Original

P.H.No.2.

19 N.W.D.
78 G.1

Application of R. P. Rithet
June 1878.

SURVEY OF PURCASED LAND

LOT 450 G.1.

NEW WESTMINSTER DISTRICT.

R. C. Cridge C.E.

July 1878.



Friday January 26th 1872.

Test observation of North Star

Magnetic Variation 23° 46' E



Traverse from a point near Teeshgwit-
lieut running down the coast - through
Grief Point

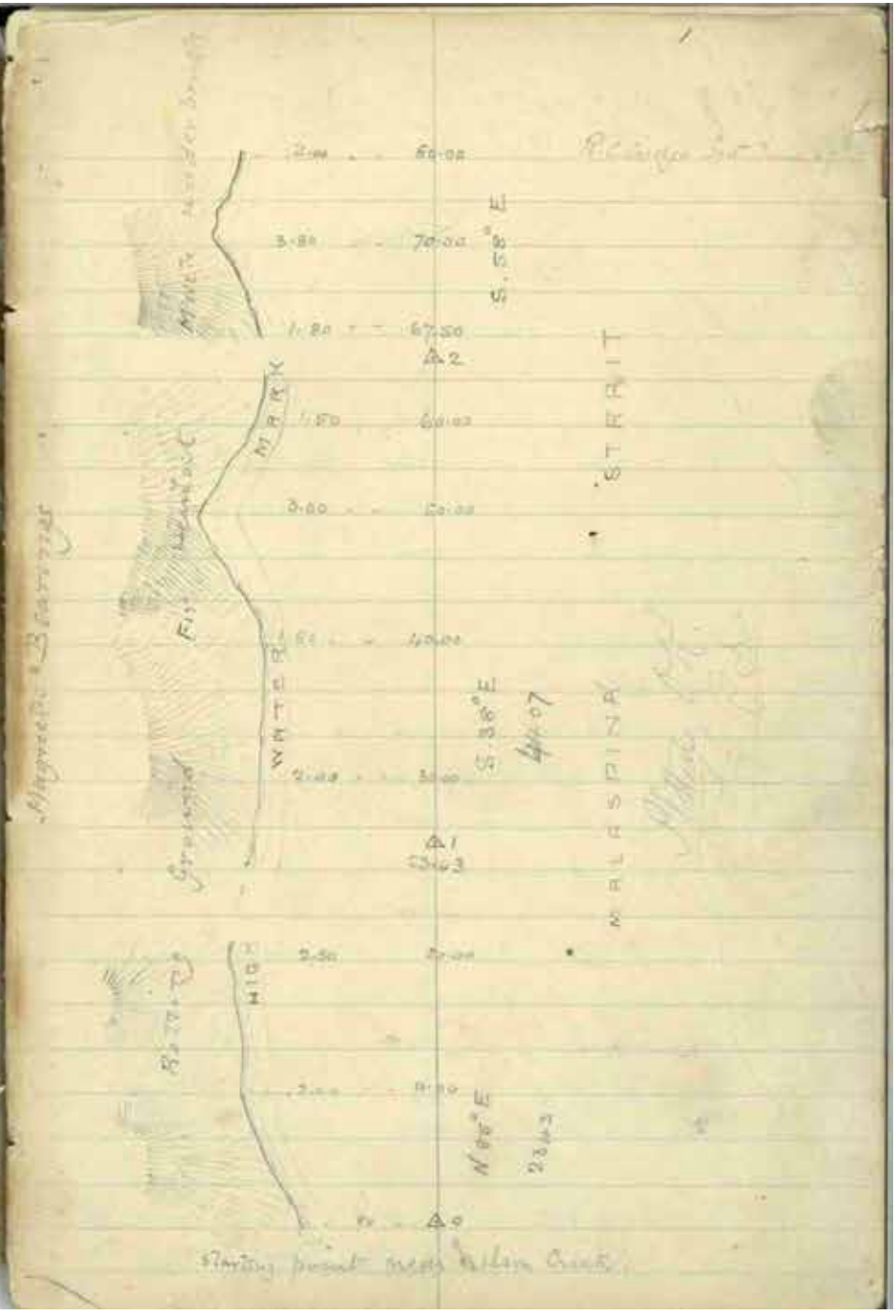
N B The Traverse along shore
is made with the Transit instrument
used as a compass, enabling Bay Sights
to be taken

Chainage running through

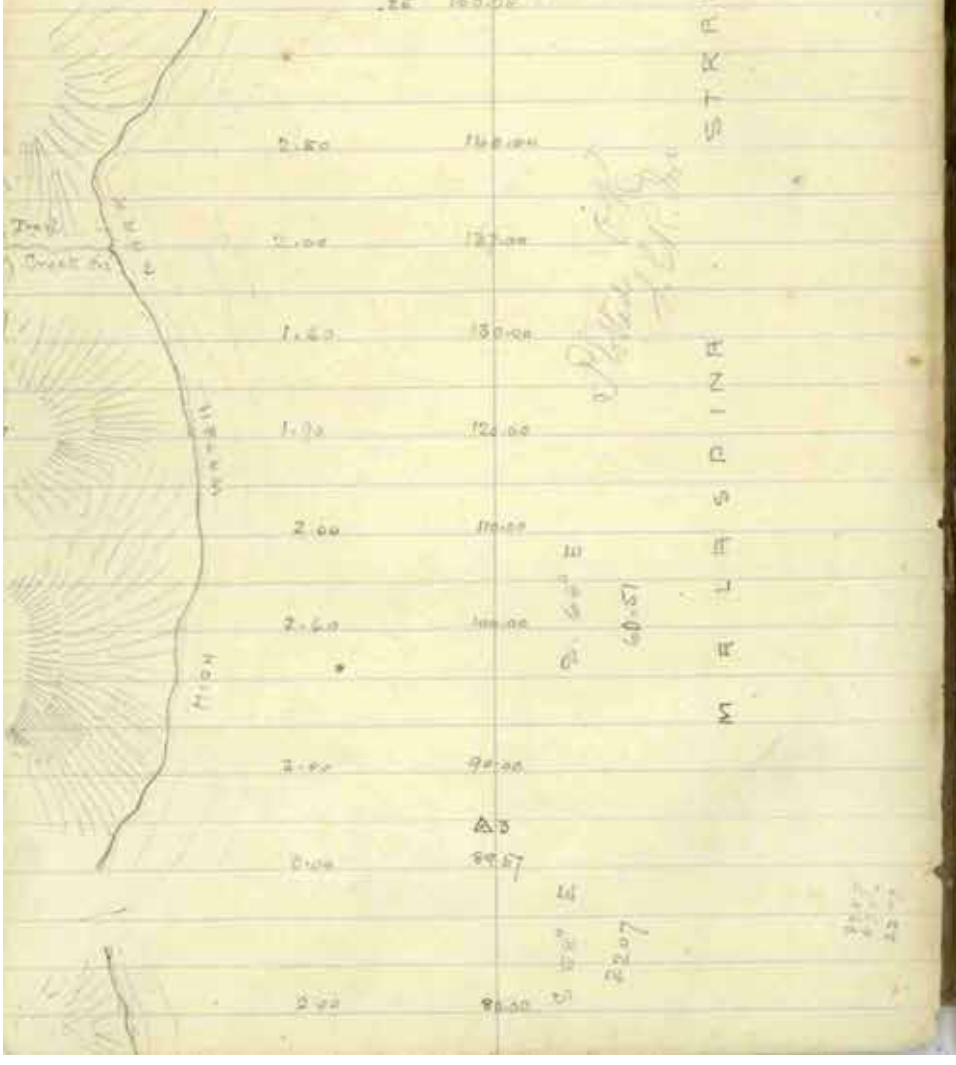
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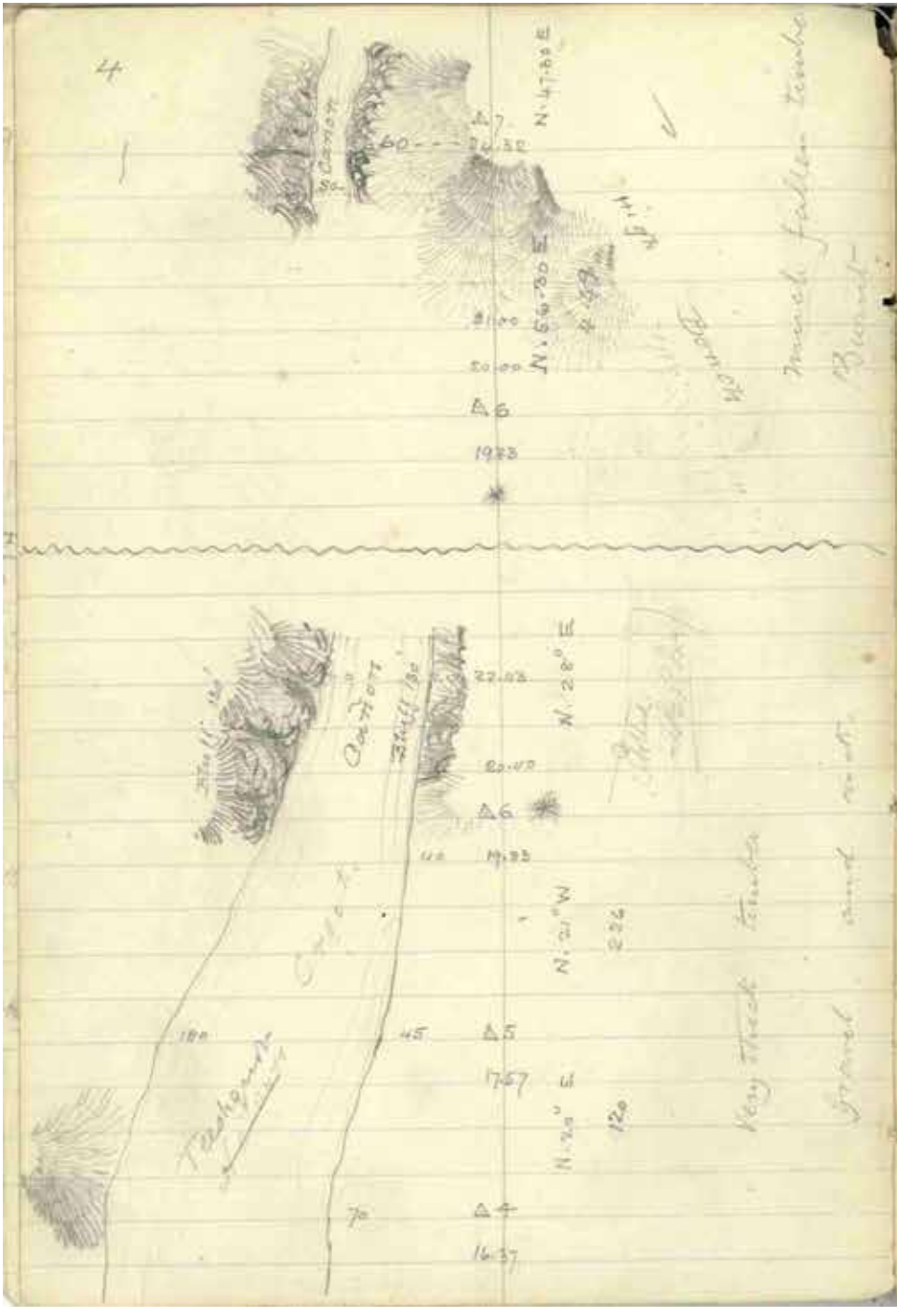
Note.

All bearings in these notes
are magnetic unless otherwise stated

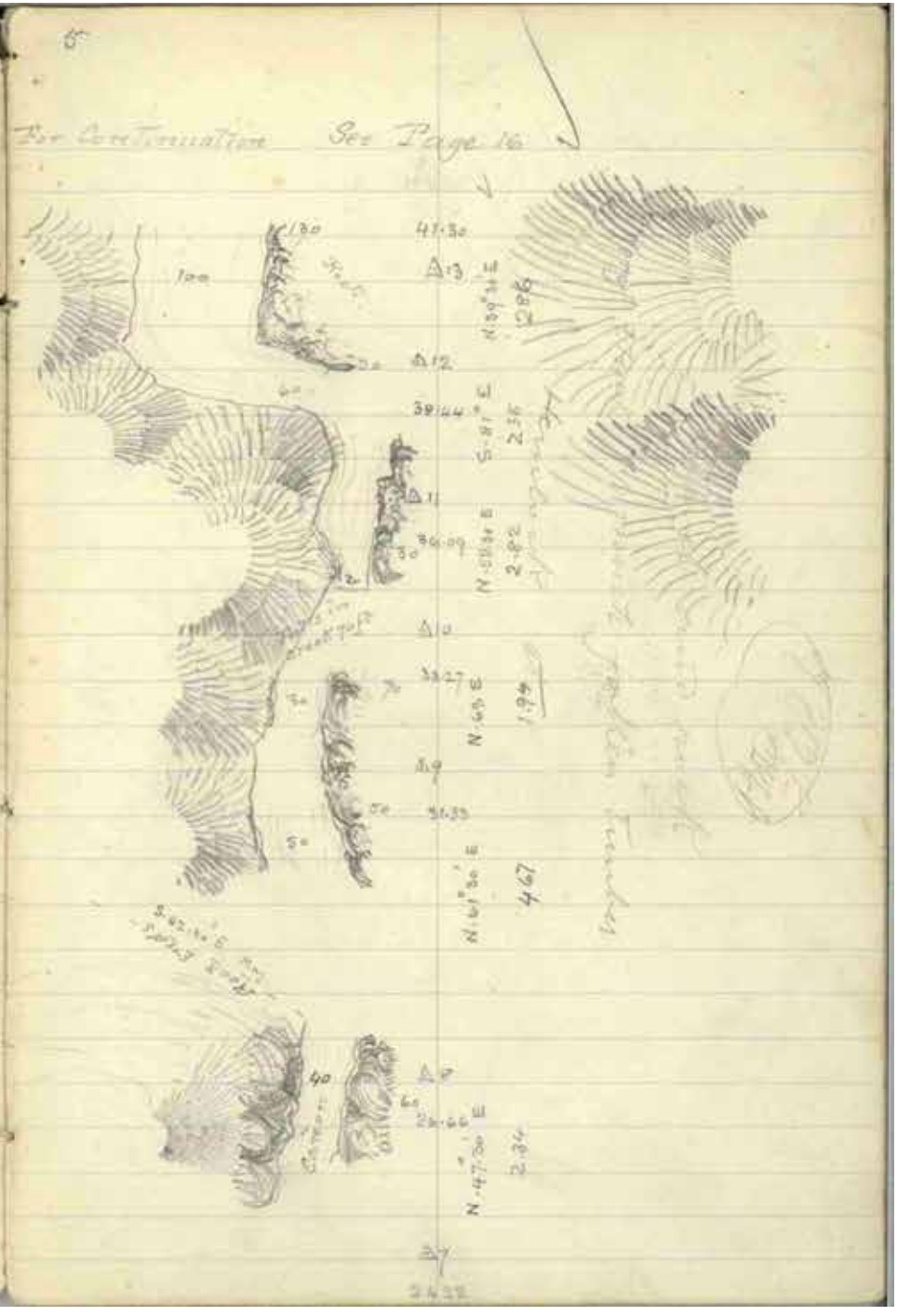

Magnetic Variation
Magnetic Bearings
Grief Point
Teeshgwitlieut
Kitwanga River
Kitwanga
Kitwanga Mission
Kitwanga Village
Kitwanga Creek
Kitwanga Mountain
Kitwanga Valley
Kitwanga Lake
Kitwanga Station
Kitwanga Post Office
Kitwanga Hotel
Kitwanga Store
Kitwanga Church
Kitwanga School
Kitwanga Cemetery
Kitwanga Bridge
Kitwanga Ford
Kitwanga Trail
Kitwanga Road
Kitwanga Railway
Kitwanga Telegraph
Kitwanga Telephone
Kitwanga Electric
Kitwanga Gas
Kitwanga Water
Kitwanga Sewer
Kitwanga Drainage
Kitwanga Irrigation
Kitwanga Reservoir
Kitwanga Dam
Kitwanga Power
Kitwanga Light
Kitwanga Heat
Kitwanga Fuel
Kitwanga Coal
Kitwanga Wood
Kitwanga Timber
Kitwanga Lumber
Kitwanga Mill
Kitwanga Factory
Kitwanga Shop
Kitwanga Store
Kitwanga Hotel
Kitwanga Restaurant
Kitwanga Bank
Kitwanga Post Office

Continued on Page 6


STRAIT
MALASPINA
Creek
Trail
Creek
Hill
Hill
Hill



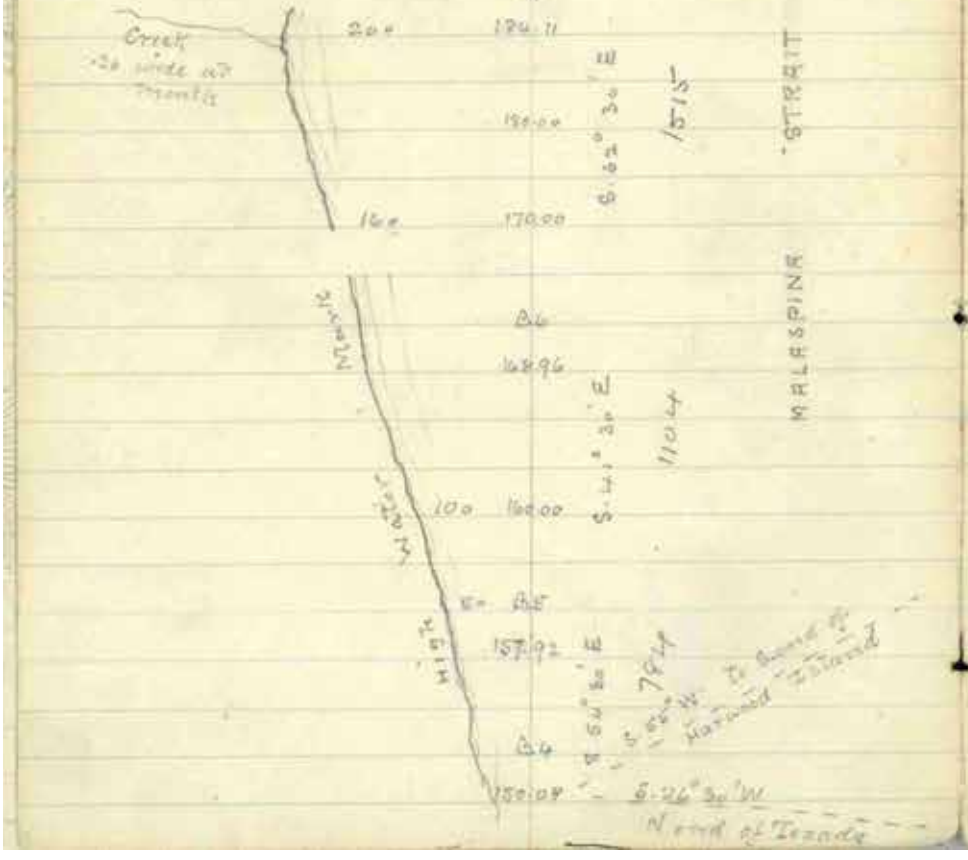
For Continuation See Page 16



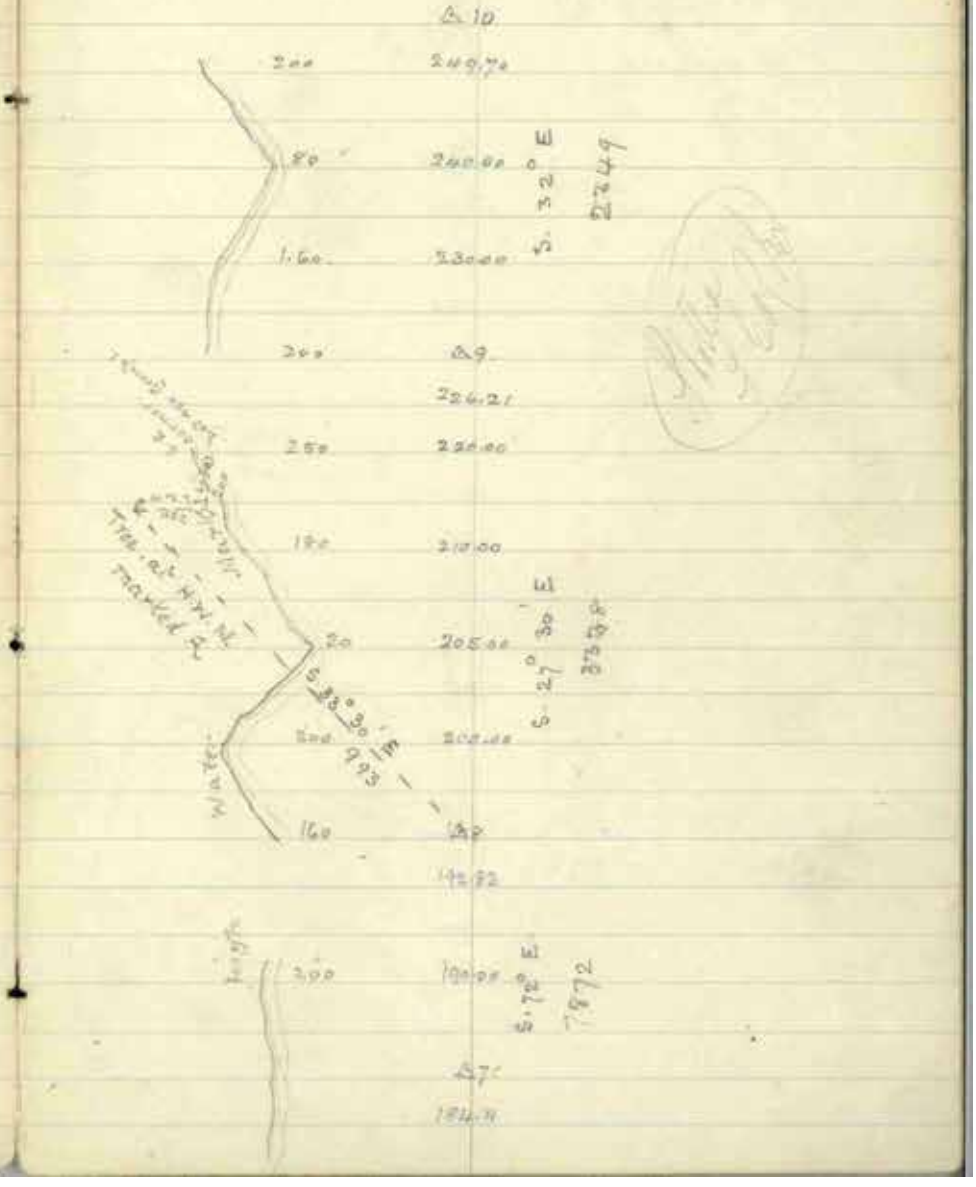
6

Continuation of Traverse towards Grief Point

Monday Feby 1st Ridge



7



S 20° 30' E

280 320.00

Δ 12

MPP 314.08

200 310.00

260 300.00

S 32° E

240 290.22

29.73

200 280.00

Δ 11

150 Rivulet 275.85

250 270.00

S 35° 30' E

320 260.00

26.25

250.00

Δ 10

209.70

S 22° 30' E

N end Texada

S 82° W

S end Harwood Island

S 80° W

Δ 45

10 300.22

10 290.00

1 S 10° E 21.66

10 270.00

100 260.00

Δ 14

100 255.44

S 23° 30' E 17.14

150 250.00

Δ 15

200 238.07

400 230.00

S 24° 30' E 23.79

320 220.00

Found corner post destroyed by fire

found B.T., replaced post, replaced broken glass

S. E. Corner of
R.P. Rhodes timber Lease

N. 60° W. 14.4

S. 80° E.
112

Pt. Ange

Grief Point

1008

Tetalquint

Traverse from Δ0 across Nelson Creek to Quatsi.

Col. 72° = 2.4750869.

base = 500 / n. 37,500 + 500

Log = 12.37

Rocky

N. W. M.

12.37

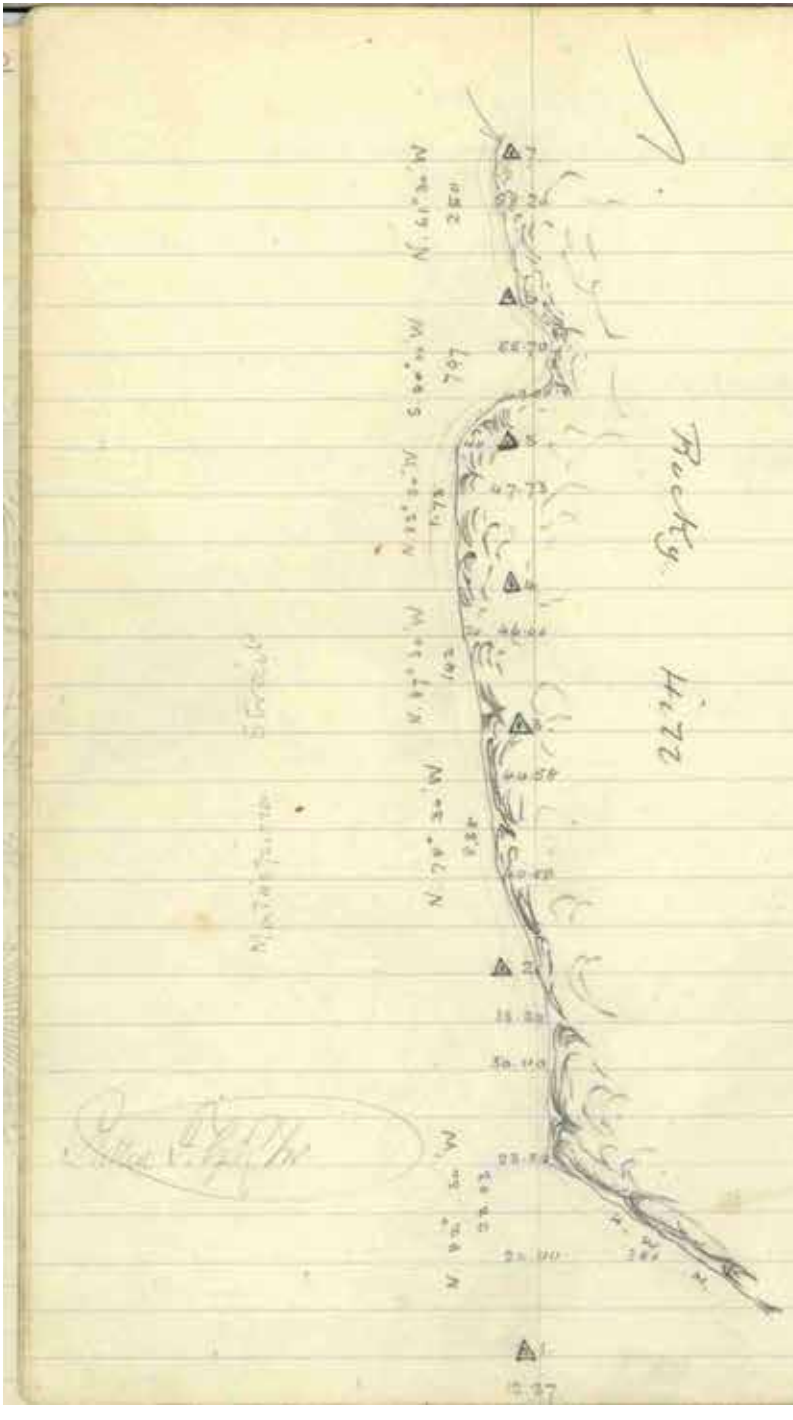
Δ1 ——— 500

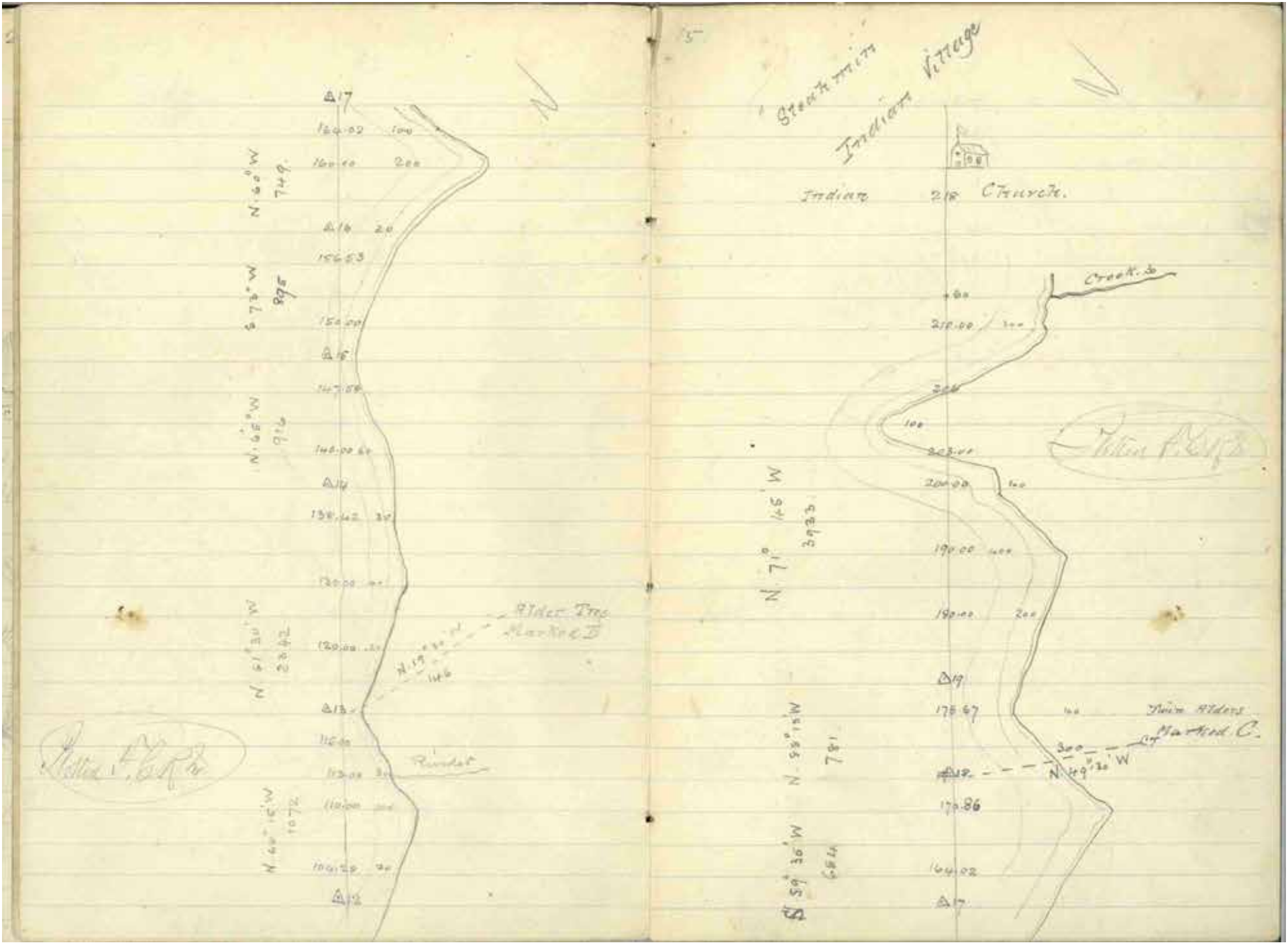
90° 68°

Nelson Creek

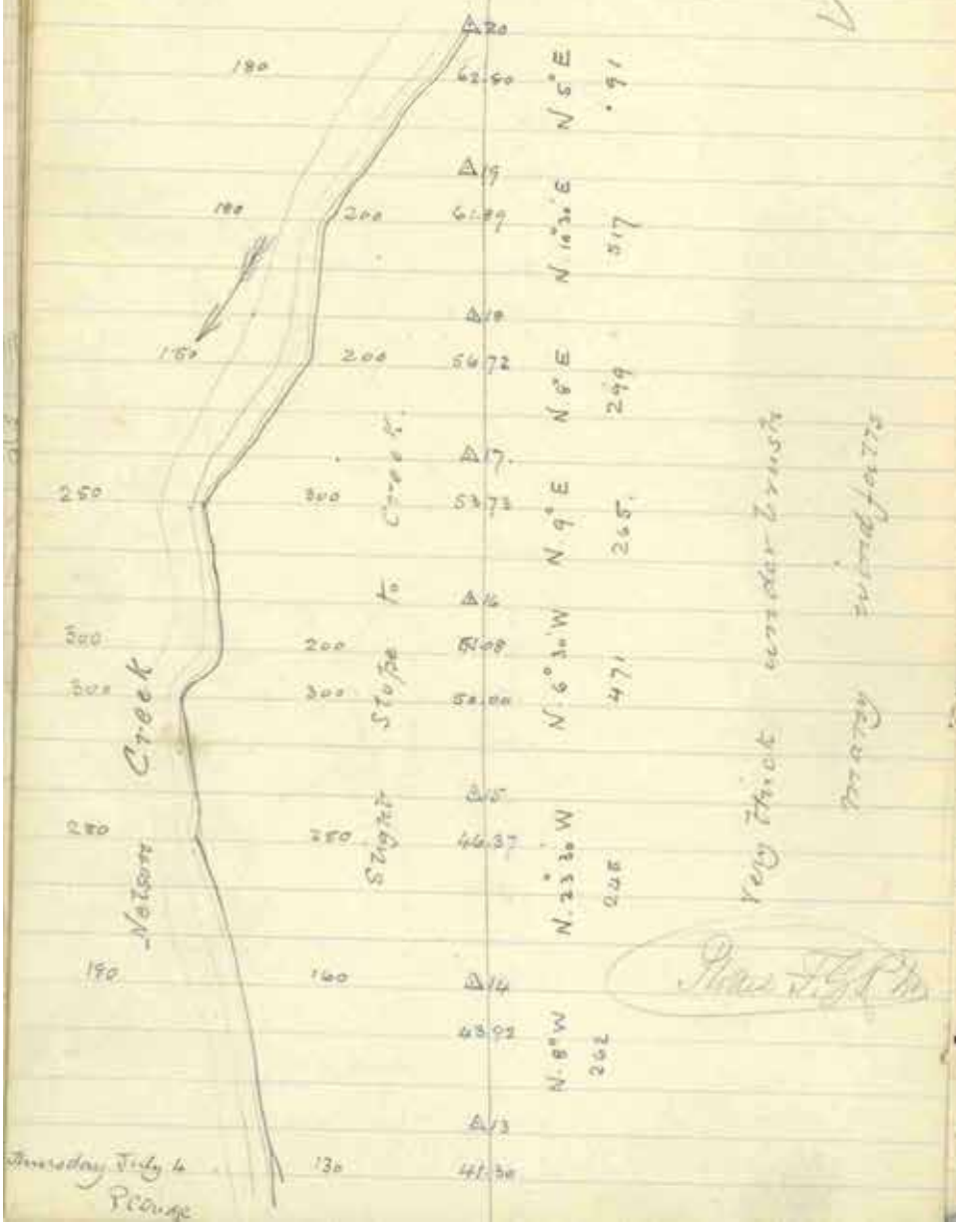
Starting Point

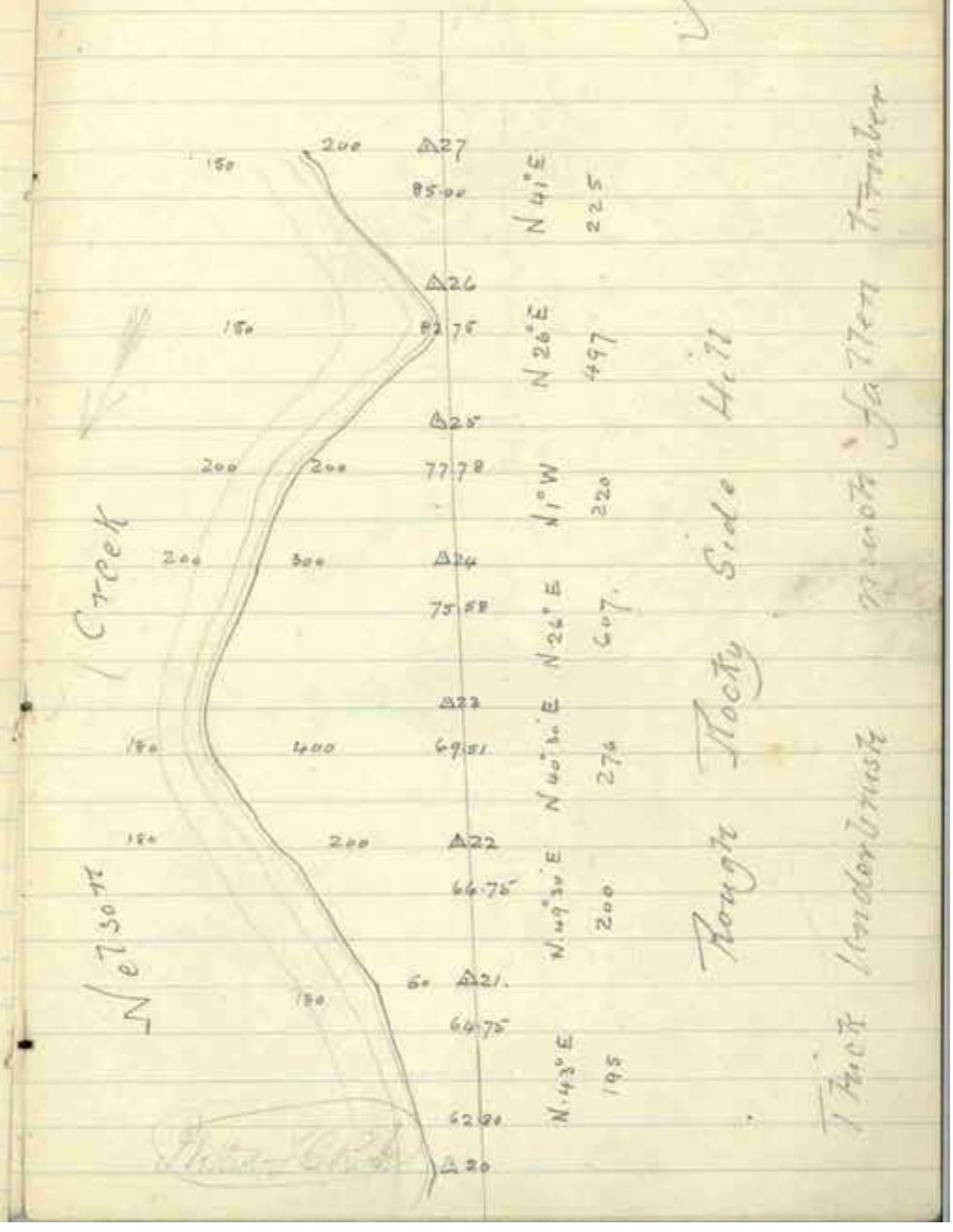
Tuesday Daily 2nd

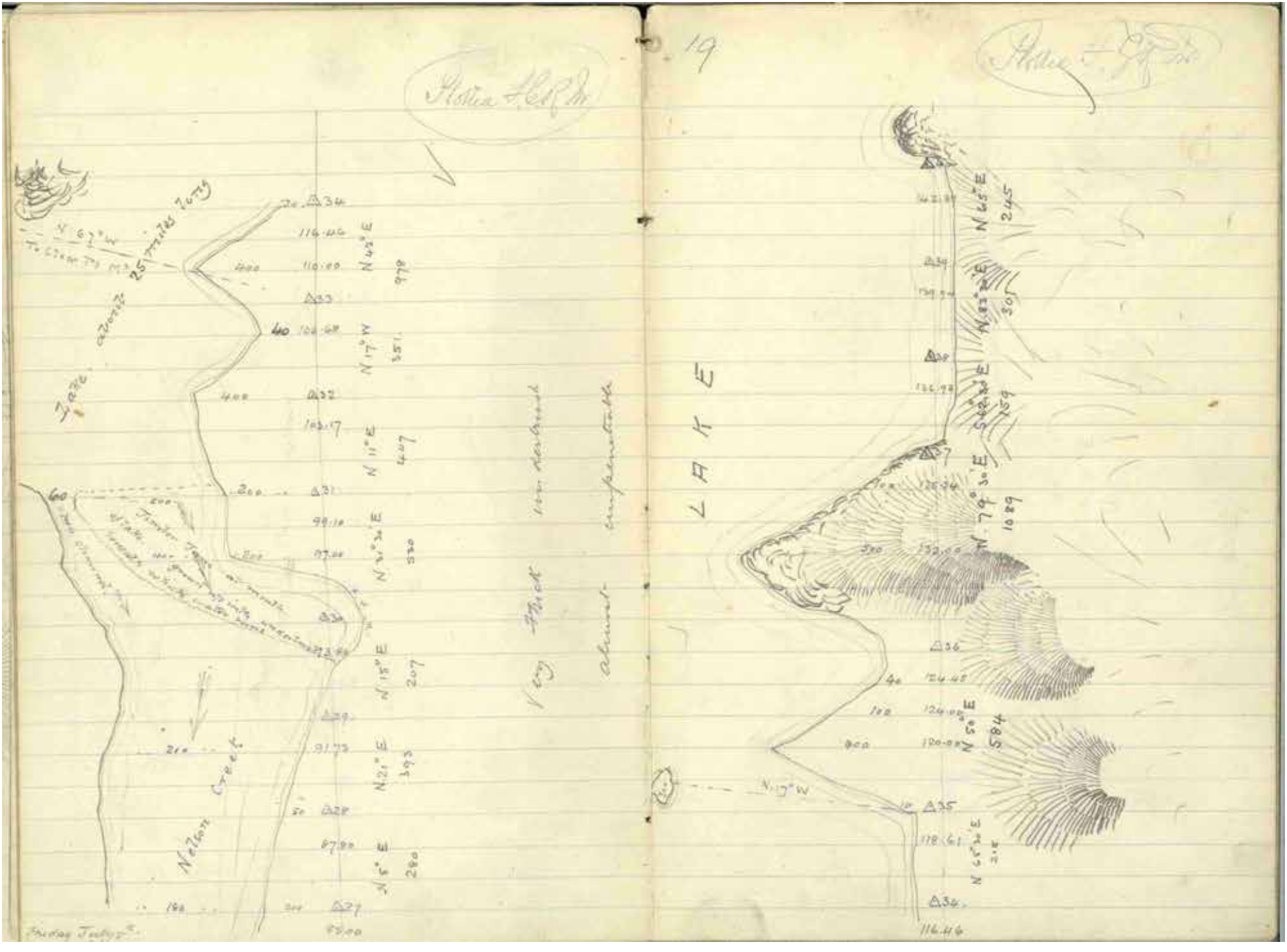

Rocky
Ledge
N. 41° 30' W
250
S 60° 00' W
707
N 22° 30' W
175
N 67° 30' W
102
N 74° 30' W
238
N 71° W
N 40° W
N 18° W
N 30° W
Rocky Ledge

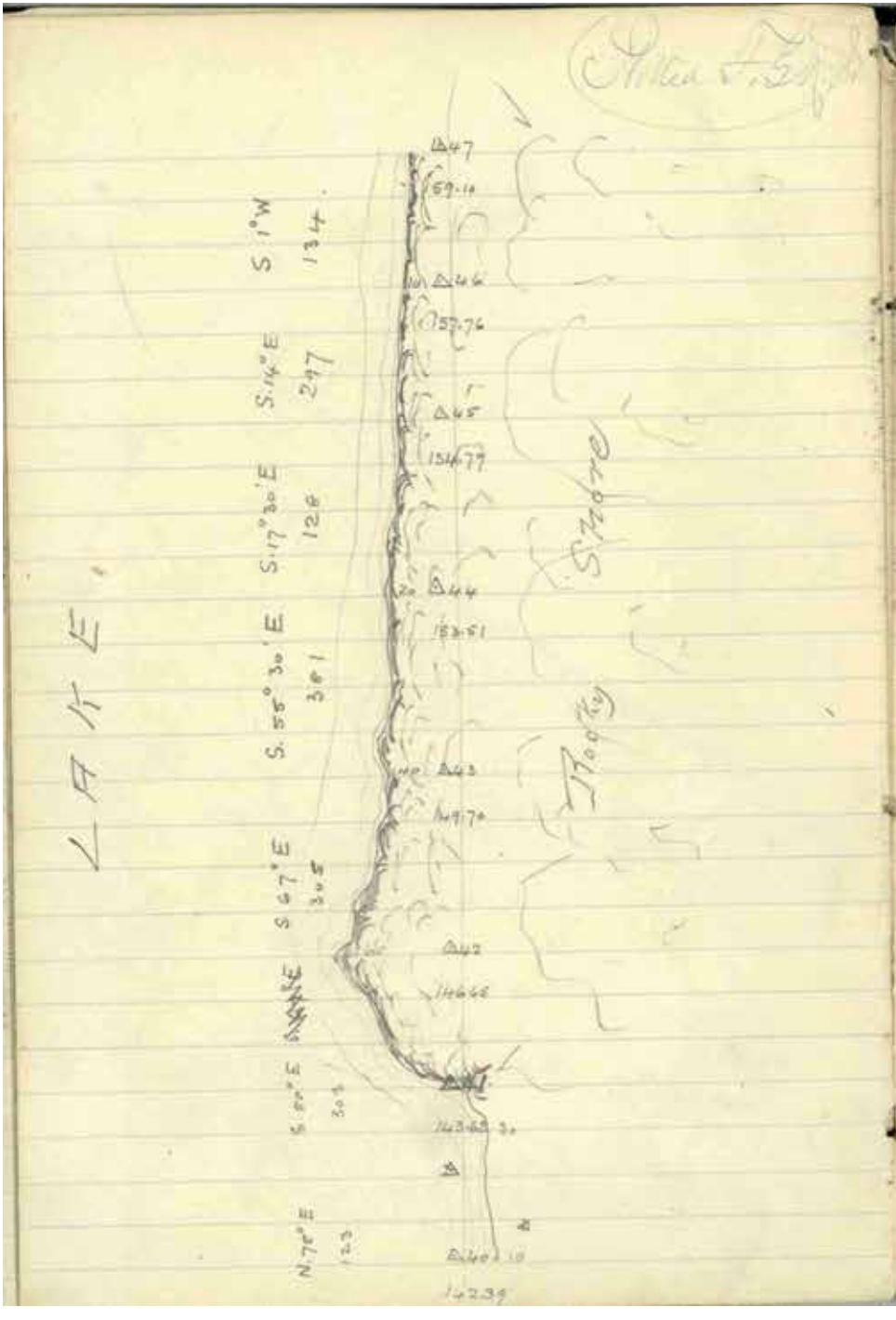

Indian Village
Indian Church
Creek
Alder Tree Marked
Alder Trees Marked C.
Rivulet
N. 60° W 749
S. 73° W 825
N. 65° W 916
N. 61° 30' W 2342
N. 60° 15' W 1072
N. 7° W 3933
N. 58° 15' W 781
S. 59° 30' W 1165
N. 49° 30' W 300

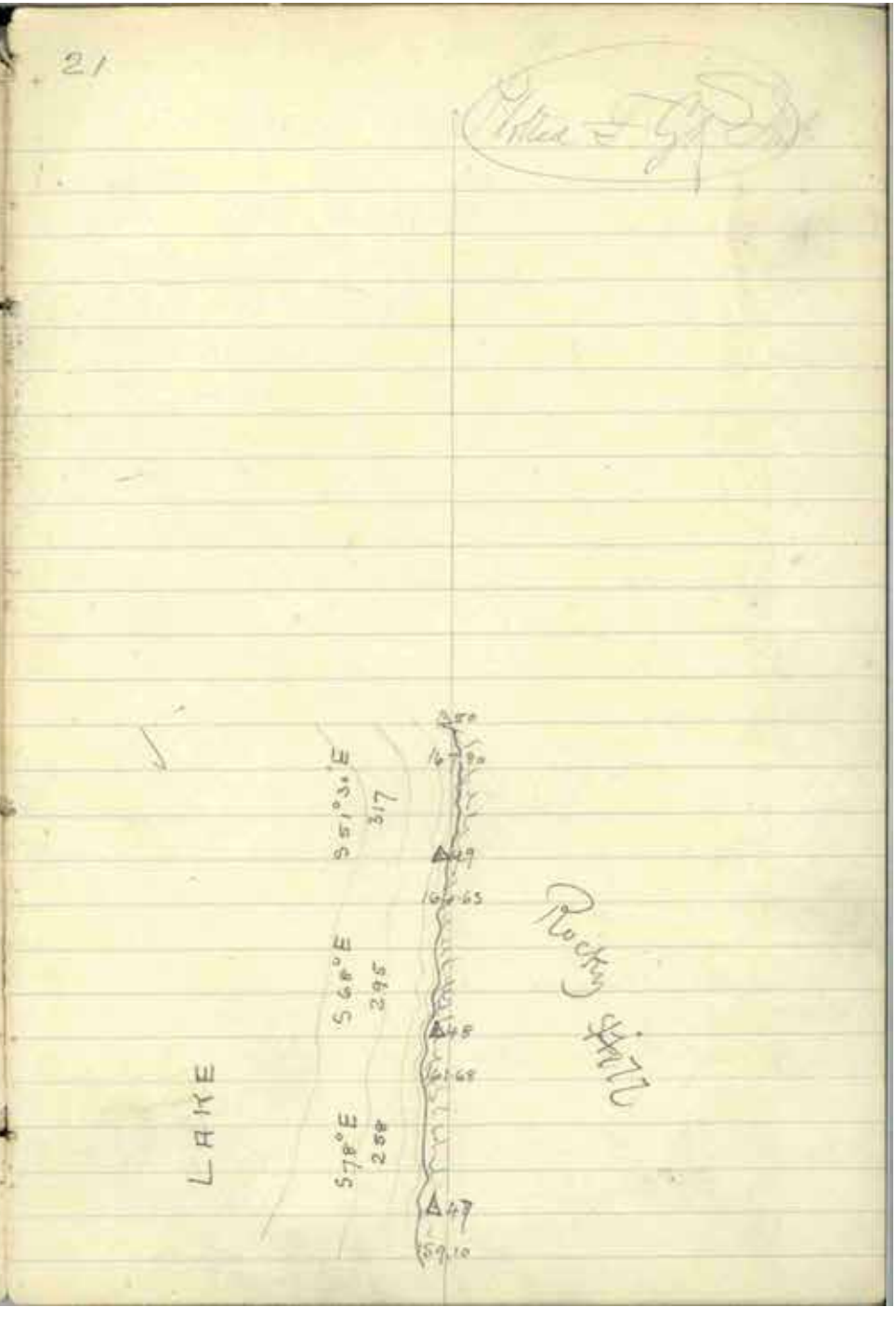
Continuation of Traverse up Nelson Creek






LAKE
Creek
N 65° E
245
N 83° E
305
S 82° E
159
N 79° 30' E
1089
N 3° E
584
N 45° E
N 17° W
551
N 11° E
407
N 3° E
530
N 15° E
207
N 21° E
395
N 3° E
280
N 17° W
N 45° E
978
N 67° W
25 77 1/2 76 79


LAKE
Stone
Rocky
S 1° W
134
S 14° E
247
S 17° 30' E
128
S 55° 30' E
381
S 67° E
305
N 74° E
123
Δ47
69.10
Δ46
152.76
Δ45
154.77
Δ44
183.51
Δ43
149.70
Δ42
146.46
Δ41
143.69
Δ40
142.39


LAKE
Rocky
S 51° 30' E
317
S 68° E
295
S 78° E
258
Δ49
160.63
Δ48
161.68
Δ47
159.10

Lot 450 Group 1. New Westminster District

Southern portion (page

Commencing at S.E. corner (about 2 miles and a half from Grief Point), run. N 30° E 82.00 chains Thence N 60° W. 160.00 chs, Thence N 30° E. 37.40 chs (?) to M.P. set on bank of lake. Thence following the shore of lake to head of a creek running from Lake Thence on left Bank of creek. to mouth. Thence following sea shore to point of commencement

Northern Portion (page

commence at a point (about 7 miles from Grief Point) run. N 30° E 90.00 chs. Thence S. 60° E 147.90 chs to M.Por right bank of creek Thence along right bank to mouth of creek Thence along sea shore to point of commencement

Magnetic Bearings

Southern Boundary of Lot 450 Group 1
New Westminster District
B.C. Survey Monday July 5th

From Tree Marked A (see page 7)

Then S. 30° W 200. Thence S. 60° E 200. At which point set post marking S.E. Corner Lot 450 Group 1 more or less

Fir 3'6 bears S. 15° E distant 8 links
Fir 4' bears N. 5° E distant 20 links

Then Then N 30° E 82.00

Magnetic N. 30° E.	
0	Corner post
6.50	Cone Tree cedar 3' dia
9.00	
	Tuesday 6th
18.00	
17.00	Cone Tree cedar 3' dia
19.50	Fir 4
11.50	" Fir 3
26.00	"
24.50	Large Tree Fir
30.00	
34.50	Fir Tree

Very Fine

N. 60° W

S. 30° W
1.00°
1.50
2.00
2.50

N. 60° W

40.00
Thursday 11th July
42.50 Cedar 3'
Square
56 Cedar 4'
62.00 Spruce
Thursday 12
84.50 Fir Tree 6
91.00 Cedar
100.00 Fir
60.00 Cedar
62.50 " Fir
68.45 Fir 4'
70.00 enter green cedar swamp open
80.00 Trace Eastward enter open Timber
82.00 set N.E corner Lot 450 Group 1
From which 2' Cedar bears N. 15° W. distant 90 Lks
3' Cedar bears S. 30° W. distant 93 Lks

Then run: N. 60° W 160 chains

Open Timber

Eastern. Boundary. Lot 450 Group 1

N 60° W. From N E Corner. Lot 450 Group 1

1.90	Cedar 5'
2.40	" 6'
4.50	Hemlock 2'
7.80	Cedar 4'
10.00	Fir 5'
20.00	
.30	Cedar 4'
.60	" 2'
23.40	" 2'
25.50	Creek. 60 ft E Corner S 30° W
25.70	
26.45	Fir 3'
.75	Cedar 3'
27.70	Fir 3'
30.00	"
.40	Fir 4'
31.60	Cedar 4'
36.90	" 3'
37.35	" 3'
39.35	" 4'
40.20	
41.35	Hemlock 3'
42.10	Cedar 4'
44.80	Cedar 3'
50.00	

Filed F.B.P.

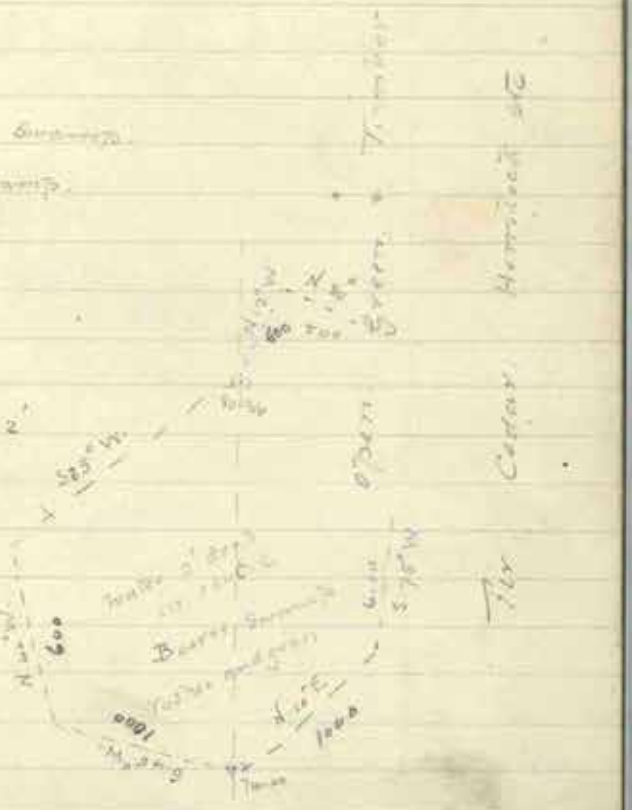
Monday 15th July 02.

N 60° W

56.25	Hemlock 2'
58.68	Fir 2'
60.70	
62.60	Cedar 2'
63.50	" 2'
64.40	Fir 2'
65.30	Cedar 3'
66.90	Cedar 2'
70.00	
74.00	Edge of Swamp.
80.30	Open Swamp.
89.00	Fir 2'
90.00	
91.90	Cedar 2'
95.85	" 3'
98.30	Hemlock 2'
104.00	

Filed F.B.P.

Tuesday 16th



Then Runs N 30° E

N. B.

Ground Beam Hills
S. 50 W.

Tuesday 16

110.00	
119.50	Cedar 3'
120.00	
122.37.	Cedar 3'
124.30	Fir 2'
128.00.	Enter dense growth of Hemlock
130.00	Fir 3'
132.70	Fir 3'
137.00	Leave dense undergrowth
140.00	H
147.05	Hemlock 1'
148.00	Fir 3'
150.50	Cedar 1'
154.80.	Cedar 2'
160.00	Set post at change in direction of line

marked I. 950 S. 1 - 1
160.00 Blazed - 2
Timber Corner - 3

from which
Spruce 3' dia
distant 19 lks Beam N 25° W

Then runs N 30° E to Lake

N. 30° E

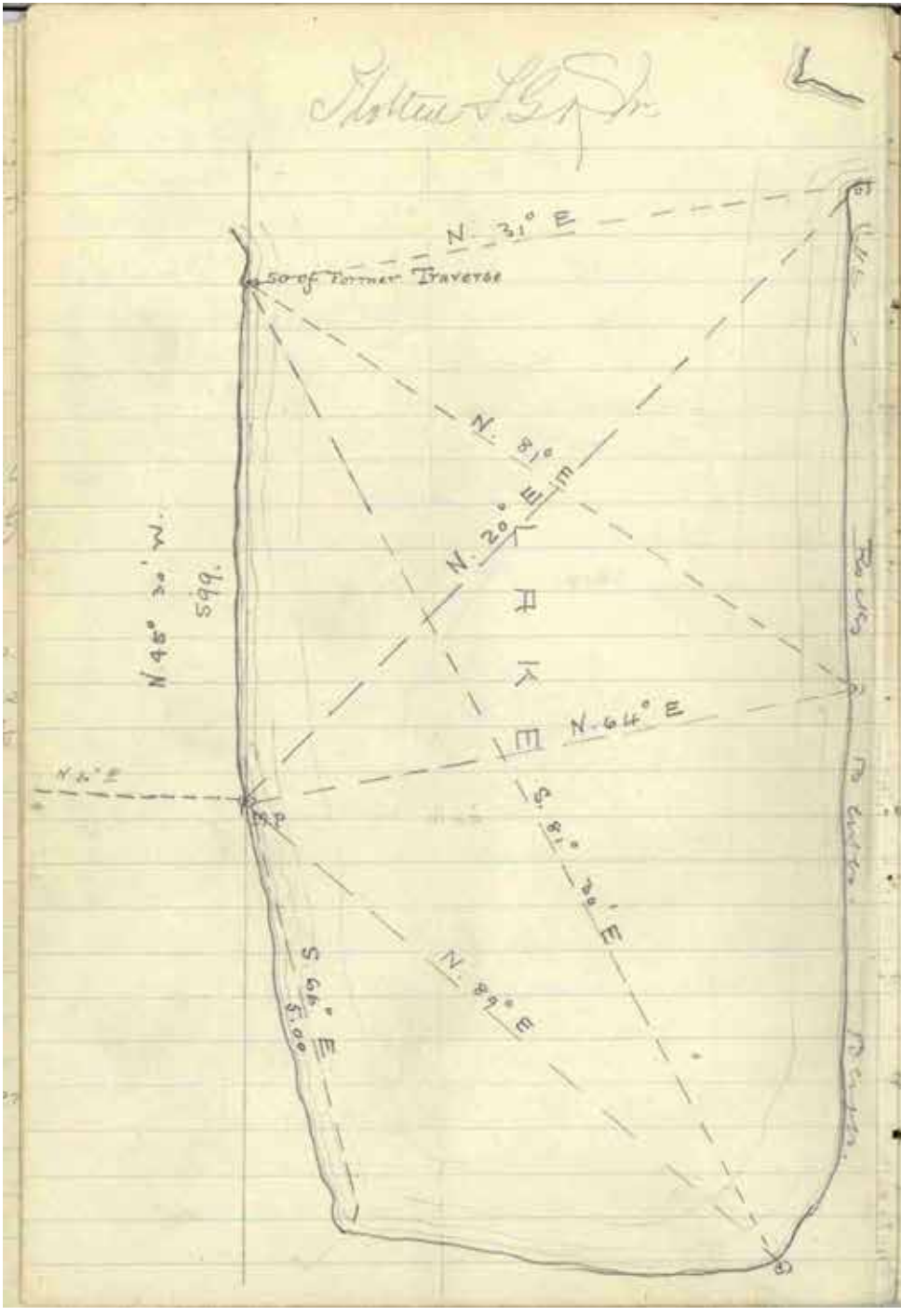
0	Post at change in direction of line
1.00	Cross narrow strip wooded Ridge
7.00	Summit - about 40 feet above lake
14.00	Edge of Swamp - Cedar axes 4.0
By calculation 37.90	M.P. on shore of Lake Alder Tree 4" dia Set M.P. on

There will be probably a
Sur. error in closing on M.P.
as traverse line is log
and ground rough

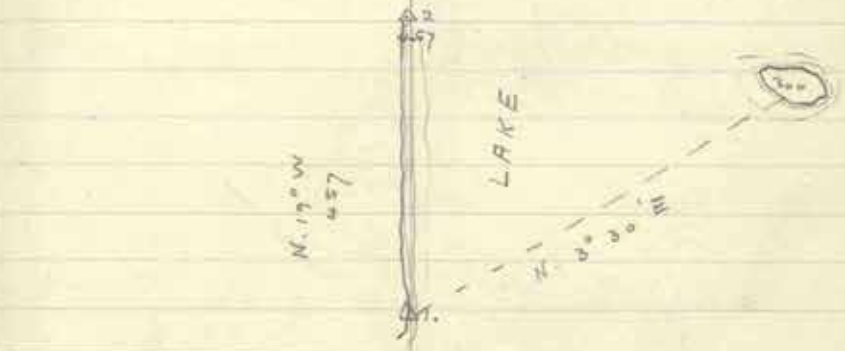


The ground from 76.00 to Lake very rough and steep I did not consider it advisable to traverse it as it could not be done with any degree of accuracy; but could be got by calculation. The line is cut out and staked

Steep Side Hill from 47.00 to Lake Very rough. Thick undergrowth Rocky

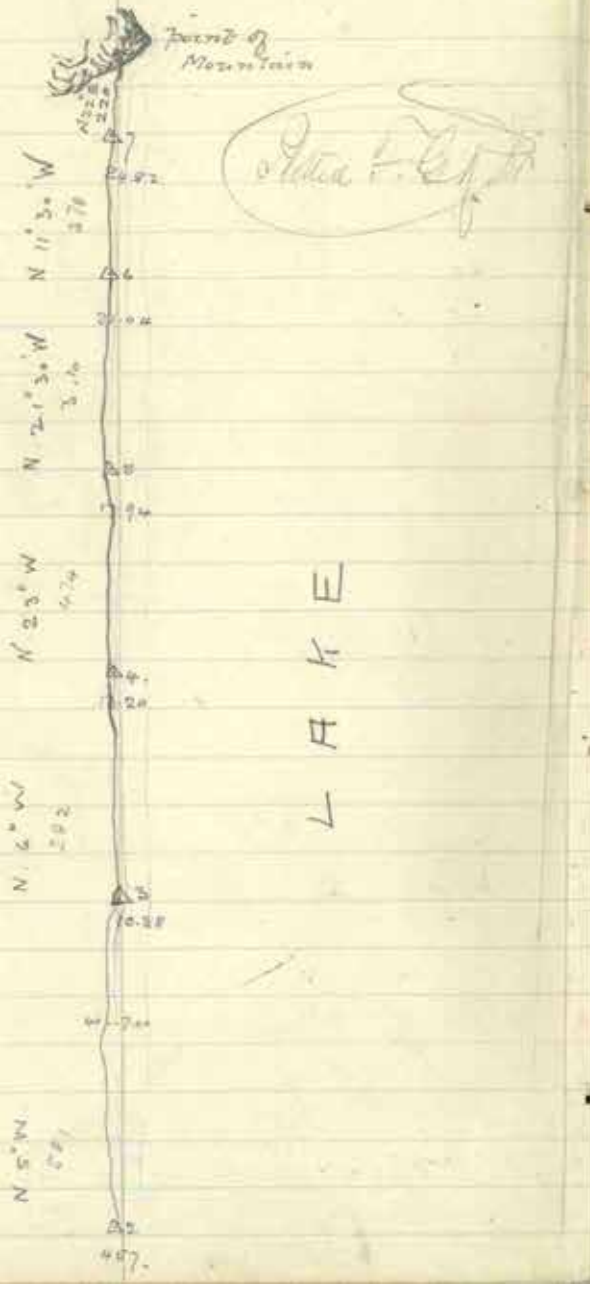


Traverse from △33 across Lake.



Then Traverse up shore of lake





Northern Boundary of Lot 50 (Group 3)

New Westminster District

Commencing at Three Hundred (marked C.) (see page 15).

Thence North 80 chains to Hemlock Stump & Spruce

Thence East 80 chains to Hemlock Stump & Spruce

Thence South 80 chains to Hemlock Stump & Spruce

Thence West 80 chains to the point of commencement.

Hemlock (S.) distant 12 Links Bears N. 90° E.

Stump Fir (S.) x 5 Links Bears N-S W.

Stump Fir (S.) x 5 Links Bears N 30° E 90 Chains

N 50° E	
0.00	S.W. corner 2.98 G.I.
3.00	Hemlock
5.50	Alder 2'
11.00	Fir 6'
18.25	Cedar x'
19.50	Cedar x'
28.00	
30.50	Cedar x'
30.00	⊥
34.50	Cedar x'
39.00	" 4'
39.50	" 3'
40.00	
40.50	Cedar x'

Traverse 28 Ridge

N 2° E

45.40	Cedar 2'
46.40	Cedar 5'
47.40	Cedar 2'
50.00	
59.00	Cedar 3'
62.00	
64.50	Cedar 4'
70.40	Earth green Hemlock
76.35	Cedar 4'
80.00	
86.80	Hemlock 2'
87.40	Cedar 2'
88.60	Leaning Cedar 3'
90.00	90 foot mark. N.W. Corner I 12 450 G.1.
	From which Cedar 2' Beam N. 42° W dist 66.0 ft
	Leaning Cedar 3' " S. 10° E " 116 "
	Cedar 3'6" Beam N. 40° E " 51 "

Thick undergrowth

Hemlock etc

Then runs S. 60° E

65

S. 60° E

1.00	N.W. Corner I 90 G.1
2.00	Fir 2'
2.50	Hemlock 2'
5.00	Cedar & Hemlock 1'2 S 30° E 2.00 Hem S 45° W
7.00	
10.00	
12.50	Cedar 3'
20.00	
26.00	Hemlock 3'
27.80	" " 1'
29.90	Cedar 10 cm
30.00	
36.10	Fir 3'
37.50	Cedar 3'
38.70	Cedar 6'
40.00	
41.20	Cedar 3'
45.90	" 1'
47.90	" 6'
50.00	
60.00	Cedar 4'
63.80	Hemlock 1'
63.90	Cedar 3'
69.90	Cedar 4'
70.00	

Dry Cedar

Hemlock

N 60° E	
74.72	Fir 3'
84.00	
96.00	Hemlock 1'
98.00	
99.50	Fir 4'
99.80	Fir 5'
96.20	Hemlock 2'
100.00	Birch Hemlock Stump Above from Trunk
100.50	Hemlock 2'
102.00	
103.50	Fir 4'
104.50	Cedar 3'
105.60	Fir 4'
107.60	Cedar 4'
110.00	
111.20	Cedar 1'
116.20	Cedar 2'
120.00	
123.60	Fir 2'
130.00	
134.70	Fir 4'
140.00	
142.50	Top of Gravel Bank To Creek
147.10	Set N. T. on Alder 4" dia
147.90	H.W.M. Pocksquit Creek

Hemlock Stump

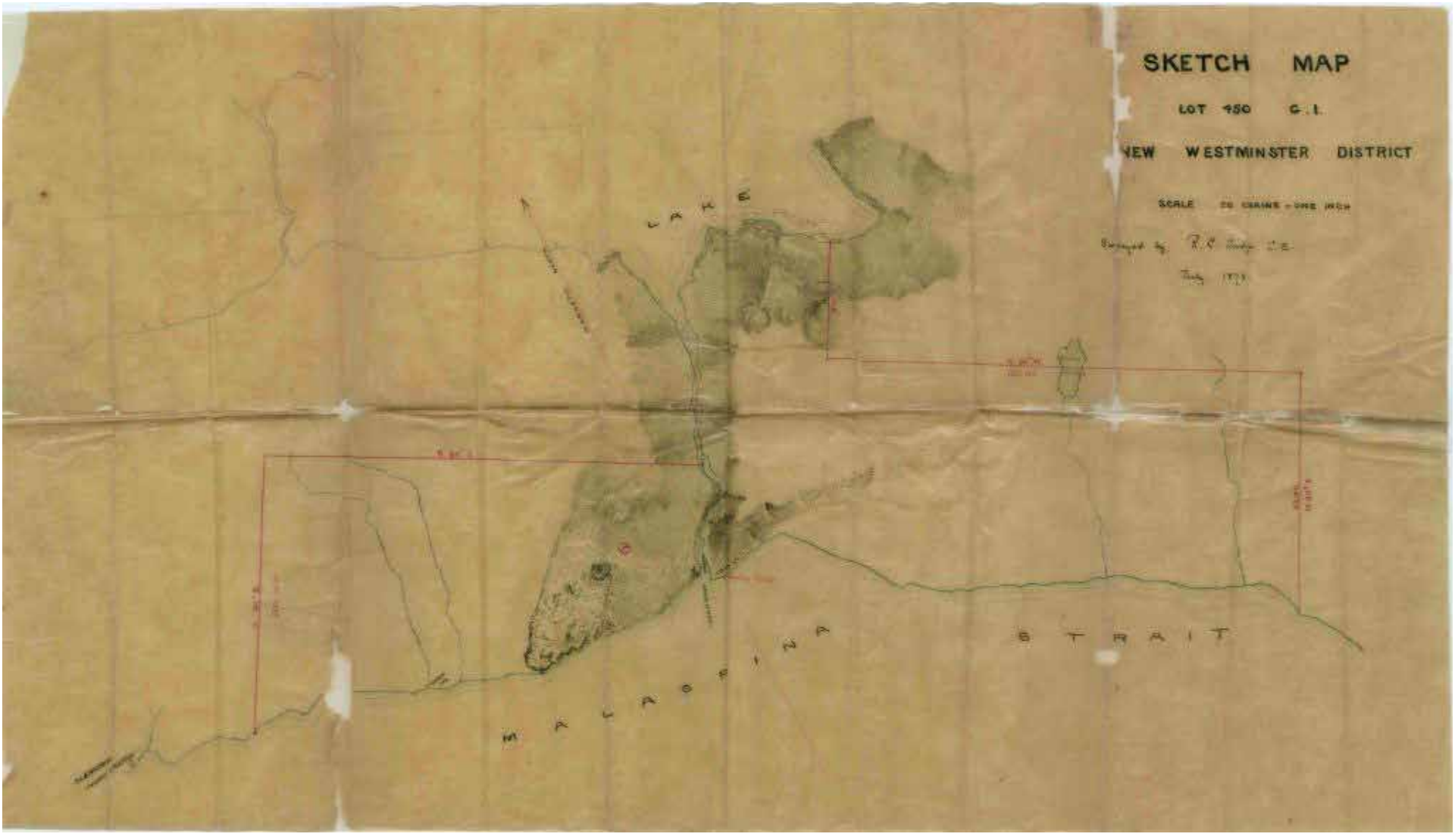
Cedar Hemlock

Fallen Fir 3'

I hereby certify that I have platted the notes contained in the book and find them to close well.

F. Elphinstone Surv

5/1925


SKETCH MAP
LOT 450 G.I.
NEW WESTMINSTER DISTRICT
SCALE 20 CHAINS = ONE INCH
LAKE
MALASPINA
STRAIT

bc Land
Title & Survey

This material is owned by the Land Title and Survey Authority of British Columbia (LTSA). The manuscript copy of this digital image is in the possession of the Surveyor General Division, LTSA.

Any reproduction of this material must credit the Land Title and Survey Authority of British Columbia as the source for this surveyor's field book.

Provincial Survey Field Books

Field books contain the notes, drawings, star observations and calculations recorded by surveyors while conducting legal surveys of land within British Columbia.

The provincial survey field book record series dates from at least 1854 to 1987. Many field books contain pencil and/or colour sketches with oversize plans folded into the back of the book. From about 1963, field books sometimes include a negative of the official plan. By the 1970s, the negative is often the only document within the field book.

Some field books are marked "Original" or "Duplicate" on their cover. Original field books contain the notes, drawings, star observations and calculations that the surveyor or survey team made, often in pencil, while working in the field, in the course of the survey. Field books marked "Duplicate" contain a neatly copied transcription, often in pen, transcribed from the original survey notes, after the surveyor had completed work in the field. In some instances both the "Original" and "Duplicate" copies were filed with the Surveyor General's Office, though most often only the "Duplicate".

From at least 1887 until 1987, the Surveyor General's Office assigned a sequential, province-wide number to each field book beginning again each year with the number one. Field books were recorded in the Field Book Register in approximate order of receipt. The field book number with the year of receipt appended (sometimes the last two digits only) is recorded on the field book's front cover (in this case, 19/1878), as is the land district name (e.g., New Westminster Land District, Group 1).

Most field books are stored first by land district, then in sequentially numbered "Pigeon Holes", then by field book number. The year provides reference information only. Some subseries exist that group field books by trail, coal claim, timber lease, Indian Reserve, or railway company name. The field books within each category and land district have been assigned a unique number within the historic records inventory. This field book is part of inventory number LTSA5187.

The Pigeon Hole (PH) storage system predates 1908. Occasionally, a PH number is continued in a second tank and given an "A" suffix. The PH number is marked on the front cover of the field book, in the top left-hand corner (in this case, PH 2).

Field books relate to different types of surveys: Primary Survey (PS), Mineral Claim (MC), Timber Lease (TL), Indian Reserve (IR), Traverse (TR), Esquimalt and Nanaimo Railway (EN), Canadian Pacific Railway (CP), etc. The code for field book type is included in the unique LTSA Field Book ID: PS-FB2479.

This field book is inventoried as:

Field Book Inventory Number: LTSA5187_SG_PH002_FB0019_1878_orig
LTSA Field Book ID: PS-FB2479