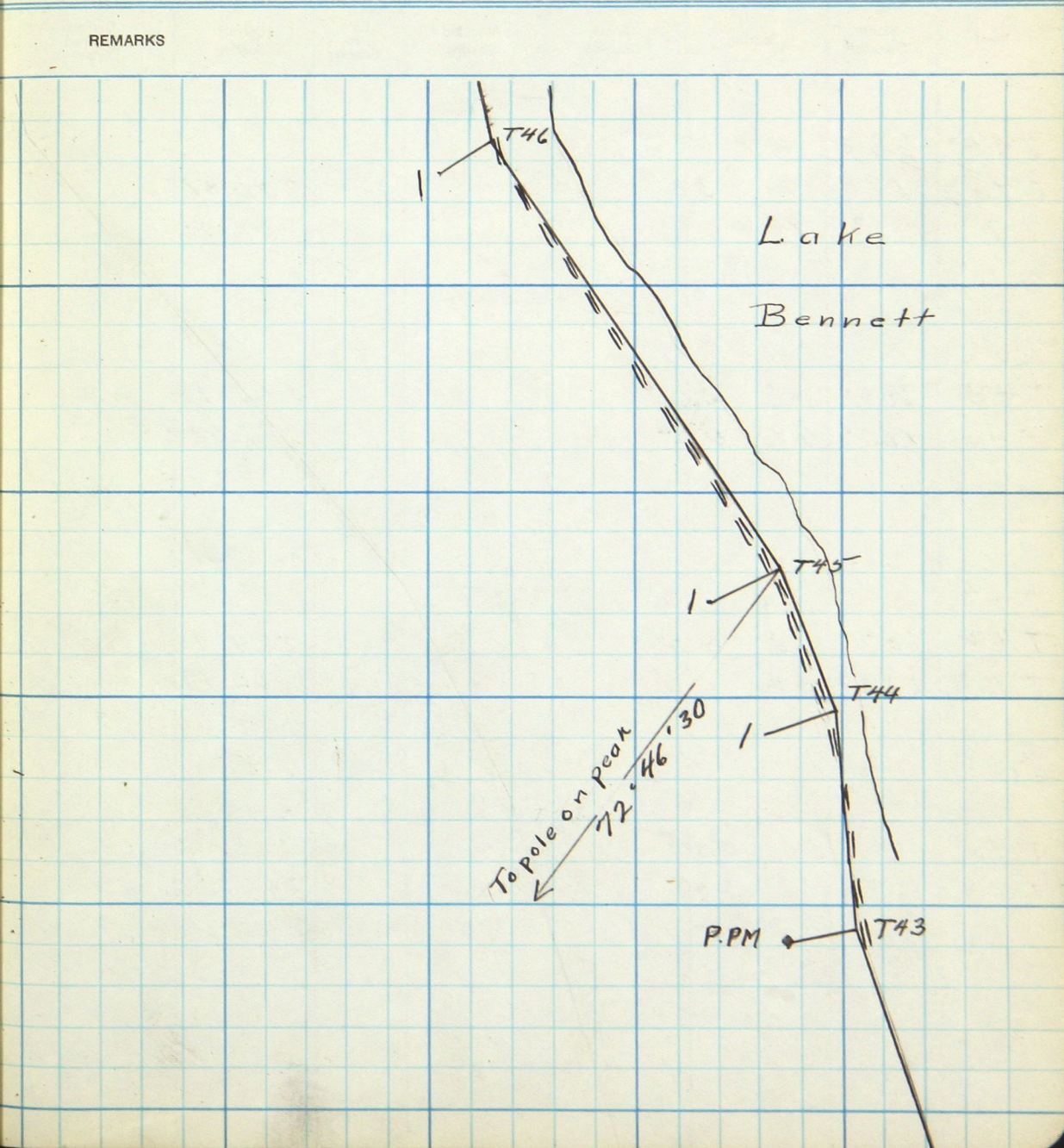
Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T43							
T42	10° 01' 00"						
T44	188° 16' 30"					701.37	
P.P.M	91° 06' 45"					89.421	
T44							
T43	8° 16' 30"						
T45	177° 56' 00"					280.75	
1	93° 24' 00"					77.064	
T45							
T44	357° 56' 00"						
T46	173° 49' 15"					1762.80	
1	92° 50'					76.654	
Pole	72° 46' 30"	Pole on mtn top.					

Transitman.....

Transit..... Diaphragm.....



Chained Traverse of.....

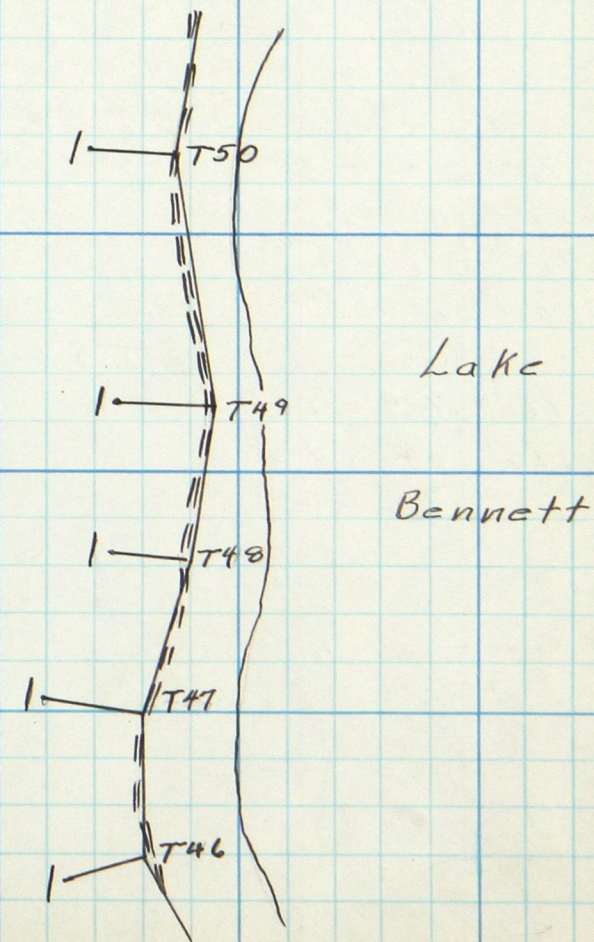
Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
				T46			
T45	353° 49' 15"						
T47	196° 21' 30"					305.96	
1.	93° 46'					74.145	
				T47			
T46	16° 21' 30"						
T48	204° 58' 00"					345.17	
1.	107° 49' 00"					79.504	
				T48	June 17th		
T47	24° 58' 00"						
T49	184° 36' 00"					224.90	
1.	112° 34' 00"					80.79	
				T49			
T48	4° 36' 00"						
T50	165° 36' 30"					844.66	
1.	84° 33' 30"					85.631	

REMARKS



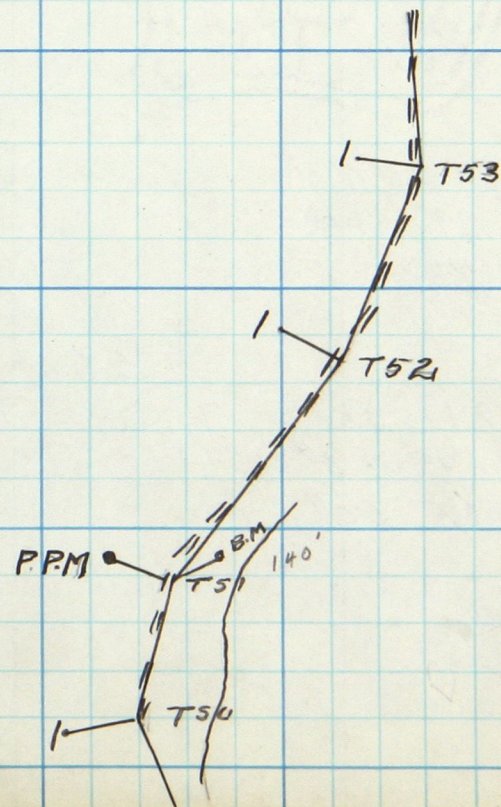
Chained Traverse of.....

Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T50							
T49	345° 36' 30"						
T51	190° 27' 45"					199.00	
1	88° 16' 00"					84.72	
T51							
T50	10° 27' 45"						
T52	196° 09' 12"					1235.80	
P.P.M	111° 31' 00"					88.363	
NEC. Shack	202° 16' 06"						
T52							
T51	16° 09' 12"						
T53	173° 04' 10"					224.56	
1	99° 44' 00"					83.98	



Chained Traverse of.....

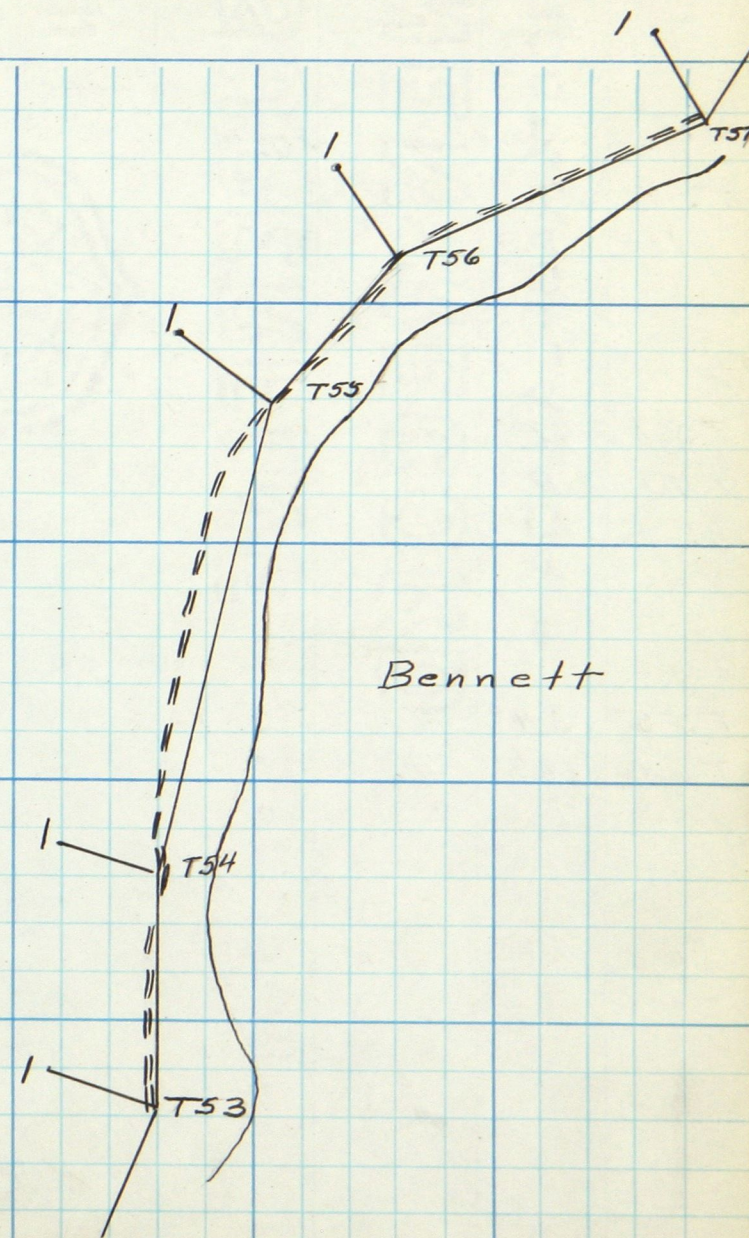
Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T53							
T52	353°	04' 10"					
T54	155°	28' 30"				468.13	
1	80°	44' 00"				84.397	
T54							
T53	335°	28' 30"					
T55	177°	38' 40"				1815.07	
1	61°	11' 00"				91.816	
T55							
T54	357°	38' 40"					
T56	229°	29' 30"				450.41	
1	127°	48' 00"				91.90	
T56							
T55	49°	29' 30"					
T57	253°	09' 45"				752.28	
1.	164°	18' 30"				90.86	

Transitman.....

Transit..... Diaphragm.....

REMARKS



Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
-------	-----------------	---------	---------------	------------------	-----------------	-----------------	--------------------------

T57

T56 73° 09' 45"

T58 226° 05' 20"

I. 151° 35' 30"

370.70

90.00

T58

T57 46° 05' 20"

T59 214° 20' 30"

P.P.M 108° 41' 00"

1645.40

88.80

T59

T58 34° 20' 30"

T60 183° 57' 00"

I. 100° 23' 00"

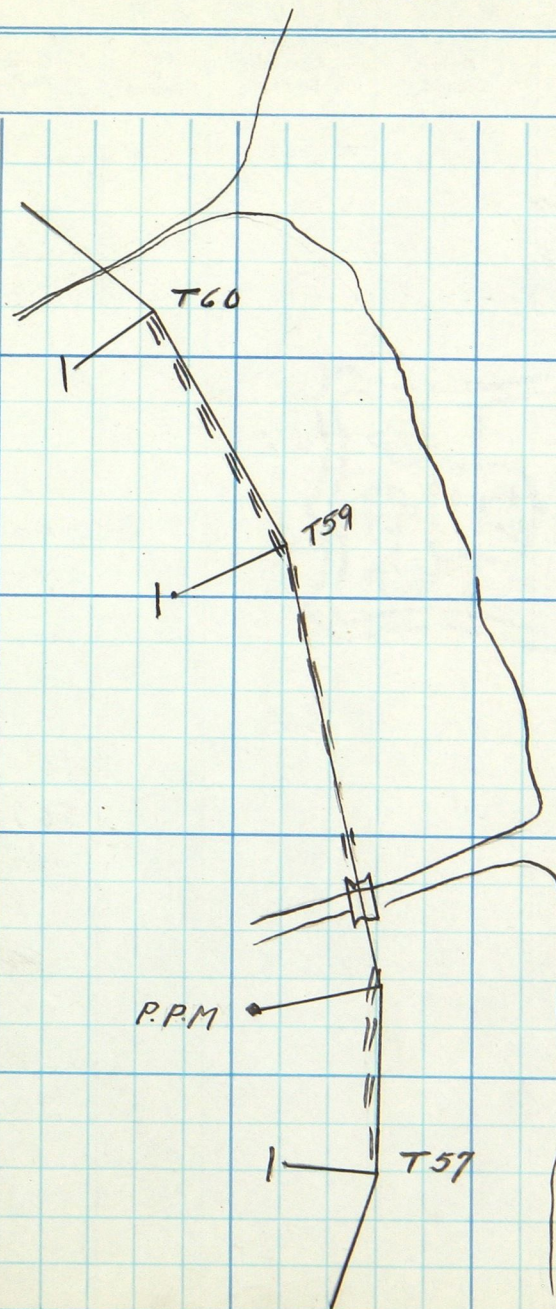
765.54

99.83

Transitman.....

Transit..... Diaphragm.....

REMARKS

T58
+85-Creek

Chained Traverse of.....

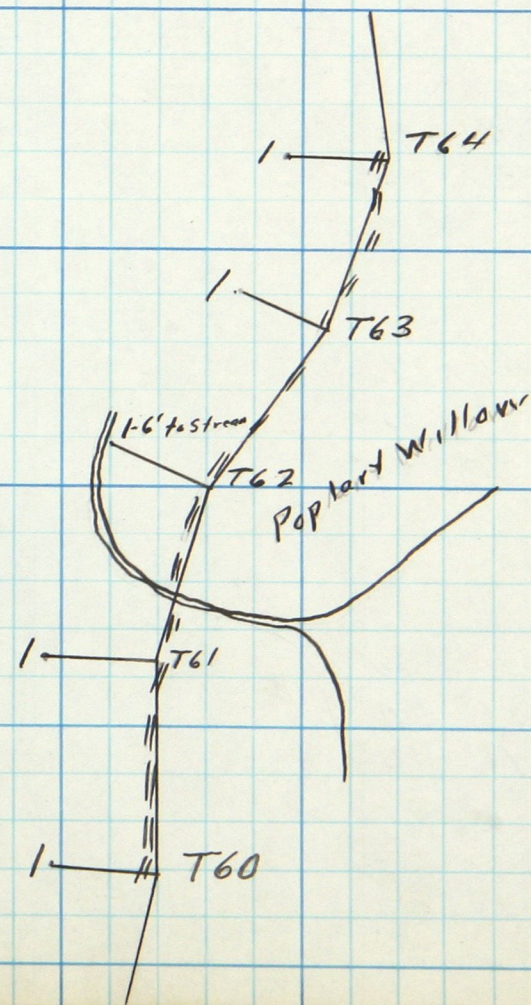
Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T60							
T59	3° 57' 00"						
T61	177° 26' 20"					625.14	
1	96° 18' 00"					78.056	
T61							
T60	357° 26' 20"						
T62	211° 00' 00"					400.14	
1	99° 30'					75.793	
T62							
T61	31° 00' 00"						
T63	229° 39' 00"					561.97	
1	137° 20' 00"					78.00	
T63							
T62	49° 39' 00"						
T64	201° 39' 30"					306.53	
1	122° 02' 01"					90.00	

Transitman.....

Transit..... Diaphragm.....

REMARKS



Chained Traverse of.....

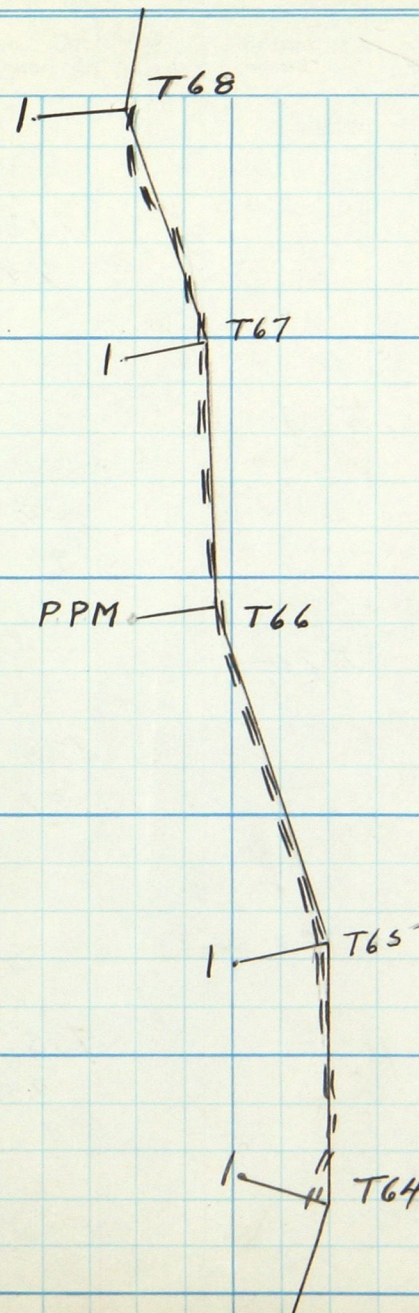
Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T64							
T63	21°	39' 30"					
T65	172°	58' 25"				706.24	
1	96°	00' 00"				92.94	
T65							
T64	352°	58' 25"					
T66	159°	41' 15"				1197.00	
1	69°	32' 00"				81.95	
T66							
T65	339°	41' 15"					
T67	196°	44' 30"				980.94	
P.P.M	59°	45' 30"				82.685	
T67							
T66	16°	44' 30"					
T68	178°	06' 40"				832.73	
1	94°	16' 30"				87.777	

Transitman.....

Transit.....Diaphragm.....

REMARKS



43

Chained Traverse of.....

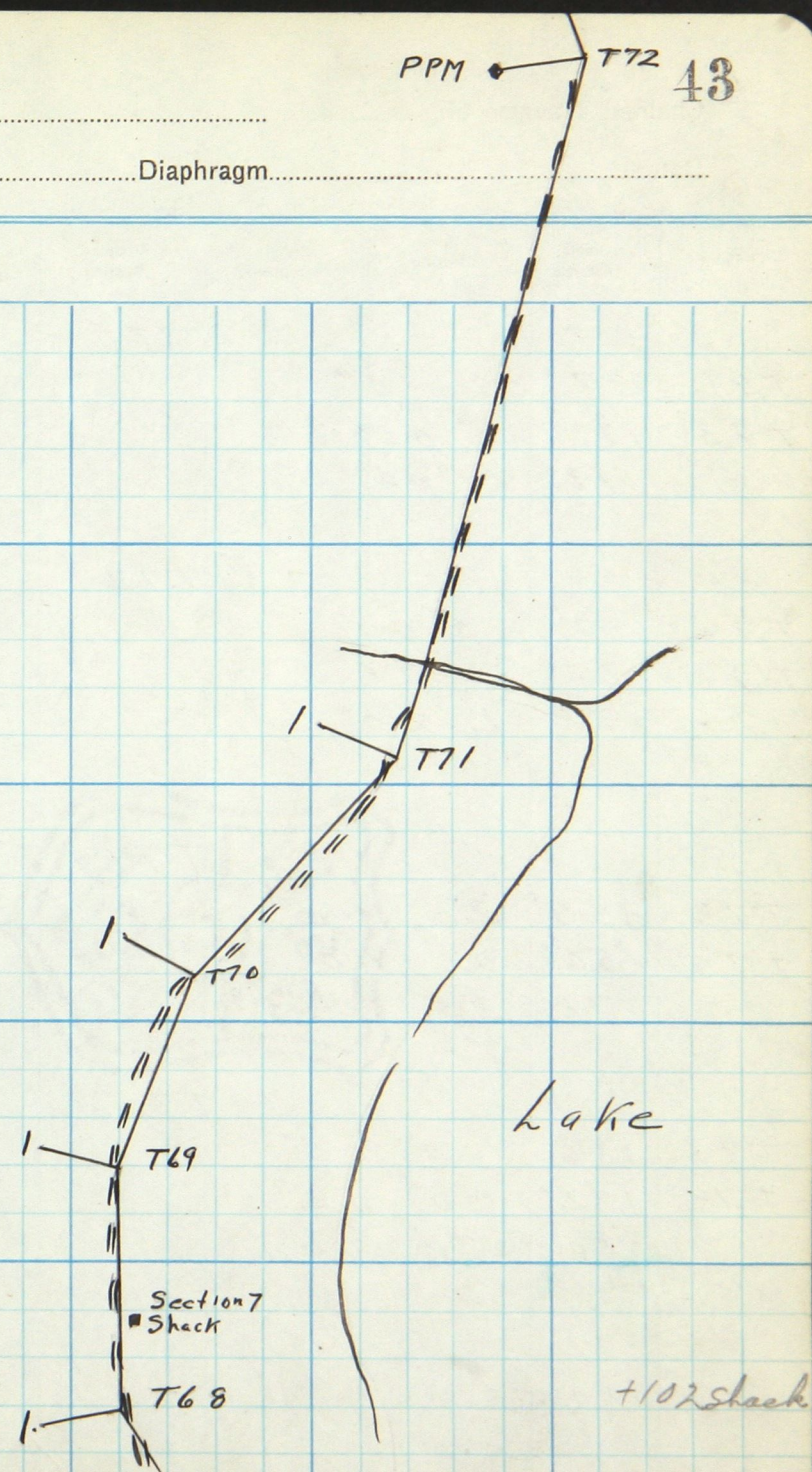
Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T68							
T67	358°	06' 40"					
T69	200°	39' 00"				718.33	
1	93°	02' 30"				75.119	
T69							
T68	20°	39' 00"					
T70	226°	59' 30"				344.66	
1	150°	24' 00"				94.79	
T70							
T69	46°	59' 30"					
T71	250°	15' 00"				678.66	
1	153°	28' 30"				81.93	
T71							
T70	70°	15' 00"					
T72	217°	09' 10"				1881.65	
1	124°	49' 00"				94.02	

Transitman.....

Transit..... Diaphragm.....

REMARKS



Chained Traverse of.....

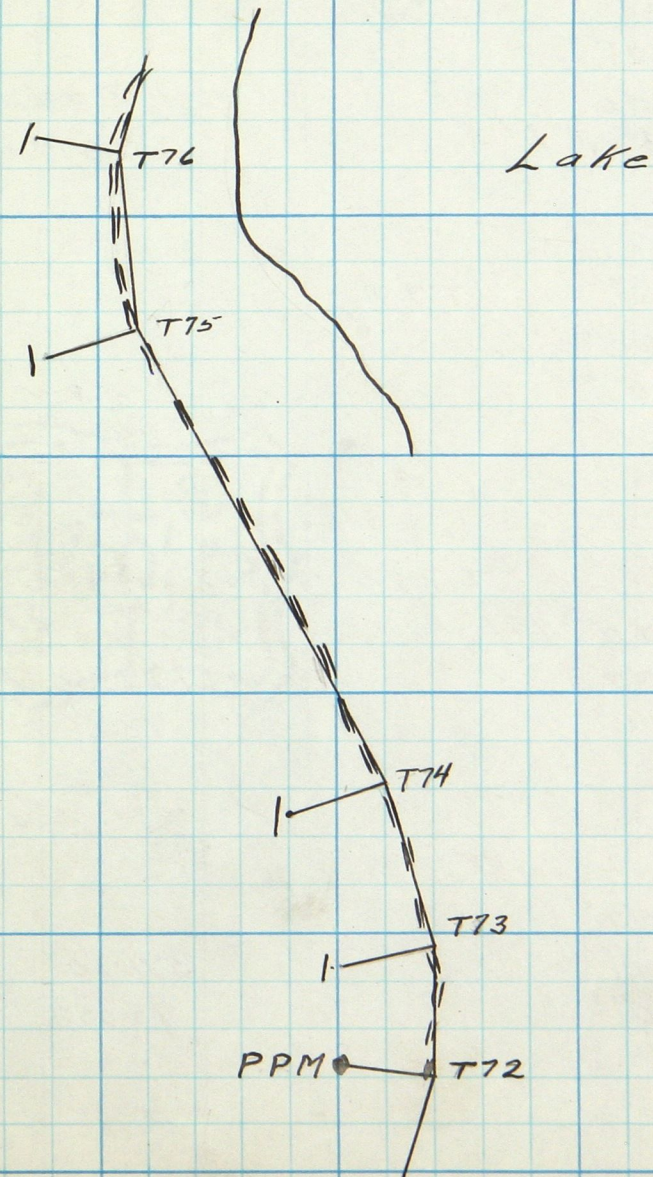
Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T72							
T71	37° 09' 10"						
T73	197° 23' 00"					250.34	
P.P.M.	119° 47' 00"					76.35	
T73							
T72	17° 23' 00"						
T74	175° 20' 40"					191.93	
1	91° 19' 00"					91.00	
T74							
T73	355° 20' 40"						
T75	156° 02' 00"					1710.86	
1	71° 25' 00"					85.00	
T75							
T74	336° 02' 00"						
T76	182° 35' 52"					352.36	
1	80° 21' 00"					82.87	

REMARKS



Chained Traverse of.....

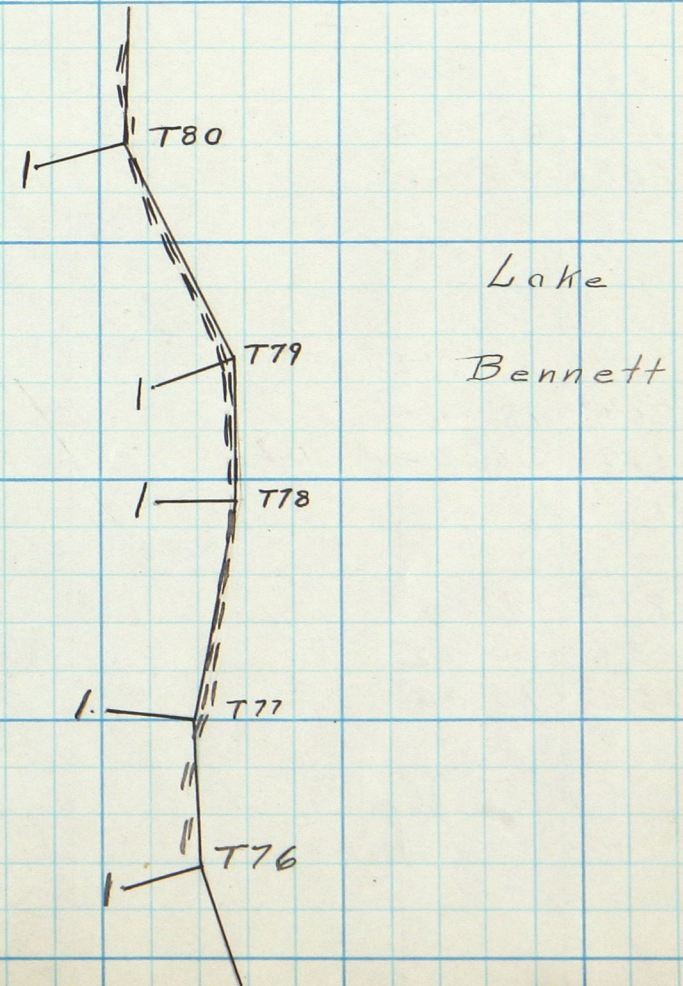
Date June 18th

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T76							
T75	2° 35' 52"						
T77	211° 23' 00"					226.43	
1	99° 26' 30"					84.872	
T77							
T76	31° 23' 00"						
T78	219° 03' 00"					404.84	
1	115° 24' 30"					84.473	
T78							
T77	39° 03' 00"						
T79	201° 42' 00"					199.30	
1	127° 45' 00"					78.684	
T79							
T78	21° 42' 00"						
T80	193° 17' 00"					511.30	
1	101° 52' 00"					78.688	

REMARKS



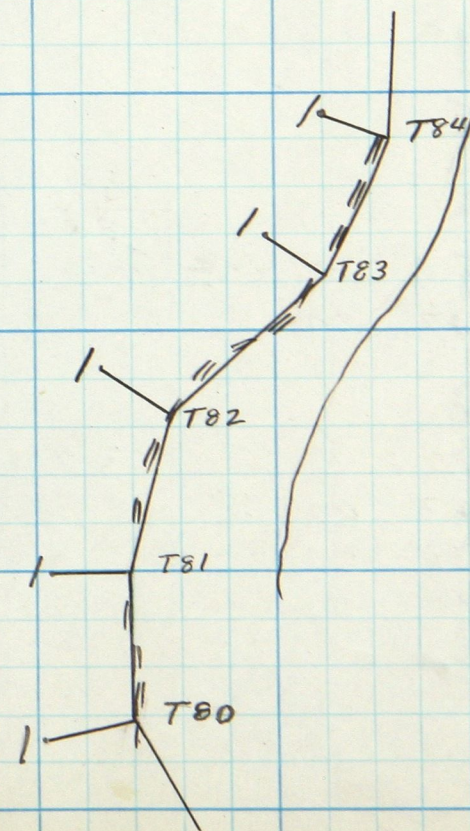
Chained Traverse of.....

Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
				T80			
T79	13° 17' 00"						
T81	213° 51' 45"					408.70	
1	108° 15' 15"					82.619	
				T81			
T80	33° 51' 45"						
T82	237° 37' 15"					321.88	
1	133° 15' 00"					84.114	
				T82			
T81	57° 37' 15"						
T83	264° 18' 00"					469.28	
1	157° 28' 00"					76.479	
				T83			
T82	84° 18' 00"						
T84	239° 00' 00"					261.92	
1	162° 10' 00"					83.564	



Chained Traverse of.....

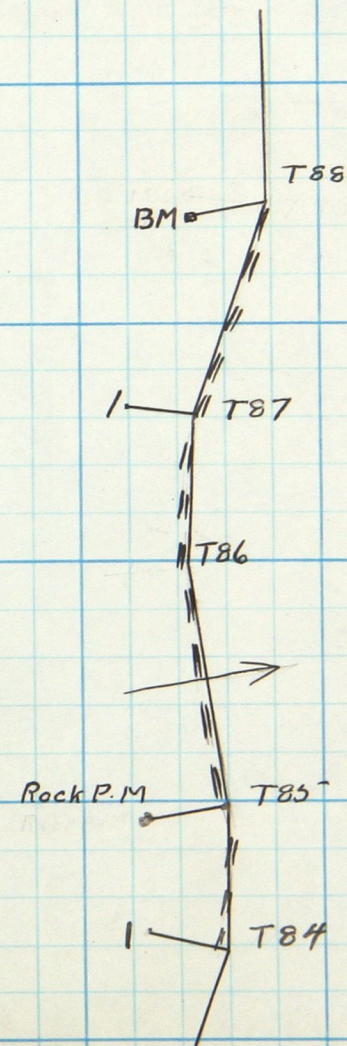
Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
				T84			
T83	59° 00' 00"						
T85	213° 01' 00"					230.84	
1	152° 01' 30"					92.15	
				T85			
T84	33° 01' 00"						
T86	192° 20' 30"					783.27	
Rock P.	115° 49'					97.79	
				T86			
T85	12° 20' 30"						
T87	215° 07' 00"					219.97	
No M+							
				T87			
T86	35° 07' 00"						
T88	233° 19' 30"					461.73	
1	145° 07'					76.772	

REMARKS



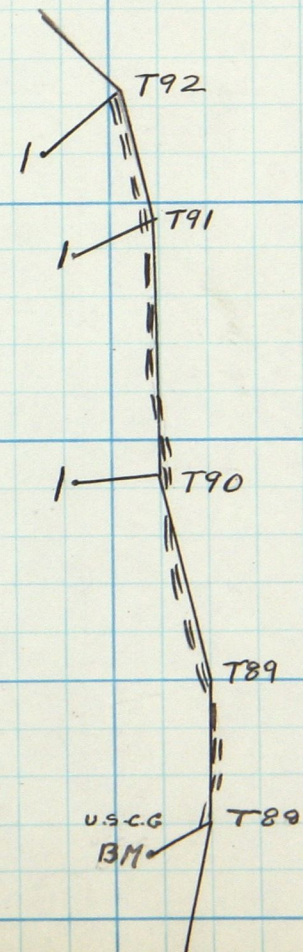
Chained Traverse of.....

Date.....

Transitman.....

Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T88							
T87	53° 19' 30"						
T89	208° 53' 00"					266.70	
BM D3	183° 55'					29.25	BM.
T89							
T88	28° 53' 00"						
T90	202° 20' 00"					618.49	
No M+							
T90							
T89	22° 20' 00"						
T91	209° 36' 30"					835.81	
1	99° 40'					74.648	
T91							
T90	29° 36' 30"						
T92	189° 36' 00"					201.76	
1	112° 05' 00"					86.191	



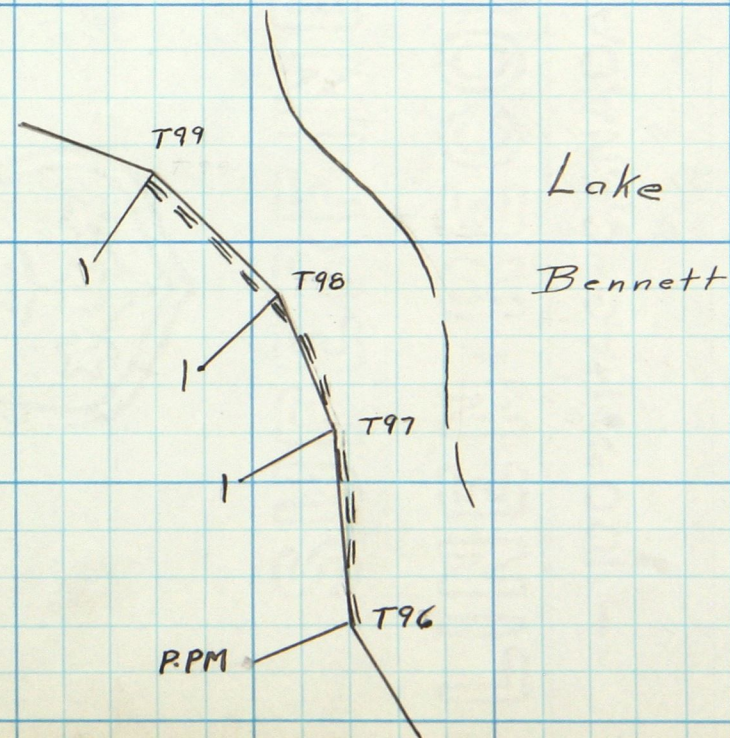
Chained Traverse of.....

Date.....

Transitman.....

Transit.....Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
				T96			
T95	57° 38' 45"						
T97	261° 14' 00"					536.00 ✓	
P.P.M	154° 23' 30"					6450	
				T97			
T96	81° 14' 00"						
T98	246° 33' 00"					332.25 ✓	
1	149° 51' 00"					76.003	
				T98			
T97	66° 33' 00"						
T99	231° 34' 30"					352.71 ✓	
1	147° 40' 00"					91.048	



Chained Traverse of.....

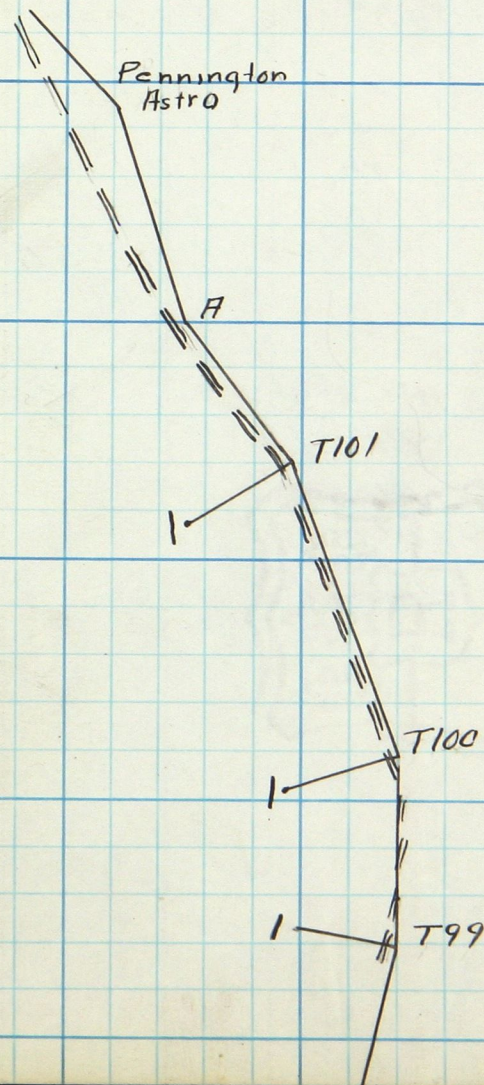
Date June 20th

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
T99							
T98	51°	34' 30"					
T100	207°	52' 00"				556.38	
1	130°	12' 00"				94.45	
T100							
T99	27°	52' 00"					
T101	195°	00' 00"				936.13	
1	117°	50' 30"				96.63	
T101							
T100	15°	00' 00"					
A	191°	56' 30"				323.84	
1	81°	00' 00"				79.14	
A							
101	11°	56' 30"					
Astro	205°	04' 30"				427.89	

Transitman.....

Transit..... Diaphragm.....

REMARKS



Chained Traverse of.....

Date.....

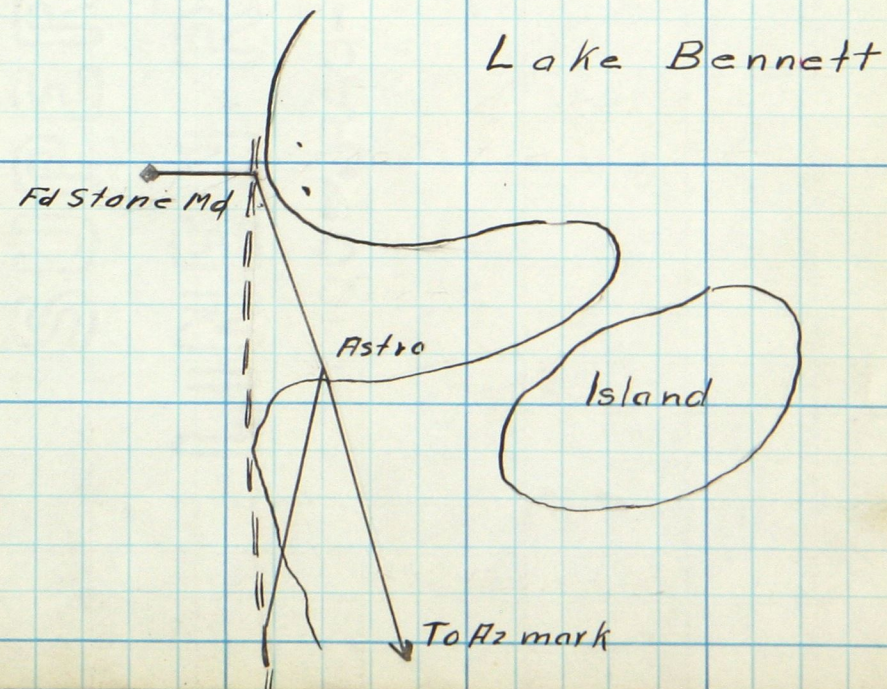
Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing	Eq'n to Bearing	Correct Bearing	Correct Chained Distance
Pennington Astro							
A	25' 04' 30"						
Spike	171'	21' 00" 18' 30"				273.33	
Az pt	2°	04' 00" 2° 01' 30"					
Spike							
Astro	351'	18' 30" 21' 00"					
Bdy	90'	00' 00"				69.56	

Pen Az sta to A 24° 55' 30"
 Conv 9' 27"
 Bearing 25° 04' 57"
 Traverse 25° 04' 30"
 Error = 0' 27"

Transitman.....

Transit..... Diaphragm.....

REMARKS



Chained Traverse of.....

Date.....

[illegible]

Transitman.....

Transit.....Diaphragm.....

REMARKS

Ref Mention Through
Part 5 L 161 Q 754

Conv at R13 45"
" R13 - Remark 842"

Total time 9' 27"

Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing N	Eq'n to Bearing	Correct Bearing South	Correct Chained Distance East
R15-R13	153° 28' 30"						
R13-C	233° 20' 00"	2373.33				1417.26	
C-T1	203° 12' 30"	8450.40				7766.80	
T2	224° 48' 45"	772.95				562.65	
T3	219° 14' 25"	548.50				424.80	
T4	231° 43' 40"	671.68				416.03	
T5	222° 39' 30"	303.03				222.10	
T6	200° 15' 10"	477.89				448.34	
T7	210° 54' 20"	437.07				375.02	
T8	235° 23' 05"	512.55				284.48	
T9	213° 40' 20"	217.30				180.83	
T10	194° 25' 20"	530.60				513.89	
T11	213° 22' 35"	453.40				378.62	
T12	198° 41' 35"	501.08				474.64	
T13	203° 04' 55"	807.01				742.40	
T14	192° 49' 05"	480.34				468.37	
T15	201° 43' 55"	821.70				764.20	
T16	211° 31' 20"	492.80				420.08	
T17	205° 55' 30"	418.75				376.60	
						16237.11	

Transitman.....

Transit..... Diaphragm.....

REMARKS	West						
1903.70							
3330.16	Offset to M.T. =	120.06 S	135.176 E				
55884		76.91 S	11.23 E				
346.99	M. 84 K. 44	63.11 S	39.44 E				
527.30		57.67 S	61.60 E				
204.66		42.25 S	66.98 E				
165.43		57.88 S	60.97 E				
219.38		54.73 S	62.40 E				
421.80		74.29 S	50.78 E				
120.47		64.84 S	62.22 E				
132.16		46.76 S	75.46 E				
249.43		44.19 S	101.12 E				
160.60		24.50 S	78.00 E				
316.40		28.72 S	76.99 E				
106.57		41.91 S	70.54 E				
304.63		21.80 S	82.31 E				
257.65		—	—				
183.06		41.20 S	63.56 E				
9509.23							

Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing North	Eq'n to Bearing	Correct Bearing South	Correct Chained Distance East
T17-T18	211°	04' 50"	681.77			583.99	
T19	202°	31' 05"	817.56			755.23	
T20	210°	23' 45"	662.11			571.10	
T21	216°	22' 20"	417.60			336.26	
T22	207°	08' 30"	639.54			569.10	
T23	234°	21' 00"	425.16			247.79	
T24	217°	55' 20"	842.36			664.50	
T25	246°	08' 00"	434.70			175.89	
T26	199°	08' 45"	558.19			527.31	
T27	190°	11' 30"	750.76			738.90	
T28	217°	19' 30"	526.67			418.80	
T29	221°	09' 45"	996.00			749.84	
T30	210°	28' 30"	3503.40			3019.43	
T31	206°	02' 00"	754.27			677.73	
T32	226°	16' 45"	446.38			308.51	
T33	254°	08' 00"	657.47			179.75	
T34	254°	49' 15"	374.41			98.03	
T35	237°	16' 15"	457.20			247.20	
T36	212°	09' 45"	524.99			444.43	
T37	196°	49' 45"	1061.66			1016.25	
T38	210°	28' 15"	1232.74			1062.52	
T39	195°	05' 00"	1359.53			1312.65	
T40	199°	40' 45"	645.46			607.79	

Transitman.....

Transit.....Diaphragm.....

REMARKS		South	East	West
West				
351.96	HT18	90.32 S		8.54
313.10		—		—
335.00		39.04	64.55	
247.65		48.18	73.68	
291.10		70.21	52.87	
345.49		48.35	57.14	
517.70		59.77	41.04	
397.53		85.00	111.24	
183.07	16.68		86.60	
132.83		67.70	63.91	
319.33		53.17	54.62	
655.56		40.62	83.97	
1776.80		32.41	91.68	
331.03		30.92	72.13	
322.60		49.12	80.51	
632.42		93.47	24.42	
361.35		71.73	39.16	
384.62		70.40	63.50	
279.46		43.62	72.79	
307.36		50.08	80.59	
625.12		32.01	73.32	
353.79		1446	64.68	
217.39		1.78	87.42	
9682.26				

Chained Traverse of.....

Date.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing North	Eq'n to Bearing	Correct Bearing South	Correct Chained Distance East
T41	185°	56' 30"	707.92			704.11	
T42	197°	05' 15"	1455.73			1391.41	
T43	190°	01' 00"	2164.00			2131.05	
T44	188°	16' 30"	701.37			694.06	
T45	177°	56' 00"	280.75			280.56	10.12
T46	173°	49' 15"	1762.80			1752.64	189.76
T47	196°	21' 30"	305.96			293.56	
T48	204°	58' 00"	345.17			312.90	
T49	184°	36' 00"	224.90			224.17	
T50	165°	36' 30"	844.66			818.14	209.98
T51	190°	27' 45"	199.00			195.69	
T52	196°	09' 12"	1235.80			1186.75	
T53	173°	04' 10"	224.56			222.92	27.05
T54	155°	28' 30"	468.13			425.90	194.32
T55	177°	38' 40"	1815.07			1813.45	74.44
T56	229°	29' 30"	450.41			292.56	
T57	253°	09' 45"	752.28			217.91	
T58	226°	05' 20"	370.70			257.10	
T59	214°	20' 30"	1645.40			1358.61	
T60	183°	57' 00"	765.54			763.73	
T61	177°	26' 20"	625.14			624.51	27.99
T62	211°	00' 00"	400.14			343.00	
T63	229°	39' 00"	561.97			363.88	
T64	201°	39' 30"	366.53			284.89	
						733.66	

Transitman.....

Transit.....Diaphragm.....

REMARKS	N Offsets to Monuments	S	E	W
West				
73.28		29.72	64.14	
427.73		25.40	71.64	
376.40		1.74	89.40	
100.93		4.57	76.93	
		3.79	76.56	
		4.87	73.98	
96.68		24.32	75.69	
145.69		31.00	74.60	
18.03	8.12		85.25	
	2.56		84.68	
36.14		32.41	82.20	
443.80		14.20	82.77	
	13.59		83.29	
	44.26		80.45	
		56.33	72.62	
342.46		87.47	24.57	
720.03		79.16	42.82	
267.06		28.45	84.12	
928.20		17.99	98.20	
52.73		8.56	77.58	
		12.51	74.75	
206.09		57.35	52.86	
428.29		47.74	76.30	
113.13		9.71	92.43	
4576.67				

Chained Traverse of.....

Date.....

Transitman.....

Transit.....Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing North	Eq'n to Bearing	Correct Bearing South	Correct Chained Distance East
T65	172°	58' 25"	706.24			701.00	86.38
T66	159°	41' 15"	1197.00			1122.60	415.54
T67	196°	44' 30"	980.94			939.36	
T68	178°	06' 40"	832.73			832.28	27.37
T69	200°	39' 00"	718.33			672.17	
T70	226°	59' 30"	344.66			235.10	
T71	250°	15' 00"	678.66			229.34	
T72	217°	09' 10"	1881.65			1499.68	
T73	197°	23' 00"	250.34			238.90	
T74	175°	20' 40"	191.93			191.29	15.56
T75	156°	02' 00"	1710.86			1563.34	695.00
T76	182°	35' 52"	352.36			352.00	
T77	211°	23' 00"	226.43			193.31	
T78	219°	03' 00"	404.84			314.40	
T79	201°	42' 00"	199.30			185.18	
T80	193°	17' 00"	511.30			497.62	
T81	213°	51' 45"	408.70			339.35	
T82	237°	37' 15"	321.88			172.40	
T83	264°	18' 00"	469.28			46.61	
T84	239°	00' 00"	261.92			134.90	
T85	213°	01' 00"	230.84			193.56	
T86	192°	20' 30"	783.27			765.16	
T87	215°	07' 00"	219.97			179.93	
T88	233°	19' 30"	461.73			275.79	

1239.85

REMARKS	Offsets to Mts -				
West	N	S	E	vv	
	28.66		76.78		
	41.65		71.43		
282.56		6.54	87.54		
		3.99	75.01		
253.30		82.42	46.82		
252.03		73.30	36.59		
638.73		53.68	77.19		
1136.43		37.93	66.27		
74.79		2.06	90.98		
	27.09		80.57		
	13.89		81.70		
15.98		13.92	83.72		
117.90		36.24	76.83		
255.05		48.17	62.21		
73.69		16.18	77.01		
117.48		25.88	78.47		
227.75		57.63	61.27		
271.82		70.64	29.31		
466.96		79.55	25.59		
224.51		81.39	43.23		
125.79		42.59	88.03		
167.42		—	—		
126.53		62.98	43.91		
370.33		29.19			2.00

5212.05

Chained Traverse of.....

Date.....

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Transit..... Diaphragm.....

Point	Stadia Distance	Bearing	Angle Doubled	Accepted Bearing N	Eq'n to Bearing	Correct Bearing South	Correct Chained Distance East
T89	208°	53' 00"	266.70			233.52	
T90	202°	20' 00"	618.49			572.10	
T91	209°	36' 30"	835.81			726.66	
T92	189°	36' 00"	201.76			198.99	
T93	170°	15' 50"	465.00			458.38	78.61
T94	205°	03' 00"	312.60			283.20	
T95	228°	05' 50"	220.48			147.28	
T96	237°	38' 45"	932.48			499.03	
T97	261°	14' 00"	536.00			81.69	
T98	246°	33' 00"	332.23			132.22	
T99	231°	34' 30"	352.71			219.21	
T100	207°	52' 00"	556.38			491.85	
T101	195°	00' 00"	936.13			904.22	
A	191°	56' 30"	323.84			316.83	
Astro	205°	08' 00"	427.86			387.36	
Spike	171°	21' 00"	273.33			270.22	41.22
Bdy Post.	90°	00' 00"	69.56				69.56

78.61

REMARKS	N	S	E	W
128.85				
235.02		12.53	73.59	
412.95		32.41	79.87	
33.65		7.90	82.60	
		23.63	76.59	
132.36		31.80	60.06	
164.14		71.60	43.76	
787.72		58.16	27.88	
529.74		65.72	38.17	
304.79		76.93	48.70	
276.36		60.96	72.14	
260.06		45.13	85.44	
242.29	12.38		78.17	
67.00				
181.73				
3756.66				

Date.....

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Transit.....Diaphragm.....

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