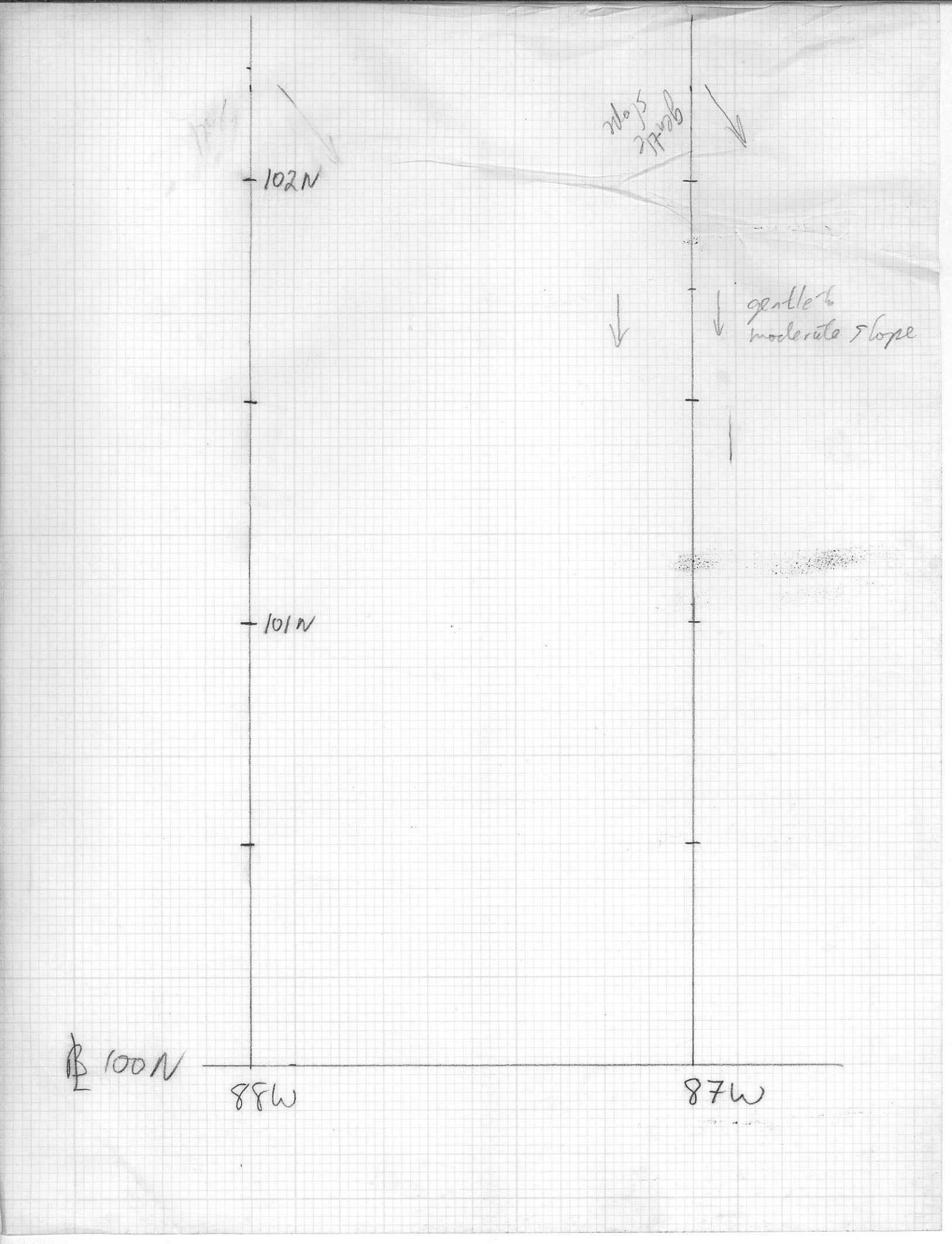
Mine Grid

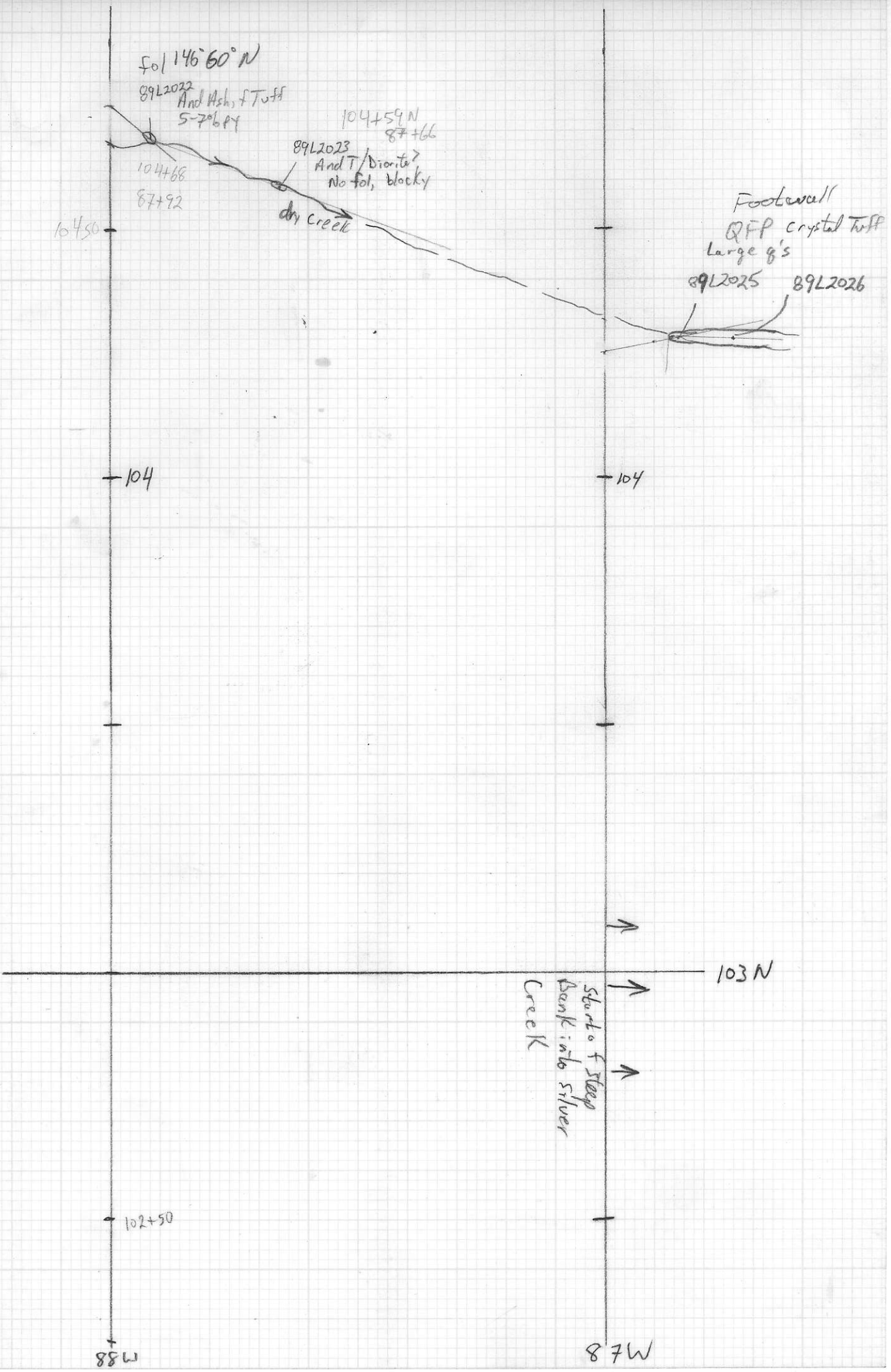
827516

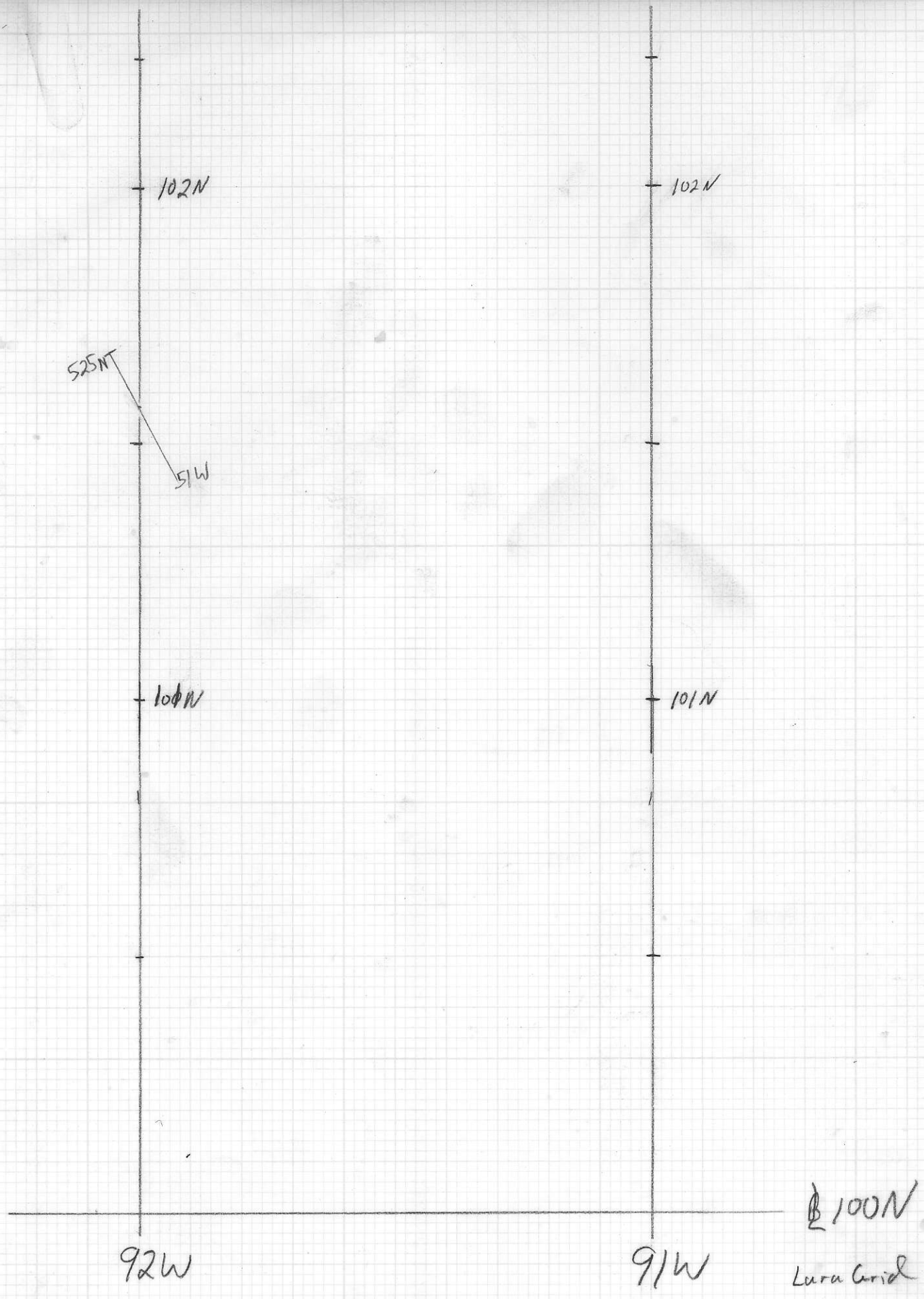
Field Mapping Sheets

Lara Mine Grid

1989 92B/13


102N
101N
100N
88W
87W
gentle to moderate slope


fol 146°60°N
89L2022
And Ash, f Tuff
5-7% py
104+59N
87+66
89L2023
And T/Diorite?
No fol, blocky
104+66
87+92
dry Creek
Footwall
QFP crystal Tuff
Large q's
89L2025
89L2026
10450
104
104
103N
Start of steep
Bank into river
Creek
102+50
88W
87W



Lura Grid

June 26

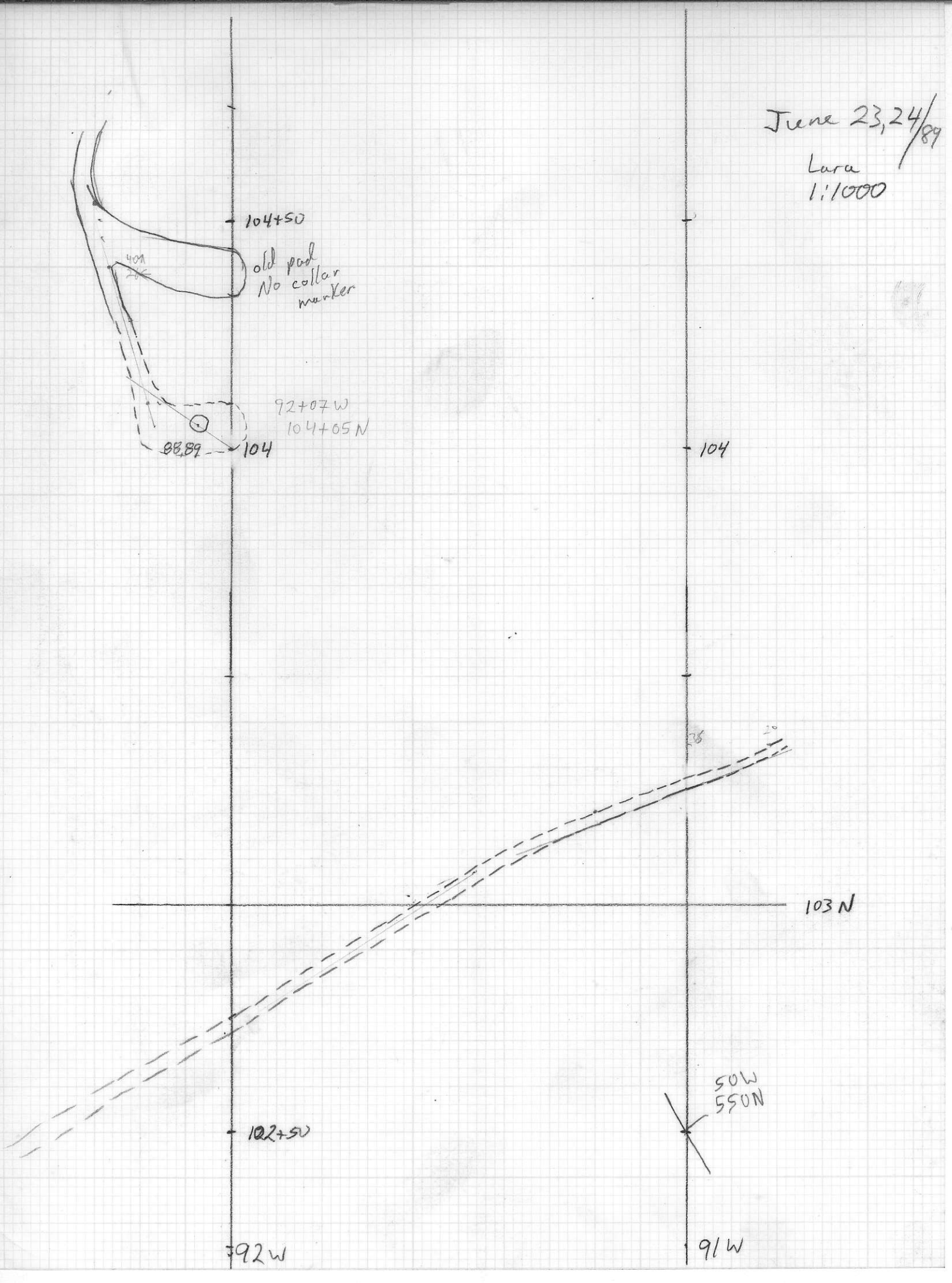
1:1000

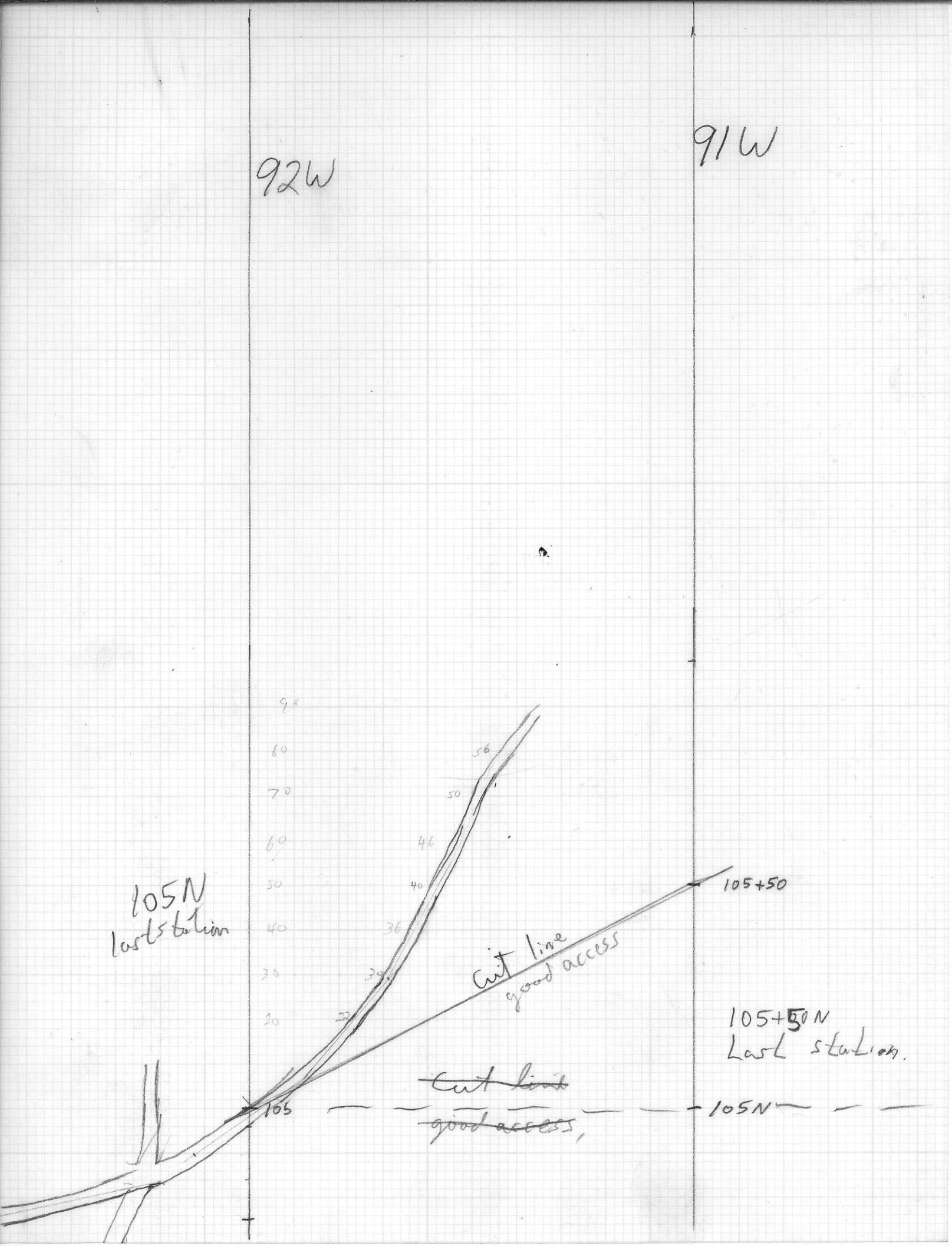
P.T.B

June 23, 24/89

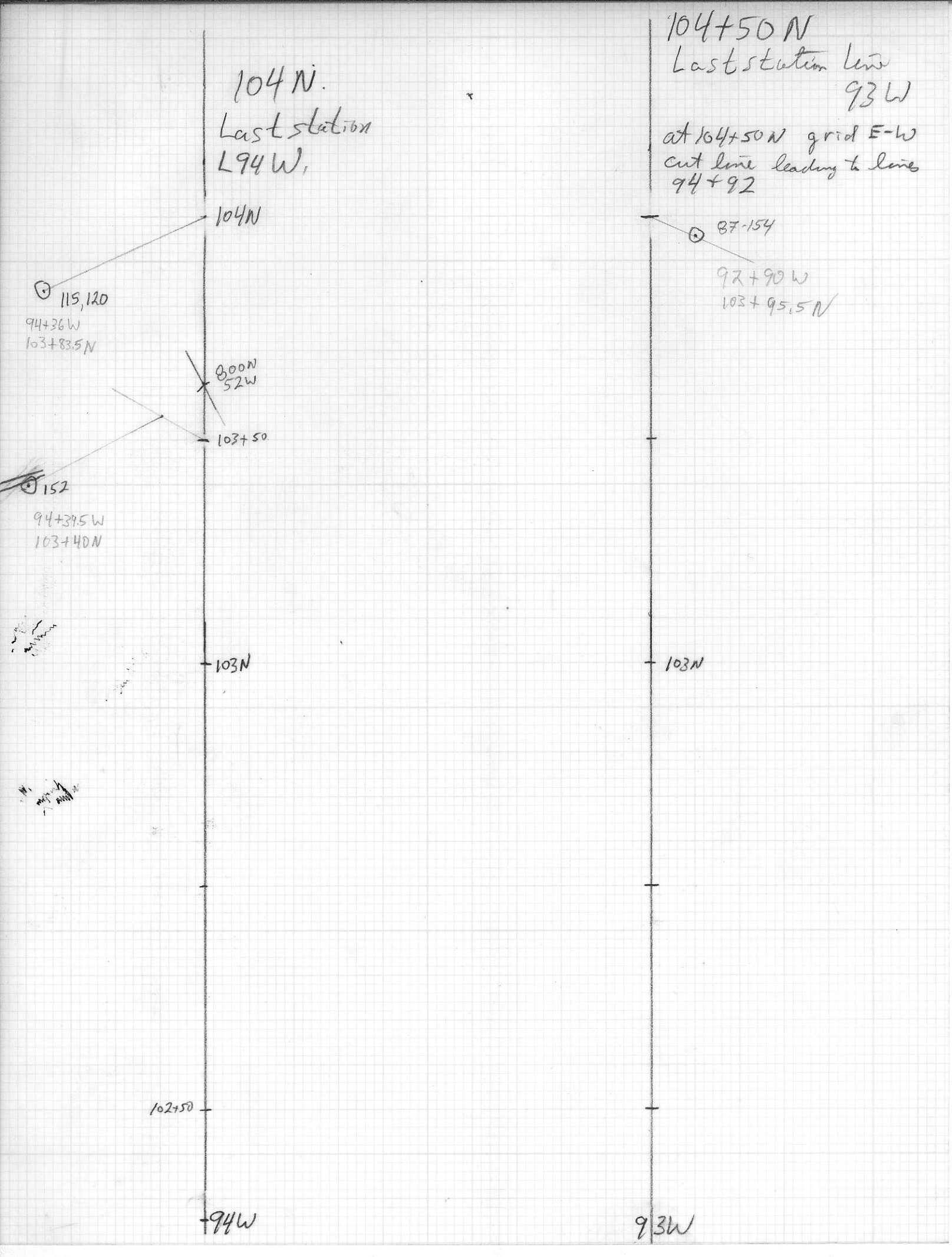
Lara

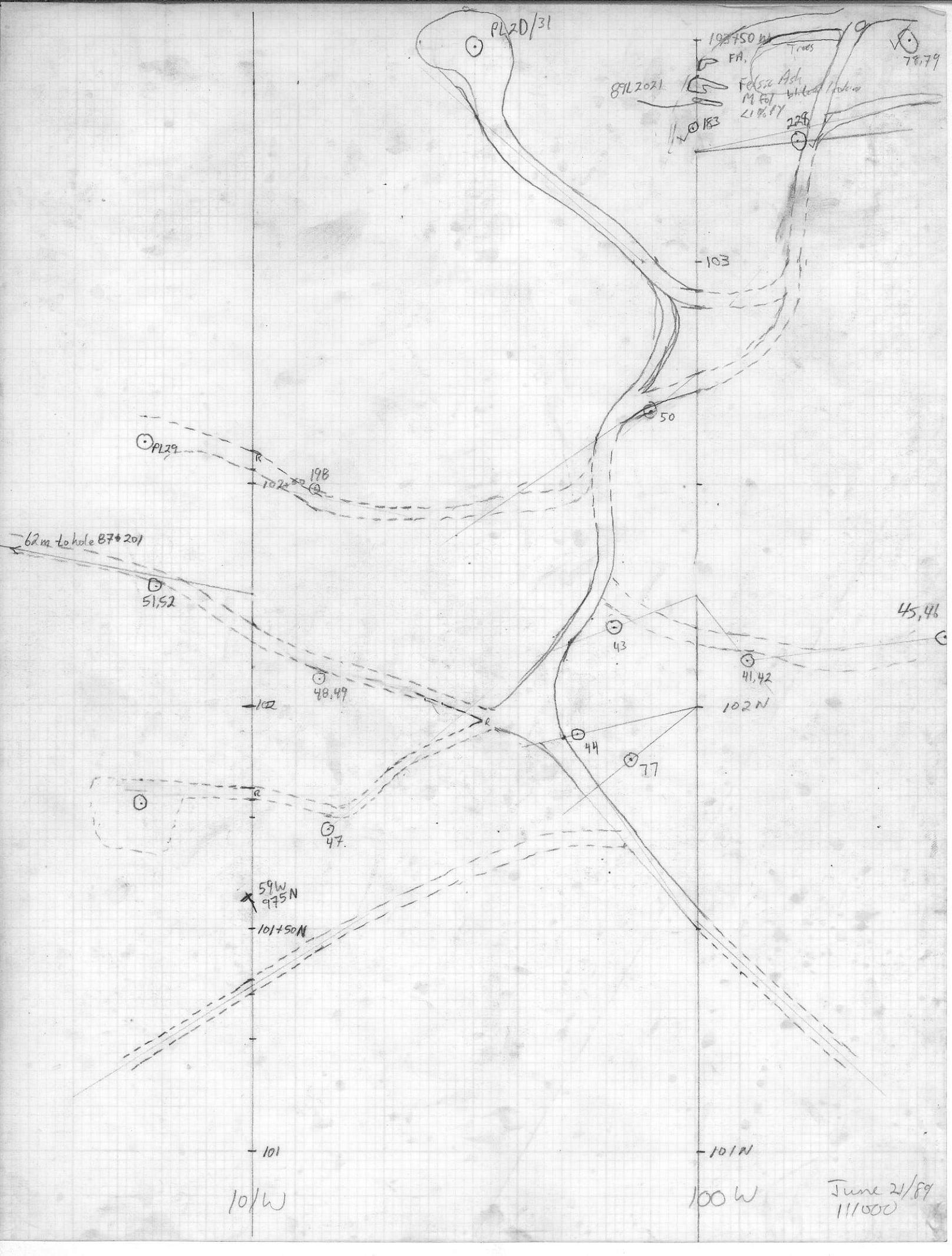
1:1000

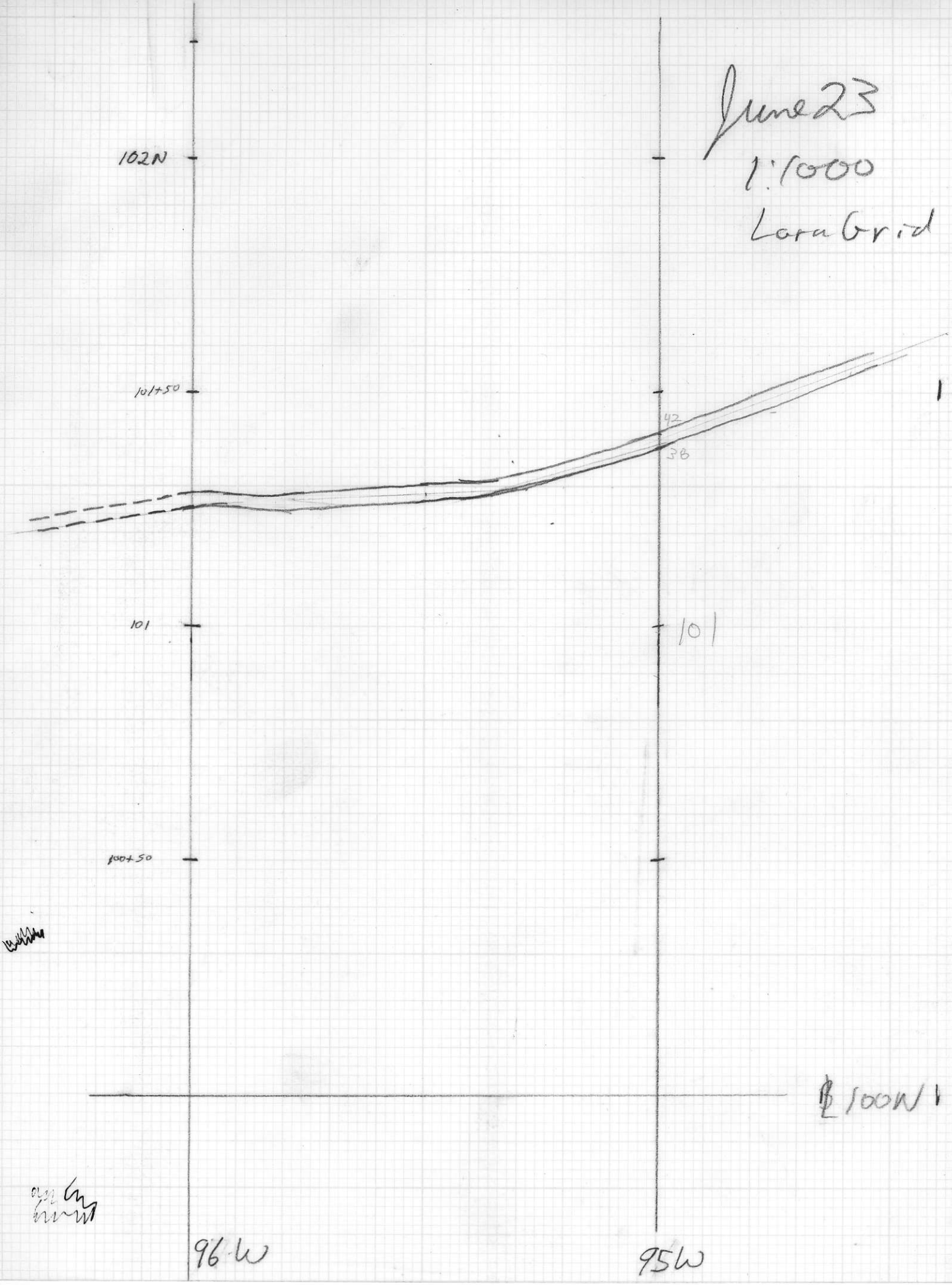


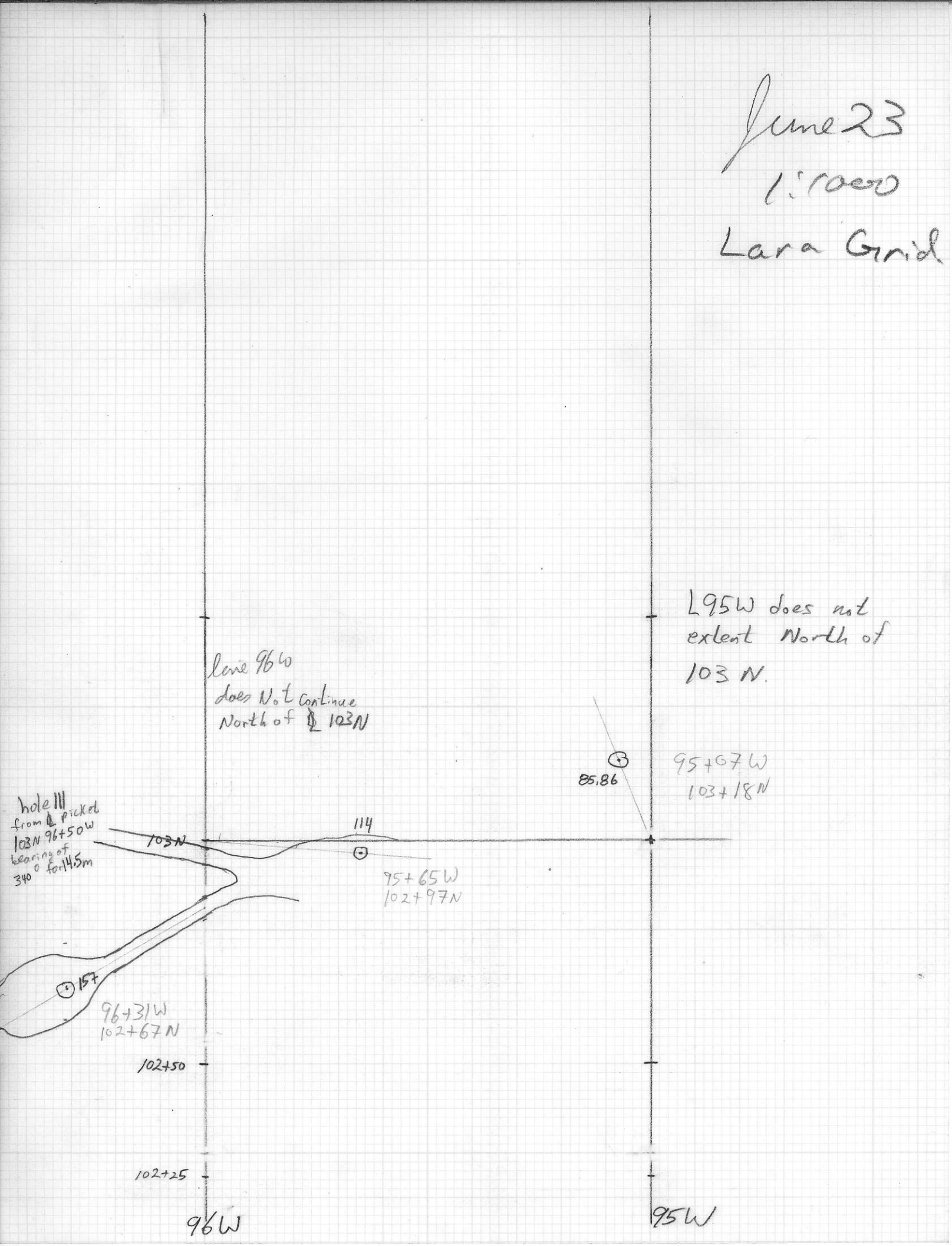

92W
91W
105N
last station
105+50
cut line
good access
105+50N
Last station.
~~cut line~~
~~good access~~
105
105N

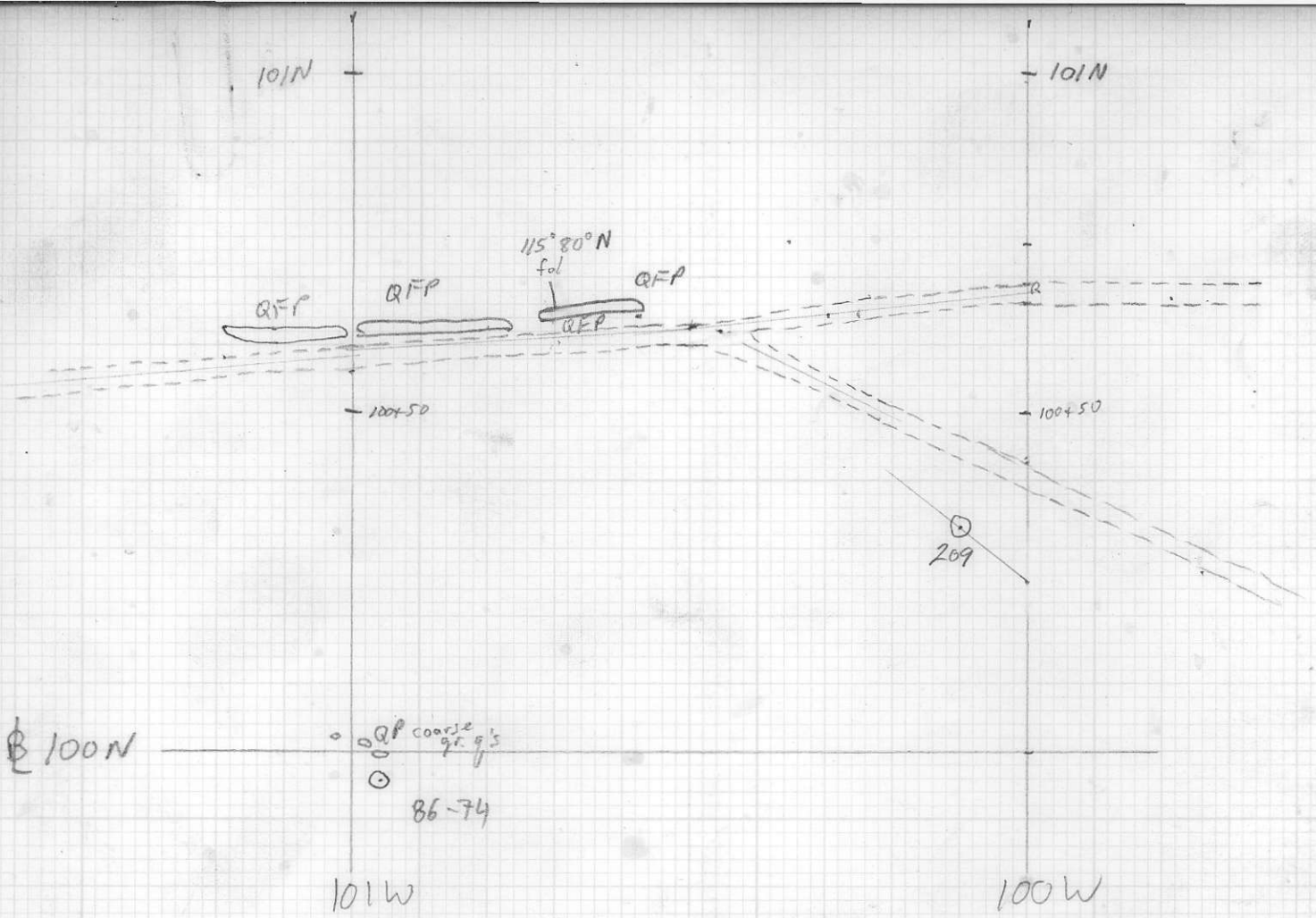
June 23
1:1000
Lara Grid


104N.
Last station
L94W.
104N
115, 120
94+36W
103+83.5N
800N
52W
103+50
152
94+39.5W
103+40N
103N
102+50
94W
104+50N
Last station line
93W
at 104+50N grid E-W
cut line leading to line
94+92
87-154
92+90W
103+95.5N
103N
93W

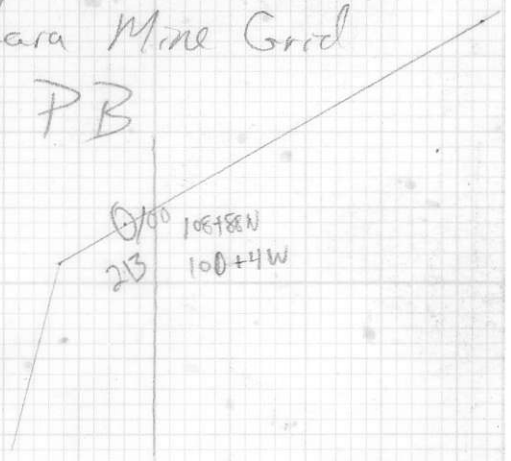

PL2D/31
103+50 W
FA.
Trees
78,79
89L2021
Felsic Ash
M fol
<1% PY
183
228
103
50
PL29
198
102+50
62m to hole 87+201
51,52
45,46
43
41,42
48,49
102
102N
44
77
47
59W
975N
101+50N
101
101N
101W
100W
June 21/89
111000

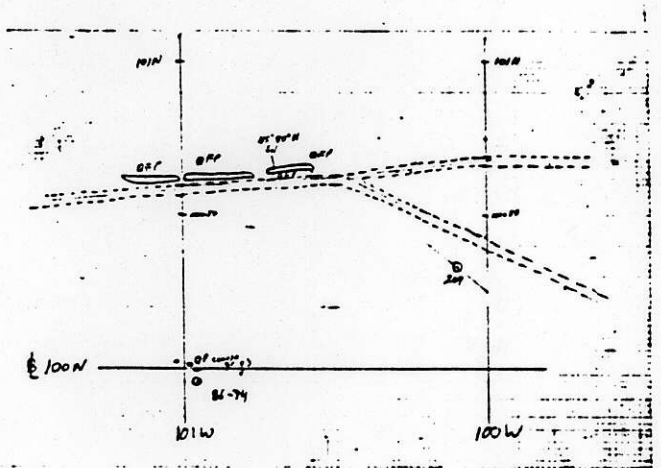

June 23
1:1000
Lara Grid
102N
101+50
101
100+50
42
38
101
1
96W
95W


June 23
1:1000
Lara Grid
L95W does not extent North of 103 N.
line 96W does not continue North of ℄ 103N
85,86
95+07W
103+18N
hole 111 picked from ℄ 103N 96+50W bearing of 340° for 14.5m
103N
114
95+65W
102+97N
157
96+31W
102+67N
102+50
102+25
96W
95W

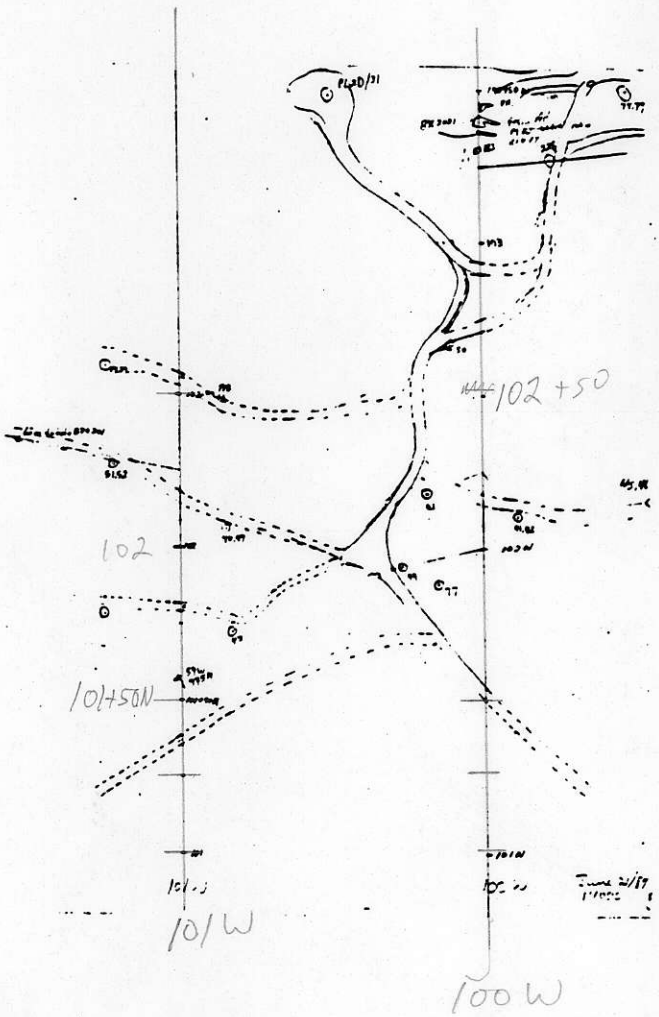


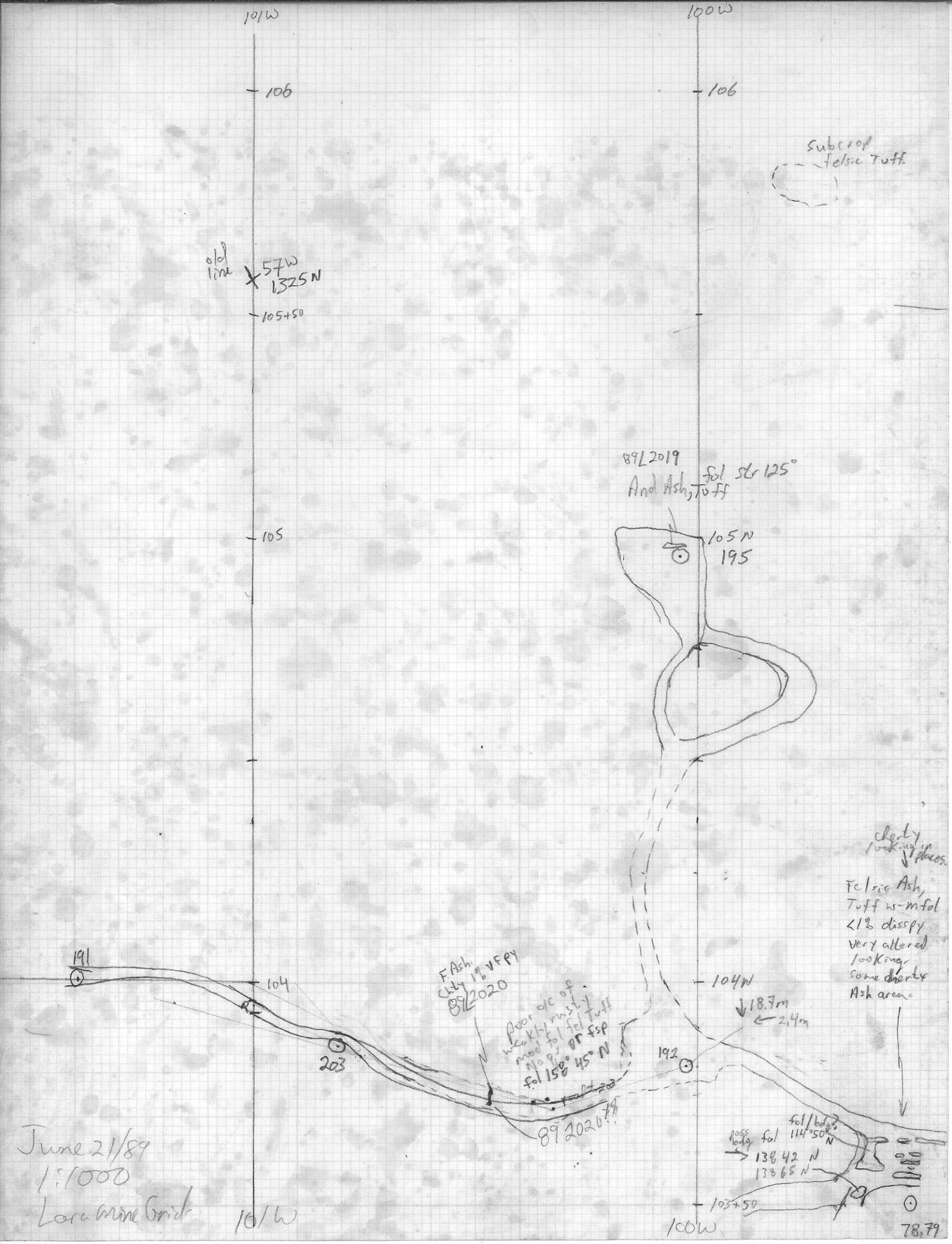
June 21/89
1:1000
Lara Mine Grid
PB

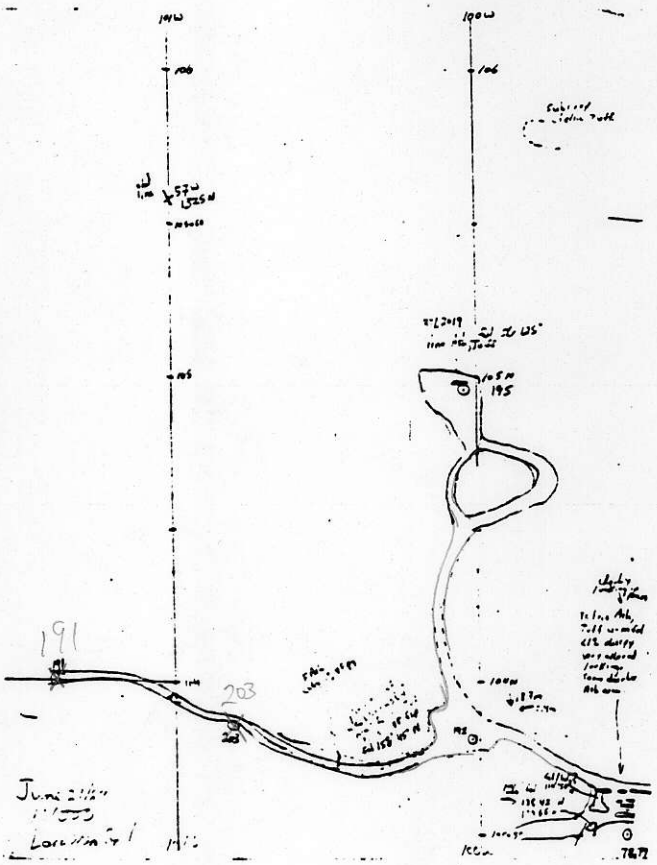


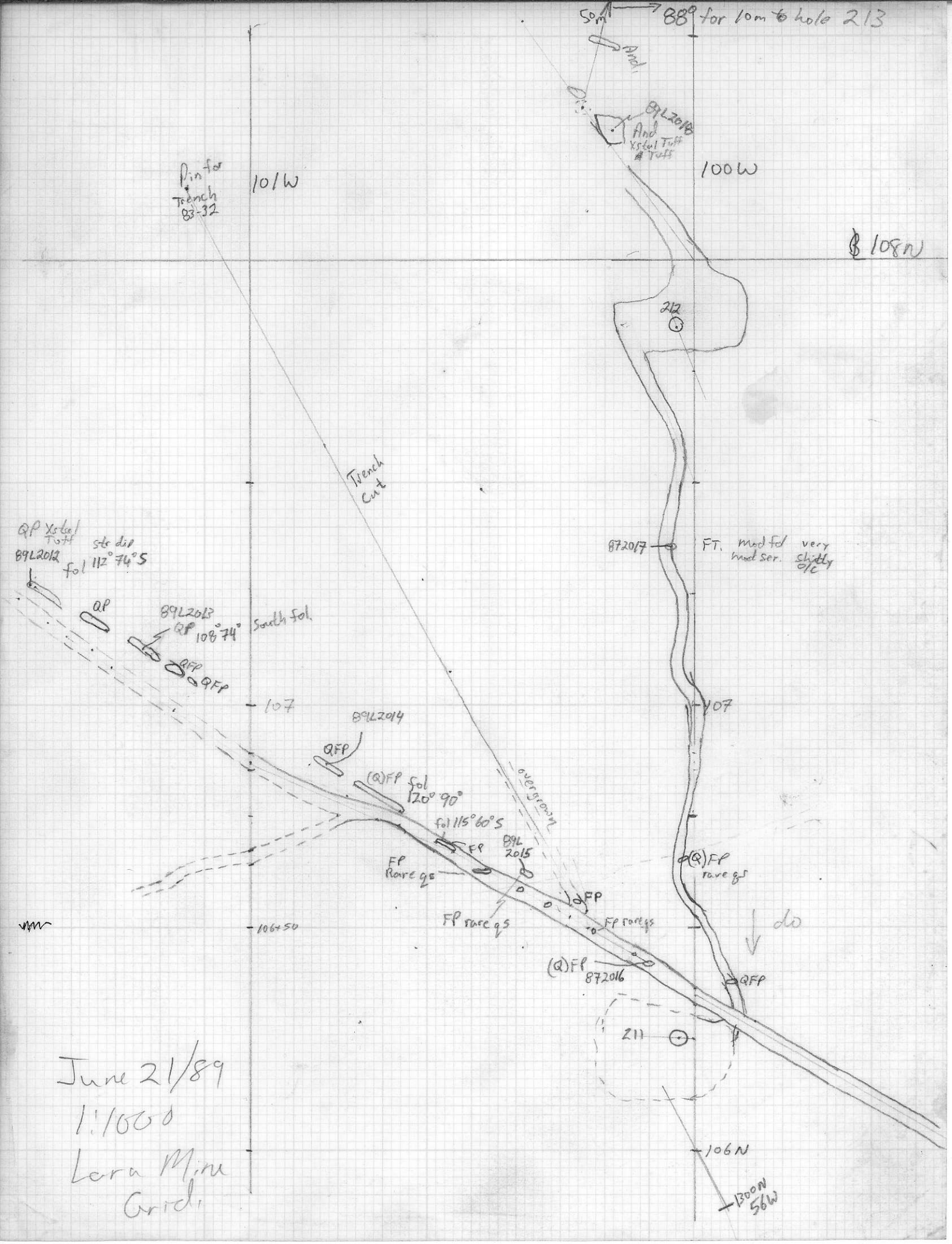


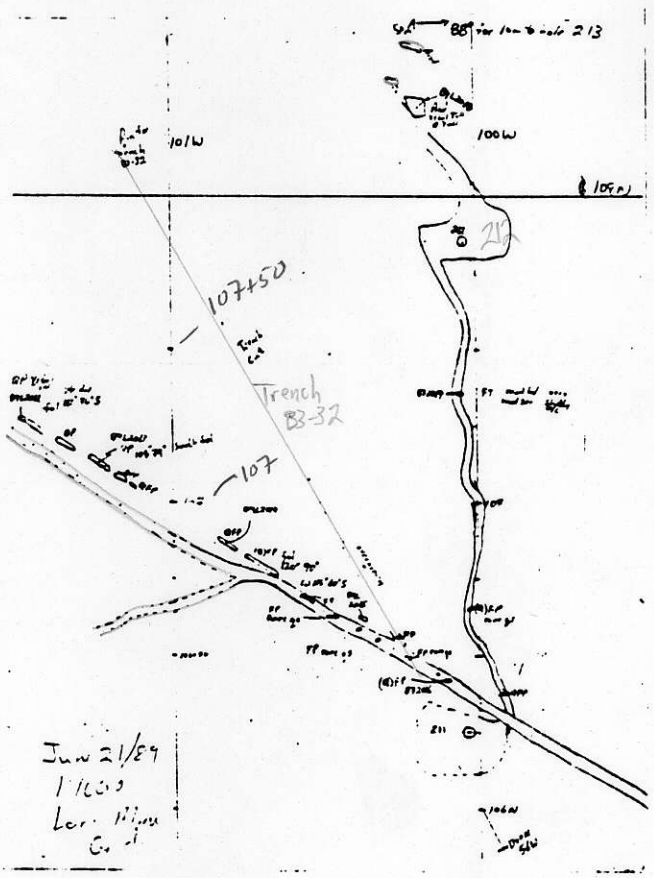
June 21/57
1:1000
Lava Mine Grid
PB


102+50
102
101+50N
101W
100W

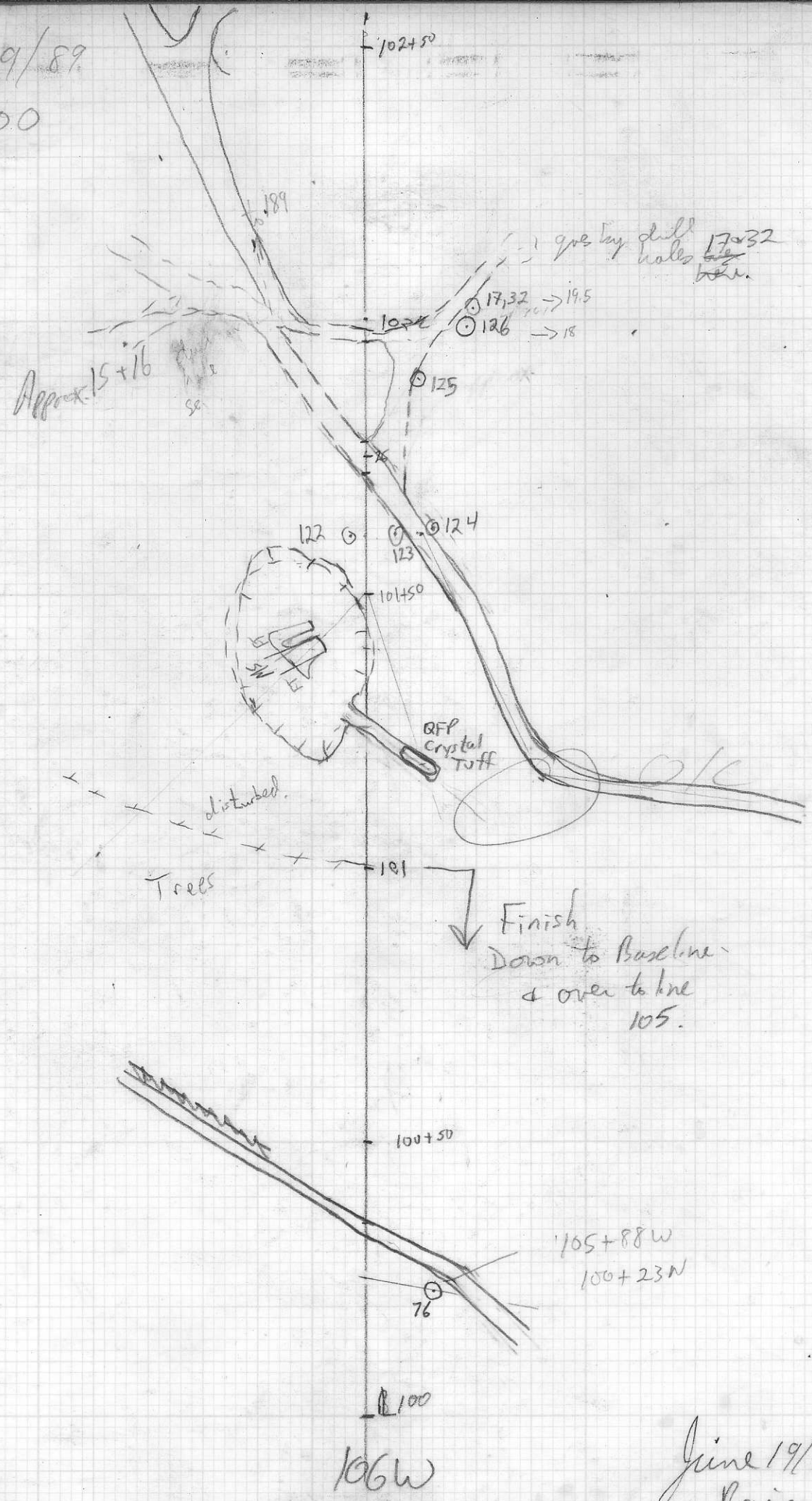

101W
100W
106
106
Subcrop felsic Tuff
old line
57W
1325N
105+50
89L2019
And Ash, Tuff
fol str 125°
105
105N
195
cherty looking in places.
Felsic Ash, Tuff w-m fol
<1% disspy
very altered looking
some cherty Ash area.
191
104
F. Ash
Chty 1% VFPY
89L2020
Poor o/c of weakly rusty mod fol fel Tuff No qz or fsp
fol 158° 45° N
104N
18.7m
2.4m
203
192
89 2020??
fol/bdg?
poss bdg fol 114°50° N
138 42 N
138 65 N
103+50
June 21/89
1:1000
Lara Mine Grid
101W
100W
78,79


191
203

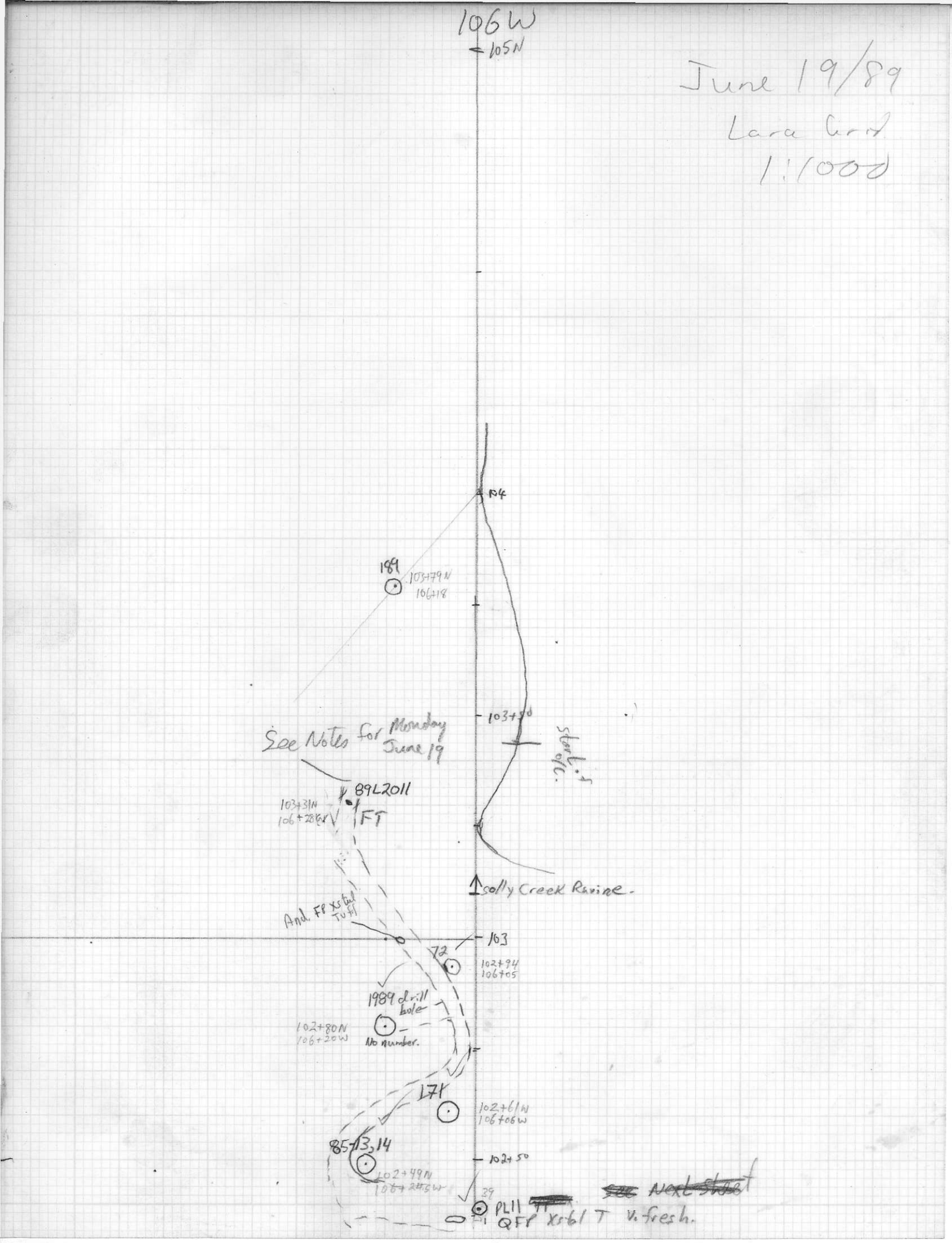

50m → 88° for 10m to hole 213
Road
89L2018
And Xstl Tuff & Tuffs
Pin for Trench 83-32
101W
100W
108N
212
Trench Cut
872017
FT. mod fol very mod ser. slightly o/c
QP Xstal Tuff 89L2012
ste dip fol 112°74°S
QP
89L2013
QP 108°74° South fol
QFP
107
89L2014
QFP
(Q)FP fol 120°90°
overgrowth
fol 115°60°S
FP
89L 2015
FP rare qz
FP rare qs
FP
FP rare qs
106+50
(Q)FP rare qs
do
(Q)FP 872016
QFP
211
106N
BOON 56W
June 21/89
1:1000
Lara Mine
Grid

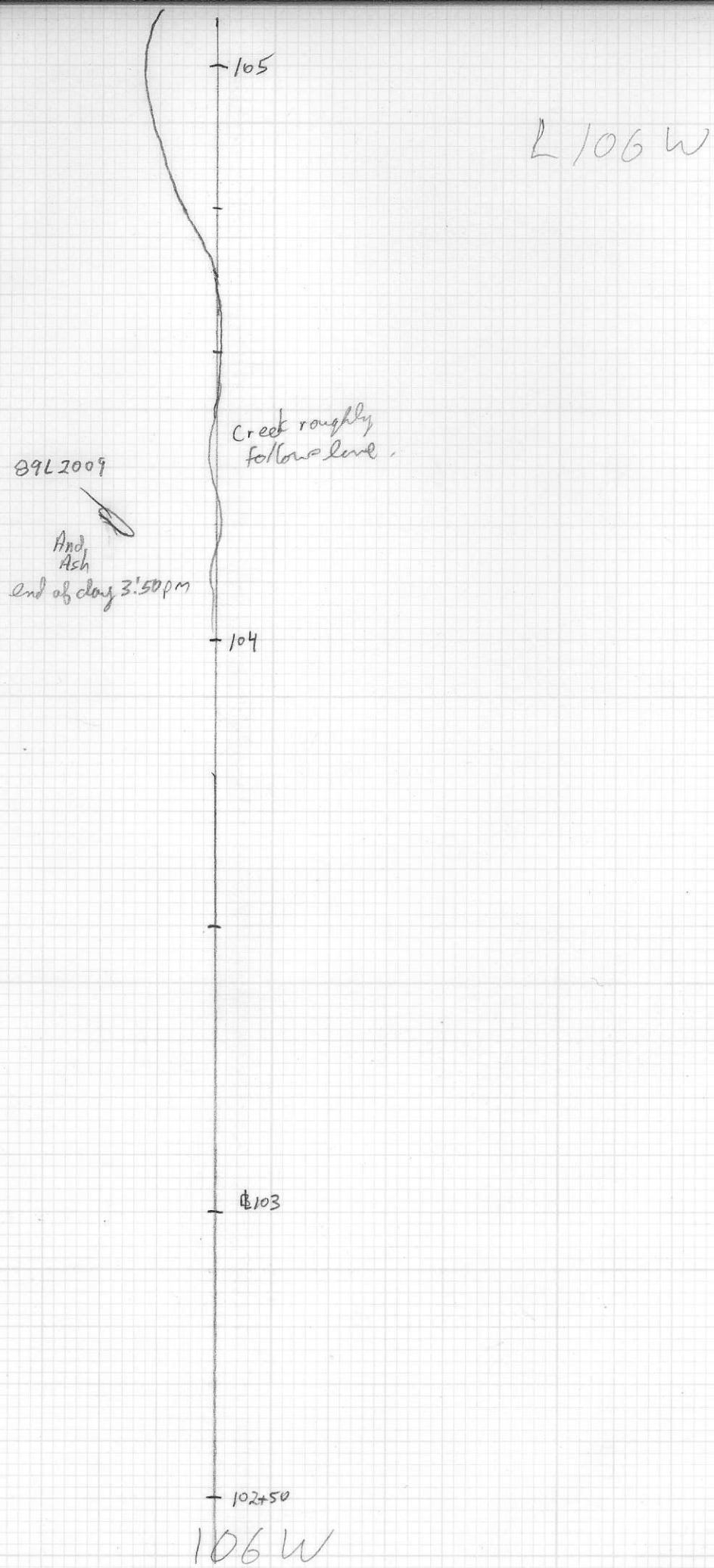

101W
100W
107+50
Trench
BB-32
107
Jun 21/89

June 19/89
1:1000



June 19/89
Rain.


106W
105N
June 19/89
Lara Grid
1:1000
104
189
103+79N
106+18
103+50
See Notes for Monday June 19
89L2011
103+31N
106+28W
FT
Solly Creek Ravine.
And. FP Xstal Tuff
103
72
102+94
106+05
1989 drill hole
102+80N
106+20W
No number.
171
102+61N
106+06W
85-13,14
102+50
102+49N
39
PL11
QFP Xstal T v. fresh.


105
L106W
Creek roughly follows lane.
89L2009
And Ash
end of day 3:50pm
104
℄103
102+50
106W

Lara Project

June 15/89

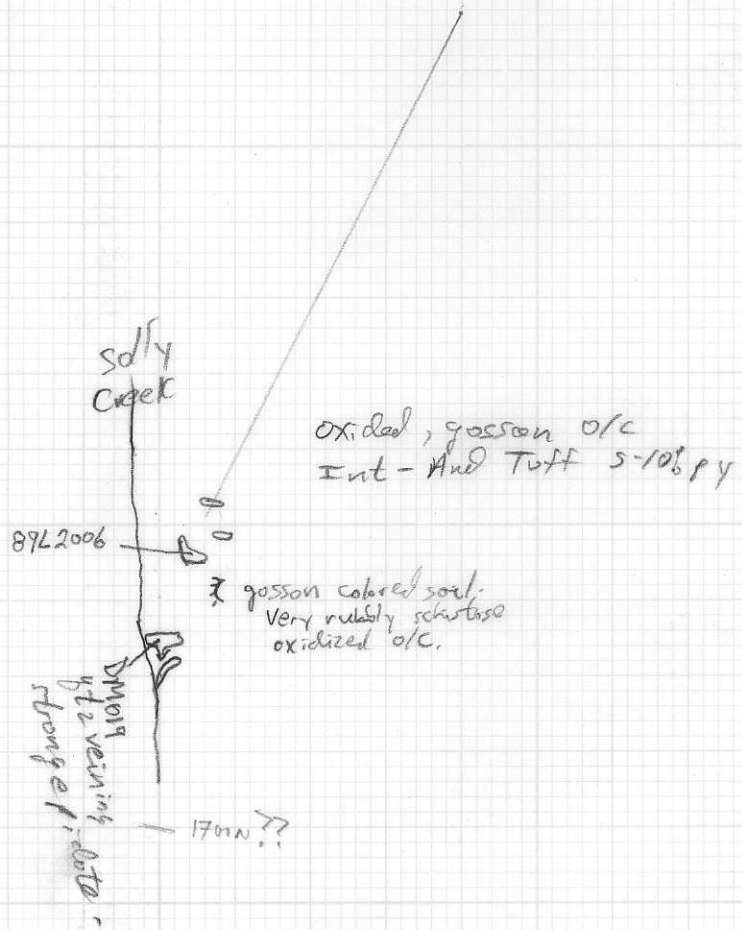
PB

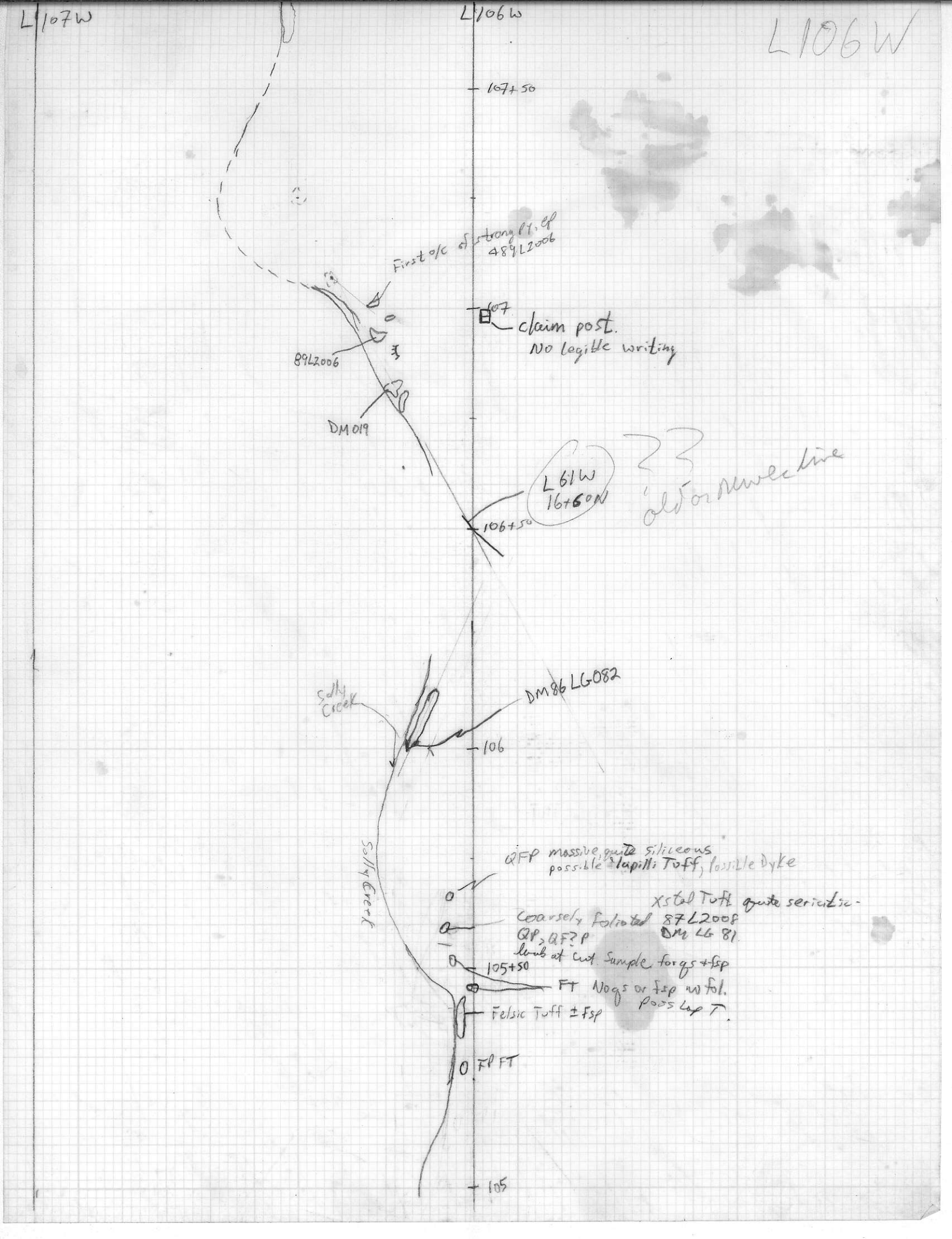
1:1000

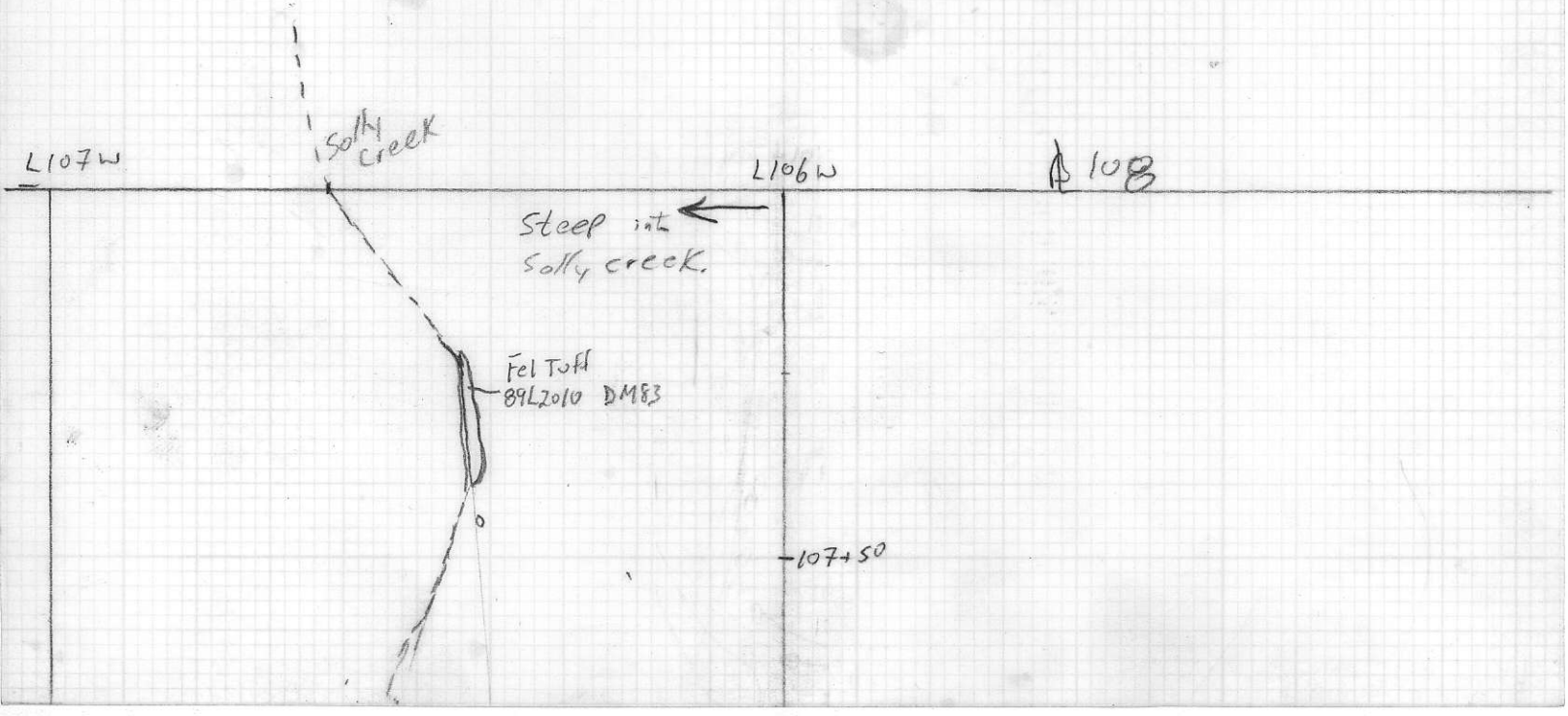
N

Sample 8912006

Near Line 106 W




L107W
L106W
L106W
107+50
First o/c of strong Py, ep
489L2006
107
claim post.
No legible writing
89L2006
DM019
L61W
16+60N
??
old or new line
106+50
Solly Creek
DM86LG082
106
Solly Creek
QFP massive, quite siliceous
possible lapilli Tuff, possible Dyke
Xstal Tuff quite sericitic
Coarsely foliated 87L2008
QP, QF?P DM LG 81
look at cut. Sample for qs + fsp
105+50
FT No qs or fsp w/ fol.
poss Lap T.
Felsic Tuff ± fsp
FP FT
105


L107W
Solly creek
L106W
108
Steep int
Solly creek.
Fel Tuff
89L2010 DM83
107+50

107+50N

107N

106+50N

Fairly steep down to Salley Creek

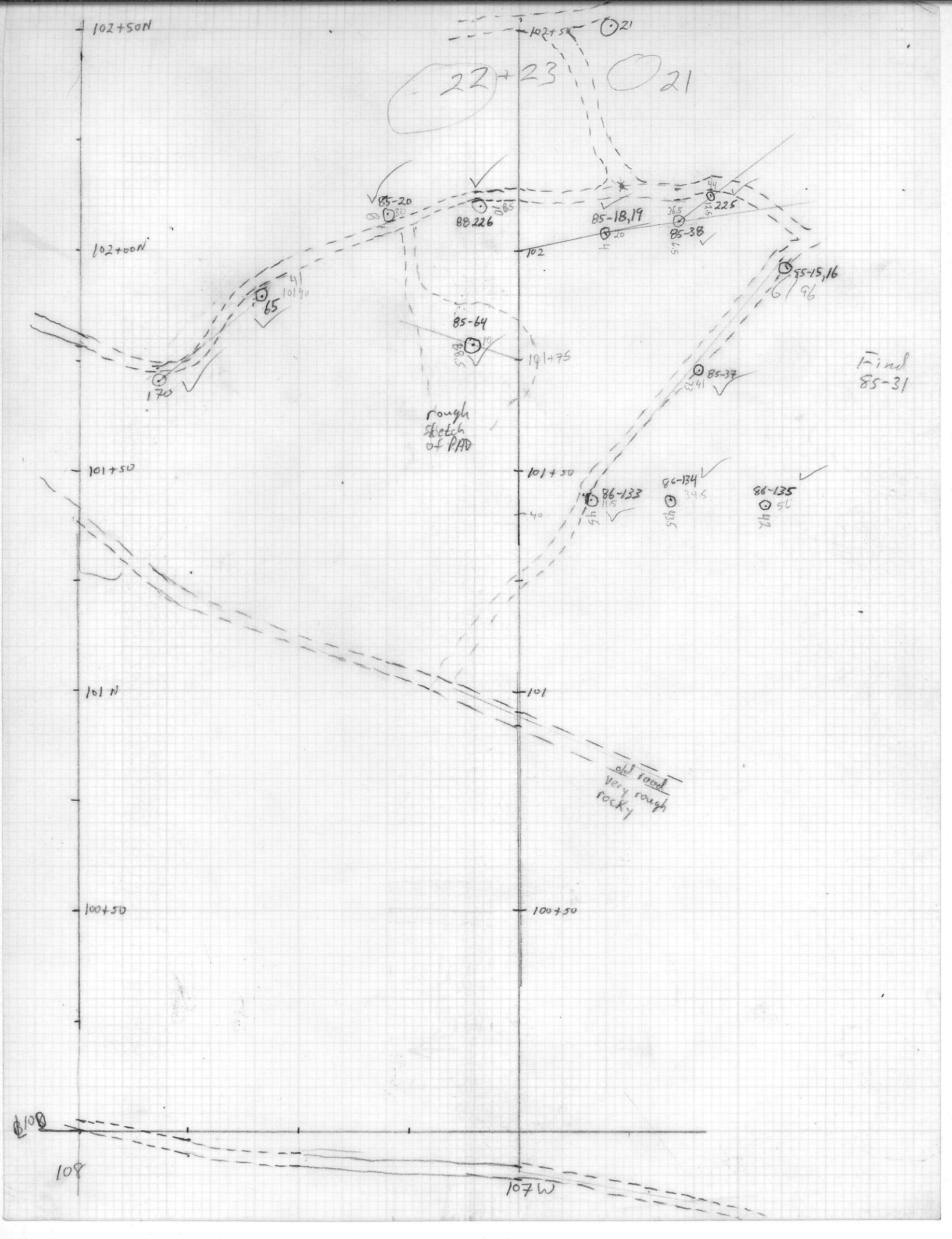
106N

62W
1625N
105+50

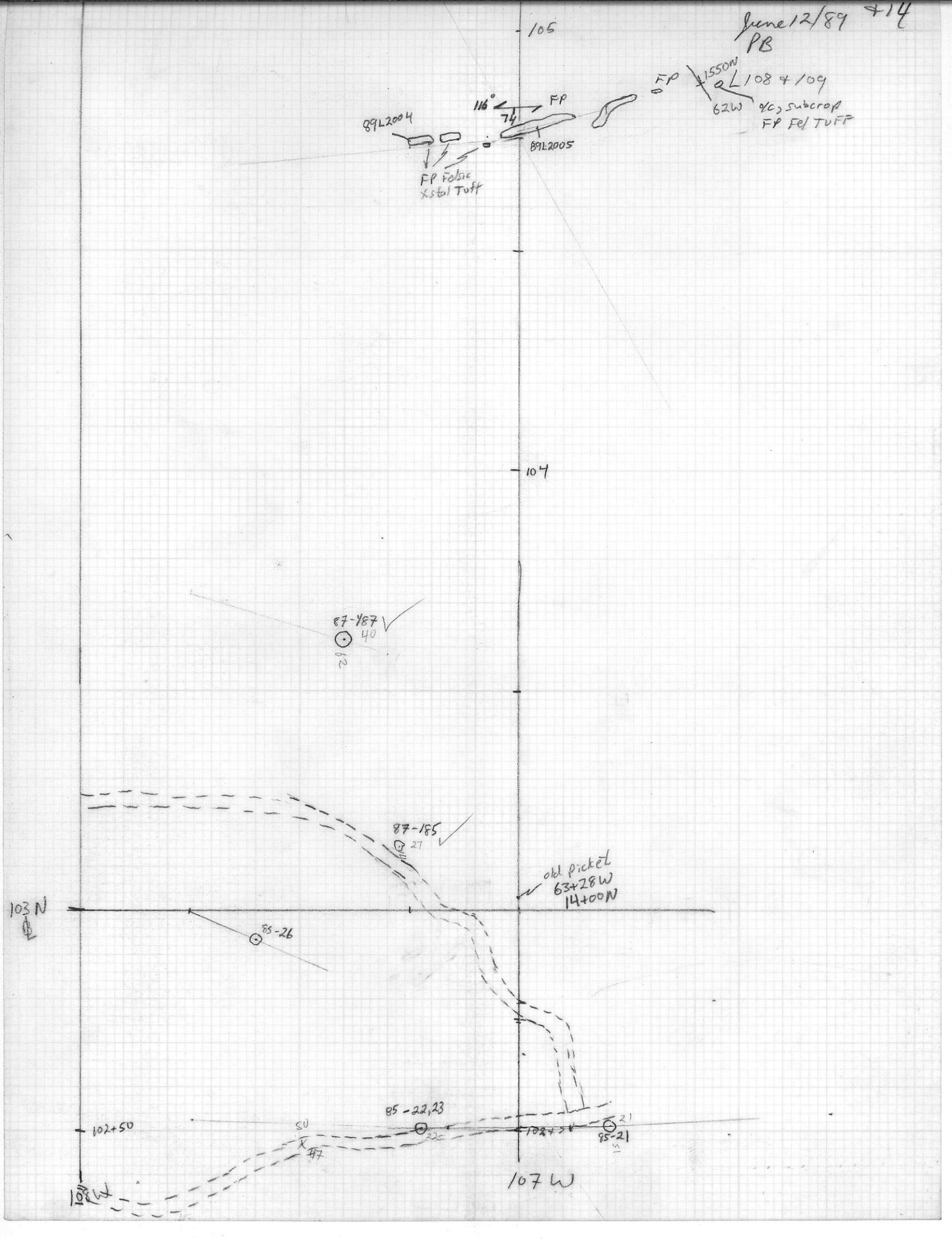
105N

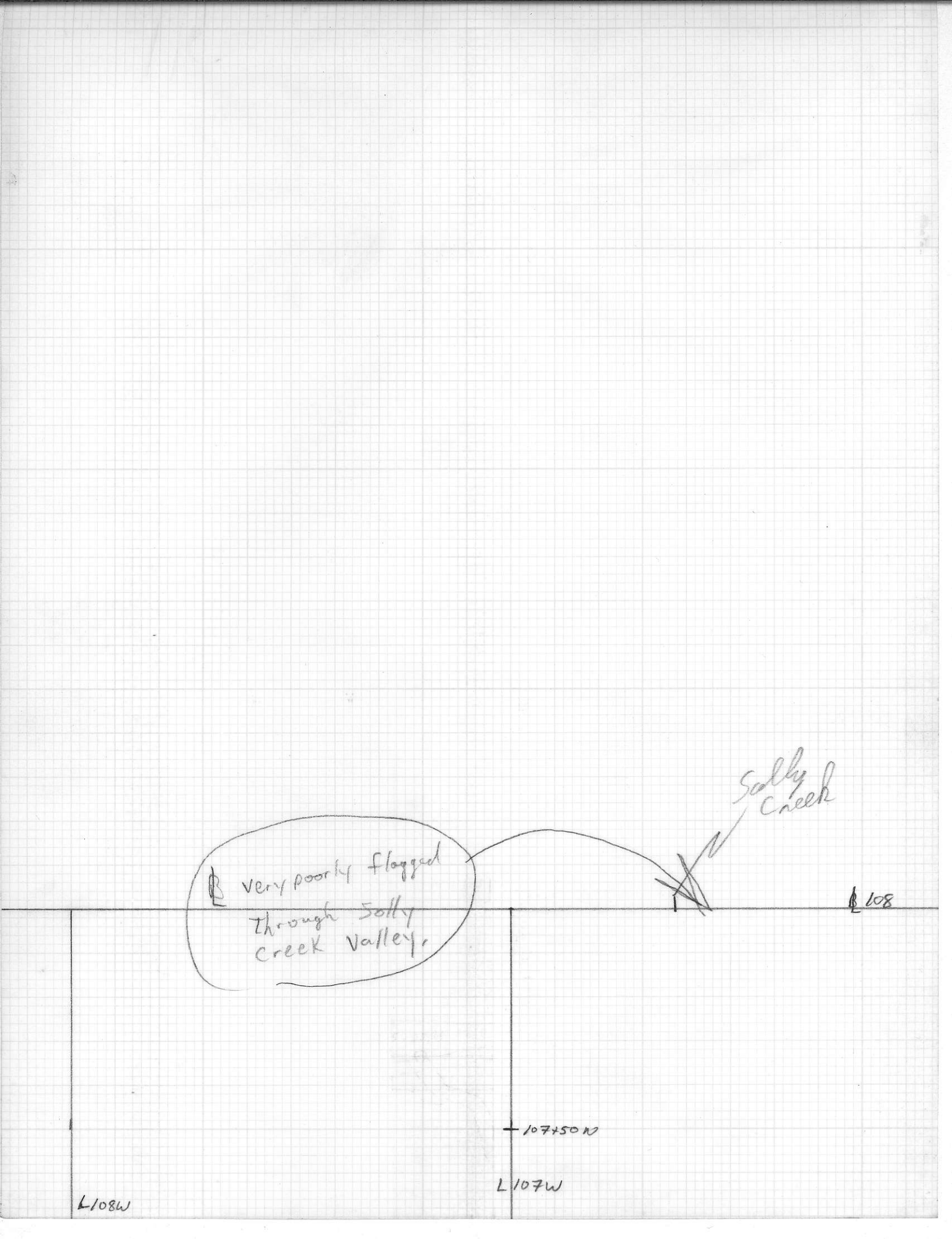
108W

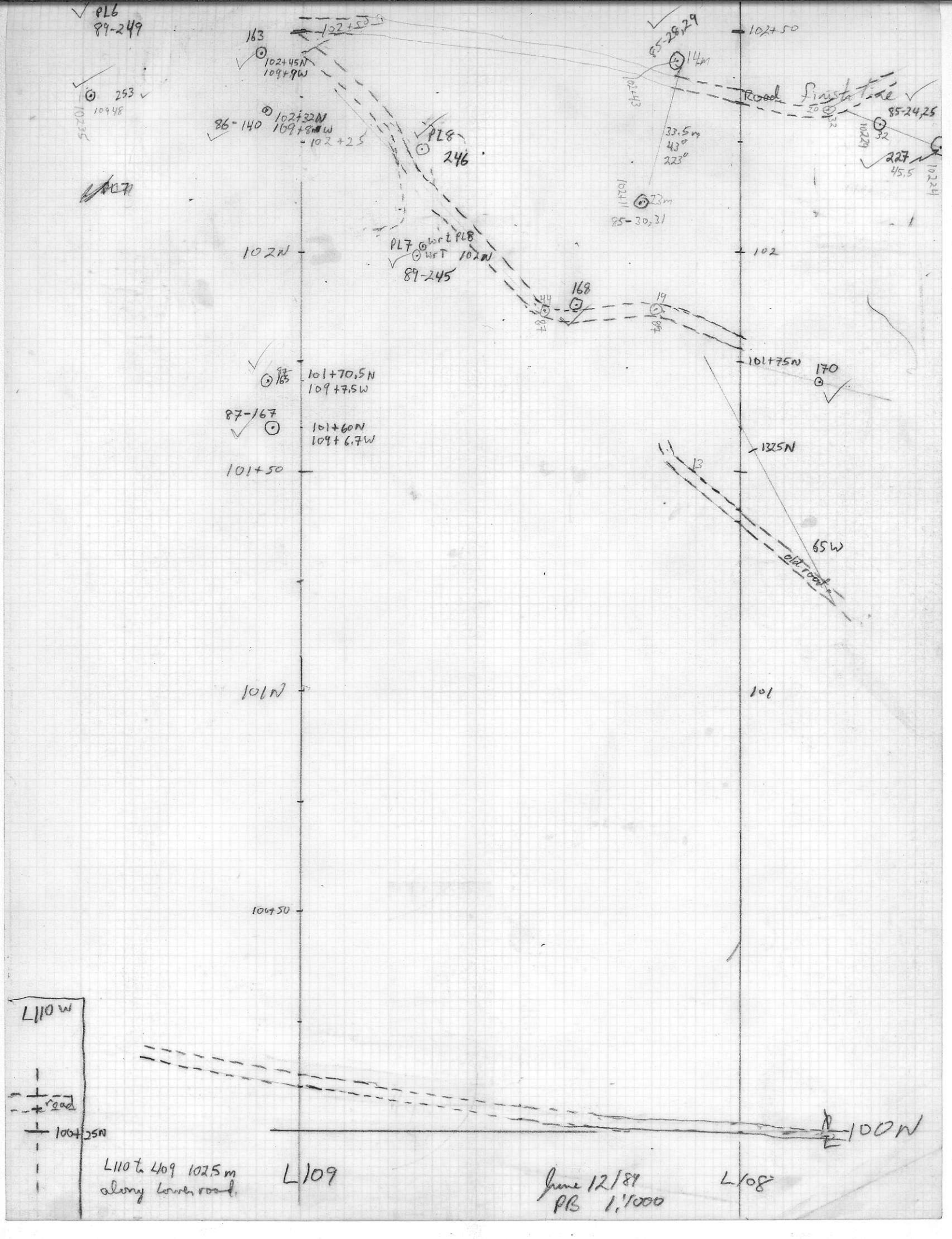
107W

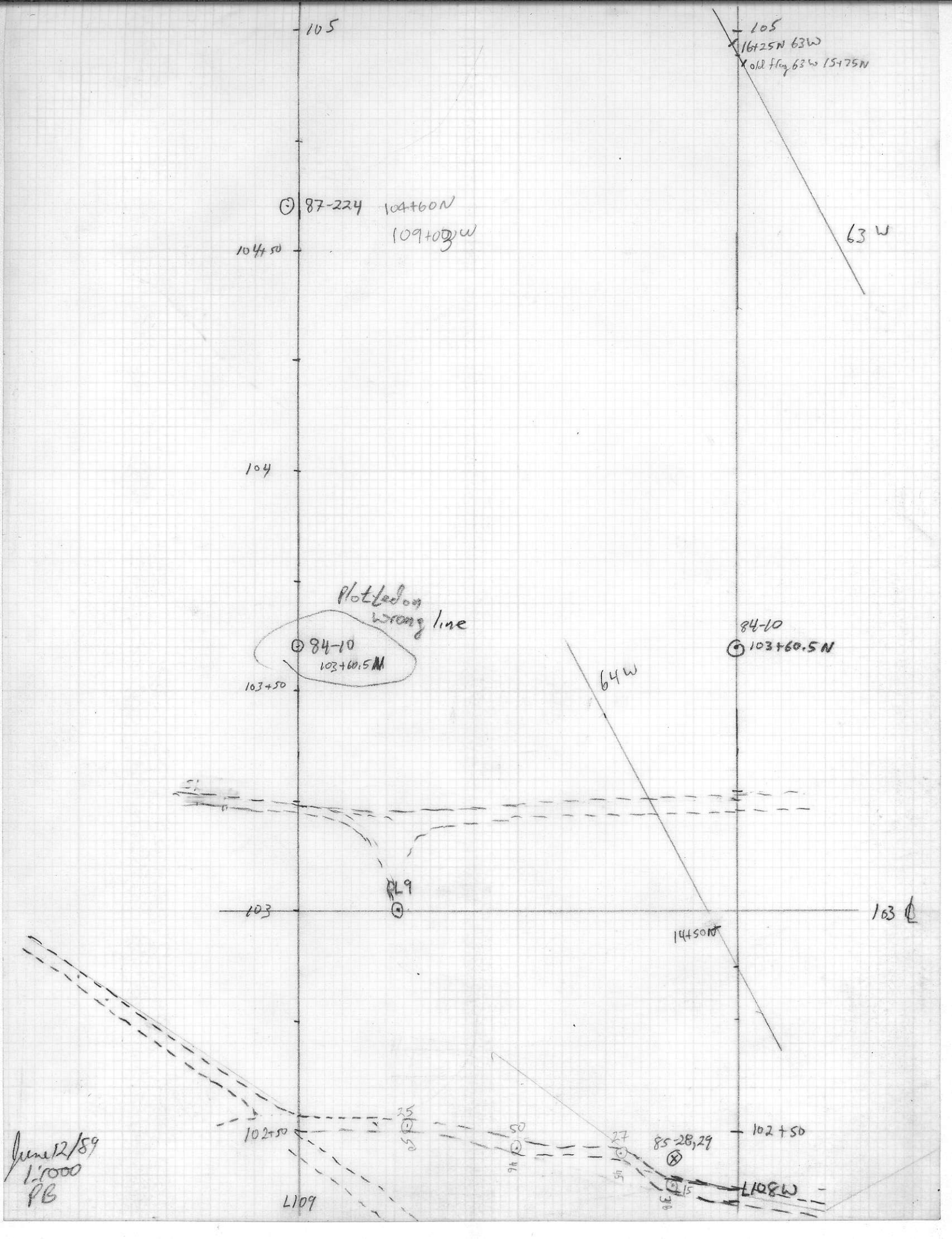


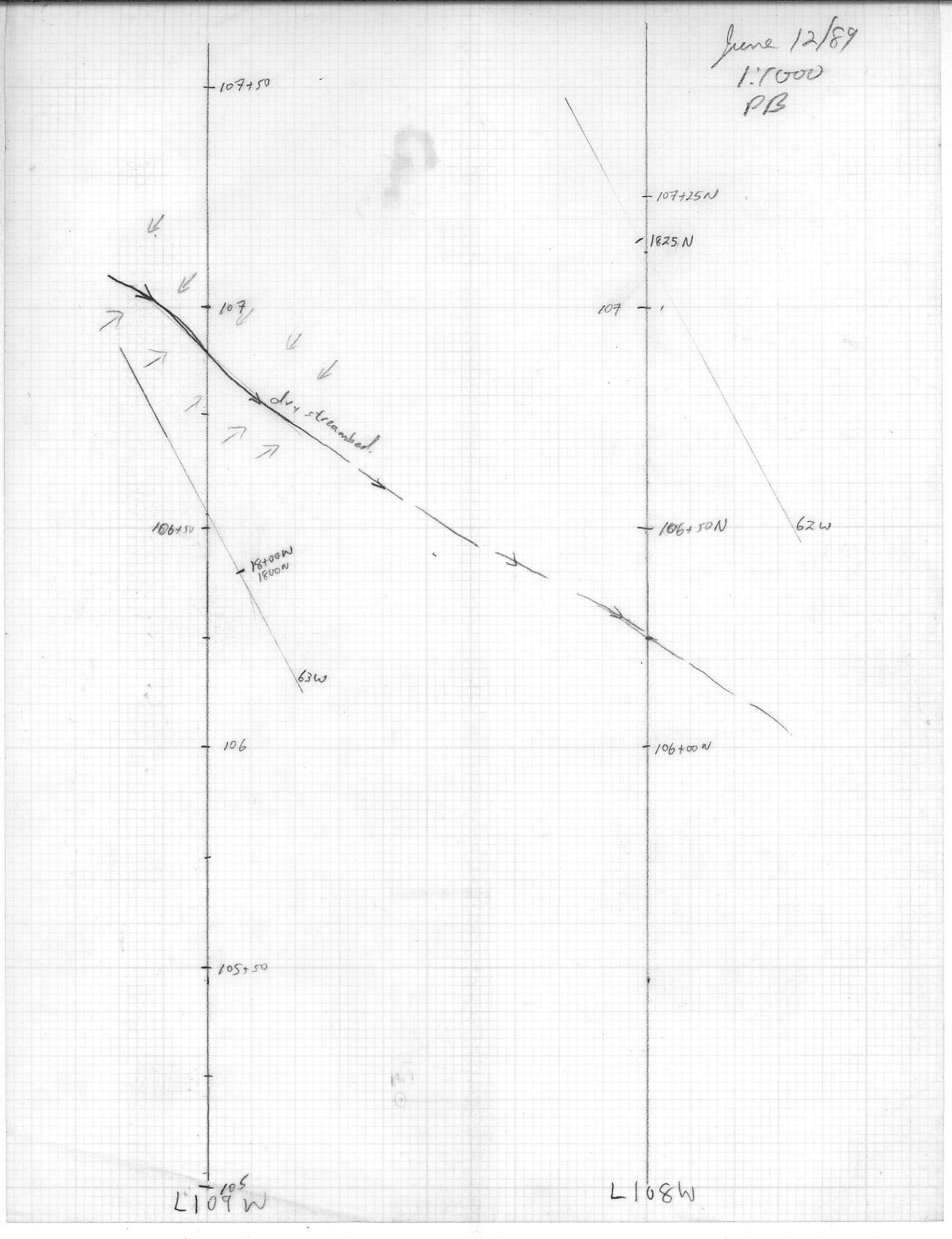
102+50N
102+00N
101+50
101 N
100+50
102+50
102
101+75
101+50
40
101
100+50
108
107W
22+23
21
85-20
88 226
85-18,19
85-38
225
85-15,16
65
85-64
170
85-37
rough sketch of PAD
86-133
86-134
86-135
old road very rough rocky
Find 85-31


June 12/89
PB
+14
105
FP
1550N
L 108 + 109
62W
o/c, subcrop
FP Fel TUFF
116°
74
FP
89L2004
89L2005
FP Felsic
Xstl Tuff
107
87-187
40
62
87-185
27
old picket
63+28W
14+00N
103 N
85-26
85-22,23
102+50
85-21
107 W
101 W

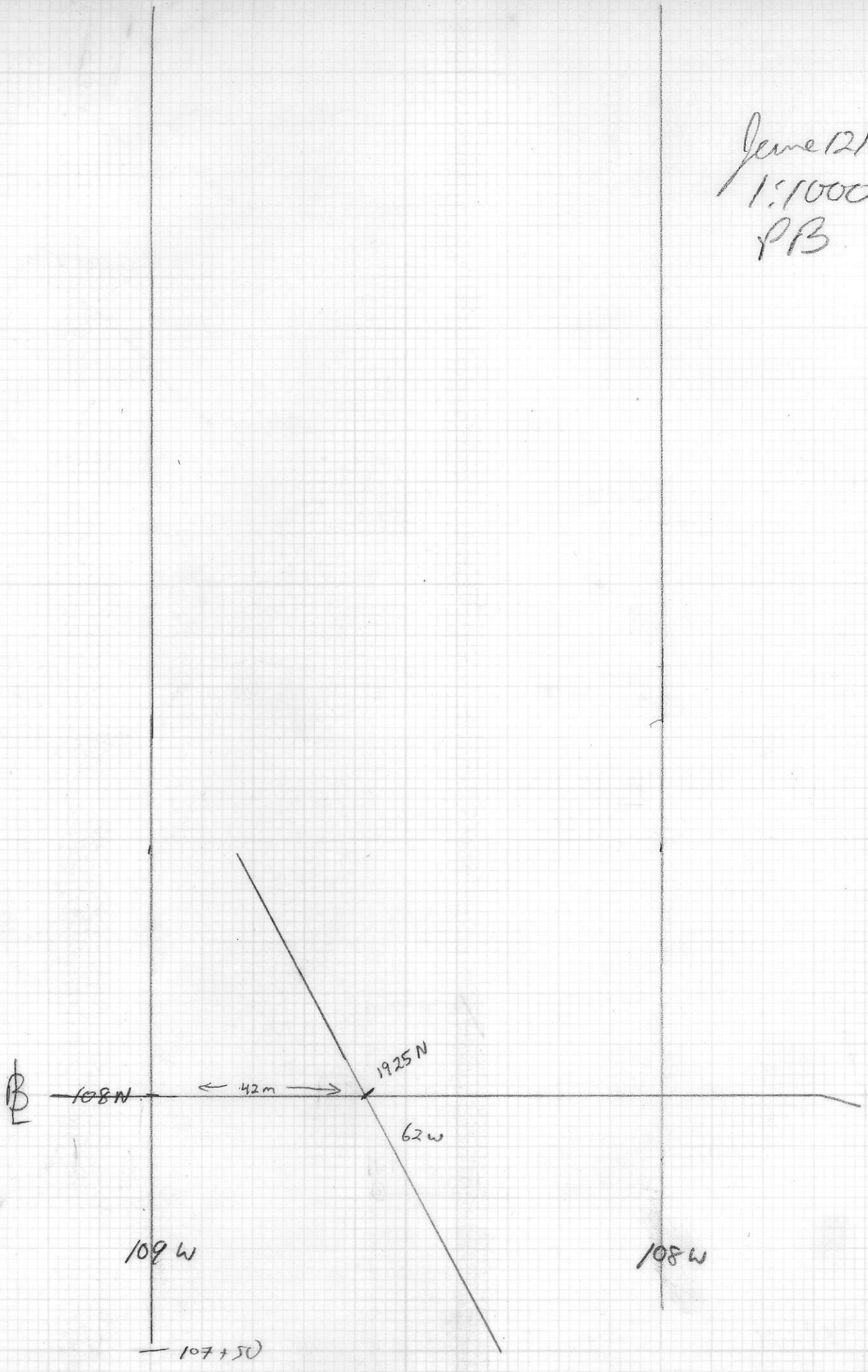

Salty Creek
very poorly flagged through Salty Creek Valley.
L 108
107+50 N
L 107W
L 108W

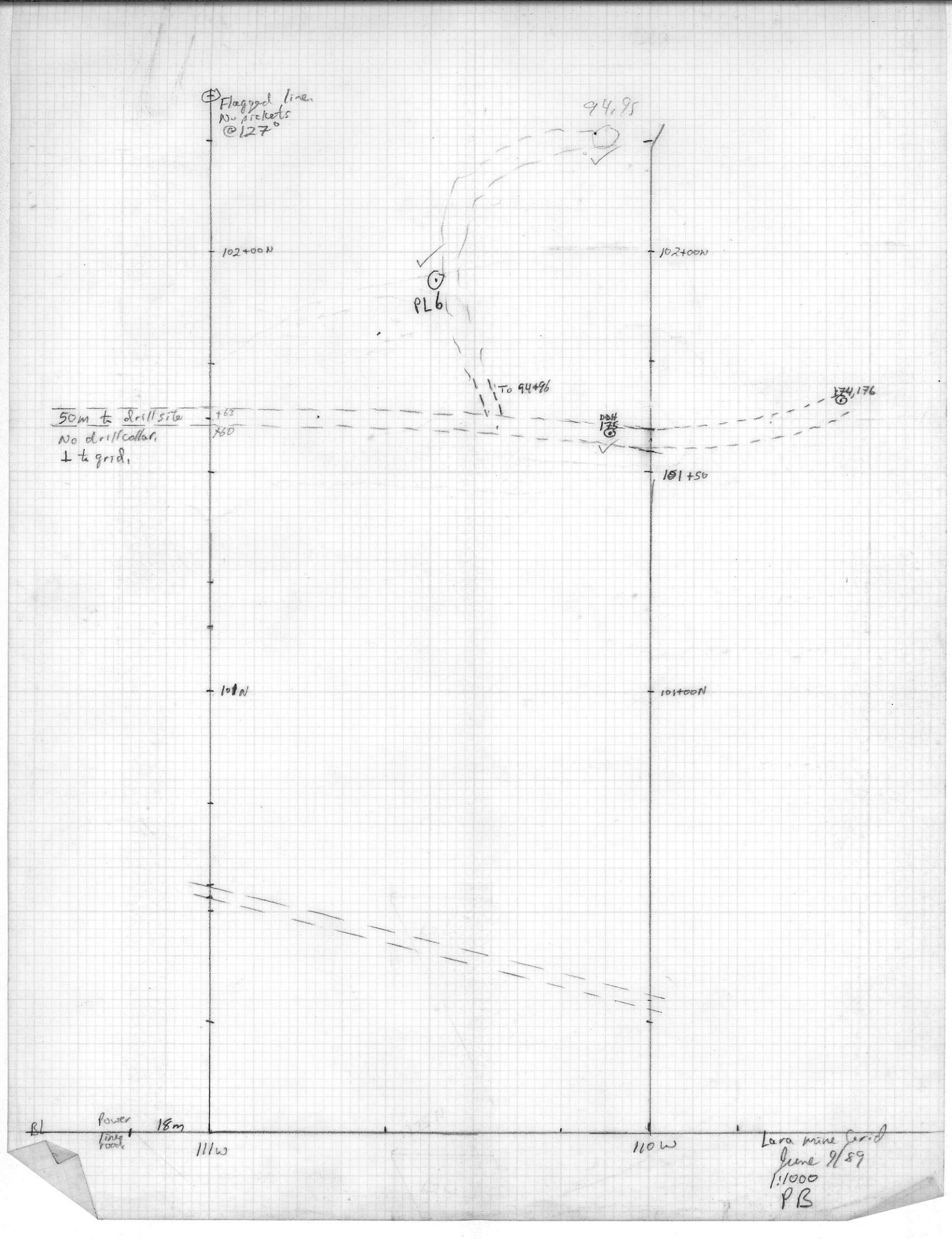

PL6
89-249
163
102+45N
109+9W
102+50
253
10948
86-140
102+32N
109+8W
102+25
PL8
246
85-28,29
14m
102+50
Road finish line
85-24,25
227
45.5
33.5m
43°
223°
23m
85-30,31
102N
PL7
wrt PL8
wrT 102N
89-245
102
168
19
101+75N
170
101+70.5N
109+7.5W
87-167
101+60N
109+6.7W
1325N
101+50
13
65W
old road
101N
101
100+50
L110W
road
100+25N
100N
L110 to L109 102.5m
along lower road.
L109
June 12/89
PB 1:1000
L108


105
105
16+25N 63W
X old freq 63W 15+75N
87-224 104+60N
109+03W
63W
104+50
104
Plotted on wrong line
84-10
103+60.5N
103+50
84-10
103+60.5N
64W
PL9
103
163
14+50N
102+50
102+50
85-28,29
L108W
L109
June 12/89
1:1000
PB

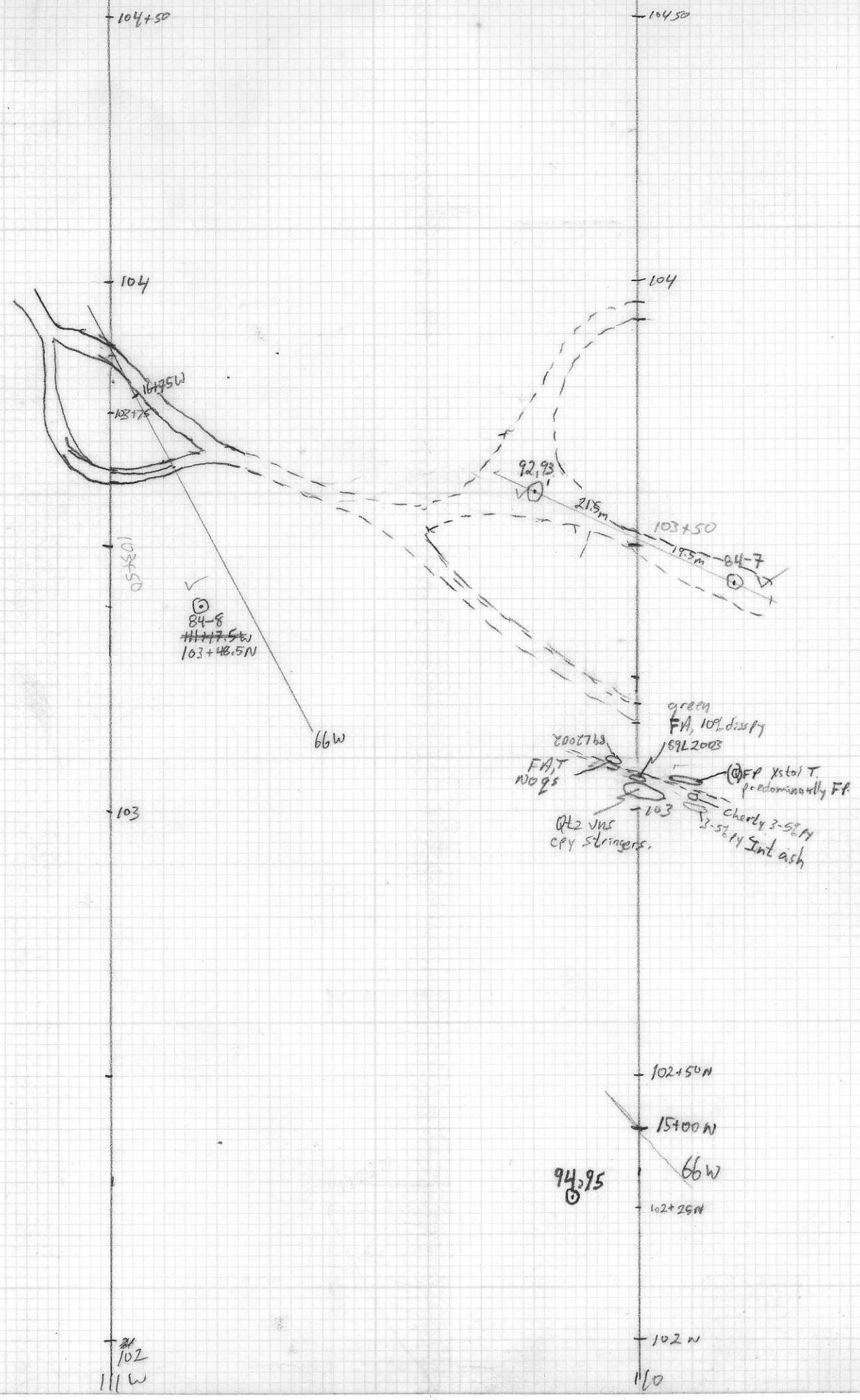

June 12/89
1:5000
PB
107+50
107+25N
1825 N
107
107
dry streambed
106+50
106+50N
62W
18+00W
18UON
63W
106
106+00W
105+50
105
L109W
L108W

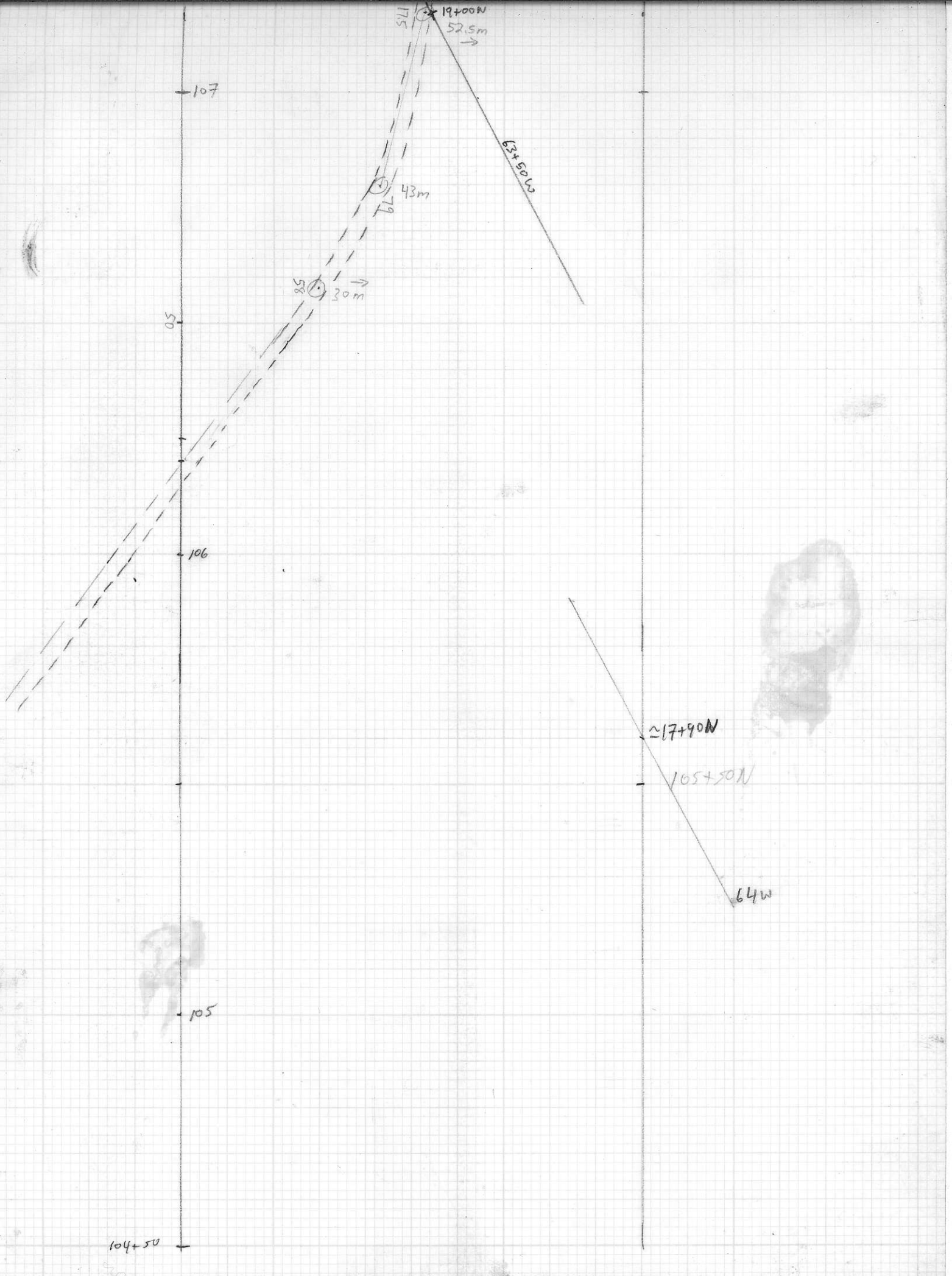
June 12/89
1:1000
PB



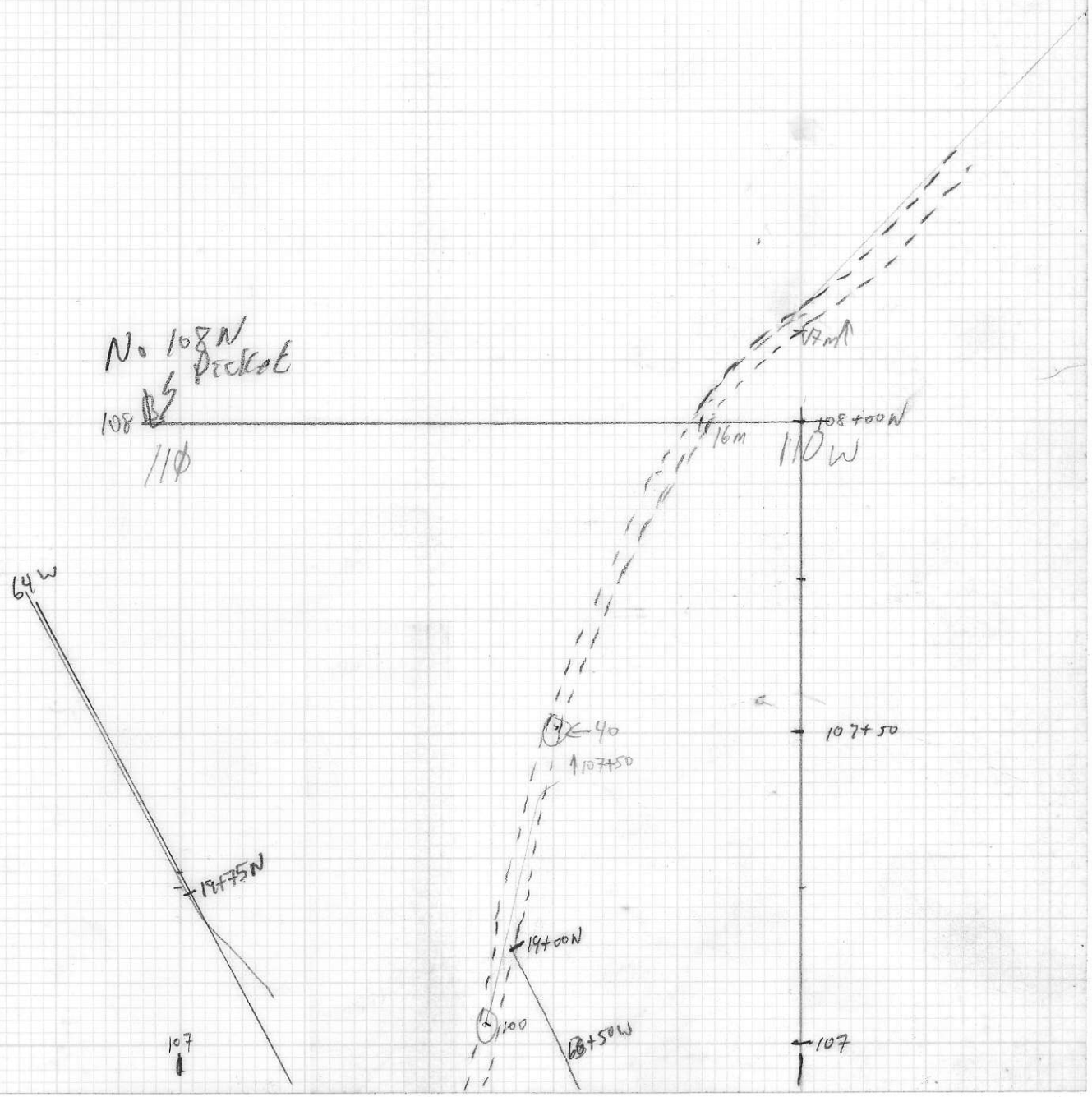


Flagged line
No pickets
@127°
94.95
102+00N
102+00N
PL6
To 94+96
174,176
50m to drill site
No drill collar.
⊥ to grid.
+63
+60
DDH 175
101+50
101N
101+00N
BL
Power line road
18m
111W
110W
Lara mine Grid
June 9/89
1:1000
PB


104+50
104
103+75
16+75W
103+50
84-8
~~111+17.5W~~
103+48.5N
66W
103
102
111W
104 50
104
92,93
21.5m
103+50
19.5m
84-7
green
FA, 10% diss Py
89L2003
FA,T
No qs
FP Xstal T.
predominantly FP.
Qtz vns
cpy stringers.
103
Cherty 3-5% Py
3-5% Py Int ash
102+50N
15+00N
66W
94,95
102+25N
102 N
110



19+00N
52.5m
17.5
107
63+50W
43m
79
58
30m
50
106
≃17+90N
105+50N
64W
105
104+50


No. 108N Picket
108
110
17m
16m
108+00N
110W
64W
19+75N
107
40
107+50
107+50
19+00N
100
60+50W
107

July 20

L57-L58 96m

L58-L59
96m

58W

112N

Thin
spacing

Thin
Spacing
Gentle Slope

111

110+50

Thin Spacing

16W

57W

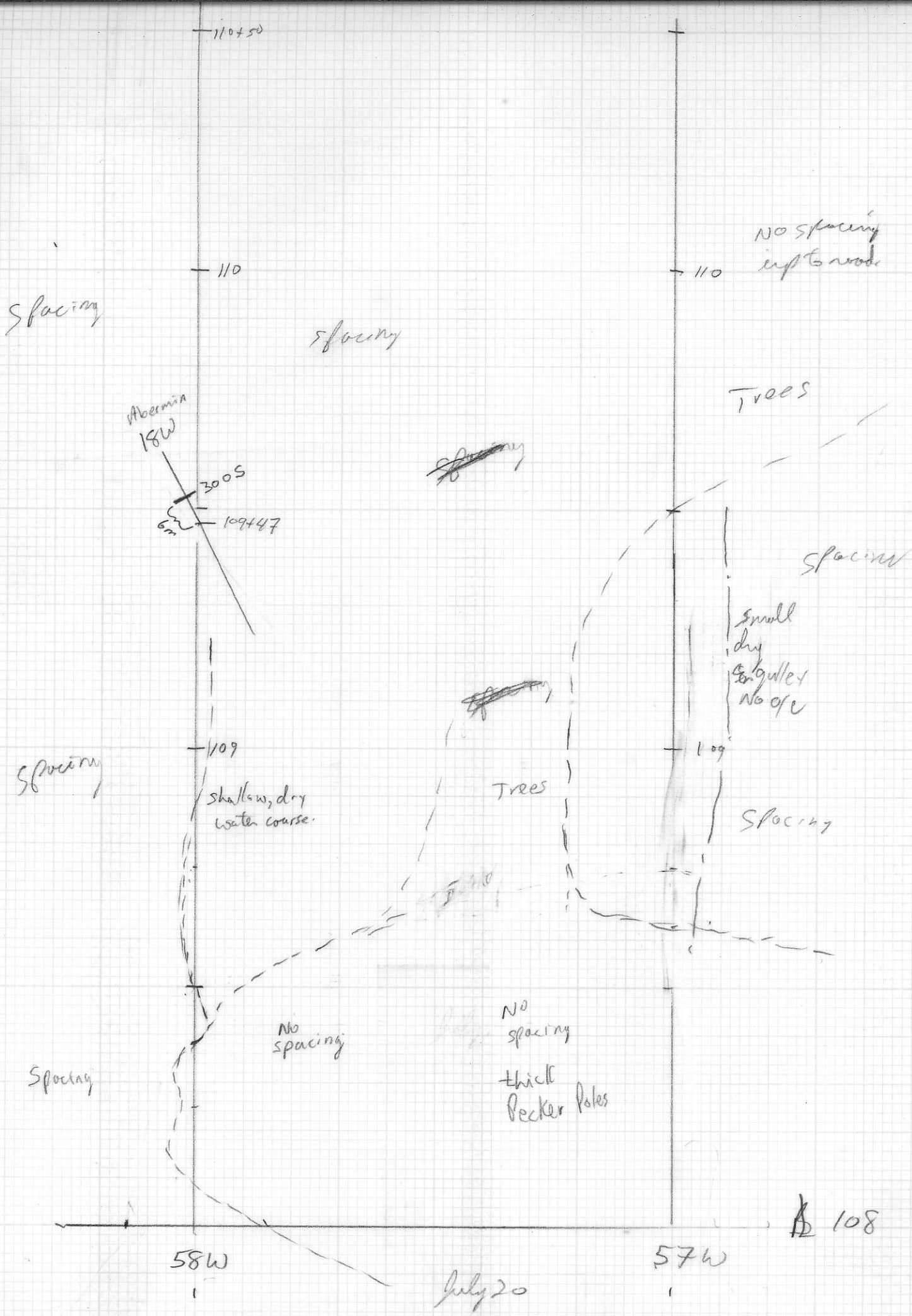
gulley

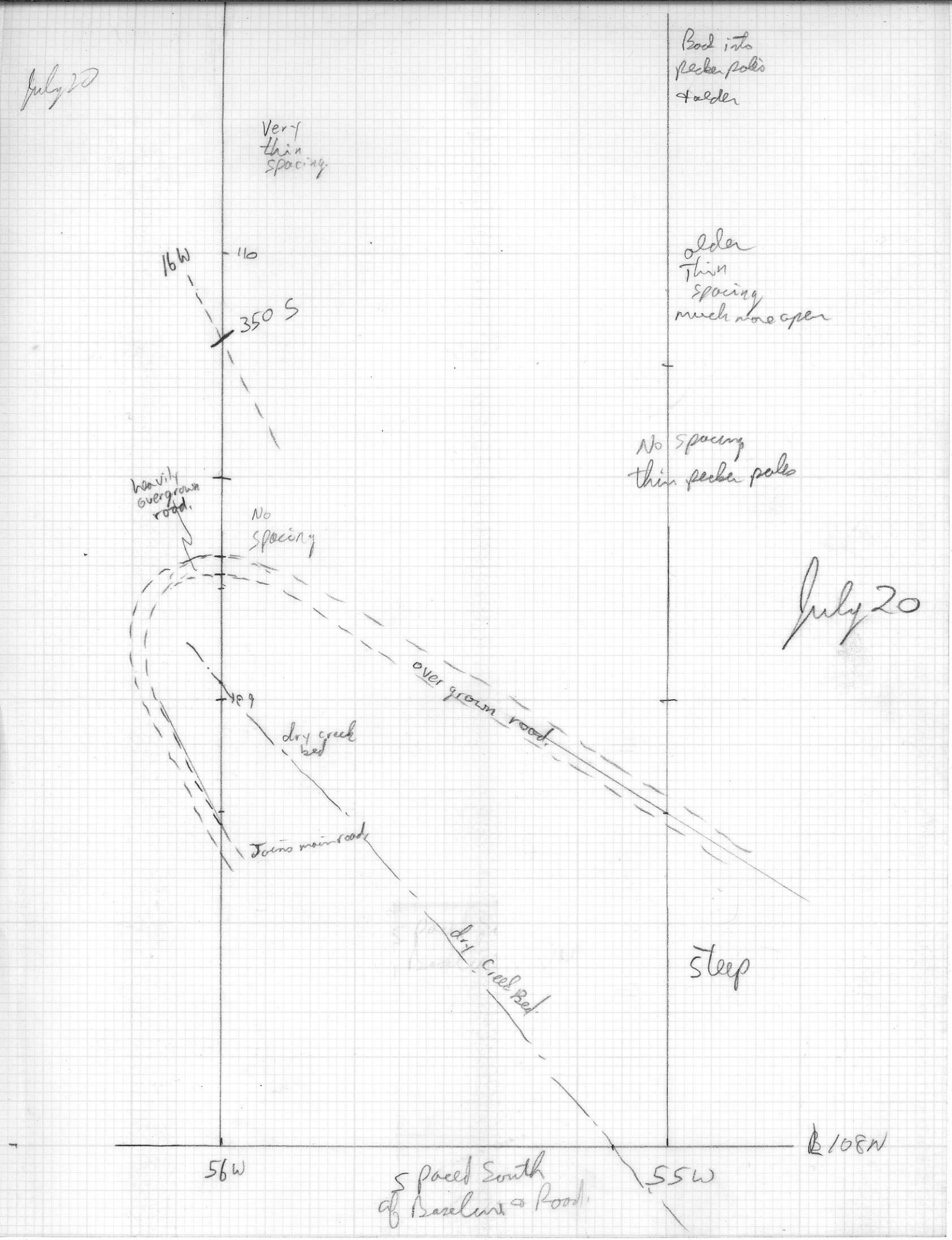
8m
125S

approx edge of trees

thinly spaced

spaced along road.


110+50
110
110
No spacing up to road
Spacing
Spacing
Trees
Abermin 18W
300S
6m
109+47
Spacing
Small dry gulley No o/c
109
109
Spacing
shallow, dry water course.
Trees
Spacing
No spacing
No spacing
thick Pecker Poles
Spacing
108
58W
57W
July 20


July 20
Back into pecker poles & older
Very thin spacing
16W
110
350 S
older Thin spacing much more open
No spacing thin pecker poles
heavily overgrown road.
No spacing
July 20
over grown road.
189
dry creek bed
Joins main road
dry Creek Bed
Steep
℄ 108N
56W
55W
Spaced South of Baseline & Road.

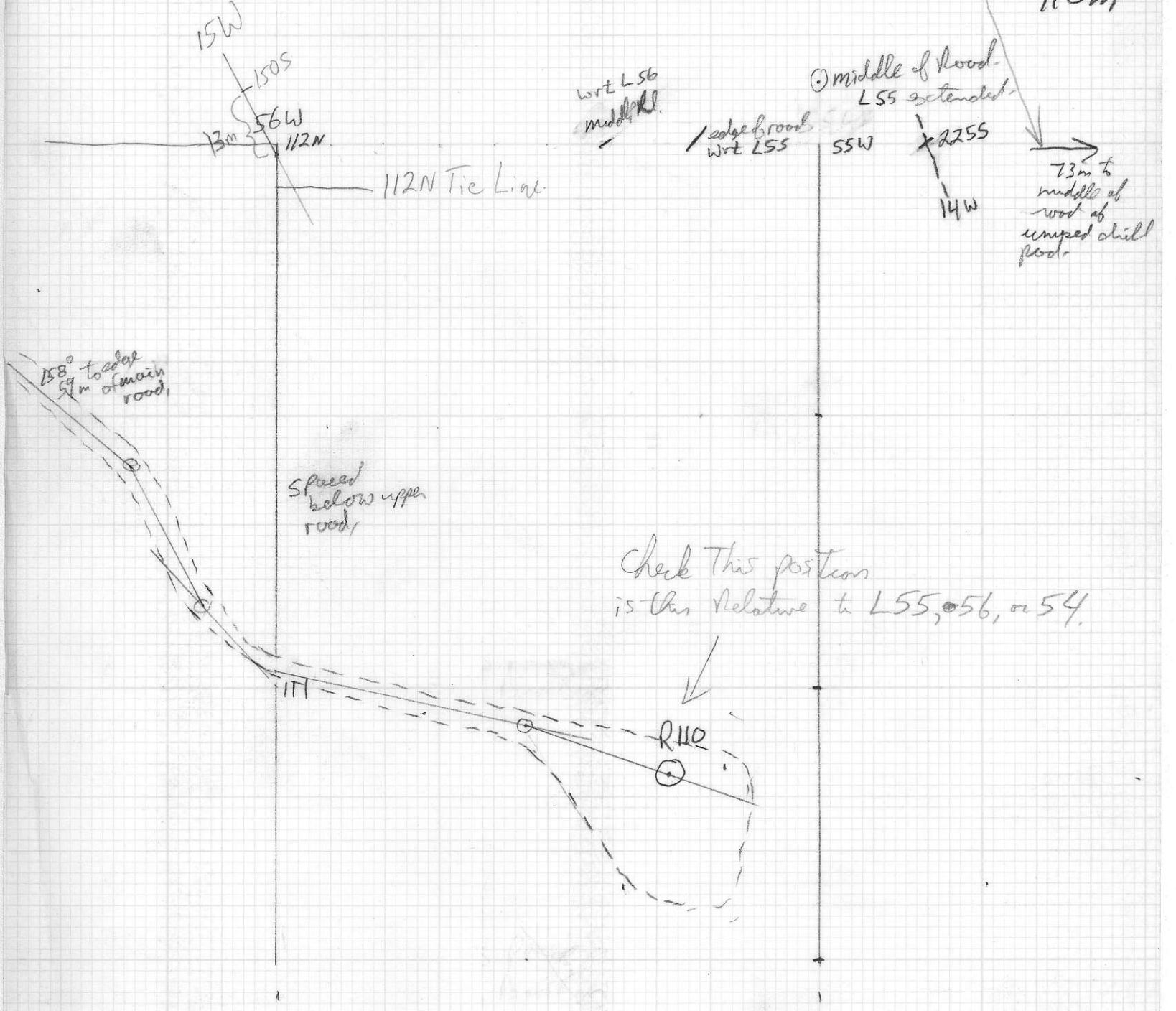
July 20

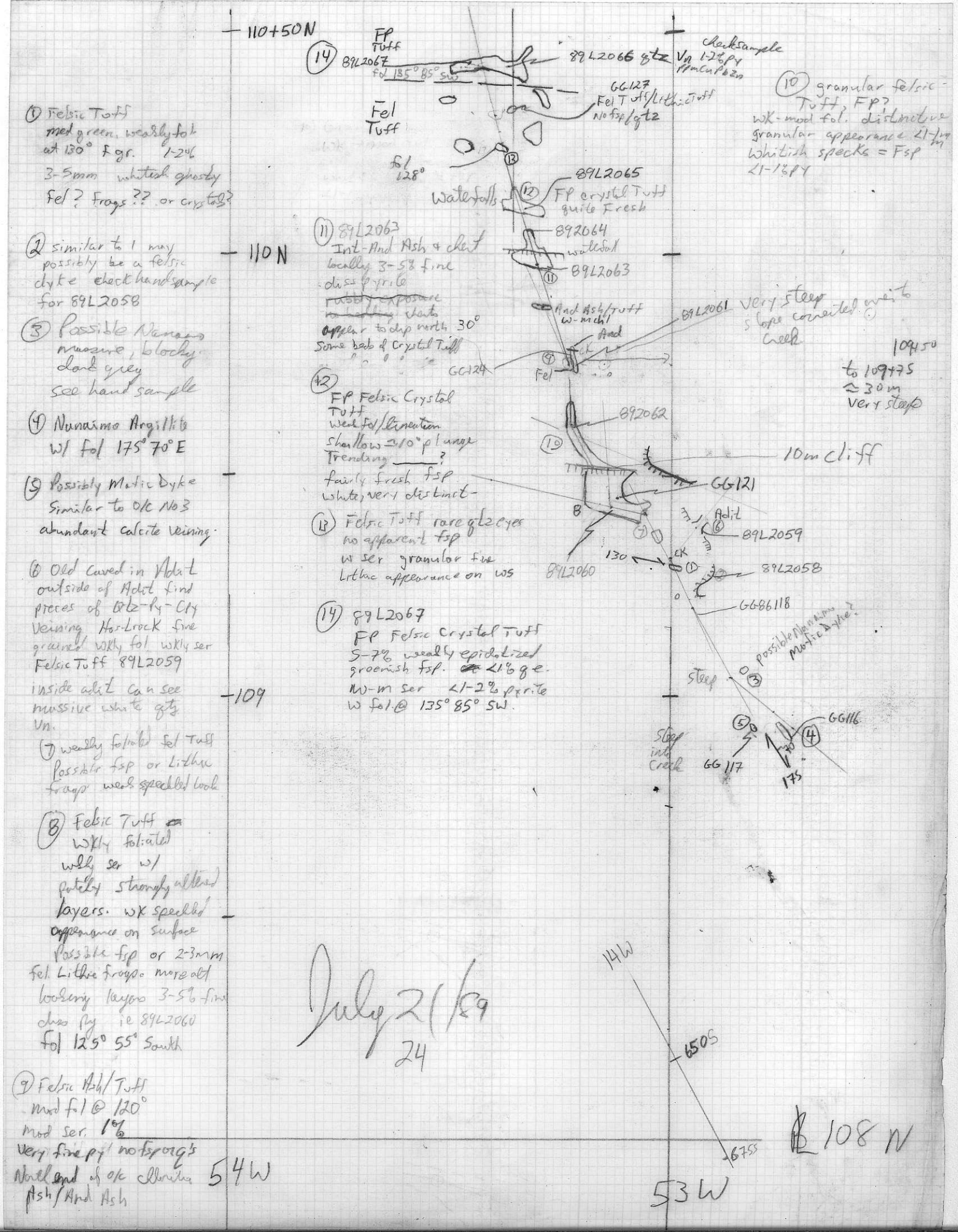
L55 to middle of road
93.5m - 61m
= 32.5

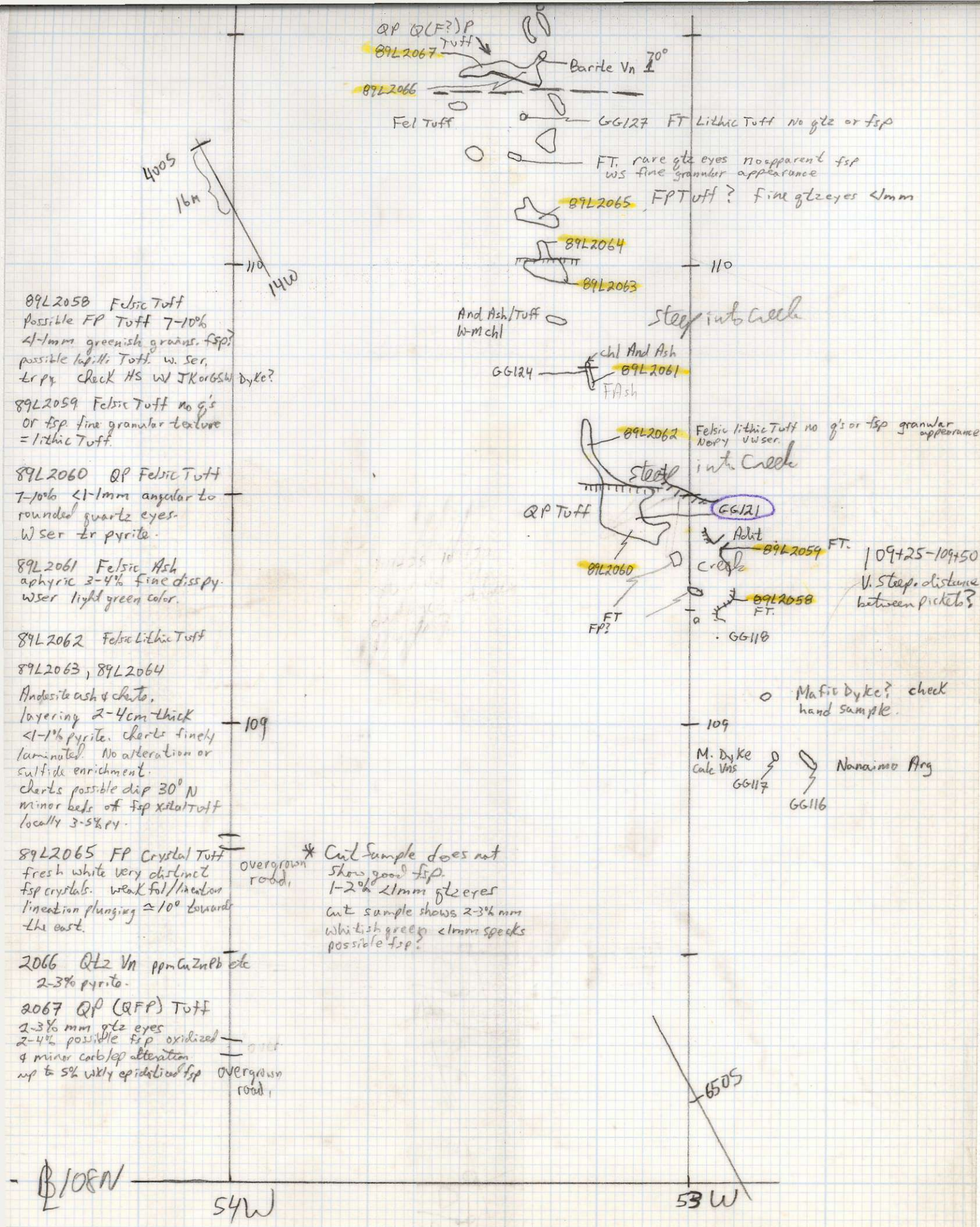
L55 to L54 along
112N Tie line
50 m @ 118° then
line swings to 104° for
60m

L56 to L55 93.5m

L55 to L54
110m




110+50N
110N
109
54W
53W
14W
108N
Fp Tuff
89L2067
fol 135° 85° SW
89L2066 qtz
Vn 1-2% py
Fel Tuff
GG127
Fel Tuff/Lithic Tuff
No fsp/qtz
fol 128°
Waterfalls
89L2065
Fp crystal Tuff
quite Fresh
89L2064
89L2063
And Ash/Tuff
89L2061
Very steep
GG124
Fel
89L2062
10m cliff
GG121
Adit
89L2059
130
89L2060
89L2058
GG86118
possible Plag-amy Mafic dyke?
Steep
GG116
GG 117
175
Steep into Creek
65°S
67°S
July 21/89
24
10+50
to 10+75
≈ 30m
Very steep
(1) Felsic Tuff
med green, weakly fol at 130° Fgr. 1-2%
3-5mm whitish ghosty Fel? Frags?? or crystals?
(2) similar to 1 may possibly be a felsic dyke check hand sample for 89L2058
(3) Possible Nanaimo massive, blocky dark grey see hand sample
(4) Nanaimo Argillite W/ fol 175° 70° E
(5) Possibly Mafic Dyke Similar to O/C No 3 abundant calcite veining.
(6) Old caved in Adit outside of Adit find pieces of Qtz-Py-Cly Veining Hor-Lrock fine grained wkly fol wkly ser Felsic Tuff 89L2059 inside adit can see massive white qtz Vn.
(7) weakly foliated fel Tuff Possible fsp or Lithic frags weak speckled look
(8) Felsic Tuff wkly foliated wkly ser w/ patchy strongly altered layers. wk speckled appearance on surface Possible fsp or 2-3mm fel. Lithic frags. more abt bookery layers 3-5% fine diss Py ie 89L2060 fol 125° 55° South
(9) Felsic Ash/Tuff mod fol @ 120° Mod ser. 1% very fine Py no fsp or qtz Northend of O/C Alluvium Ash/And Ash
(10) granular felsic Tuff, FP? wk-mod fol. distinctive granular appearance 1-2% whitish specks = Fsp 1-1.5% Py
(11) 89L2063 Int-And Ash & chert locally 3-5% fine diss pyrite rubbly exposure in creek beds appear to dip north 30° Some beds of Crystal Tuff
(12) FP Felsic Crystal Tuff Weak fol/lineation shallow 210° plunge Trending ____? fairly fresh fsp white, very distinct
(13) Felsic Tuff rare qtz eyes no apparent fsp w ser granular fine Lithic appearance on ws
(14) 89L2067 FP Felsic Crystal Tuff 5-7% weakly epidotized greenish fsp. 1% qtz. Mw-m ser 1-2% pyrite w fol @ 135° 85° SW.
Check sample
And Ash/Tuff w-m ch
Adit
Fel
B
CK



89L2058 Felsic Tuff
Possible FP Tuff 7-10%
<1-1mm greenish grains. fsp?
possible lapilli Tuff. w. ser,
tr py. Check HS w/ JK or GSW Dyke?

89L2059 Felsic Tuff no q's
or fsp. fine granular texture
= lithic Tuff.

89L2060 QP Felsic Tuff
7-10% <1-1mm angular to
rounded quartz eyes.
W ser tr pyrite.

89L2061 Felsic Ash
aphyric 3-4% fine diss py.
w ser light green color.

89L2062 Felsic Lithic Tuff

89L2063, 89L2064
Andesite ash & cherts,
layering 2-4cm thick
<1-1% pyrite. cherts finely
laminated. No alteration or
sulfide enrichment.
cherts possible dip 30° N
minor beds of fsp xstal Tuff
locally 3-5% py.

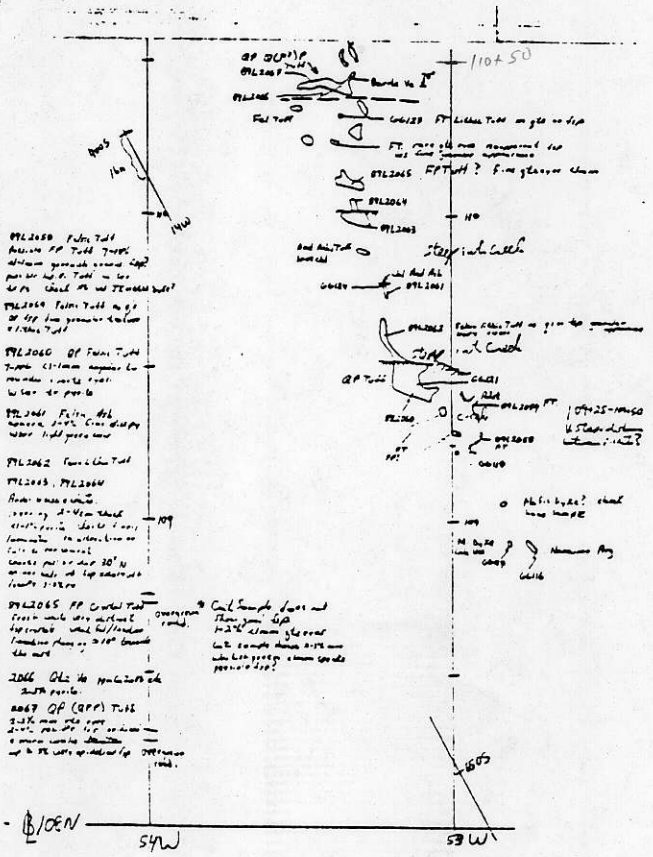
89L2065 FP Crystal Tuff
fresh white very distinct
fsp crystals. weak fol/lineation
lineation plunging ≃10° towards
the east.

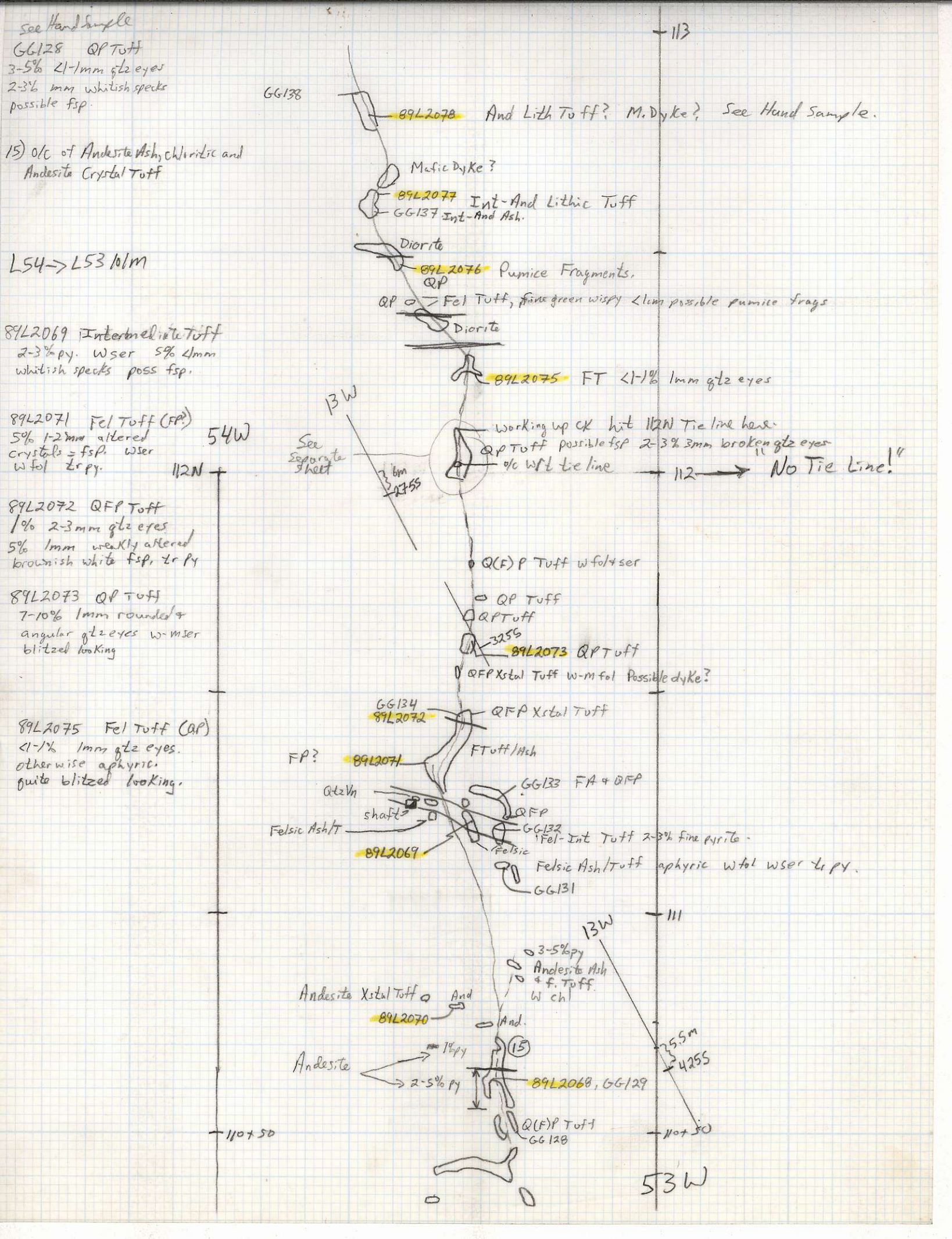
* Cut Sample does not
show good fsp.
1-2% <1mm qtz eyes
cut sample shows 2-3% mm
whitish green <1mm specks
possible fsp?

2066 Qtz Vn ppm Cu Zn Pb etc
2-3% pyrite.

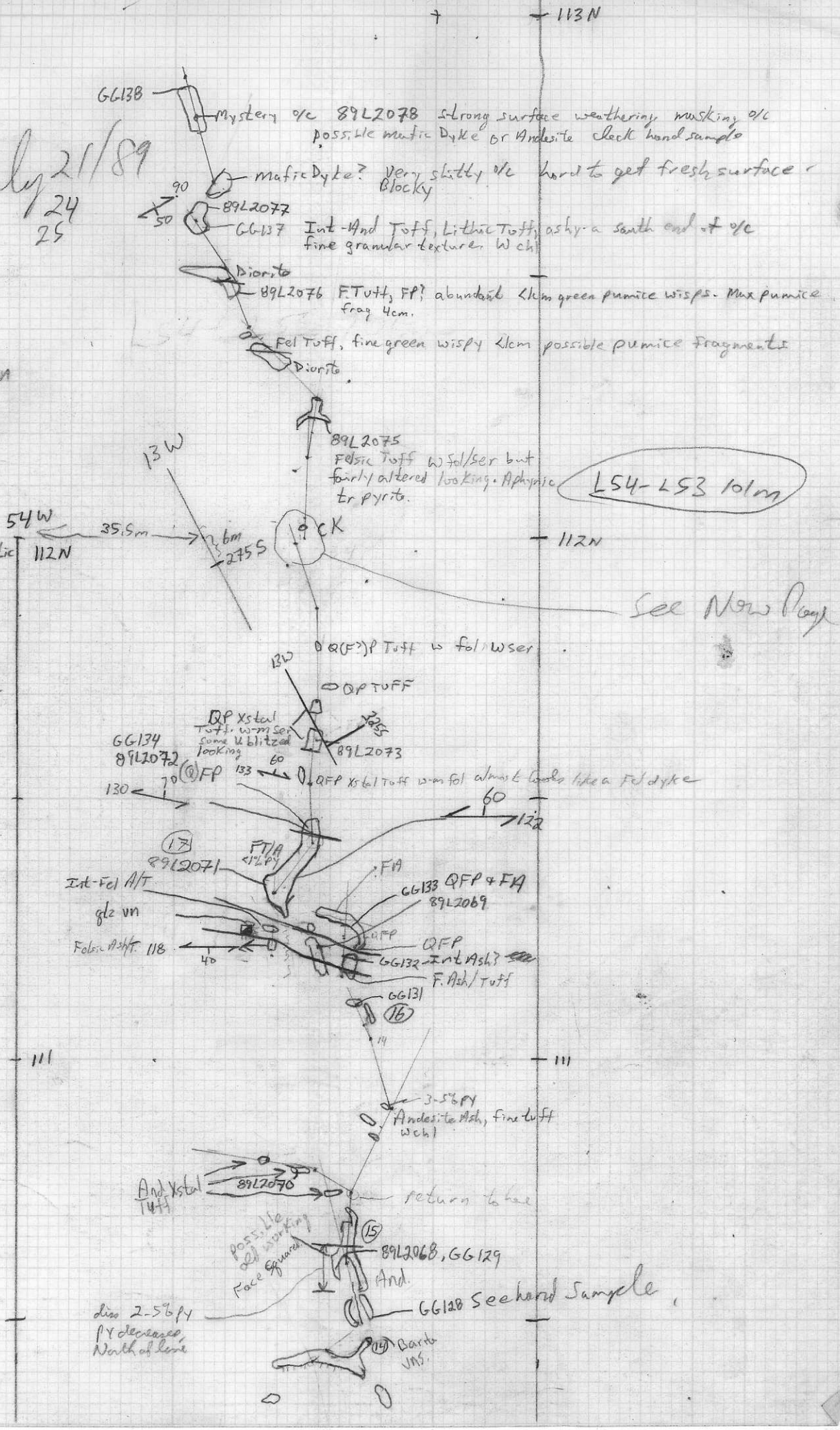
2067 QP (QFP) Tuff
2-3% mm qtz eyes
2-4% possible fsp oxidized
& minor carb/ep alteration
up to 5% wkly epidotized fsp

1:2500




See Hand Sample
GG128 QP Tuff
3-5% <1-1mm qtz eyes
2-3% mm whitish specks
possible fsp.
15) o/c of Andesite Ash, chloritic and Andesite Crystal Tuff
L54 -> L53 10/m
89L2069 Intermediate Tuff
2-3% py. wser 5% <1mm whitish specks poss fsp.
89L2071 Fel Tuff (FP?)
5% 1-2mm altered crystals = fsp. wser wfol tr py.
89L2072 QFP Tuff
1% 2-3mm qtz eyes
5% 1mm weakly altered brownish white fsp, tr py
89L2073 QP Tuff
7-10% 1mm rounded & angular qtz eyes w-mser blitzed looking
89L2075 Fel Tuff (QP)
<1-1% 1mm qtz eyes. otherwise aphyric. quite blitzed looking.
113
GG138
89L2078 And Lith Tuff? M. Dyke? See Hand Sample.
Mafic Dyke?
89L2077 Int-And Lithic Tuff
GG137 Int-And Ash.
Diorite
89L2076 Pumice Fragments.
QP
QP Fel Tuff, fine green wispy <1mm possible pumice frags
Diorite
89L2075 FT <1-1% 1mm qtz eyes
13W
54W
112N
See separate sheet
6m
275S
Working up CK hit 112N Tie line here.
QP Tuff possible fsp 2-3% 3mm broken qtz eyes
o/c w/t tie line
112
No Tie Line!
Q(F)P Tuff w fol & ser
QP Tuff
QP Tuff
325S
89L2073 QP Tuff
QFP Xstal Tuff w-m fol Possible dyke?
GG134
89L2072
QFP Xstal Tuff
FP?
89L2071
FT Tuff/Ash
Qtz Vn
shaft?
GG133 FA & QFP
QFP
Felsic Ash/T
GG132 Fel-Int Tuff 2-3% fine pyrite.
89L2069
Felsic
Felsic Ash/Tuff aphyric w fol wser tr py.
GG131
111
13W
3-5% py
Andesite Ash & f. Tuff w ch
Andesite Xstal Tuff
And
89L2070
And.
15
Andesite
1% py
2-5% py
89L2068, GG129
25.5m
425S
Q(F)P Tuff
GG128
110+50
110+50
53W

July 21/89
24
25



(14) Possible Barite/calcite VN
See hand sample
Vn 30cm wide
dipping ≃70°
NE

15) Andesite Crystal Tuff/Ash chloritic
w-m chl, w ep of fsp
2-4% diss pyrite.

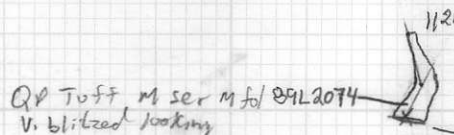
16) Felsic Tuff/Ash
aphyric no fsp or q's
w fol w ser. tr py.

(17) 89L2071
Felsic Ash/Tuff
aphyric, w fol
w ser yet looks
quite blitzed

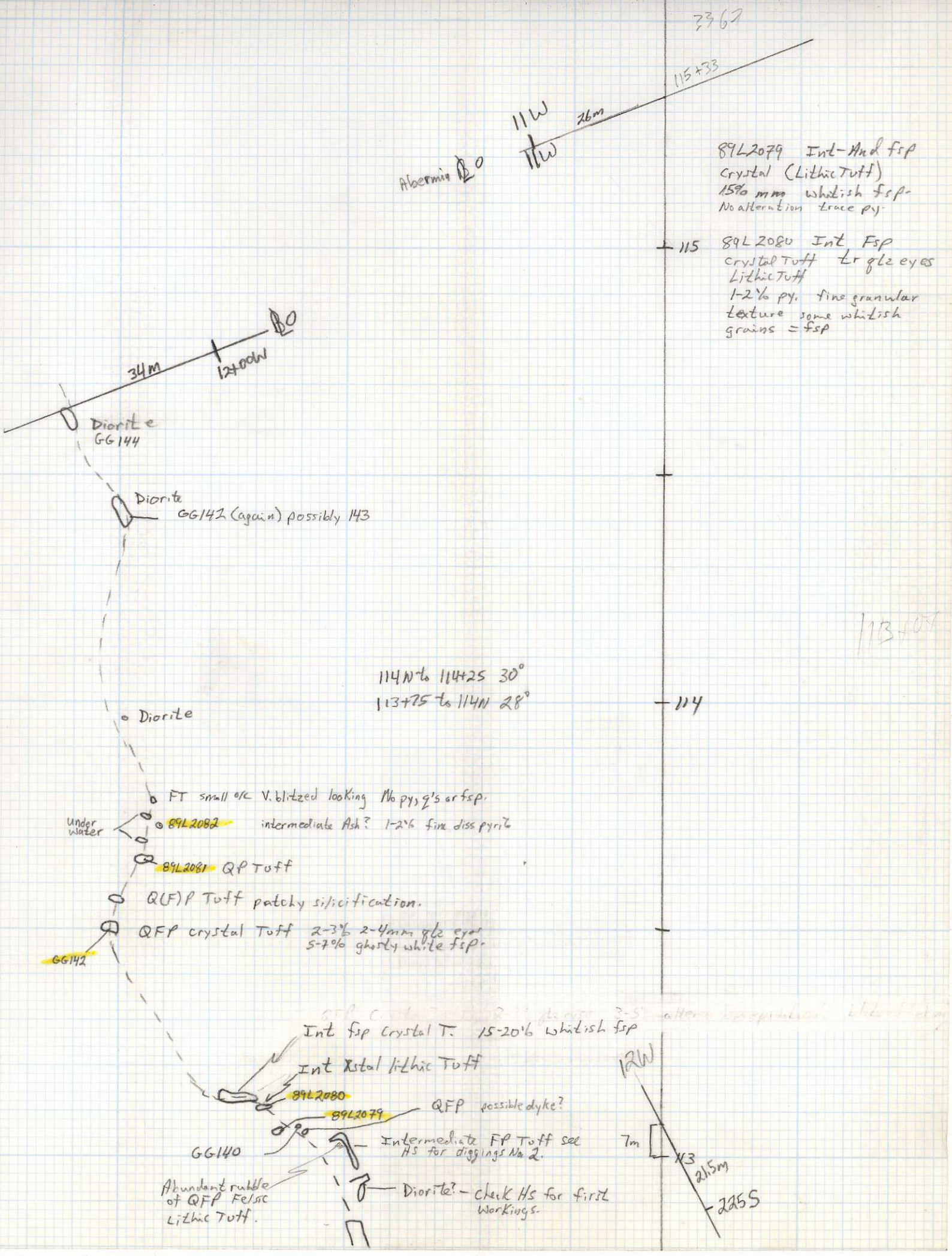
89L2072
See hand Sample
FP Xstal Tuff.
Some q's in o/c
below sample location
very different from
2071 (no fsp)

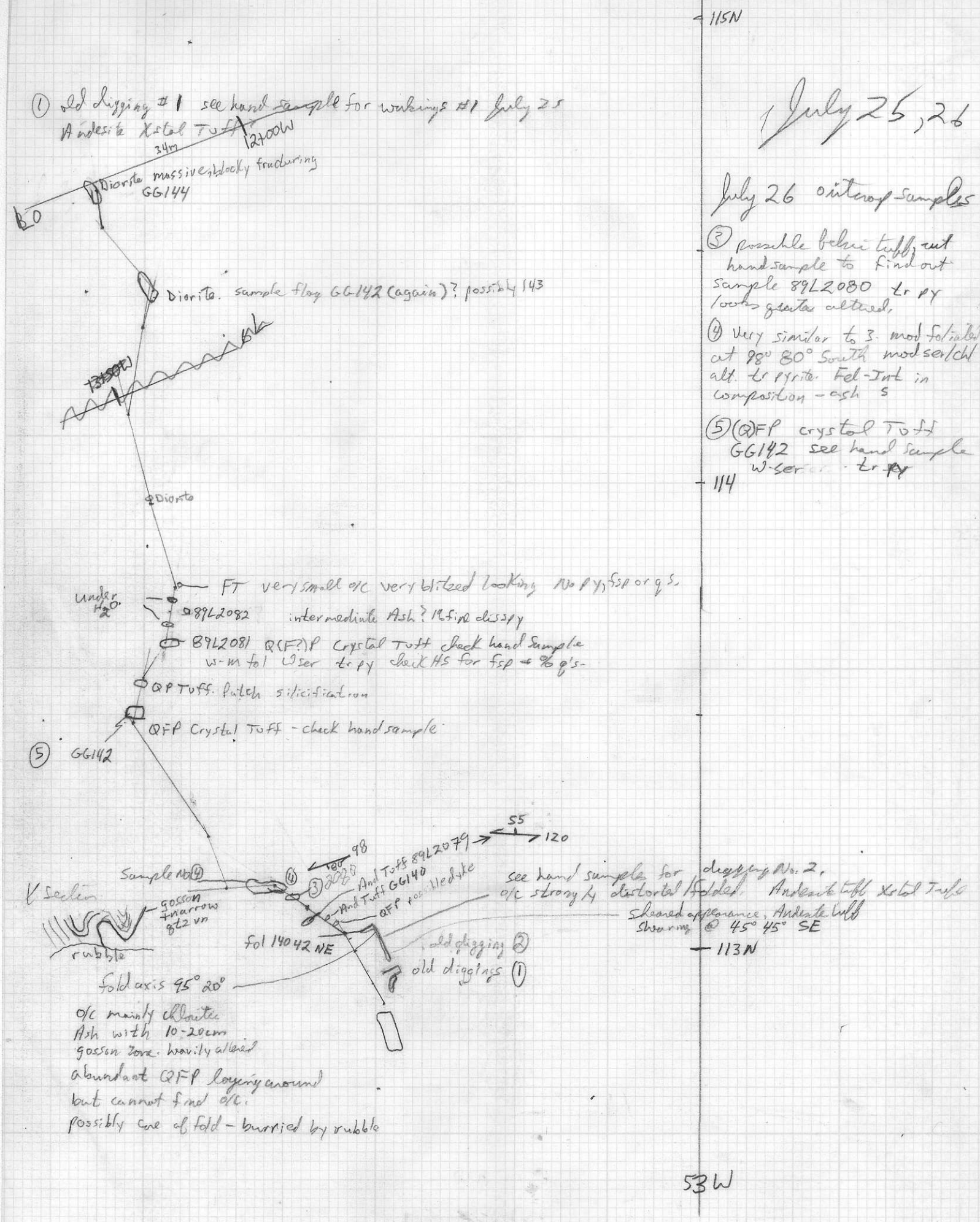
53W

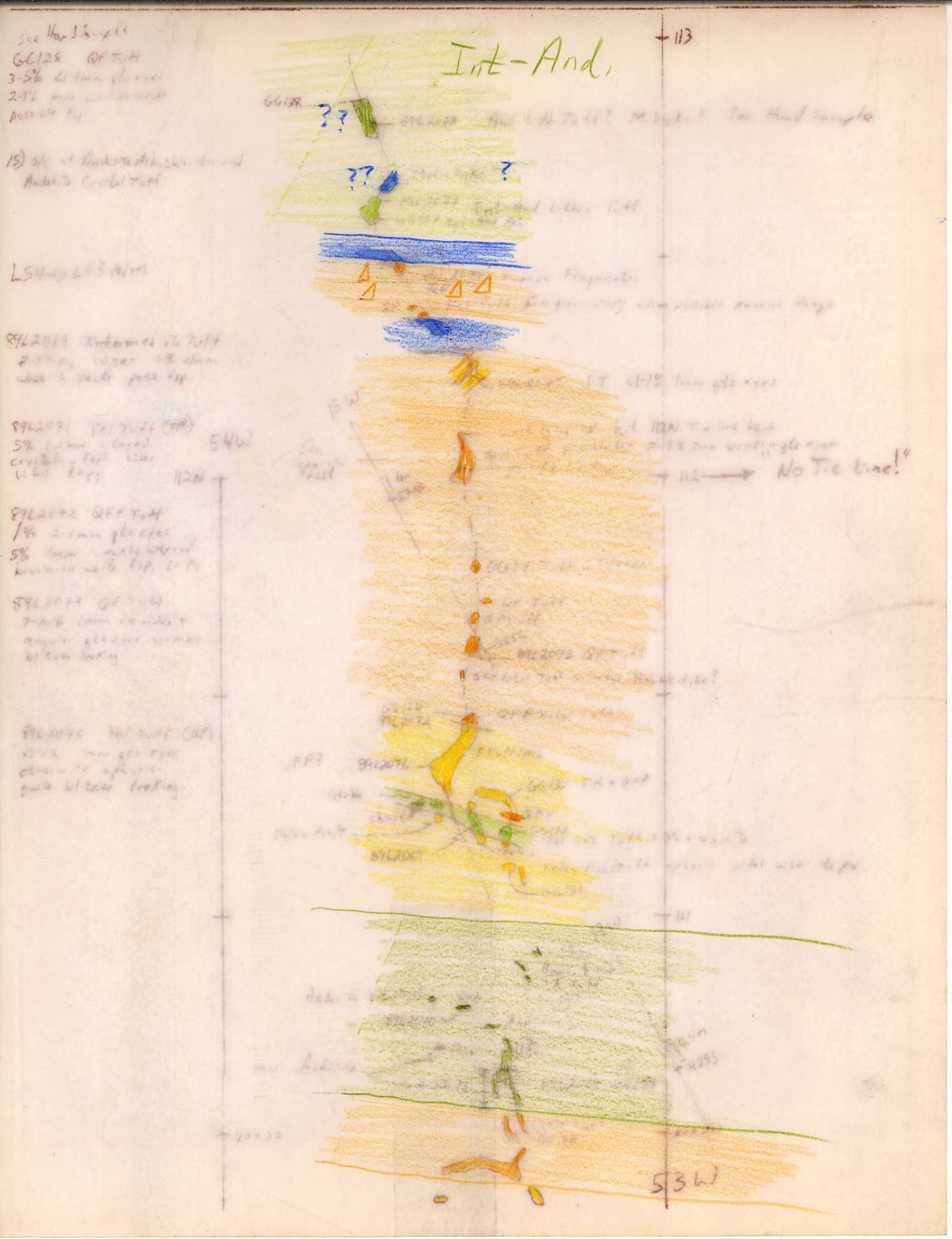
— 112+50N



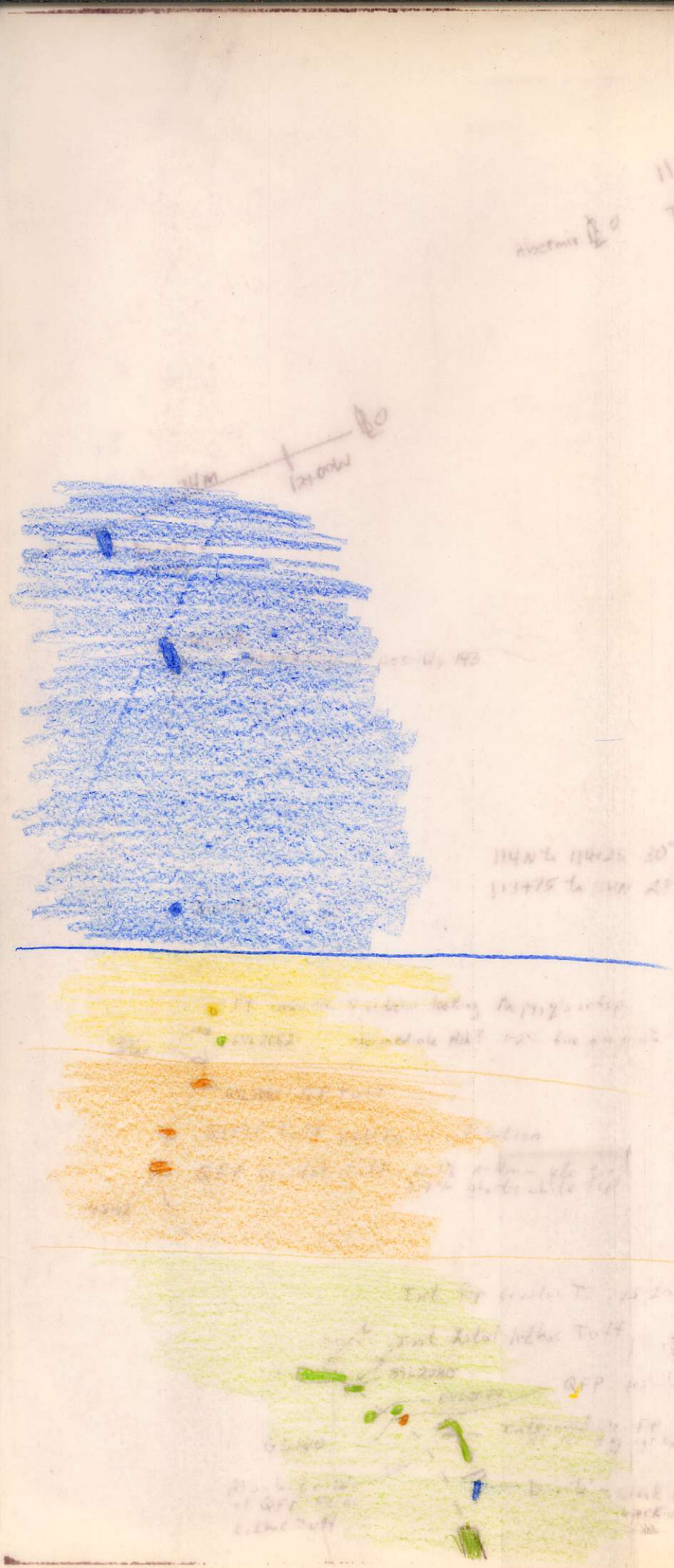
see hand Sample for 89L2074
Sample 2074 QP Tuff very altered appearance. 2-3% fine diss pyrite hand sample from down creek where ok less altered, more massive.

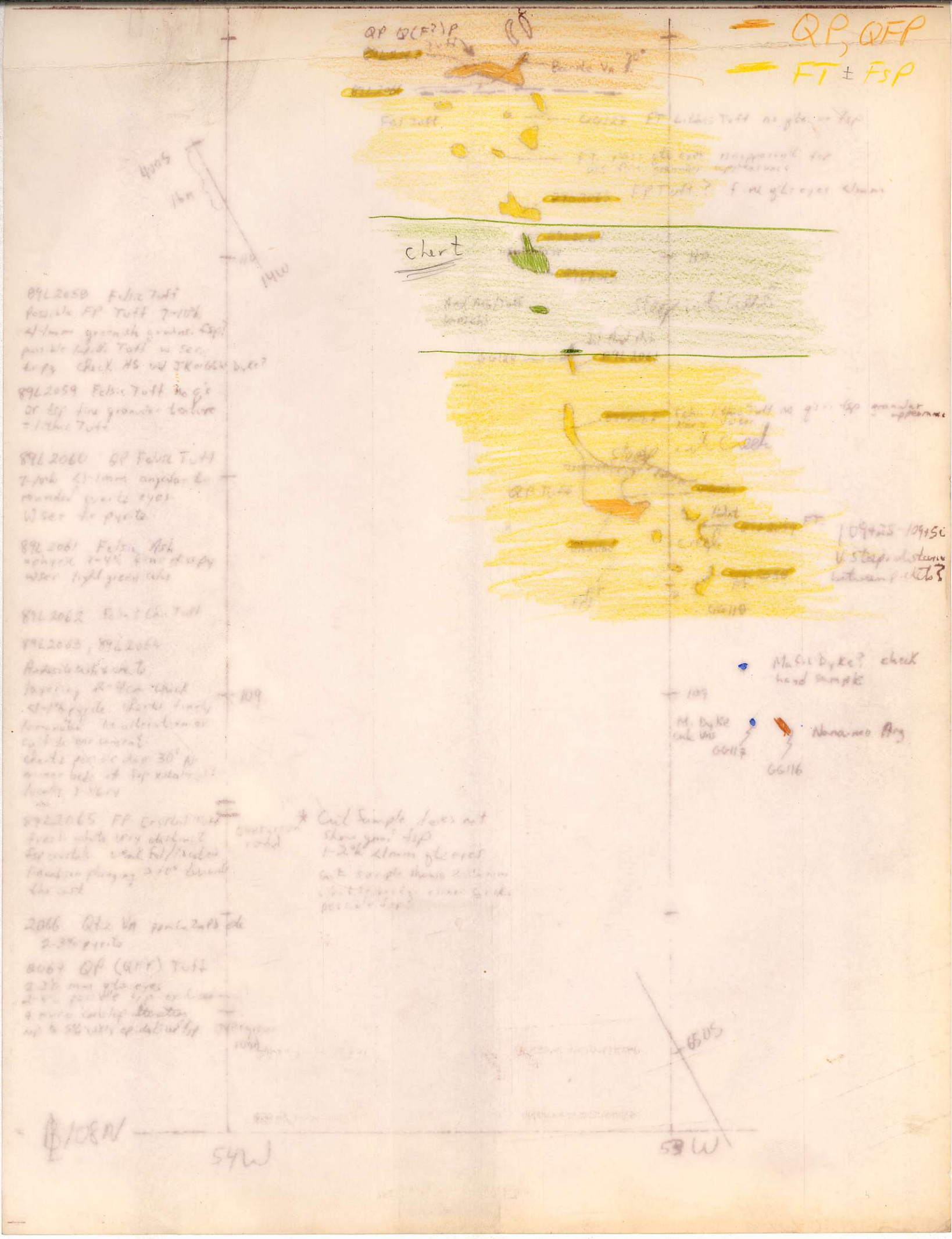

3367
115+33
11W
26m
11W
Abermin ℞O
89L2079 Int-And fsp
Crystal (Lithic Tuff)
15% mm whitish fsp.
No alteration trace py.
115
89L2080 Int Fsp
crystal Tuff tr qtz eyes
Lithic Tuff
1-2% py. fine granular
texture some whitish
grains = fsp
℞O
34m
12+00W
Diorite
GG144
Diorite
GG142 (again) possibly 143
113+07
114N to 114+25 30°
113+75 to 114N 28°
114
Diorite
FT small o/c V. blitzed looking No py, q's or fsp.
Under water
89L2082
intermediate Ash? 1-2% fine diss pyrite
89L2081 QP Tuff
Q(F)P Tuff patchy silicification.
QFP crystal Tuff 2-3% 2-4mm qtz eyes
5-7% ghosty white fsp.
GG142
Int fsp Crystal T. 15-20% whitish fsp
Int Xstal lithic Tuff
89L2080
89L2079
QFP possible dyke?
GG140
Intermediate FP Tuff see
HS for diggings No. 2.
Abundant rubble
of QFP Felsic
Lithic Tuff.
Diorite? - check HS for first
workings.
12W
7m
113
21.5m
225S

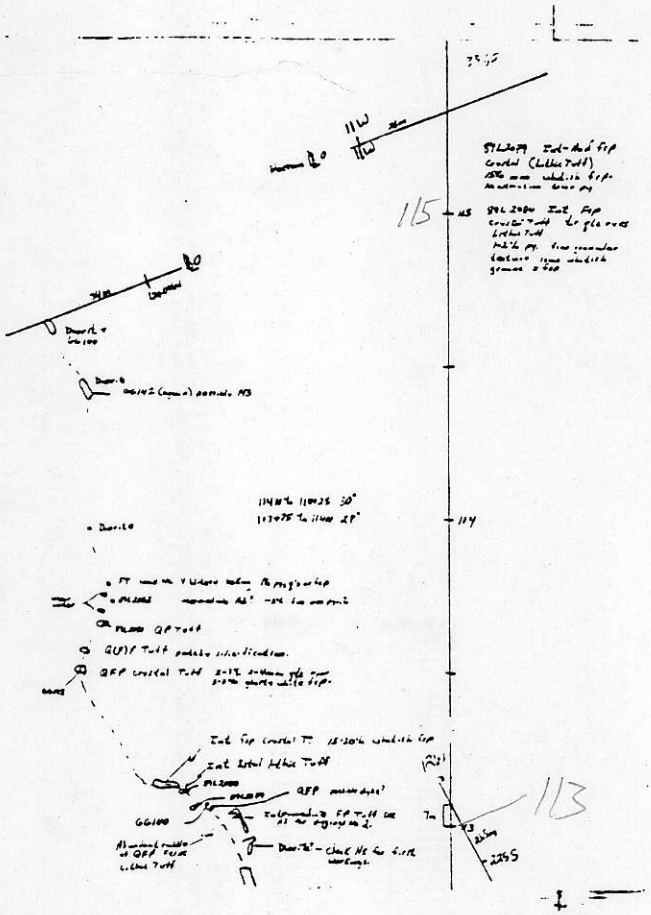

115N
July 25, 26
July 26 outcrop samples
③ possible felsic tuff, cut hand sample to find out sample 89L2080 tr py looks quite altered.
④ Very similar to 3. mod foliated at 98° 80° South mod ser/chl alt. tr pyrite. Fel-Int in composition - ash s
⑤ (Q)FP crystal Tuff GG142 see hand sample W-ser tr py
114
① old digging #1 see hand sample for workings #1 July 25
Andesite Xstal Tuff
2+00W
34m
Diorite massive, blocky fracturing
GG144
Diorite. sample flag GG142 (again)? possibly 143
Diorite
FT very small o/c very blitzed looking No py, fsp or qs.
under H2O
89L2082 intermediate Ash? 1% fine diss py
89L2081 Q(F?)P Crystal Tuff check hand sample
w-m fol W ser tr py check HS for fsp + % q's
QP Tuff. Patch silicification
QFP Crystal Tuff - check hand sample
⑤ GG142
55
120
98
And Tuff 89L2079
And Tuff GG140
QFP possible dyke
Sample No ④
③
see hand sample for digging No. 2.
o/c strongly distorted/folded. Andesite tuff Xstal Tuff
Sheared appearance, Andesite tuff
Shearing @ 45° 45° SE
113N
K Section
gosson + narrow qtz vn
rubble
fol 140 42 NE
old digging ②
old diggings ①
fold axis 95° 20°
o/c mainly chloritic
Ash with 10-20cm
gosson zone. heavily altered
abundant QFP laying around
but cannot find o/c.
possibly core of fold - burried by rubble
53W

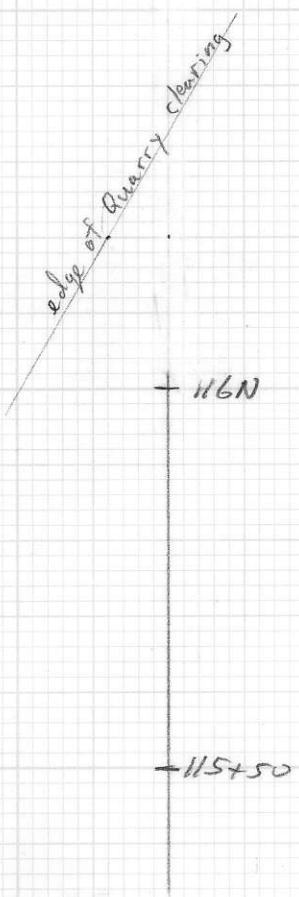


Int-And.
113
GG138
??
89L2068
Int-And Lithic Tuff
Fragments
13W
54W
112N
112
"No Tie Line!"
89L2072
89L2071
89L2069
111
Andesite
53W

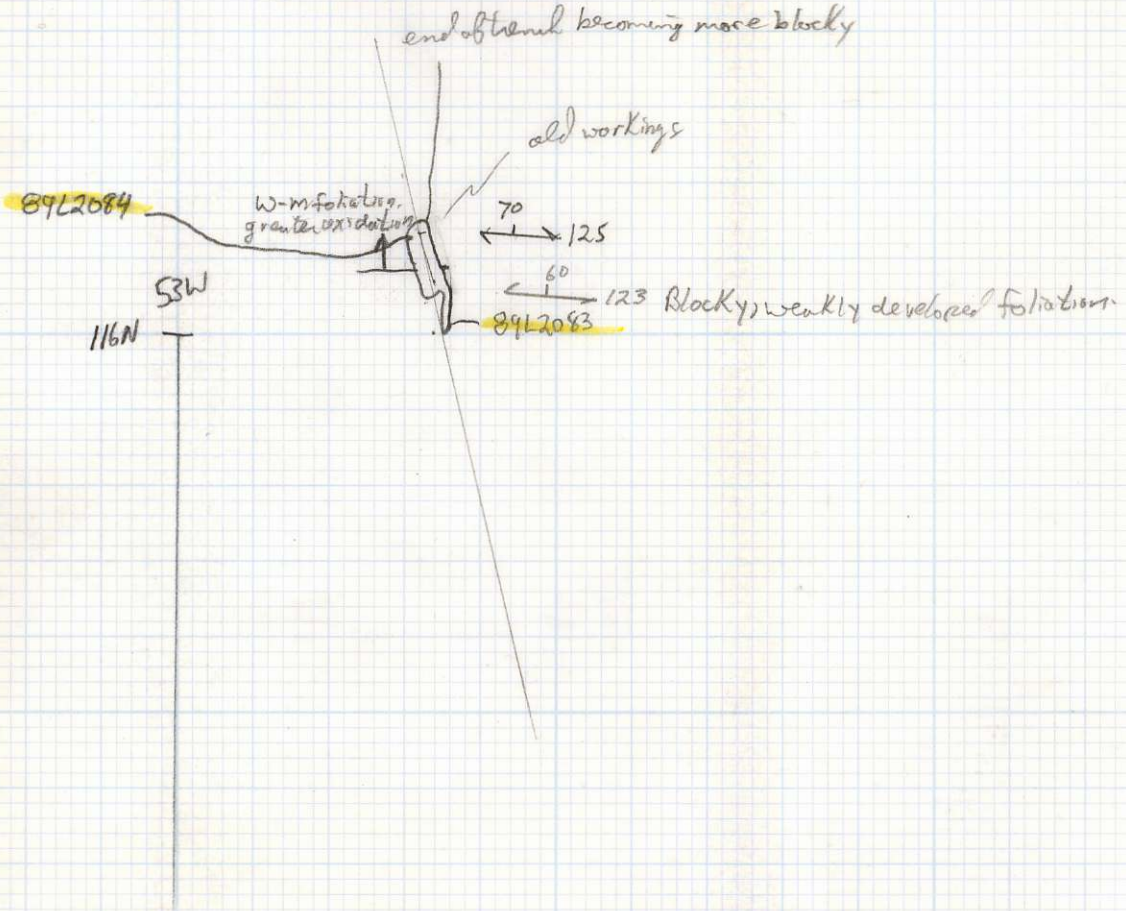


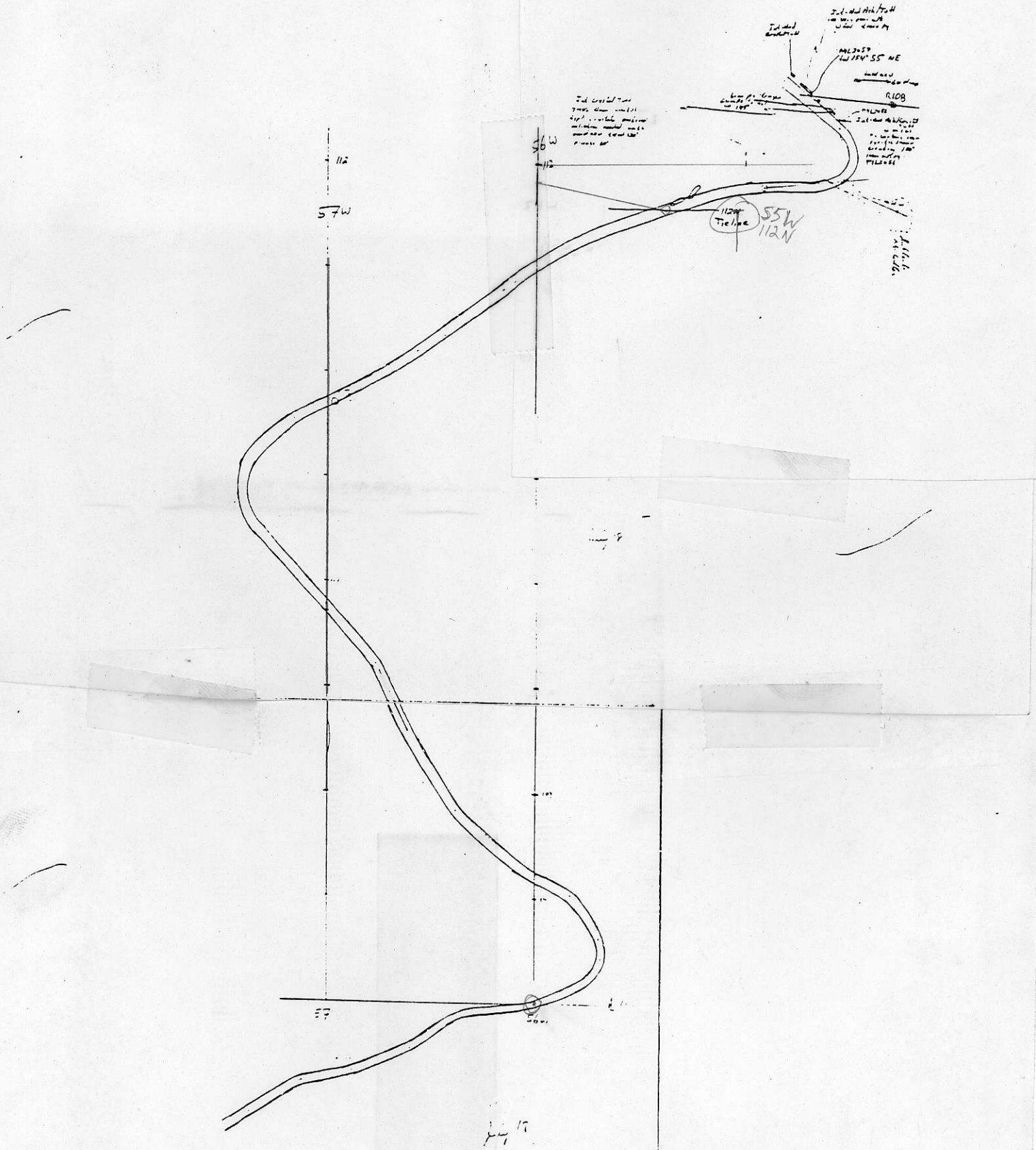

QP, QFP
FT ± FSP
QP Q(F?)P
Barite Vn
Fel Tuff
FT Lithic Tuff no qtz or fsp
FP Tuff? fine qtz eyes
Chert
Stop
Creek
QP Tuff
FT
GG118
109+25 - 109+50
V. Steep distance between pickets?
Mafic Dyke? check hand sample
M. Dyke
GG117
GG116
Nanaimo Arg
109
109
4005
16m
14W
6505
54W
53W
108N
89L2058 Felsic Tuff
possible FP Tuff 7-10%
89L2059 Felsic Tuff no qtz or fsp fine granular texture
89L2060 QP Felsic Tuff
89L2061 Felsic Ash
89L2062 Felsic Chert Tuff
89L2063, 89L2064
89L2065 FP Crystal Tuff
2066 Qtz Vn
2067 QP (QFP) Tuff
* Cut sample does not show good fsp
1-2% <1mm qtz eyes
Overgrown road
Overgrown road

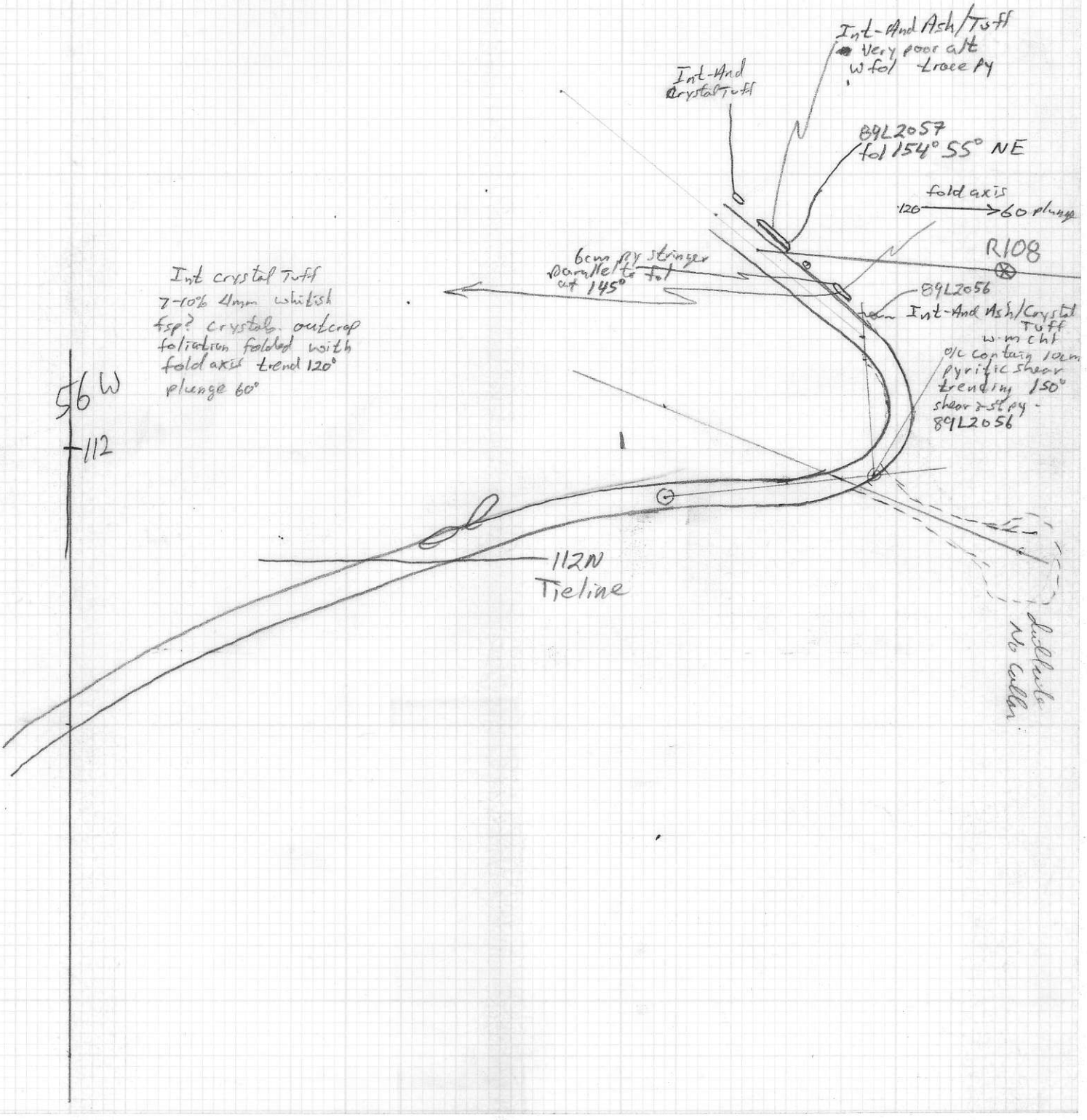


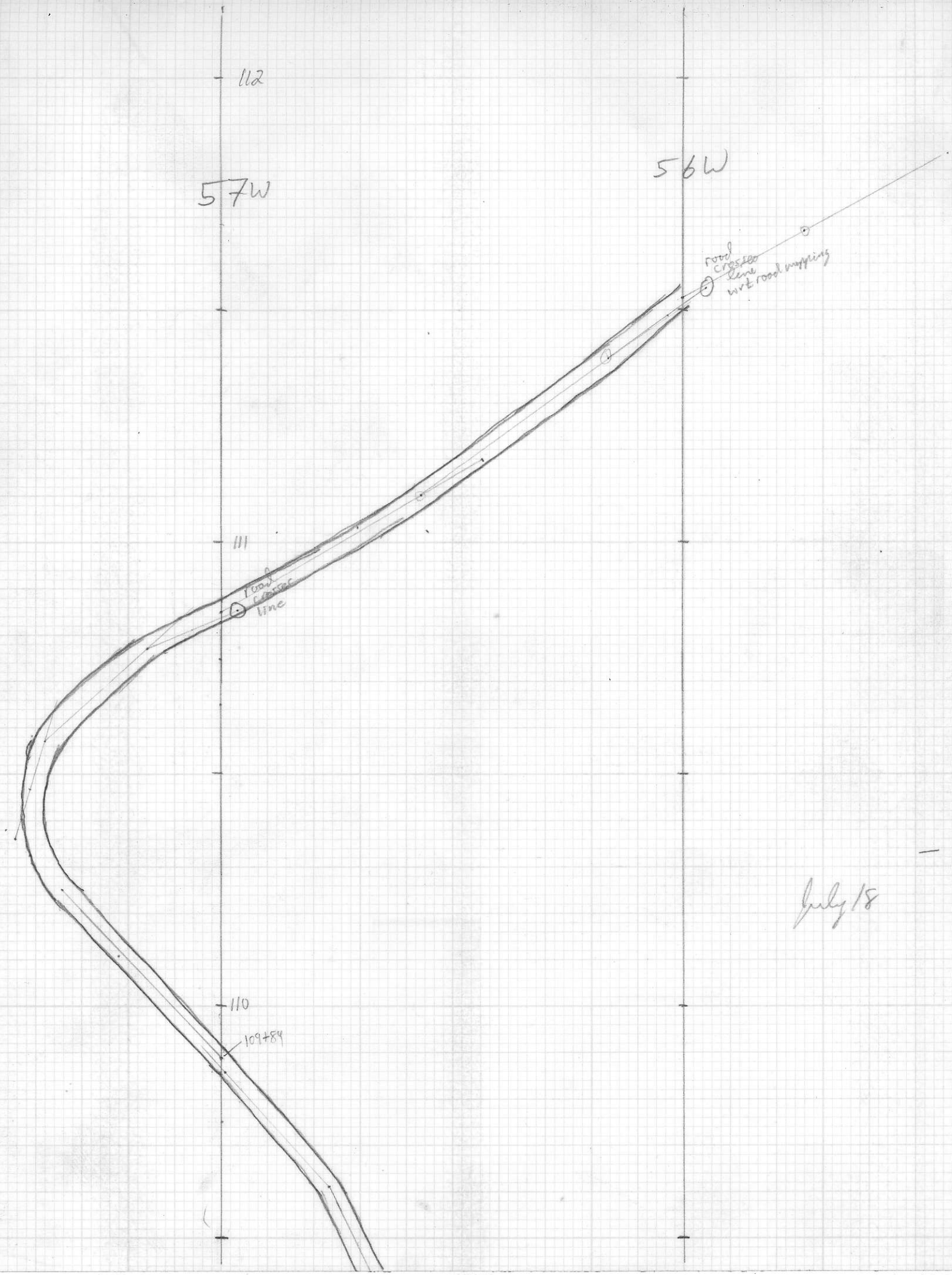

edge of quarry clearing
116N
115+50

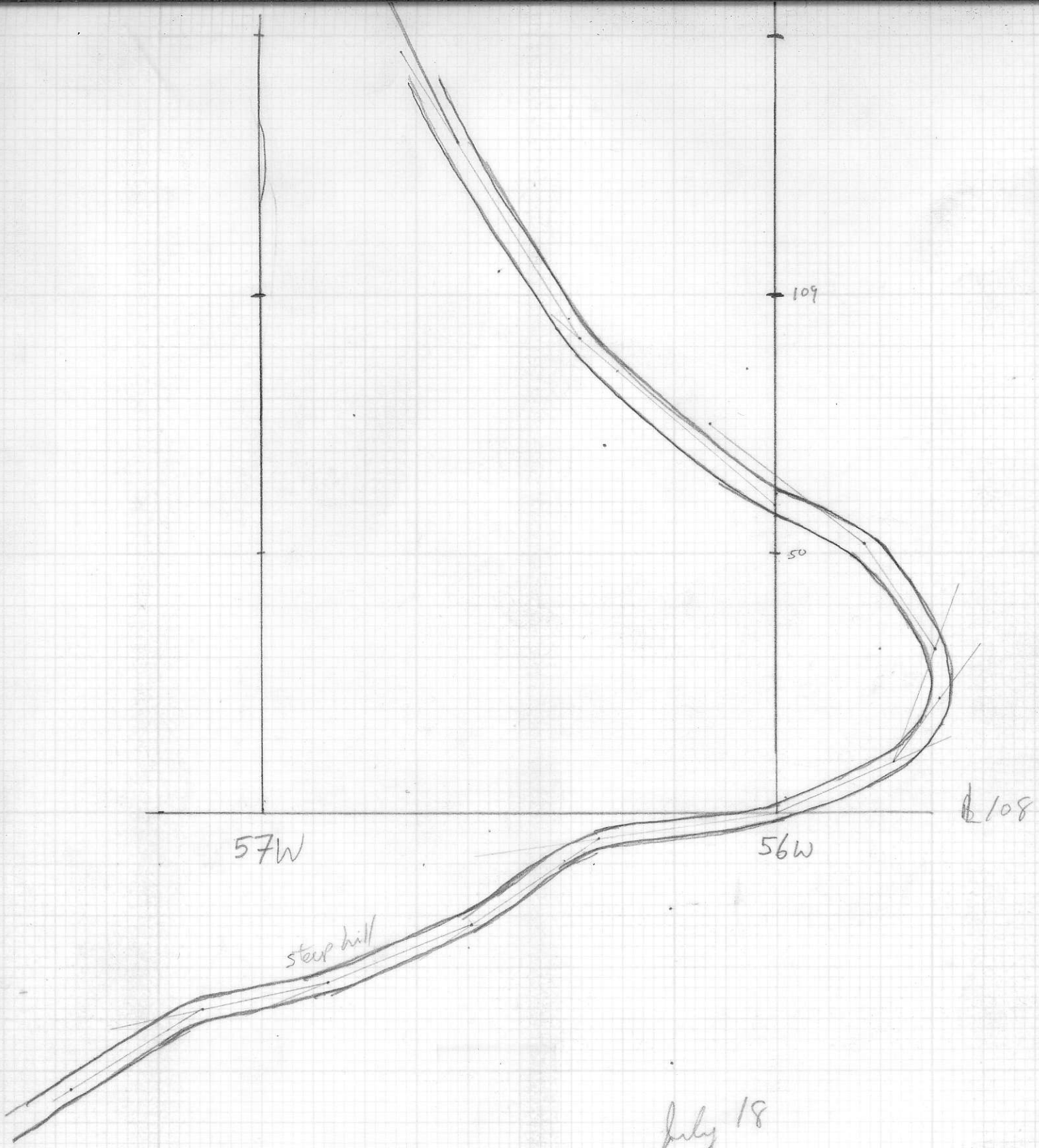
old workings QP tuff. W fol / W ser
1mm q's some to 3mm. <1% py
moving north along trench increase foliation/shearing greater oxidation staining




R108
55W
112N
Tieline

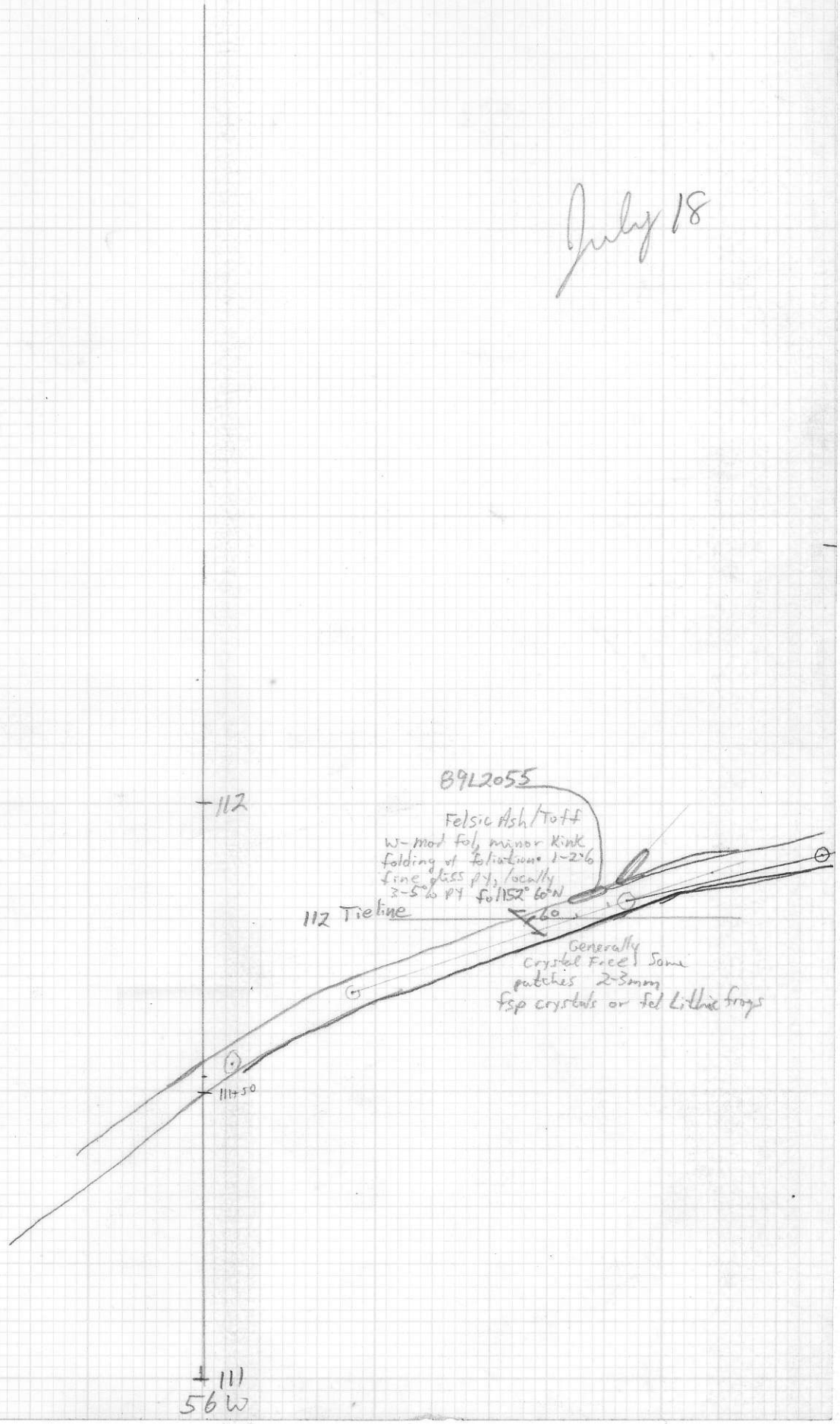

Int-And Ash/Tuff
Very poor alt
w fol trace py
Int-And
Crystal Tuff
89L2057
fol 154° 55° NE
fold axis
120 → 60 plunge
R108
6cm py stringer
parallel to fol
at 145°
89L2056
Int-And Ash/Crystal
Tuff
w-m chl
o/c contain 10cm
pyritic shear
trending 150°
shear 3-5% py -
89L2056
Int crystal Tuff
7-10% 4mm whitish
fsp? crystals. outcrop
foliation folded with
fold axis trend 120°
plunge 60°
56 W
112
112N
Tieline
dubbed
No collar


112
57W
56W
road crossed here wrt road mapping
111
road crossed line
110
109+84
July 18



July 18

July 18



89L2055
Felsic Ash/Toff
W-mod fol, minor kink
folding of foliation. 1-2%
fine diss py, locally
3-5% py fol 152° 60°N
112
112 Tieline
60
Generally
Crystal Free. Some
patches 2-3mm
fsp crystals or fel Lithic frags
111+50
111
56W

~~(F2)~~ Felsic FP

① ~~QP Felsic~~ Lapilli Tuff wkly fol. siliceous. with elongate, flattened siliceous fragments and green pumice fragments. Flattened. tr pyrite

Trend & Plunge of rodding 116° 20°

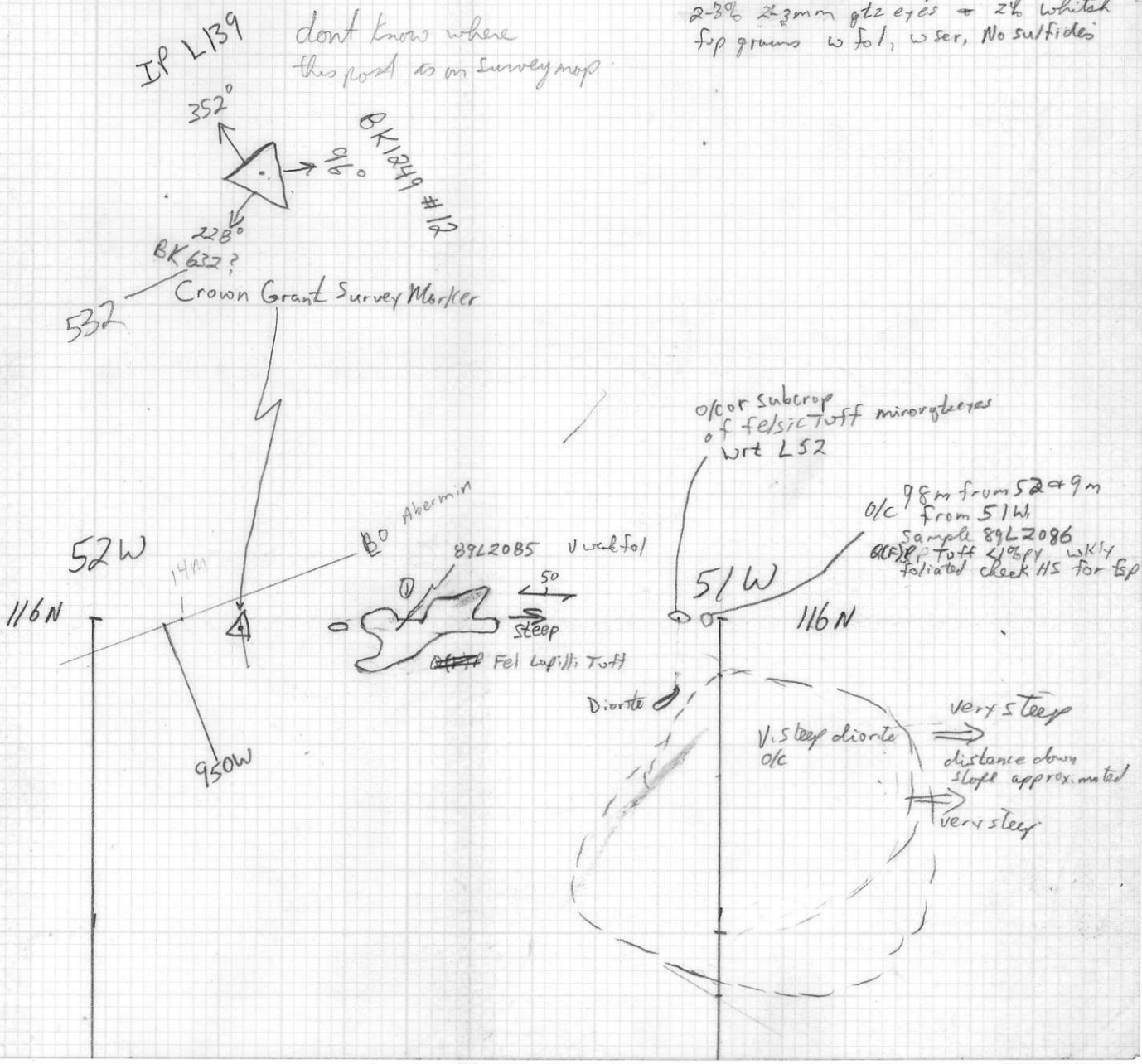
fragments up to 8-10cm long but <0.5cm wide.

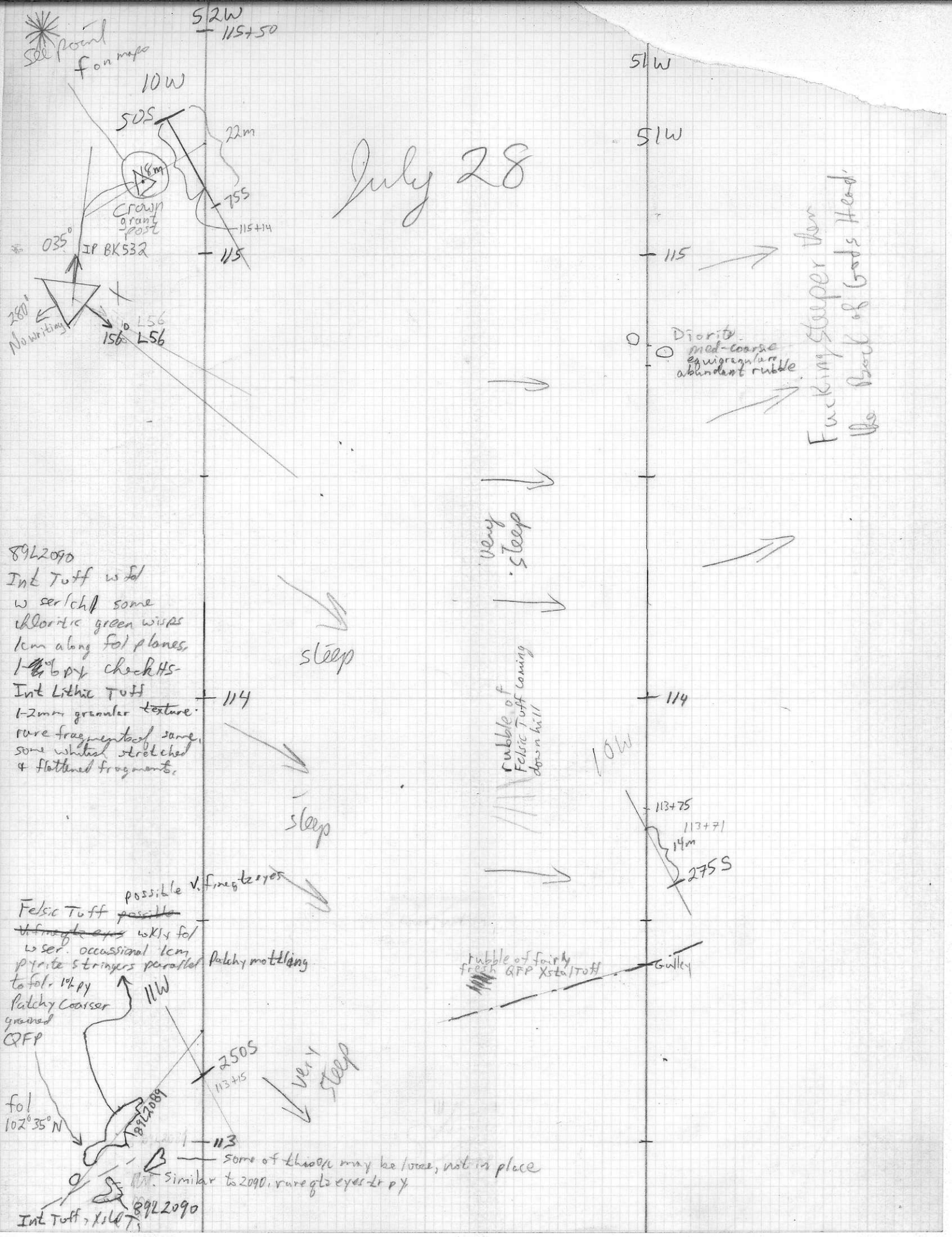
FP Groundmass

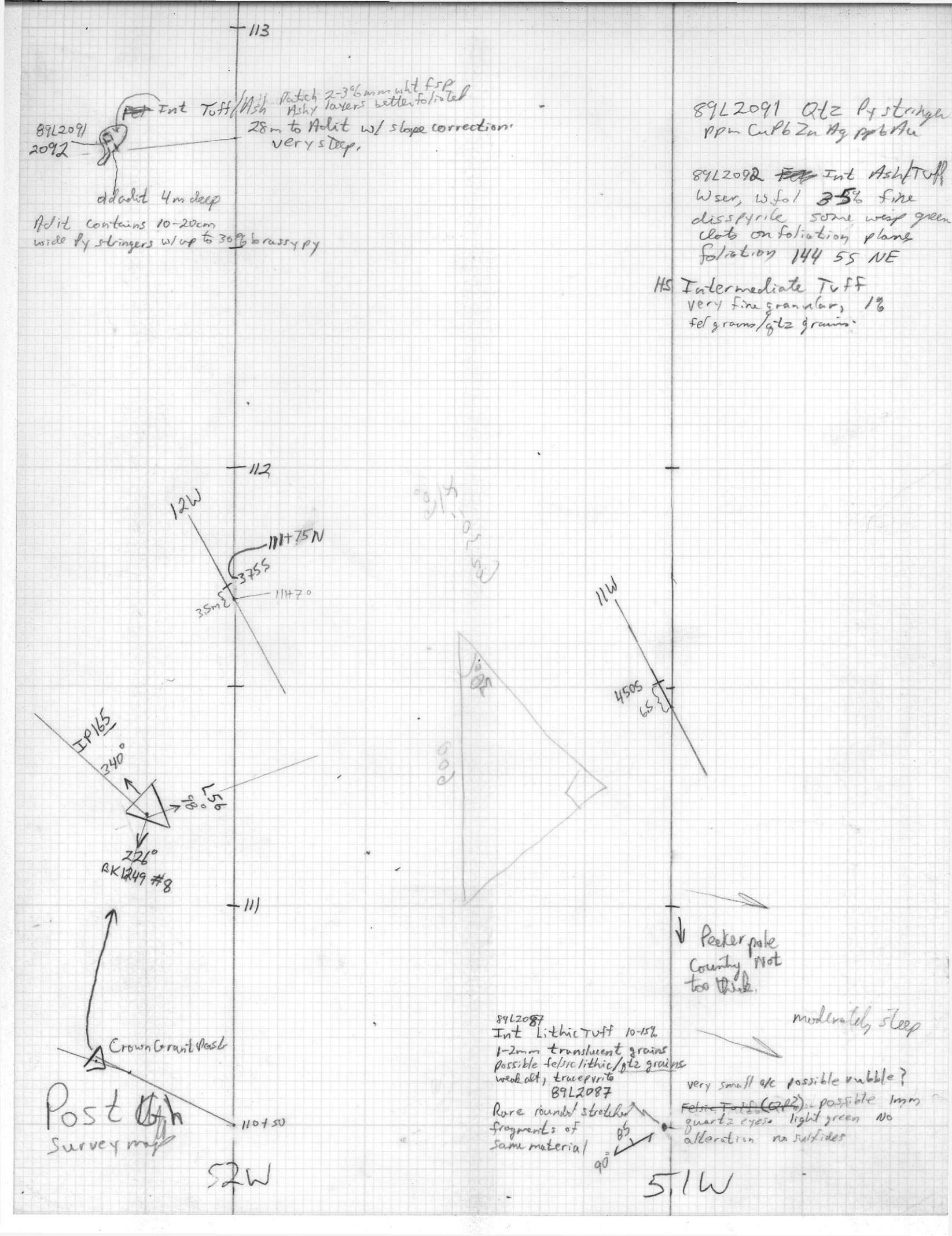
L53 to Line 52
102m

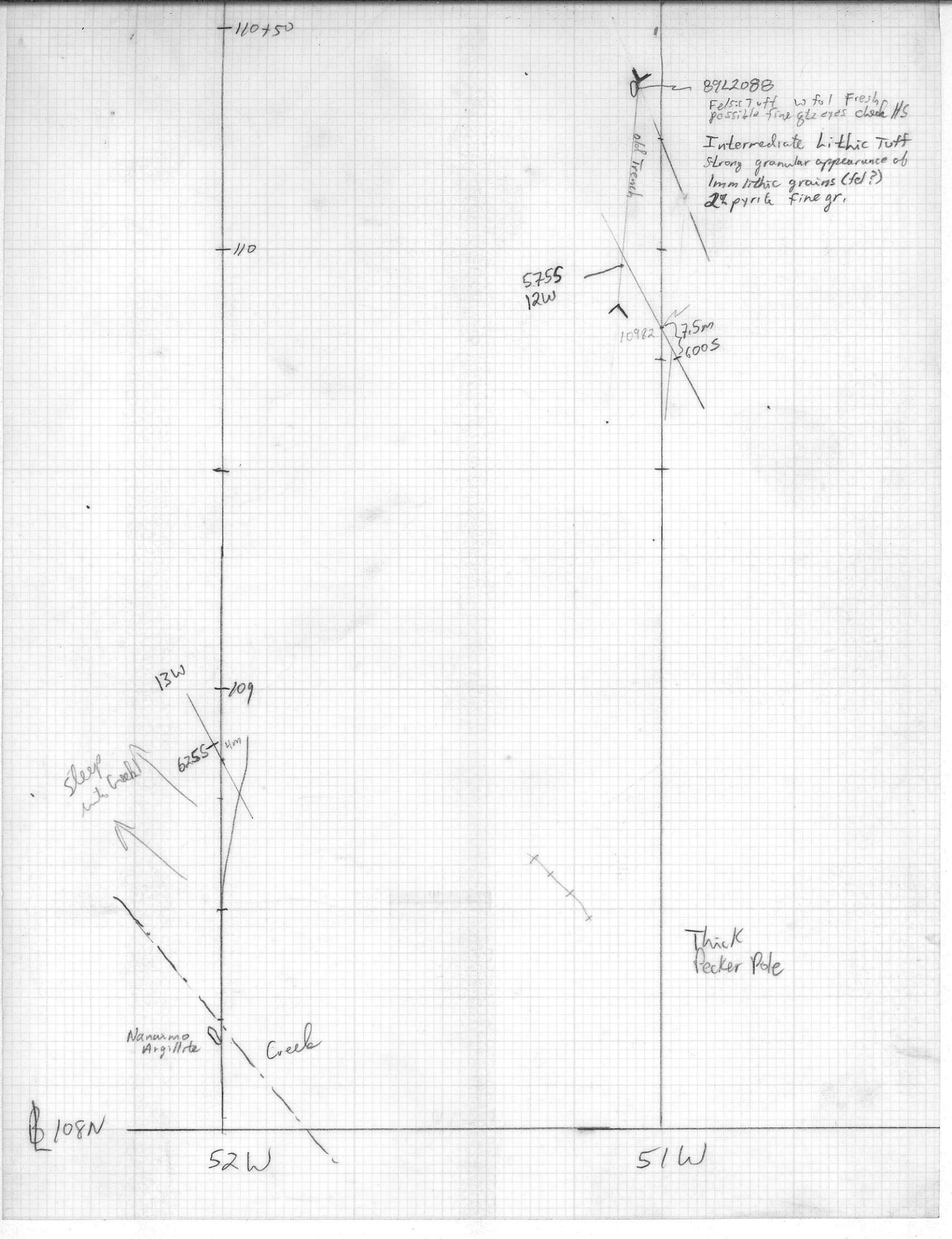
L52 to L51 107m Slope
corrected last 50m

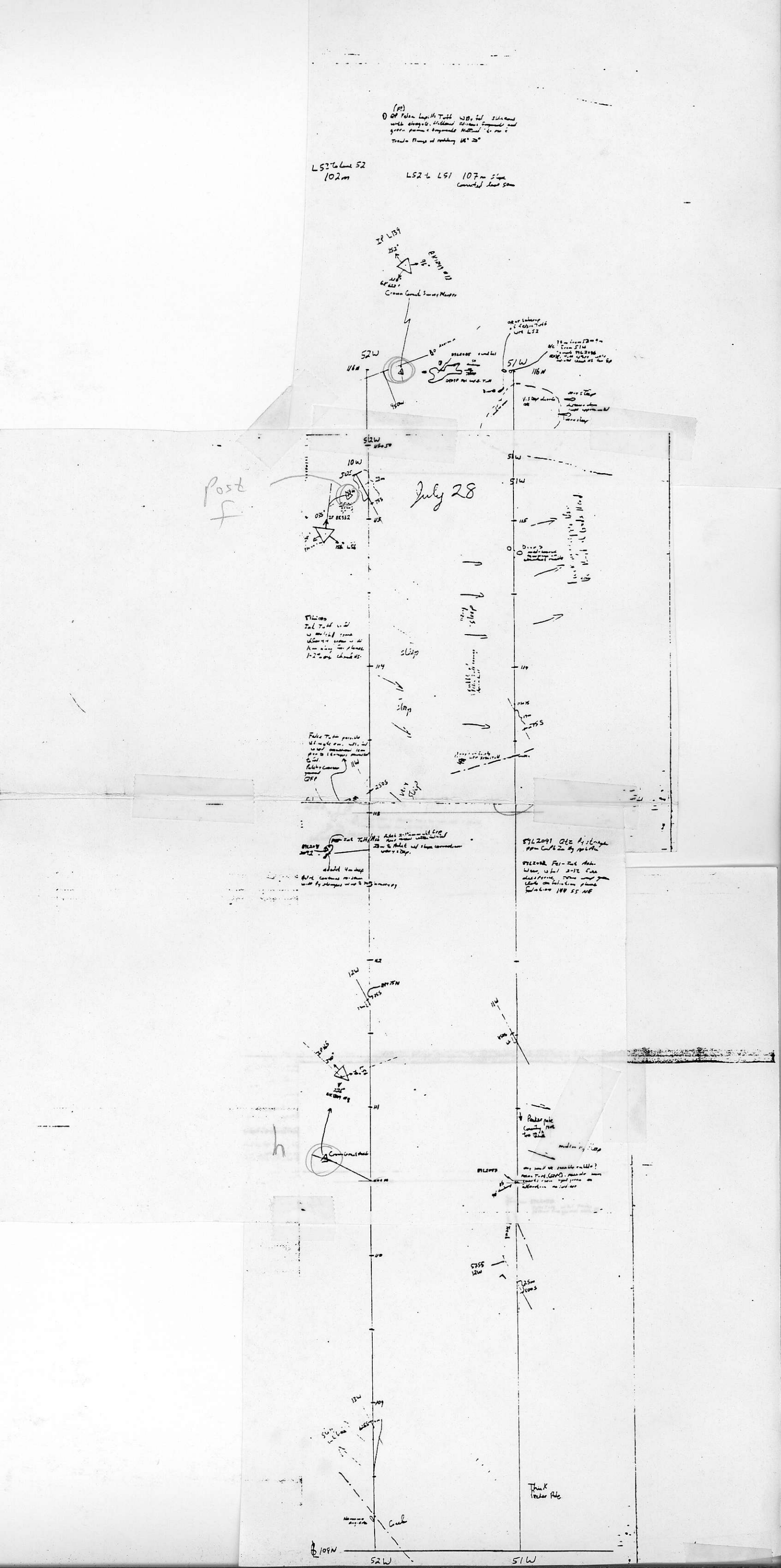
89L2086 Q FP Crystal Tuff
2-3% 2-3mm qtz eyes + 2% whitish fsp grains w fol, w ser, No sulfides




July 28
52W
115+50
see point f on maps
10W
50S
22m
18m
Crown grant post
75S
115+14
035°
IP BK532
115
280°
No writing
156
L56
51W
51W
115
Diorite med-coarse equigranular abundant rubble
Fucking steeper than the Back of Gods Head
very steep
89L2090
Int Tuff w fol w ser/chl some chloritic green wisps 1cm along fol planes, 1-6% py check HS-
Int Lithic Tuff
1-2mm granular texture. rare fragments of same, some whitish stretched & flattened fragments.
steep
114
114
rubble of Felsic Tuff coming down hill
10W
113+75
113+71
14m
275S
steep
Felsic Tuff possible v. fine qtz eyes wkly fol w ser. occassional 1cm pyrite stringers parallel to fol. 1% py
Patchy mottling
rubble of fairly fresh QFP Xstal Tuff
Gulley
Patchy Coarser grained QFP
11W
250S
113+15
very steep
fol 102°35°N
89L2089
113
some of this o/c may be loose, not in place
Similar to 2090, rare qtz eyes tr py
89L2090
Int Tuff, Xstal T.


113
Int Tuff/Ash Patch 2-3% mm wht fsp
Ashy layers better foliated
28m to Adit w/ slope correction
very steep.
89L2091
2092
Adadit 4m deep
Adit contains 10-20cm
wide Py stringers w/ up to 30% brassy py
89L2091 Qtz Py stringer
ppm CuPbZnAg ppbAu
89L2092 Int Ash/Tuff
Wser, wfol 3-5% fine
disspyrite some wisp green
clots on foliation plane
foliation 144 55 NE
HS Intermediate Tuff
very fine granular, 1%
fel grains/qtz grains.
112
12W
111+75N
375S
35m
111+70
11W
450S
65
IP165
340°
L56
98°
226°
BK1249 #8
111
Peeker pole
Country Not
too thick.
moderately steep
89L2087
Int Lithic Tuff 10-15%
1-2mm translucent grains
possible felsic lithic/qtz grains
weak alt, trace pyrite
89L2087
Rare rounded stretched
fragments of
same material
85
90°
very small o/c possible rubble?
possible 1mm
quartz eyes light green No
alteration no sulfides
Crown Grant Post
Post
Survey map
110+50
52W
51W


110+50
110
109
8922088
Felsic Tuff w fol Fresh
possible fine gls eyes check HS
Intermediate Lithic Tuff
Strong granular appearance of
1mm lithic grains (fel?)
2% pyrite fine gr.
old Trench
5755
12W
10982
7.5m
600S
13W
6255
Hm
Sleep
Creek
Thick
Pecker Pole
Nanaimo
Argillite
Creek
108N
52W
51W



L52 to Line 52
102m
L52 to L51 107m slope
52W
51W
116N
Post f
July 28
10W
Thick Pocket Pole
52W
51W

89L2095 QP, Felsic Crystal Tuff
3-5% 2-3mm round qtz eyes
weakly sericitic No pyrite but
rock does have a rusted appearance.

89L2096 QP Lithic Felsic Tuff
1-2% qtz eyes, weakly granular =
lithic material. weakly sericitic to
no alteration No sulfides

89L2097 Andesitic lithic Tuff
very fine granular appearance
<1% qtz eyes Very weakly chloritic
No sulfides
5-7% ~~so~~ mm indistinct fsp

Aug 1/89

L50 to L49 110m slope Corrected

116 Tie line to 48W

to L5°
110m
116W
49

L49 to L48 111 m slope corrected

89L2104 Int-And Lithic Tuff
fine grained <1mm granular material
some fine translucent grains.

L48 to L47
117m slope
corrected

48W
116N
116 Tie line
16m
116N
47W

fol 105° 60° N

750
440
310

QP felsic Tuff
2-4% 1-2mm qtz eyes
mod fol, weakly ser
No sulfides

89L2095

48W
116N

89L2104 Andesite Tuff
fresh <1% pyrite .10-30cm
block
thick
bedding

116N Tie line
emerges 16m N of 116N
pickup

47W
116N

fol 80° 45° N

QP felsic Xstal Tuff

~70° contact

89L2096

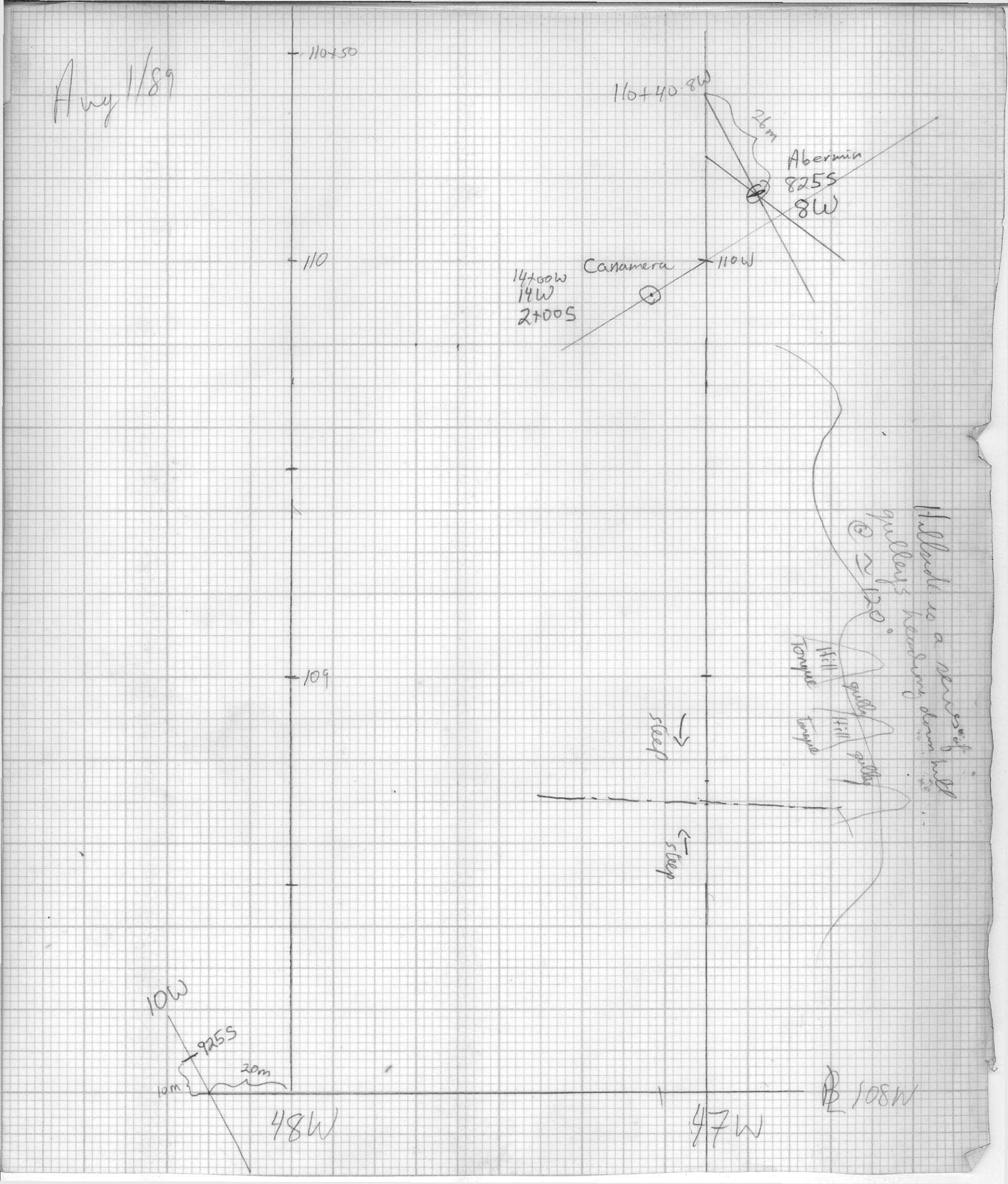
2097

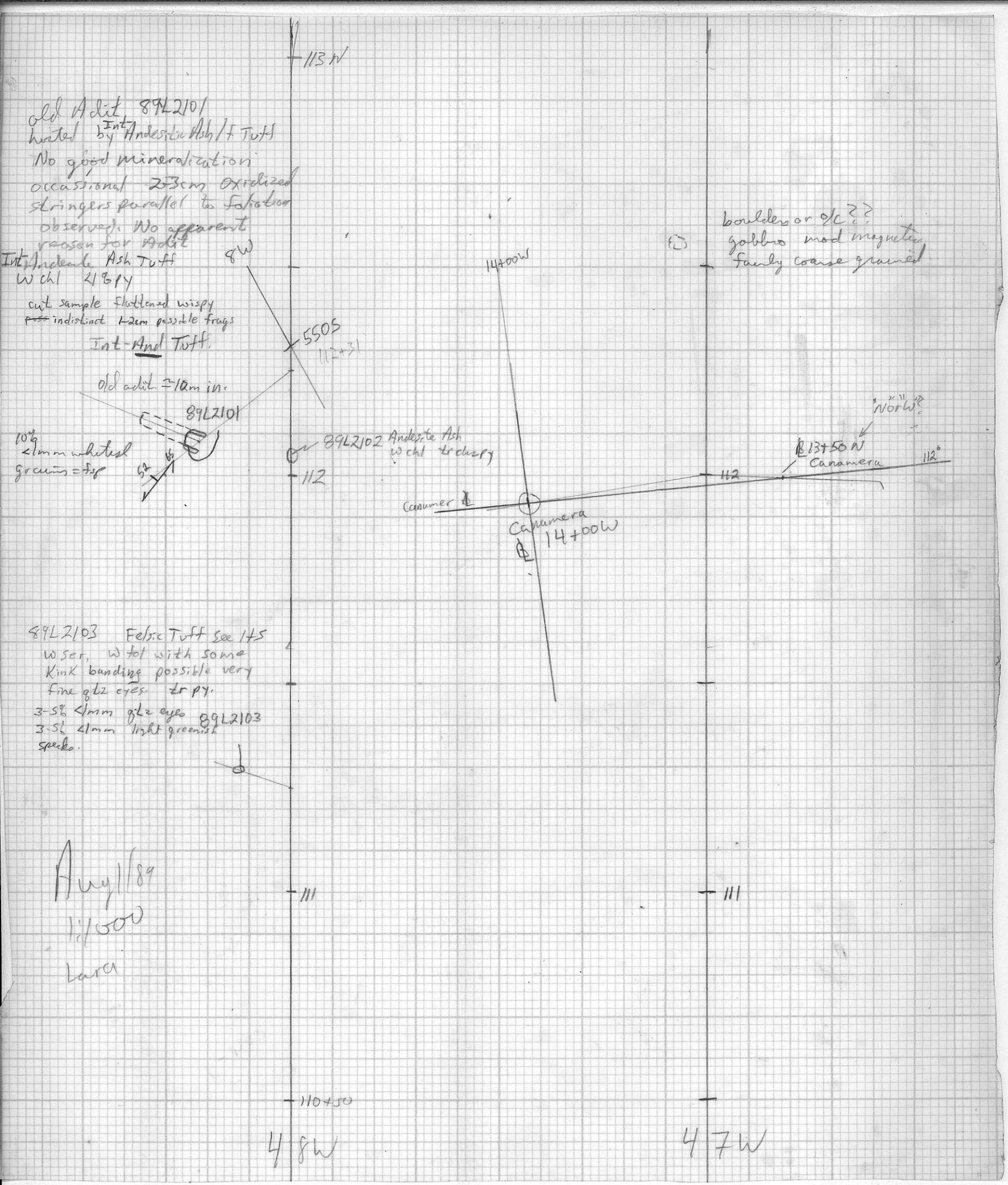
Andesite Tuff. See hand sample
w mod fol. No alt or sulfides

Int-And Ash/Lt Tuff
w fol
No alt or sulfides

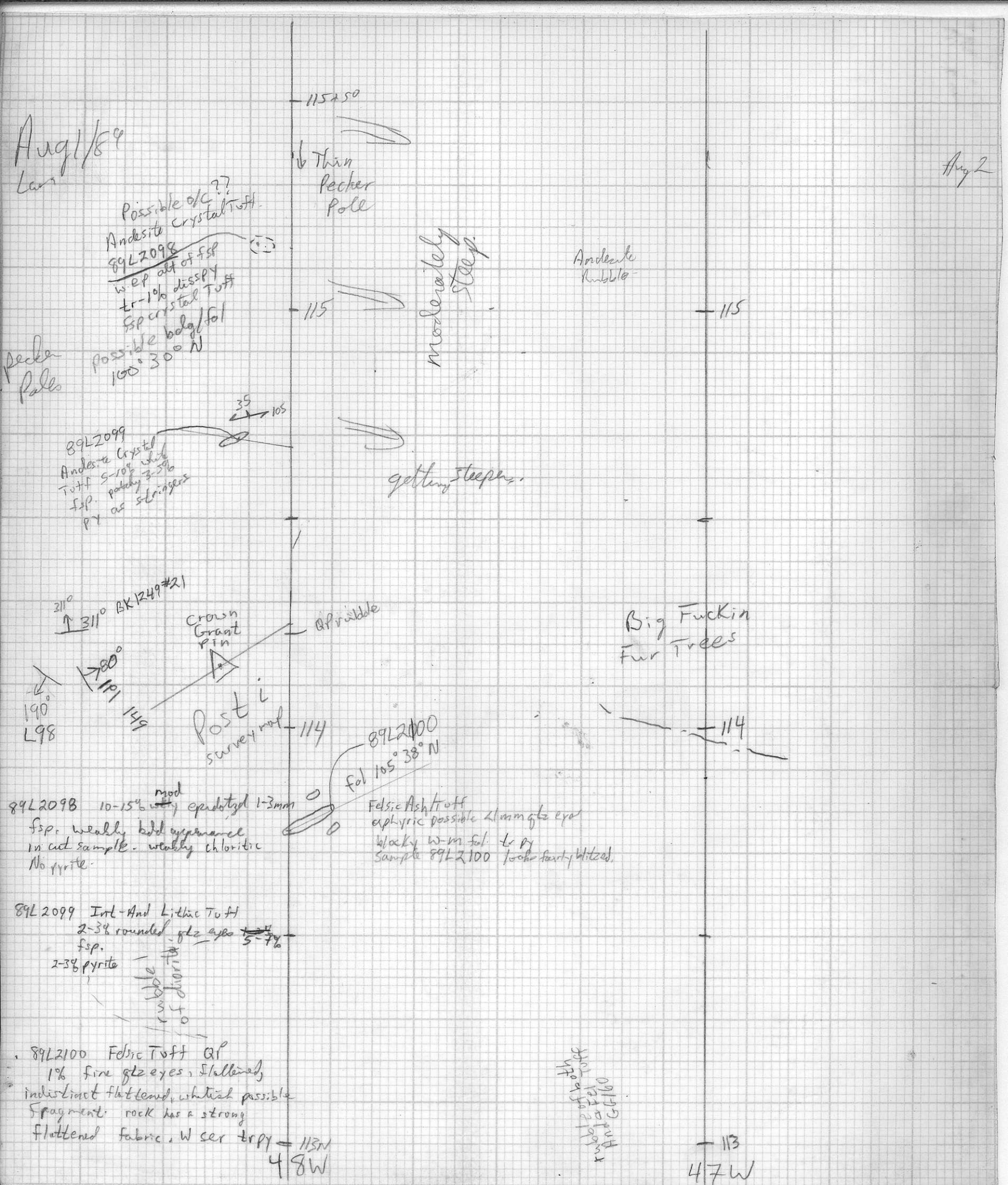
115+50

38°
140
89L2104

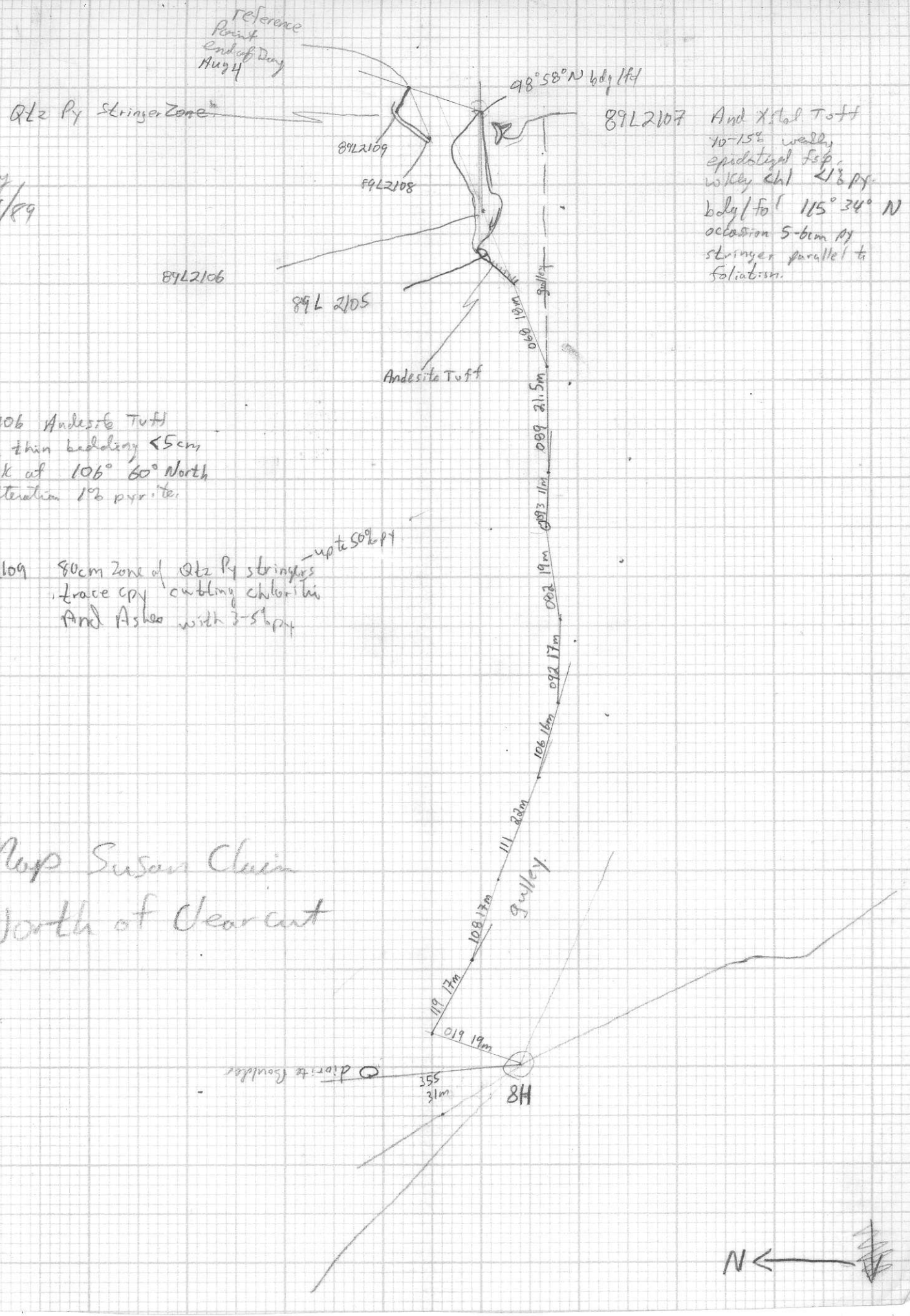

Aug 1/89
110+50
110
109
110+40 8W
26m
Abermin
825S
8W
Canamera
110W
14+00W
14W
2+00S
Hillside is a series of gullays heading down hill @ ≈ 120°
Hill Tongue
gully
Hill Tongue
gully
steep
steep
10W
925S
20m
10m
48W
47W
108W



113 N
old Adit 89L2101
hosted by Int Andesitic Ash/f Tuff
No good mineralization
occassional 2-3cm oxidized
stringers parallel to foliation
observed. No apparent
reason for Adit
Int Andesite Ash Tuff
W chl 2% py
cut sample flattened wispy
~~poss~~ indistinct 1-2cm possible frags
Int-And Tuff.
8W
5505
112+31
old adit ≈10m in.
89L2101
10%
<1mm whitish
grains = fsp
52
65
89L2102 Andesite Ash
W chl tr dispy
112
14+00W
boulders or o/c??
gabbro mod magnetic
fairly coarse grained
"N or W"?
13+50 N
Canamera
112°
112
Canamer
Canamera
14+00W
89L2103 Felsic Tuff See 1+5
W ser, W fol with some
Kink banding possible very
fine qtz eyes. tr py.
3-5% <1mm qtz eyes
3-5% <1mm light greenish
specks.
89L2103
111
111
110+50
48W
47W
Aug 1/89
1:1000
Lara


Aug 1/89
Lars
Aug 2
115+50
Thin Pecker Pole
Possible o/c ??
Andesite Crystal Tuff
89L2098
w ep alt of fsp
tr-1% disspy
fsp crystal Tuff
possible bdg/fol
100° 30° N
Pecker Poles
moderately steep
Andesite Rubble
115
35
105
89L2099
Andesite Crystal Tuff 5-10% white fsp. patchy 3-5% py as stringers
getting steeper.
311°
311° BK1249 #21
Crown Grant Pin
QP rubble
80°
190°
L98
149
Post i survey map
114
Big Fuckin Fur Trees
89L2100
fol 105° 38° N
89L2098 10-15% mod epidotized 1-3mm fsp. weakly bdd appearance in cut sample. weakly chloritic No pyrite.
Felsic Ash/Tuff aphyric possible <1mm qtz eyes blocky w-m fol. tr py Sample 89L2100 looks fairly blitzed.
89L2099 Int-And Lithic Tuff
2-3% rounded qtz eyes 5-7% fsp.
2-3% pyrite
rubble of diorite
89L2100 Felsic Tuff QP
1% fine qtz eyes, flattened, indistinct flattened, whitish possible fragment. rock has a strong flattened fabric. W ser tr py
113N
48W
rubble of both Andesite Tuff GG160
113
47W

Friday
Aug 4/89

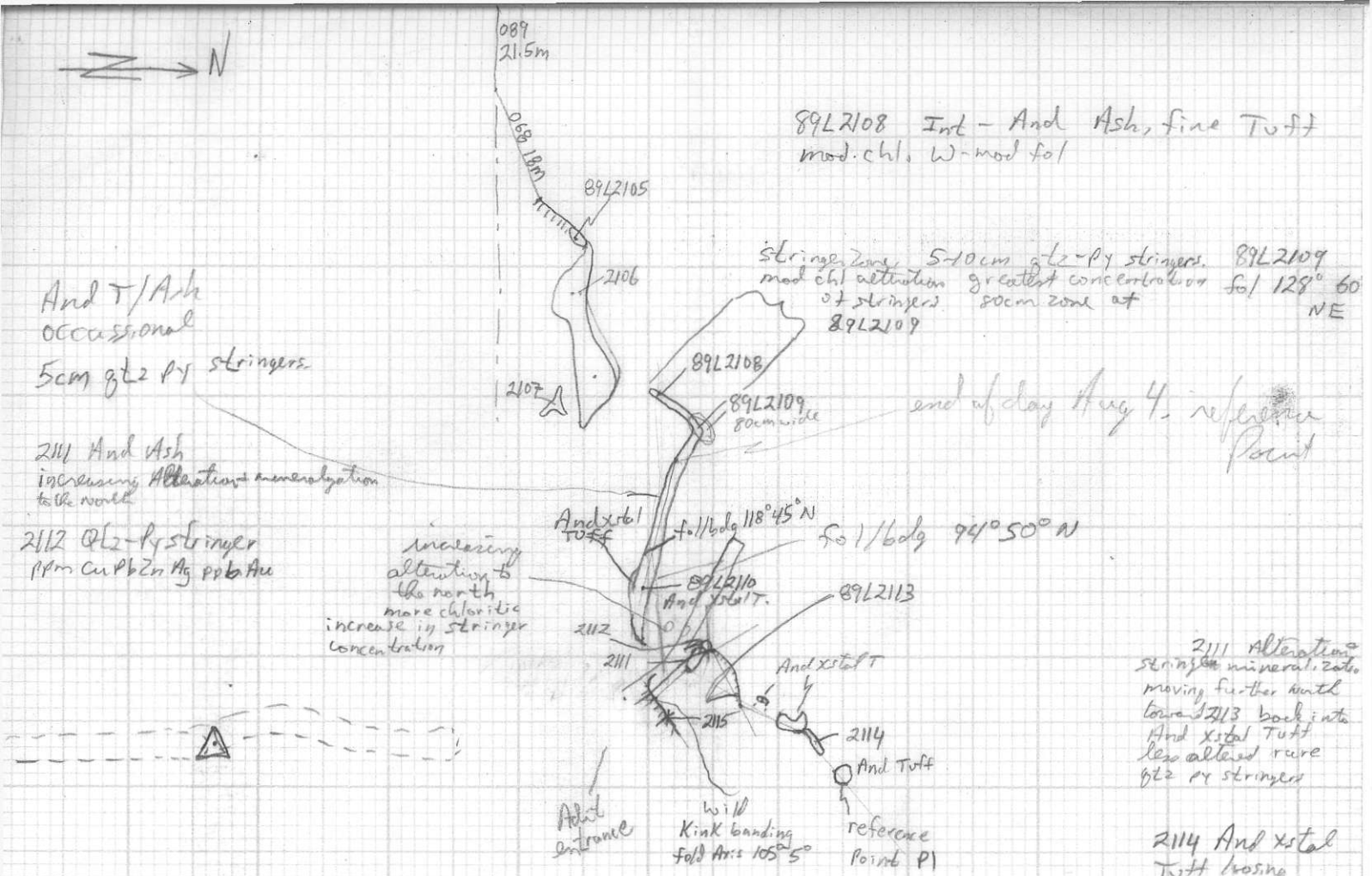


89L2107 And Xstal Tuff
10-15% weakly epidotized fsp.
wkly chl <1% py.
bdg/fol 115° 34° N
occasion 5-6cm py stringer parallel to foliation.

89L2106 Andesite Tuff
Some thin bedding <5cm
thick at 106° 60° North
No alteration 1% pyrite.

89L2109 80cm Zone of Qtz Py stringers — up to 50% py
trace cpy cutting chlorite
And Ashes with 3-5% py

Map Susan Claim
North of Clearcut



89L2108 Int - And Ash, fine Tuff
mod. chl. W-mod fol

And T/Ash
occassional
5cm qtz Py stringers

stringer Zone 5-10cm qtz-Py stringers. 89L2109
mod chl alteration greatest concentration
of stringers 80cm zone at
89L2109

fol 128° 60 NE

end of day Aug 4, reference Point

2111 And Ash
increasing Alteration + mineralization
to the north

2112 Qtz-Py stringer
PPm Cu Pb Zn Ag ppb Au

increasing alteration to the north
more chloritic
increase in stringer concentration

2111 Alteration + stringers + mineralization moving further north
towards 2113 back into And xstal Tuff
less altered recire qtz Py stringers

2114 And xstal Tuff losing alteration & mineralization

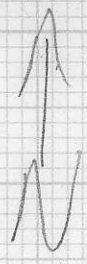
Wall Rock
descriptions
89L2108

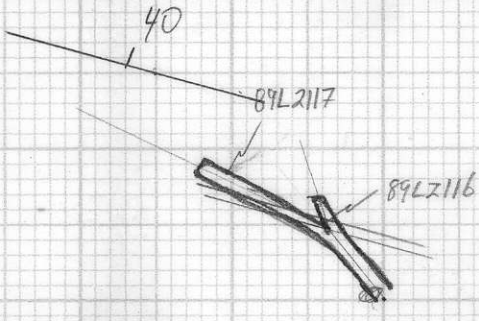
89L 2115
And Ash + Tuff
moderately altered
1-5cm qtz Py Stringers
with 5% brassy Py
Sample 89L2115 Sheared
And Ash mod chl 2-3%
diss Py,
O/C noted for its nice
Kink banding
picture taken of O/C

89L2113 And T/Xstal Tuff
w-m chl. due to presence
of qtz Py stringers 1-2cm
w-m fol/bdg @ 120°50° NE
outcrops North or South
of 2113 are fairly fresh

Stringer Zone. Not Very Wide.

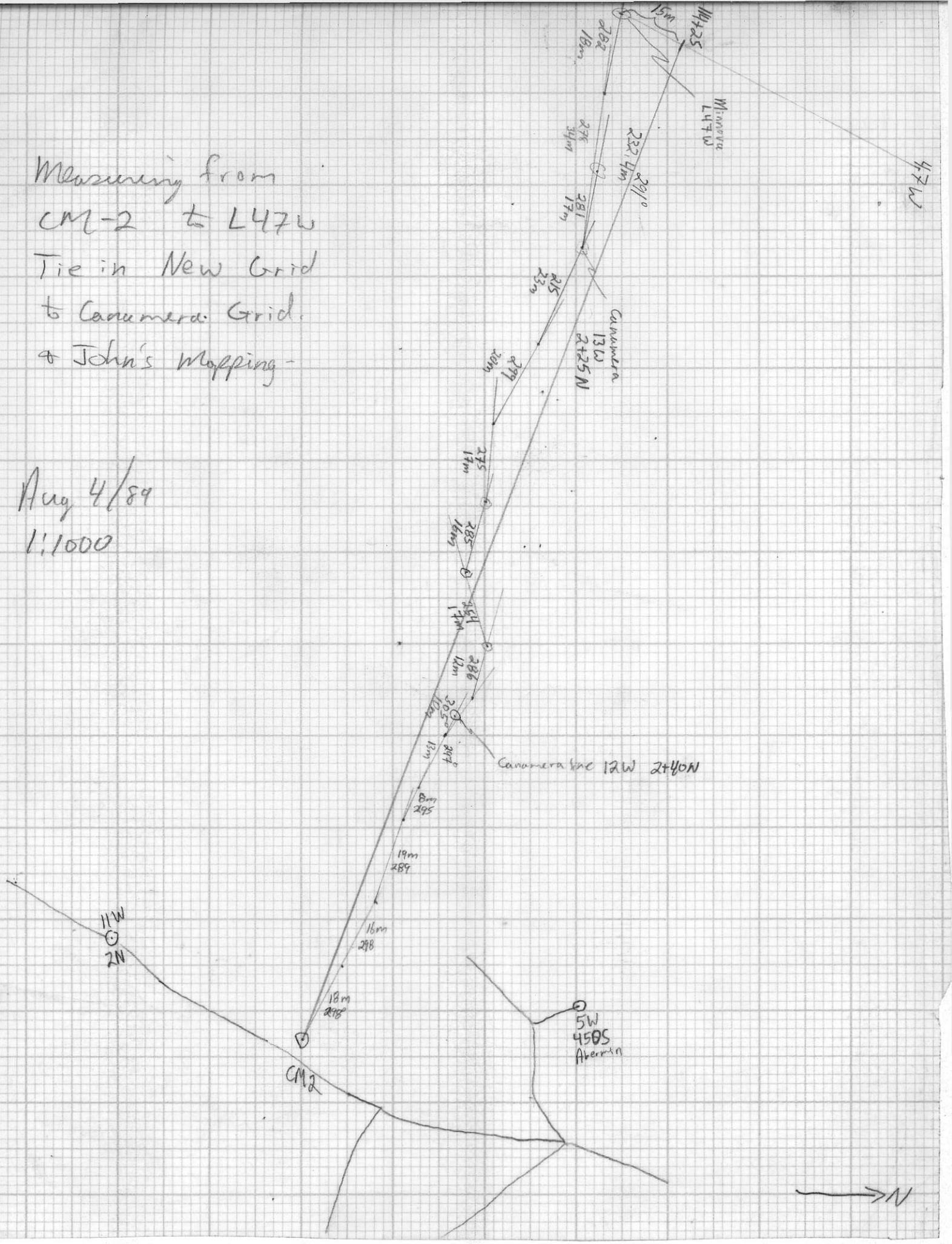
look for Sample 89L2114



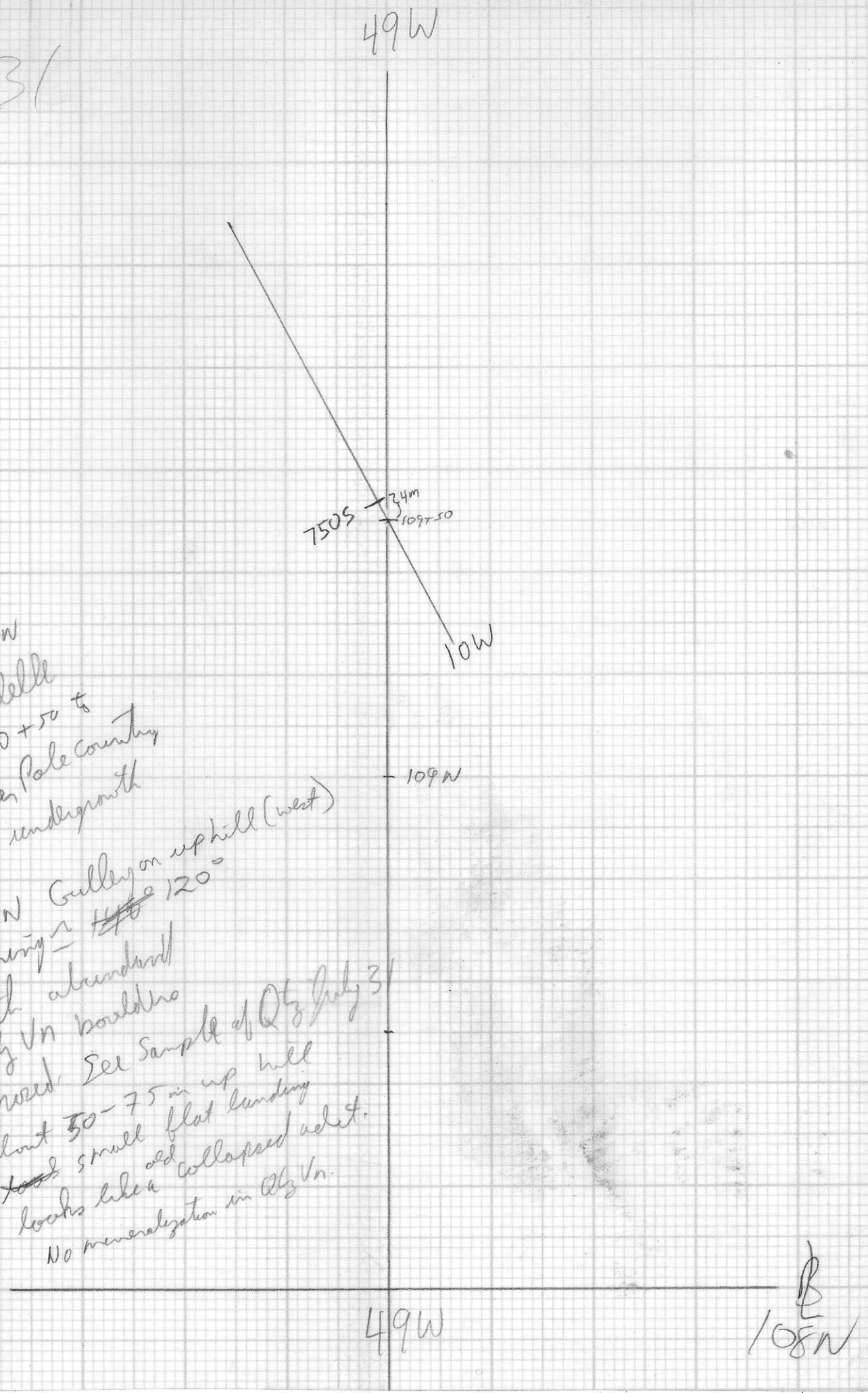

40
89L2117
89L2116

Measuring from
CM-2 to L47W
Tie in New Grid
to Canamera Grid.
& John's Mapping -

Aug 4/89
1:1000



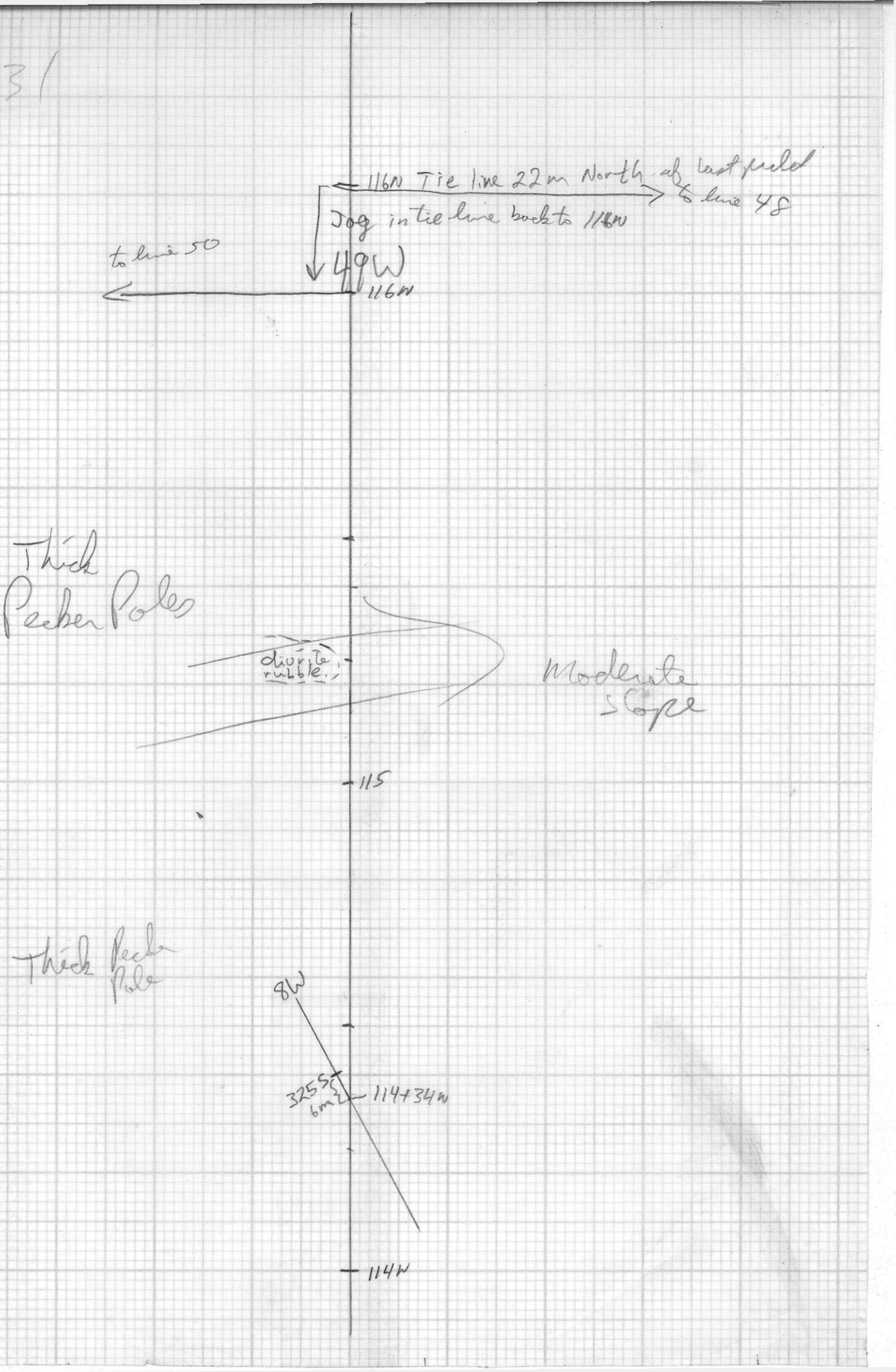
July 31



PB to 120+50N
Thick Eallelle
North of 120+50 to
into Pecker Pole country
minimal undergrowth

112+50 N Gulley on uphill (west)
running ~ ~~140°~~ 120°
with abundant
qtz Vn boulders
exposed. See Sample of Qtz July 31
about 50-75 m up hill
~~took~~ small flat landing
looks like a old collapsed adit.
No mineralization in Qtz Vn.

July 31


116N Tie line 22m North at last picket
to line 48
Jog in tie line back to 116N
49W
116N
to line 50
Thick Pecker Poles
diorite rubble
Moderate Slope
115
Thick Pecker Pole
8W
325SE
6m
114+34N
114N

280m

July 31

Lara grid
L50W
1:1000

110

line 50W passes just South of line 11W. could not find last picket for 11W.

109

12W

800S

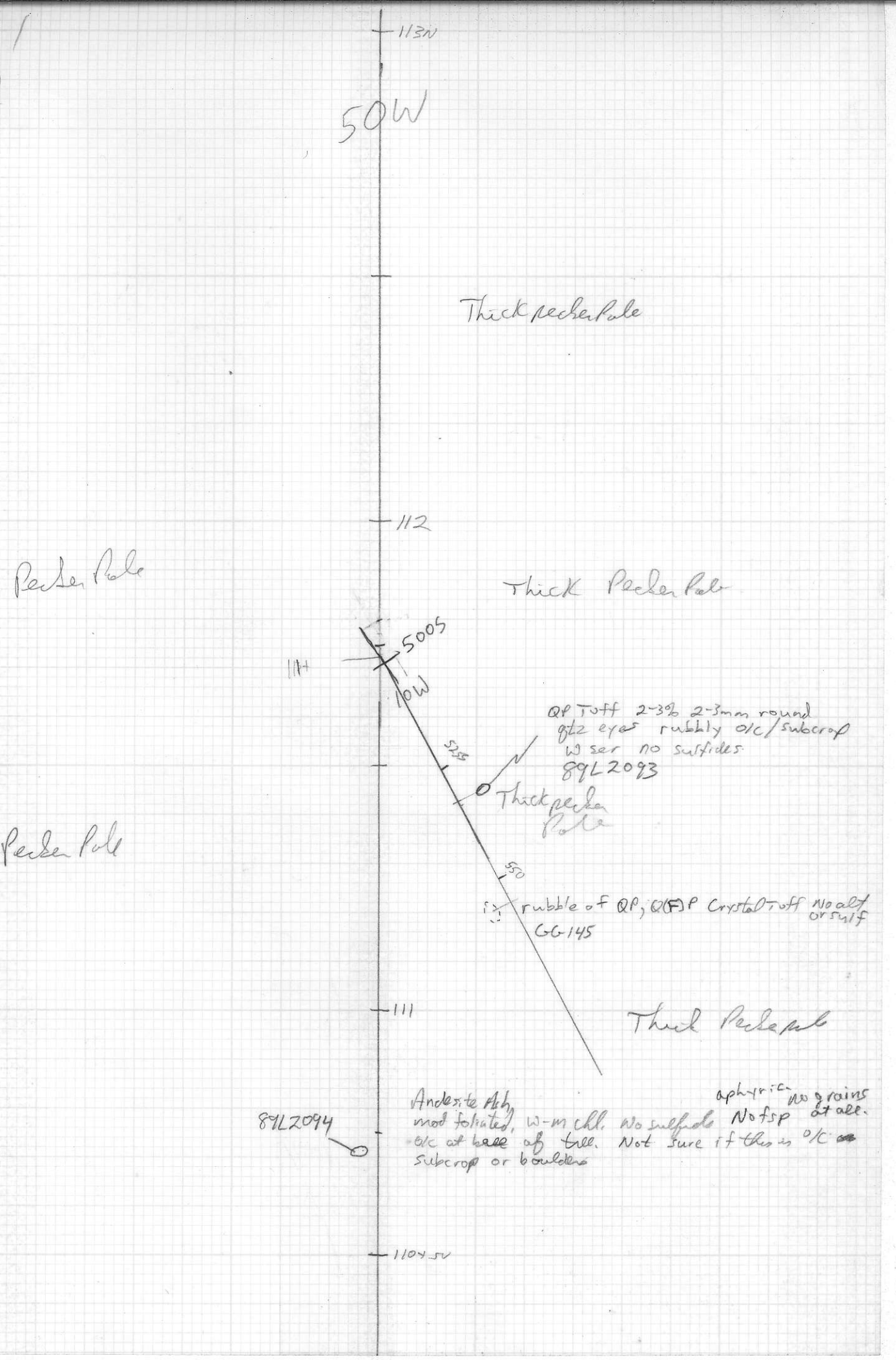
17m

50W

L108W

July 31

Lara Grid
L50W
1:1000



July 31

50W

shallow to moderate slope

Thin closely grown ~~[illegible]~~ tree very little underbrush

steep

115

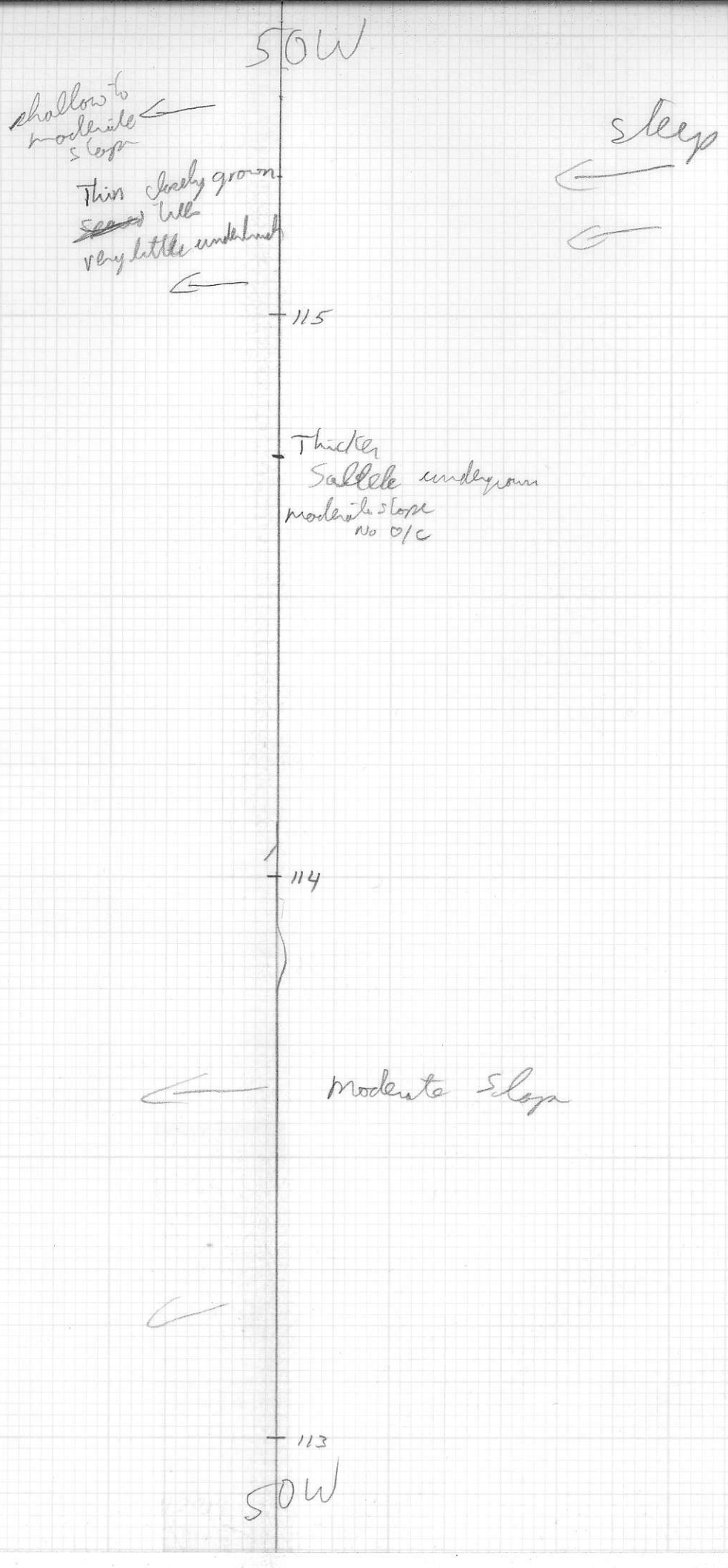
Thicker Saltele underground moderate slope No O/C

114

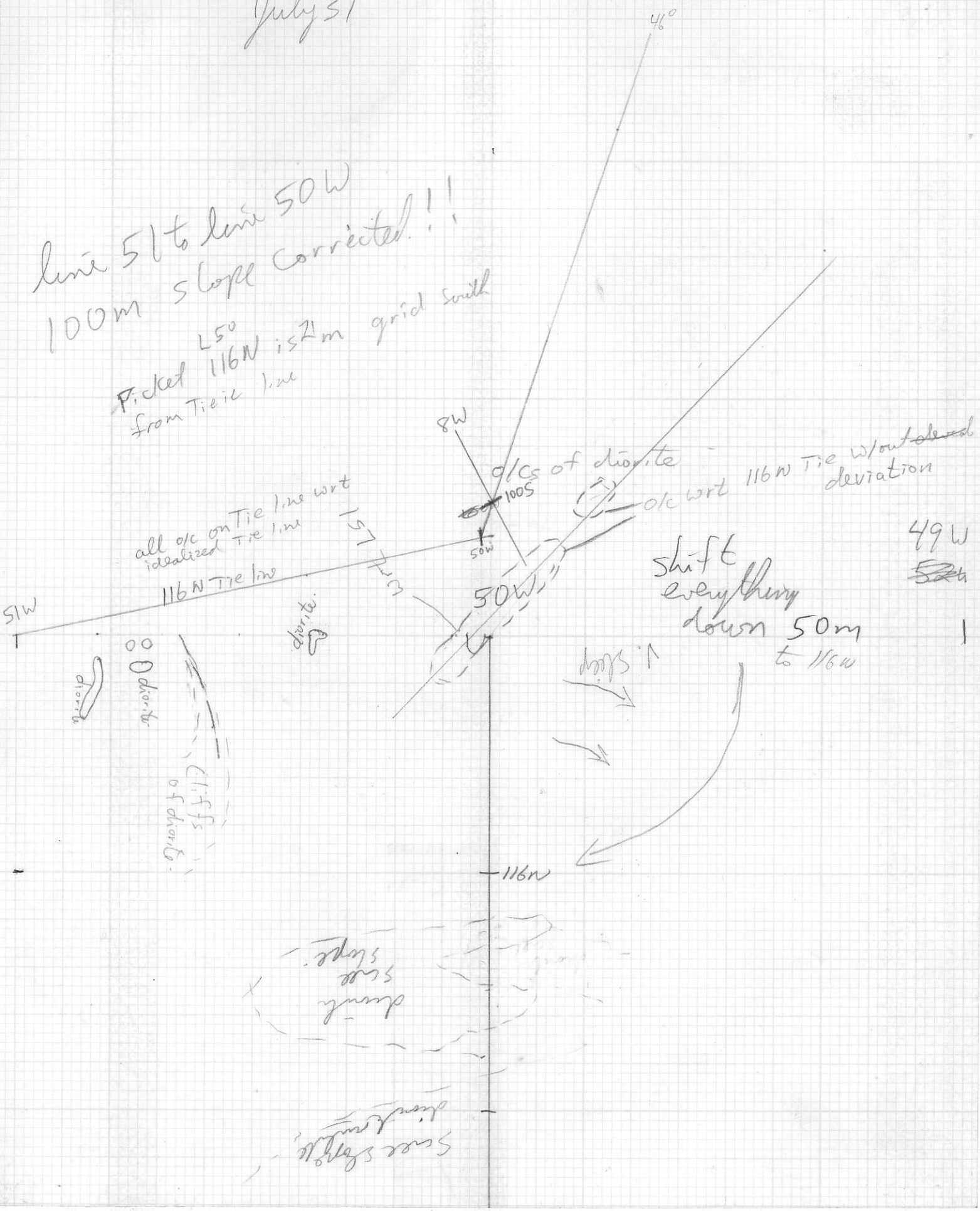
Moderate Slope

113

50W



July 31



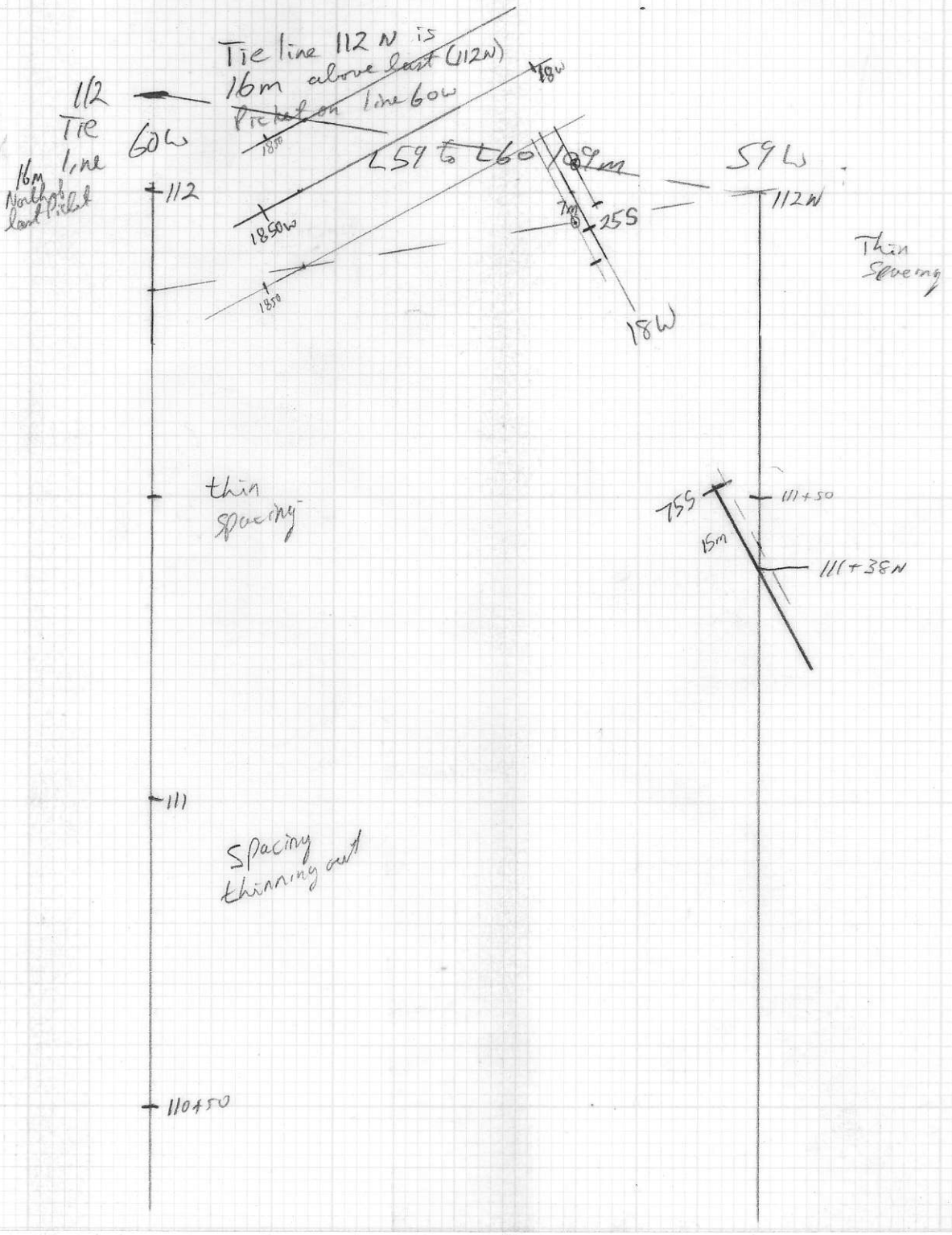
46°
line 51 to line 50W
100m slope corrected!!
Picket L50 116N is 21m grid south
from Tie ie line
8W
o/cs of diorite
100S
o/c wrt 116N Tie w/out deviation
all o/c on Tie line wrt
idealized Tie line
L51
50W
116N Tie line
51W
50W
49W
shift
everything
down 50m
to 116W
diorite
diorite
diorite
cliffs
of diorite
116N

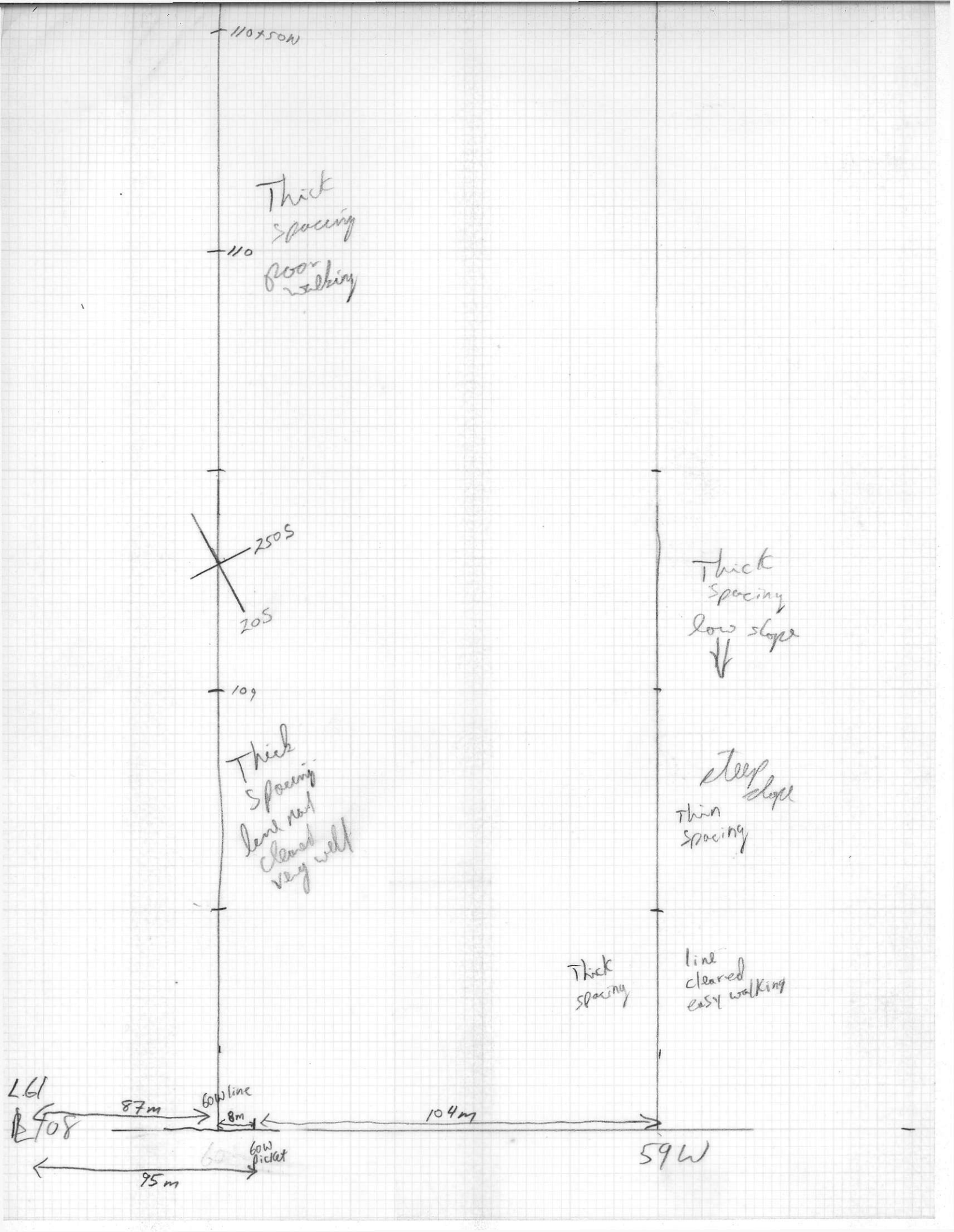
July 19, 20

L60-L61
99m

L59-L60 109m

L59-L58
96m




110+50W
Thick spacing poor walking
110
250S
20S
Thick spacing low slope
109
Thick spacing line not cleared very well
steep slope
Thin spacing
Thick spacing
line cleared easy walking
L61
L108
87m
60W line
8m
104m
60W picket
95m
59W

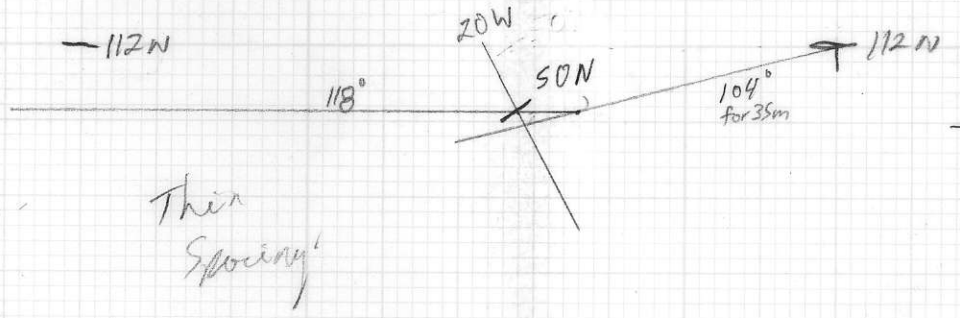
~~57~~
50m

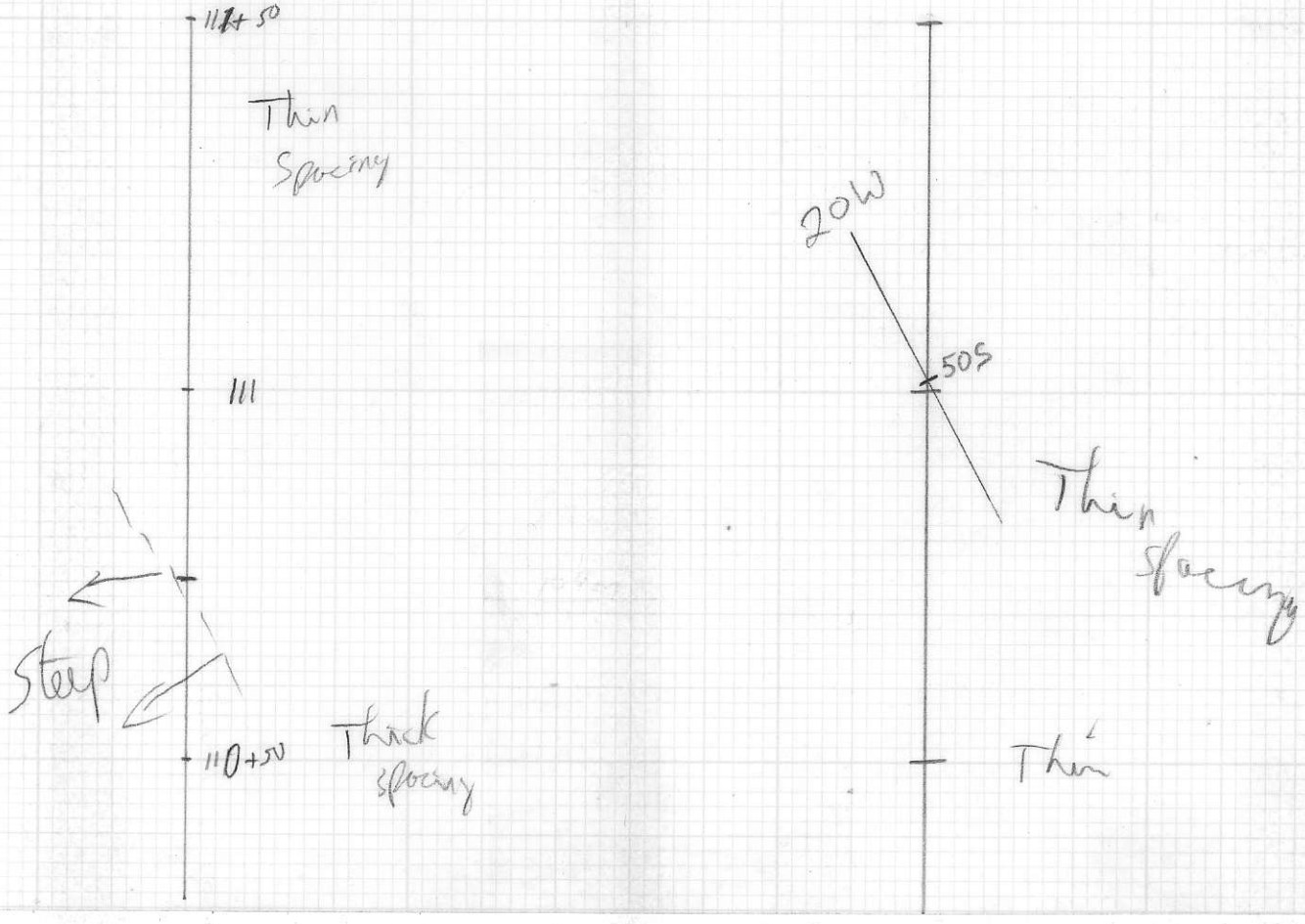
July 19

L62 to L63
100m

L61 to L62 93m

L60-L61
99m





Thick Spacing

Thick Spacing

110

Thick Spacing

line 62
Not cleaned out very well

July 19

Thick Spacing

line 61
easier walking
cleaned out better.

109

Thick Spacing

22W

4.6m
250S

Very Thick Spacing
lower 100 m of line not cleaned very well.

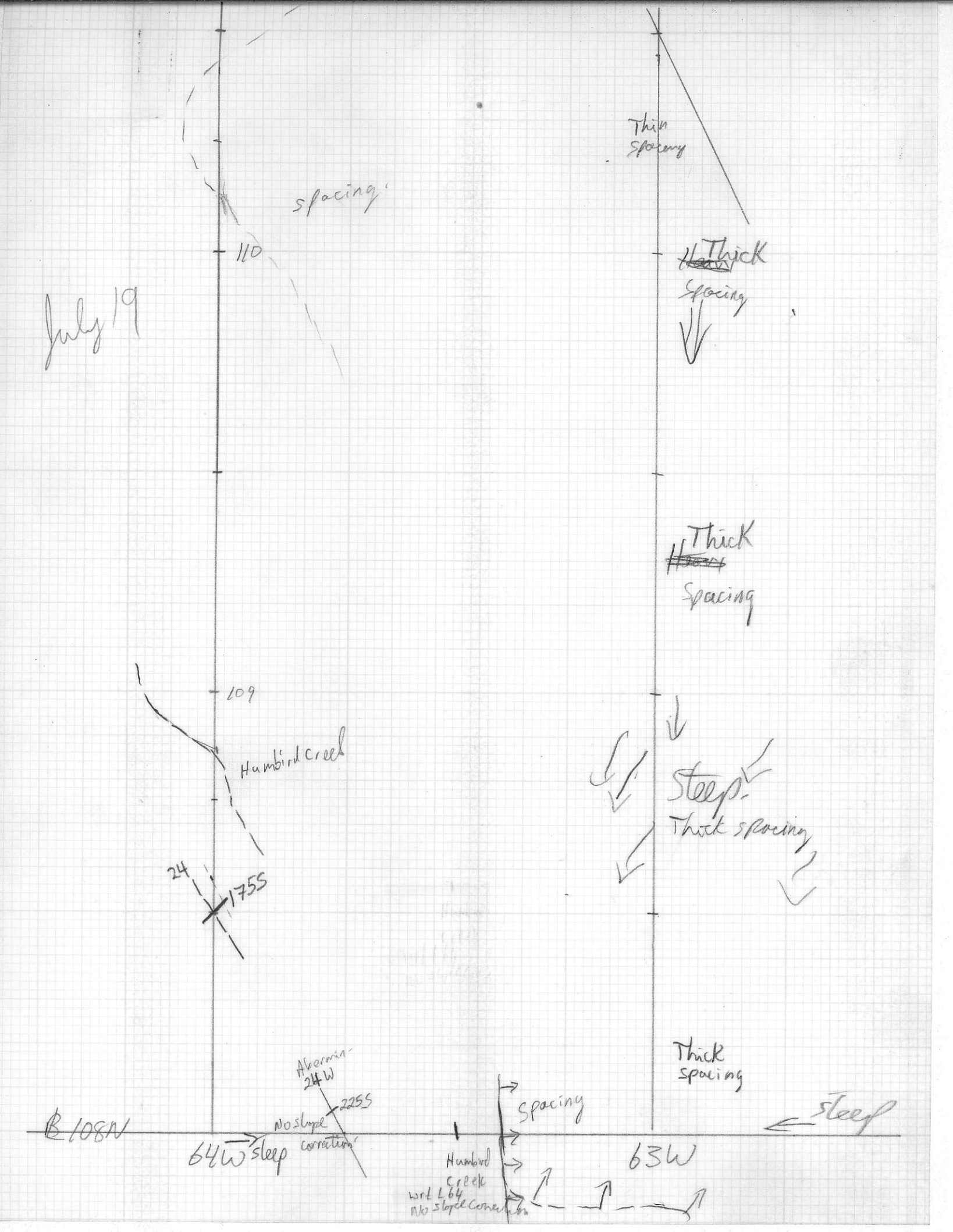
steep

B108

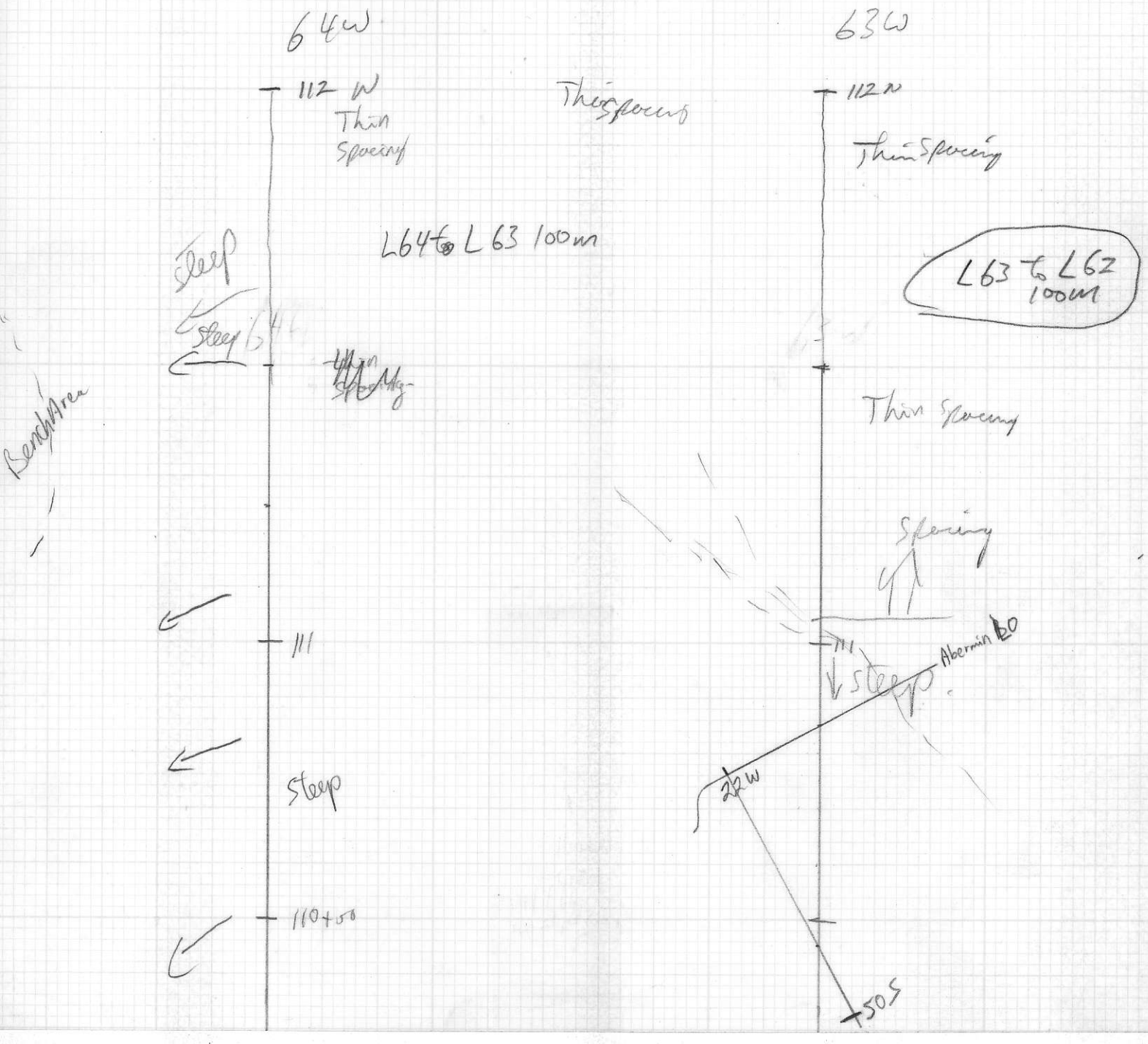
62W

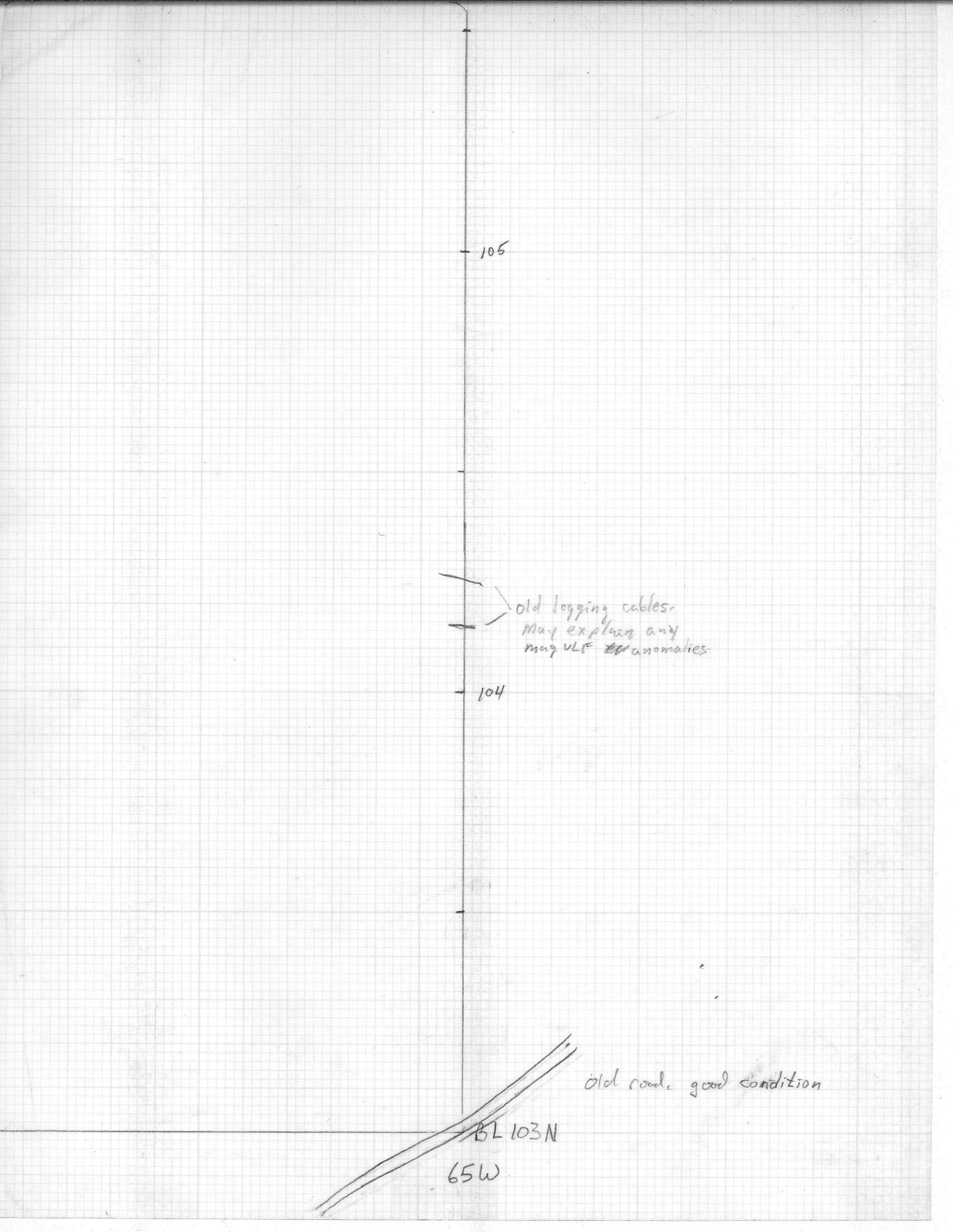
gully

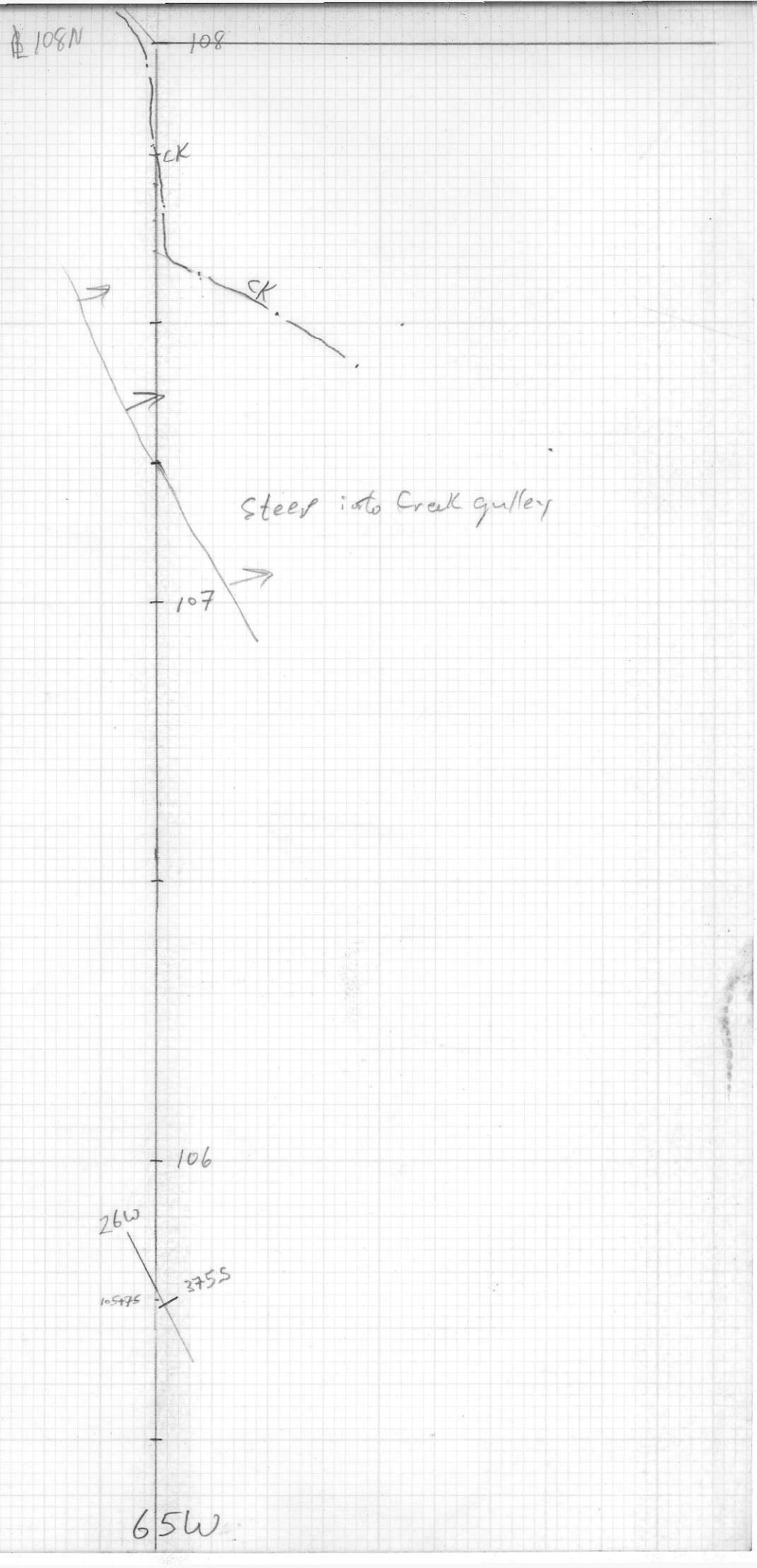
61W


July 19
spacing
110
109
Humbird creek
24
175S
Thin spacing
Thick spacing
Thick spacing
Steep
Thick spacing
Thick spacing
Abermin
24W
225S
No slope correction
B 108N
64W
sleep
Spacing
Humbird creek
wrt L64
No slope correction
63W
sleep

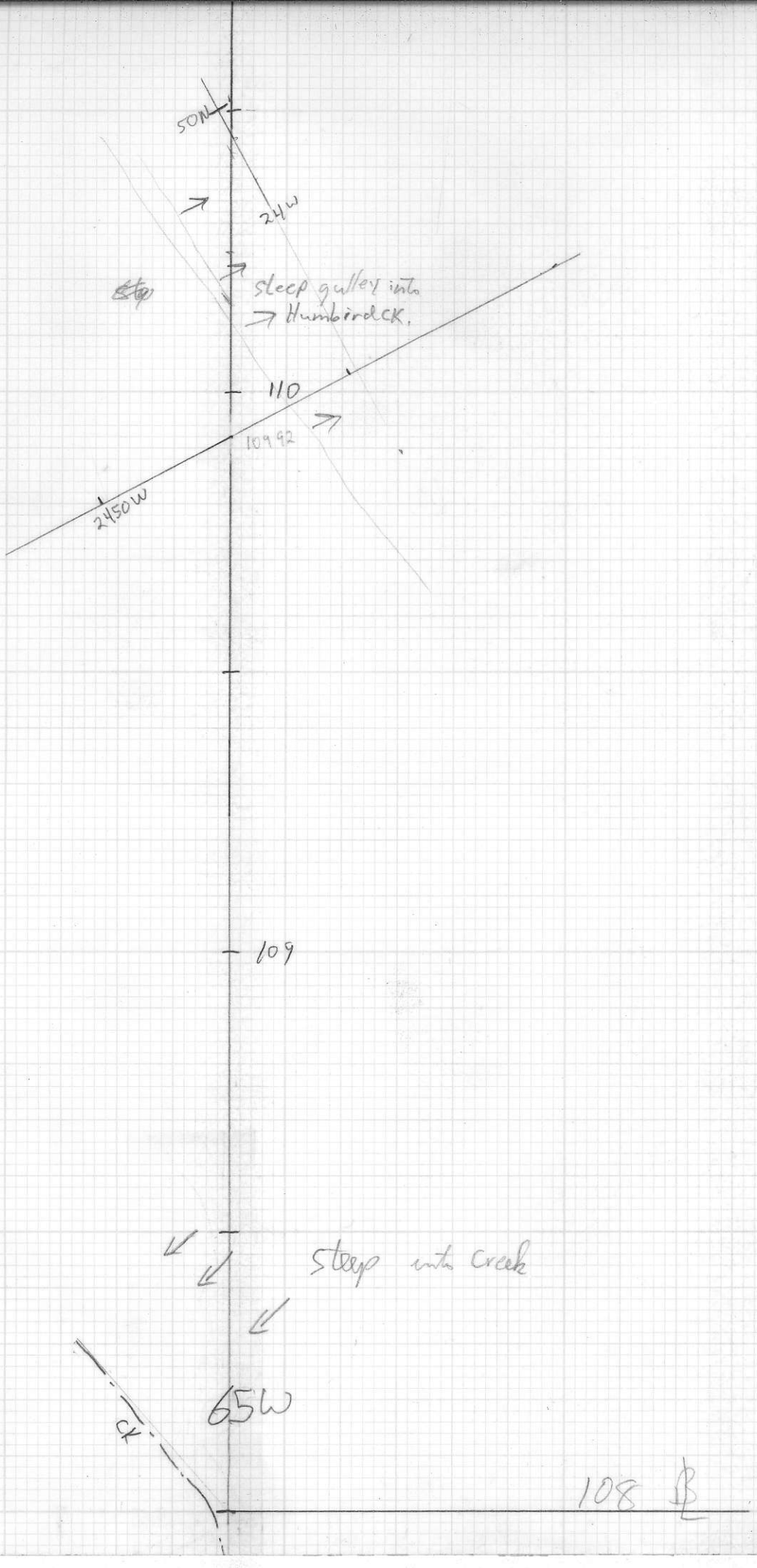
L63 to L64 100m




105
old logging cables.
May explain any
mag VLF anomalies
104
old road, good condition
BL 103N
65W

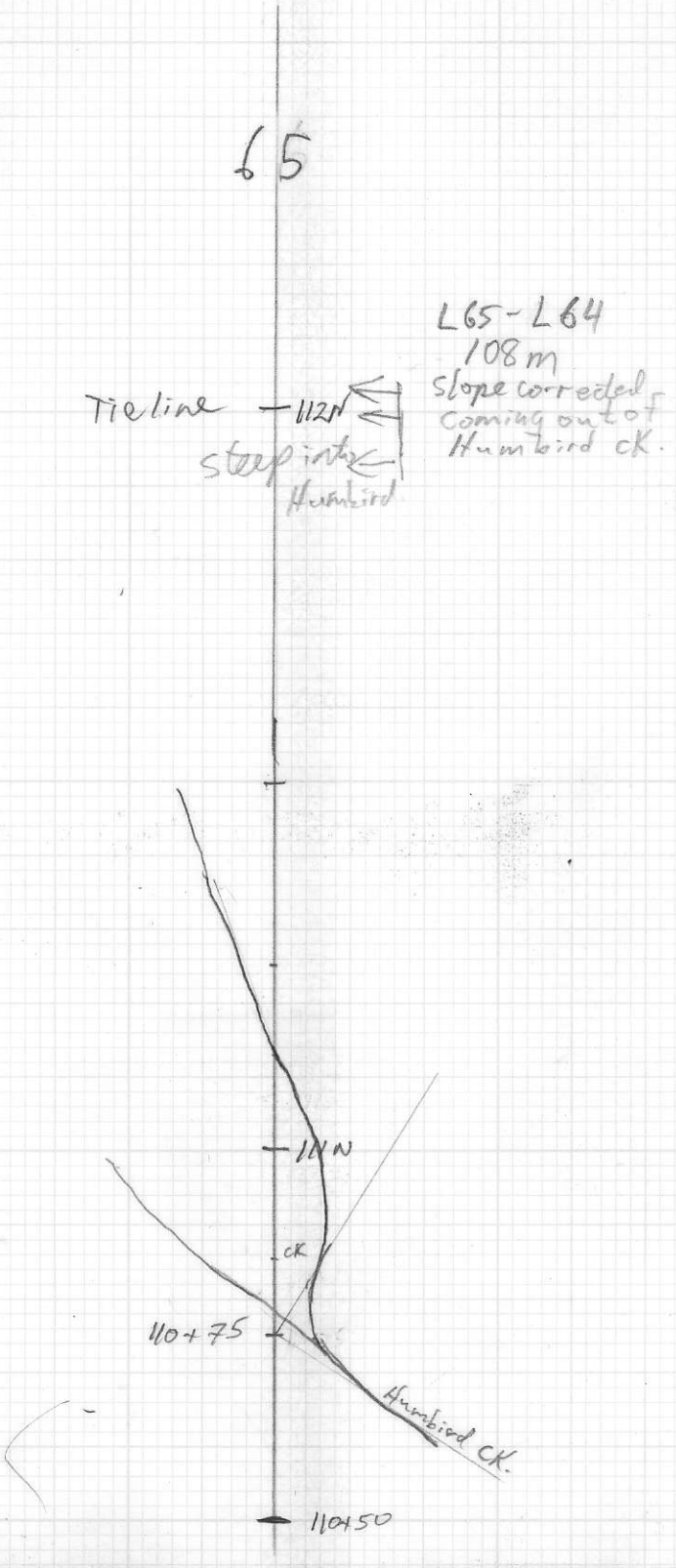


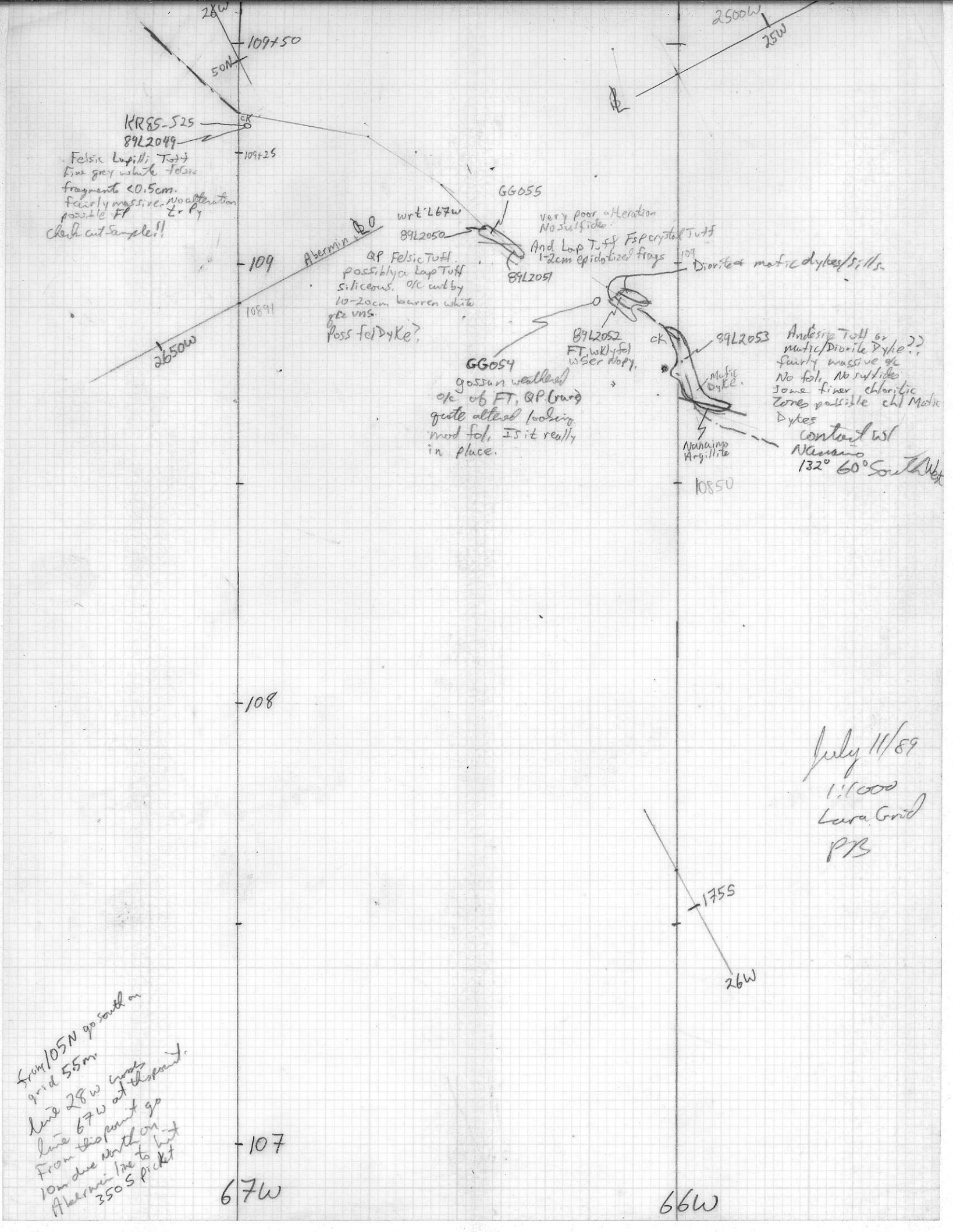
℄ 108N
108
CK
CK
Steep into Creek gulley
107
106
26W
375S
105+75
65W


50N
24W
steep gully into
→ Humbird Ck.
110
109.92
2450W
109
steep into creek
65W
Ck
108

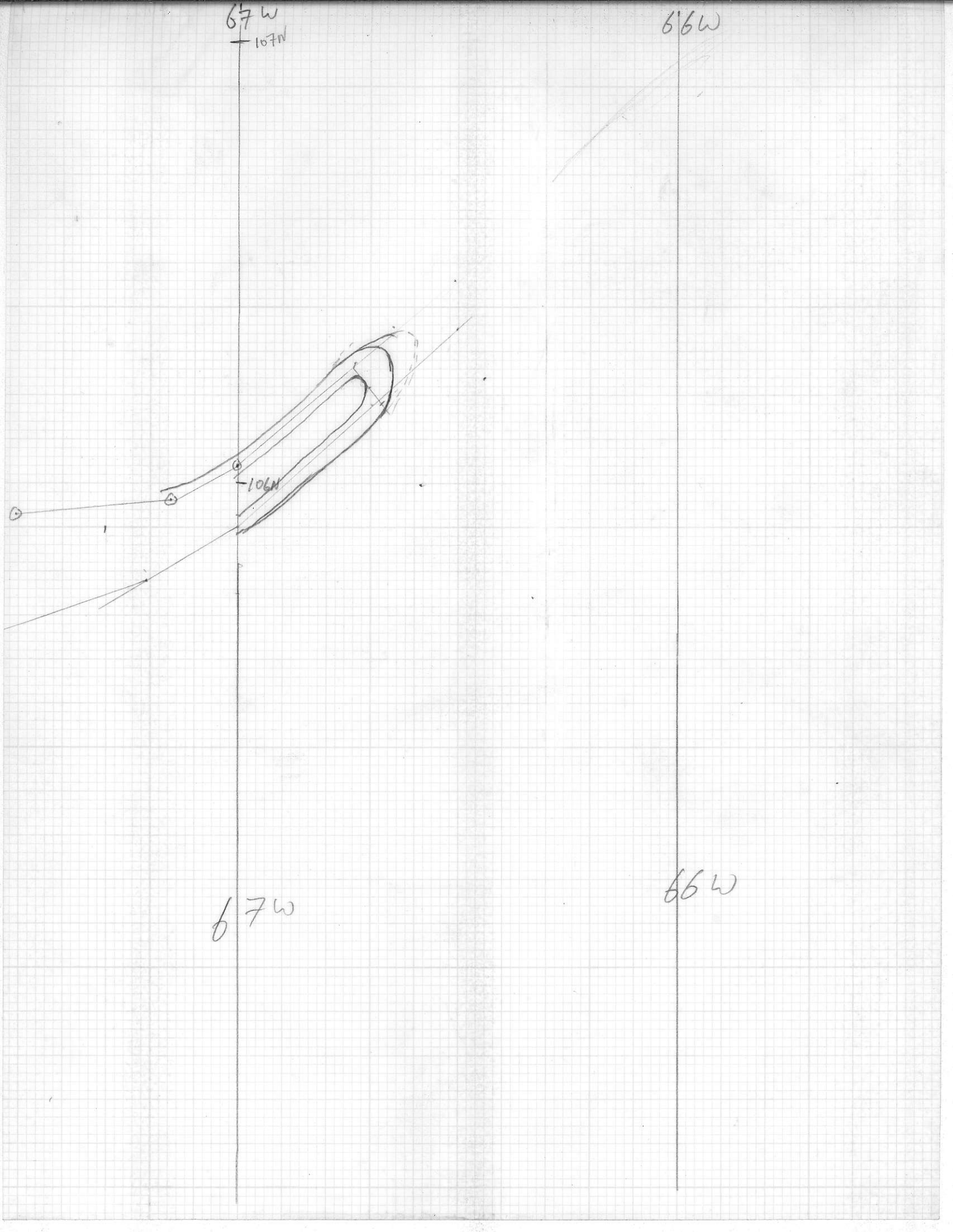
L64-L63 100m slope corrected

steep Ravine from 67-86m from L64 Ravine trends 010°





26W
109+50
50N
KR85-525
89L2049
CK
109+25
Felsic Lapilli Tuff
Fine grey white felsic
fragments <0.5cm.
fairly massive. No alteration
possible FP tr Py
Check cut sample!!
Abermin ℄ 0
109
10891
2650W
GG055
wrt L67W
89L2050
QP Felsic Tuff
possibly a Lap Tuff
siliceous. o/c cut by
10-20cm barren white
qtz vns.
Poss fel Dyke?
very poor alteration
No sulfides
And Lap Tuff FSP crystal Tuff
1-2cm epidotized frags
89L2051
2500W
25W
℄
109
Diorite & mafic dykes/sills.
89L2052
FT, wkly fol
w Ser No py.
CK
89L2053
Andesite Tuff or
mafic/Diorite Dyke??
fairly massive o/c
No fol, No sulfides
Some finer chloritic
zones possible chl Mafic
Dykes
Mafic Dyke.
GG054
gossan weathered
o/c of FT, QP (rare)
quite altered looking
mod fol, Is it really
in place.
Nanaimo Argillite
contact w/
Nanaimo
132° 60° South West
10850
108
July 11/89
1:1000
Lara Grid
PB
175S
26W
from 105N go south on
grid 55m.
line 28W crosses
line 67W at this point.
From this point go
10m due North on
Abermin line to hit
350S picket
107
67W
66W


67W
107N
66W
106N
67W
66W

L67 to L68
101.5 m ~~corrected~~ from L67.

L67 to L66 98m.

66W

July 11/89
1:1000
Laraford P.B

67W

112N

Steep

225N

24W

72m to Humbird Creek from line 66 Slope Corrected.

L 66-L65
95.5m Slope corrected

111N

110

July 7/89
1:1000
Lara Grid
PB

L69-L68 86m
measured from L69

69W

68W

Creek crosses 112N Tie line at 59m west of L69 wrt L69

R105

112N

wrt L69W

89L2037
Rubble of Felsic Tuff
3-5% pyrite w-m ser

QPFel Tuff
m-ser

Creek

KR85-538
89L2038 Felsic Tuff
3-4% py
q's possible lapilli.
most of o/c underwater

GG061
062
089
1-2% py

gossan rubble

275N

GG063

QP Tuff
Possible
<0.5cm lithic
frags so much
less altered than
up creek QP.

20m from 111+25 to o/c

Diorite

wrt L69

wrt L68

26W

89L2041 QP Xstal Tuff
2-3% fine diss py

GG64
1.47/122S

GG152 Andesite Tuff 1-2% mm
very fine qz grains

64 → 96

CK

111N

QFP Xstal Tuff

fol 114°40°N

89L2042
And Tuff
1-2% py

89L2043

89L2044

GG RG151
Andesite Tuff
1-2% py diss, brassy
granular texture w/ qz + fsp
grains.

3-5% py

stringer zone

89L2045
Gerdsim

GG RG 057

Py oriented dropping

89L2046
And xstal T
<1-1% py
V. Fresh.

111

250N

Abermin

27W

Stringer Zone
Qtz-Py stringers
parallel to foliation 98° 70°S
upto 20% coarse massive
pyrite. Widths generally narrow
majority of Py within stringers
only 1-3% py within
host rock
host rock And crystal
Tuff. Crystal rich zone
up to 30% fsp crystals

And xstal Tuff
Fresh

89L2047

And xstal Tuff

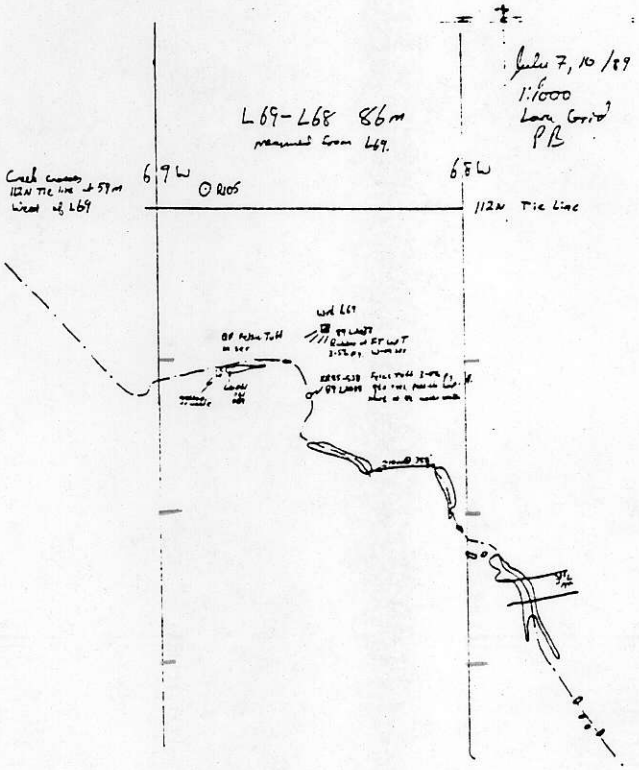
89L2046

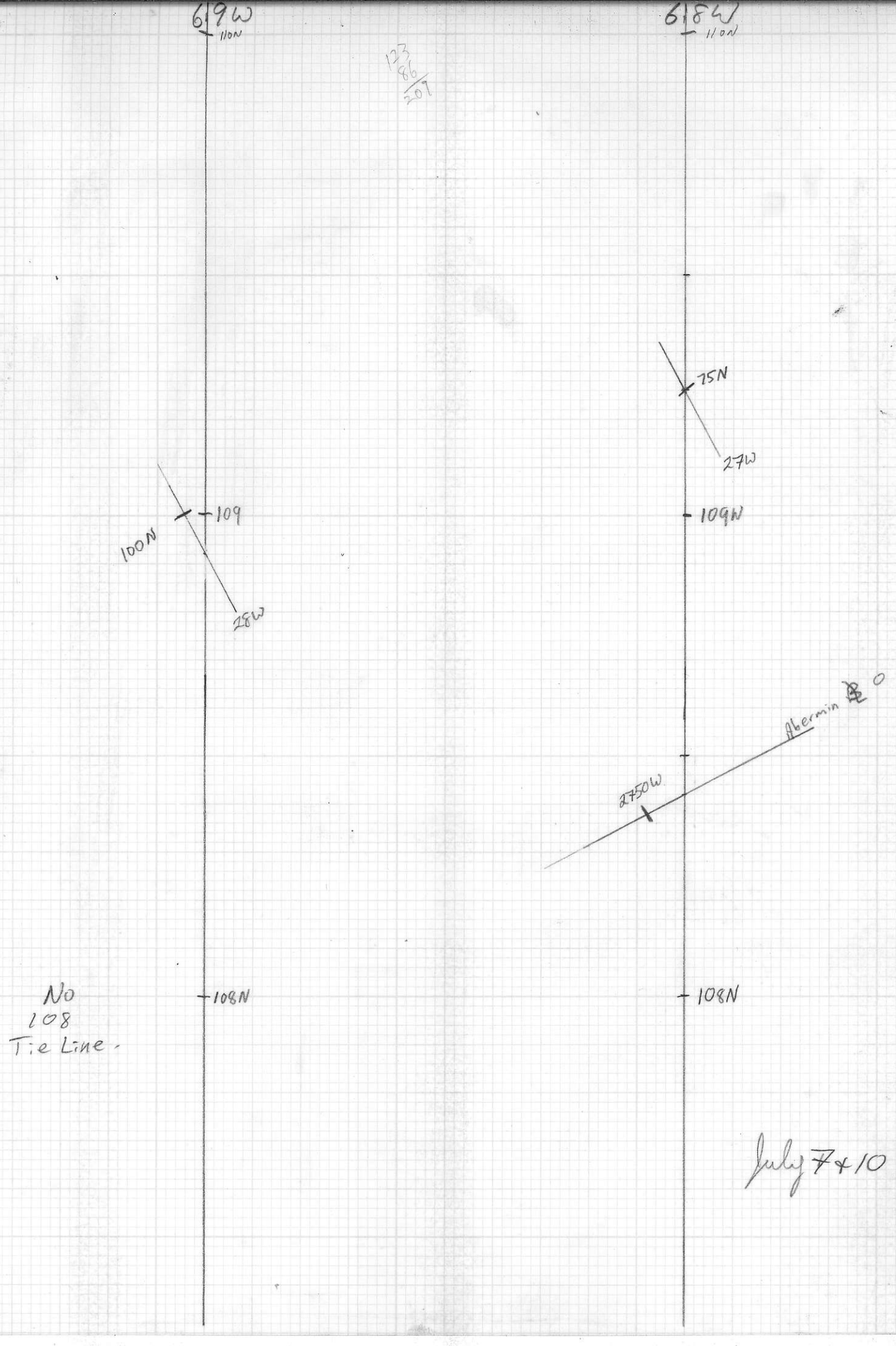
89L2048
20cm wide
gossan zone in
And Xstal Tuff

110

110N

July 7+10


July 7, 10 /89
1:1000
Lava Grid
PB
L69-L68 86m
measured from L69.
6.9W
6.8W
112N Tie Line
Creek crosses
112N Tie line at 59m
West of L69

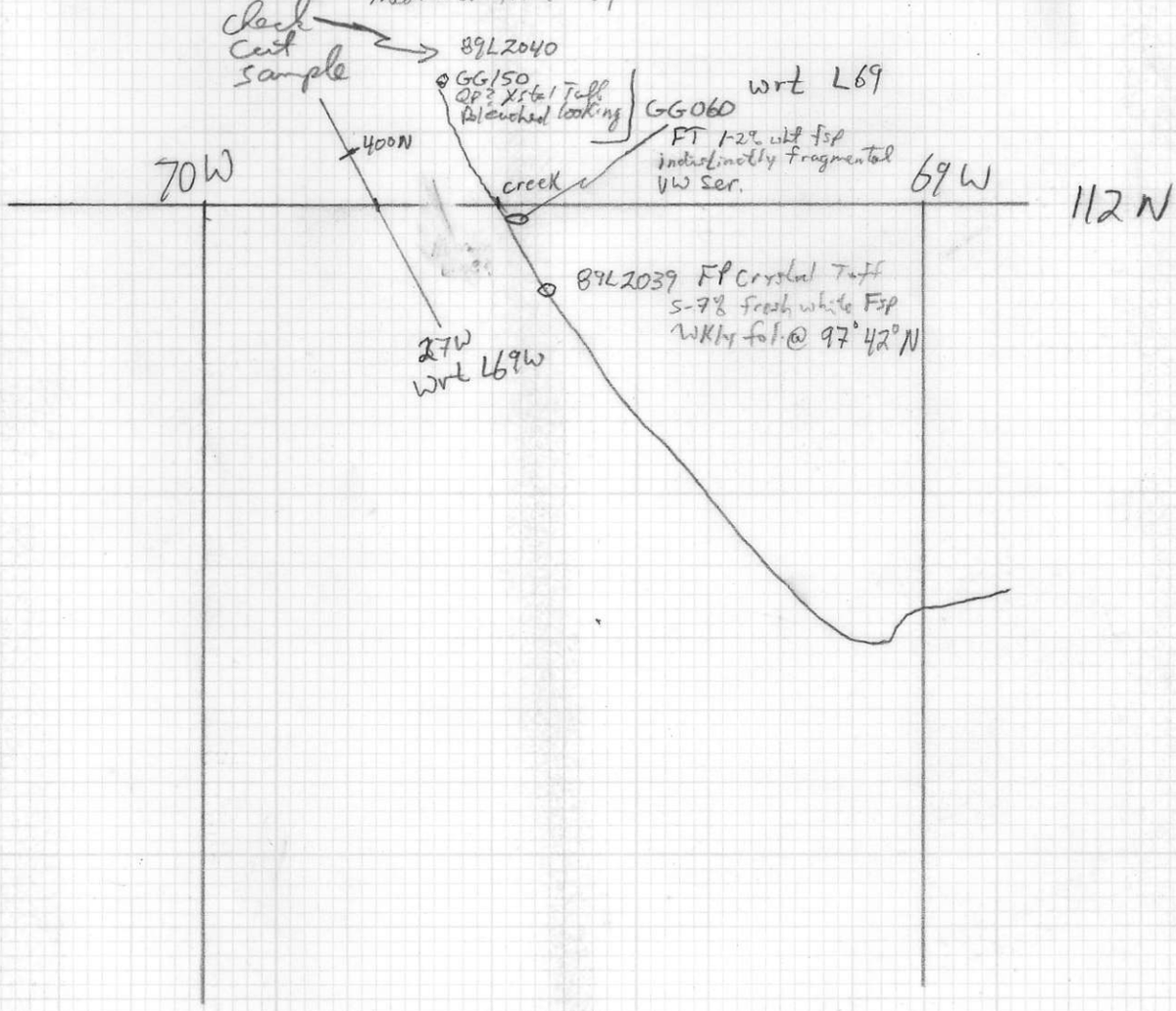


No
108
Tie Line.

July 7 x 10

July 7/89

L76 – L69 123 m
measured from L69



July 7, 10 /89
1:1000
Lara Grid
PB

L69 - L68 86m
measured from L69

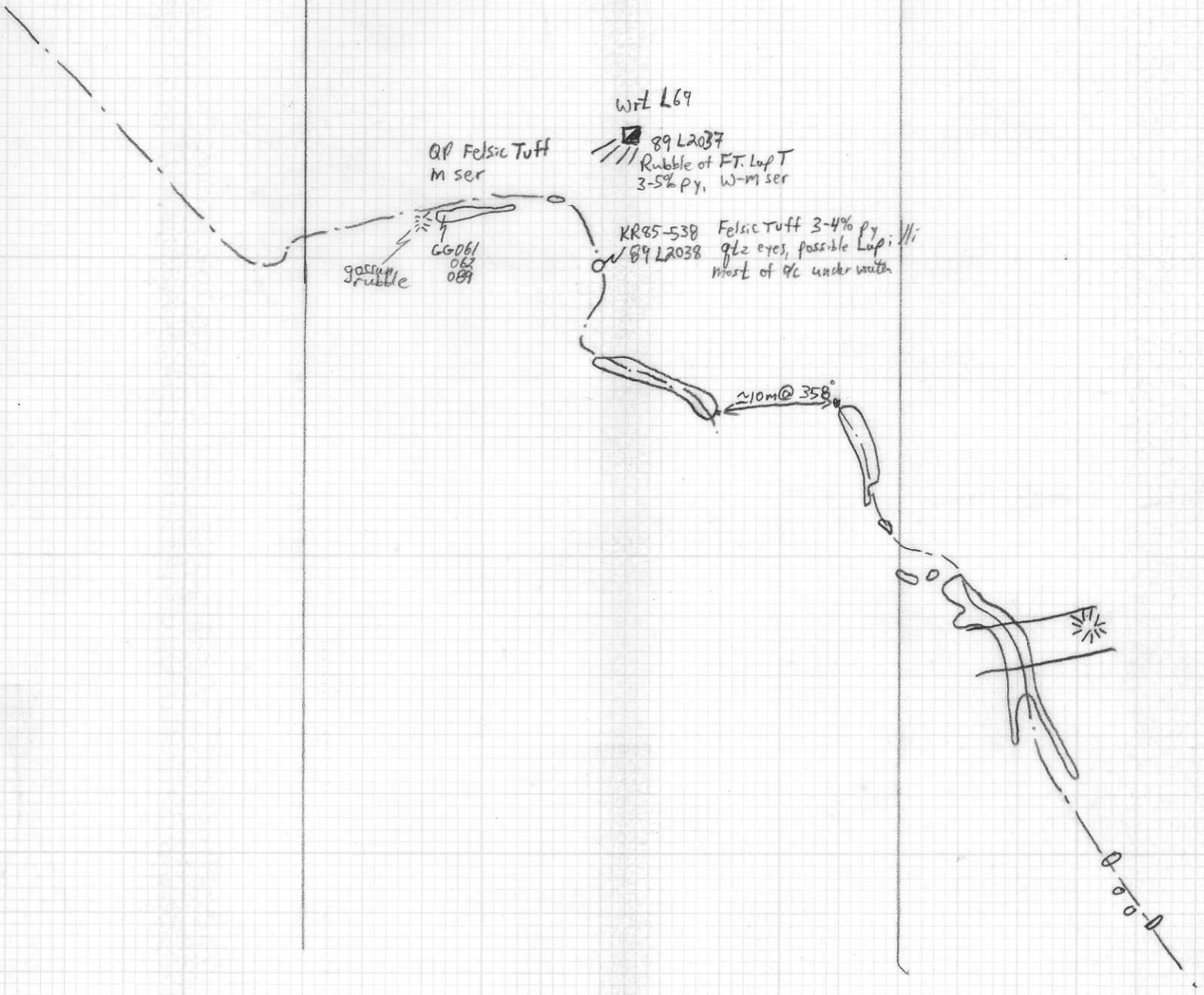
Creek crosses
112N Tie line at 59m
West of L69

69W

⊙ R105

68W

112N Tie Line



July 12/89
1:1000

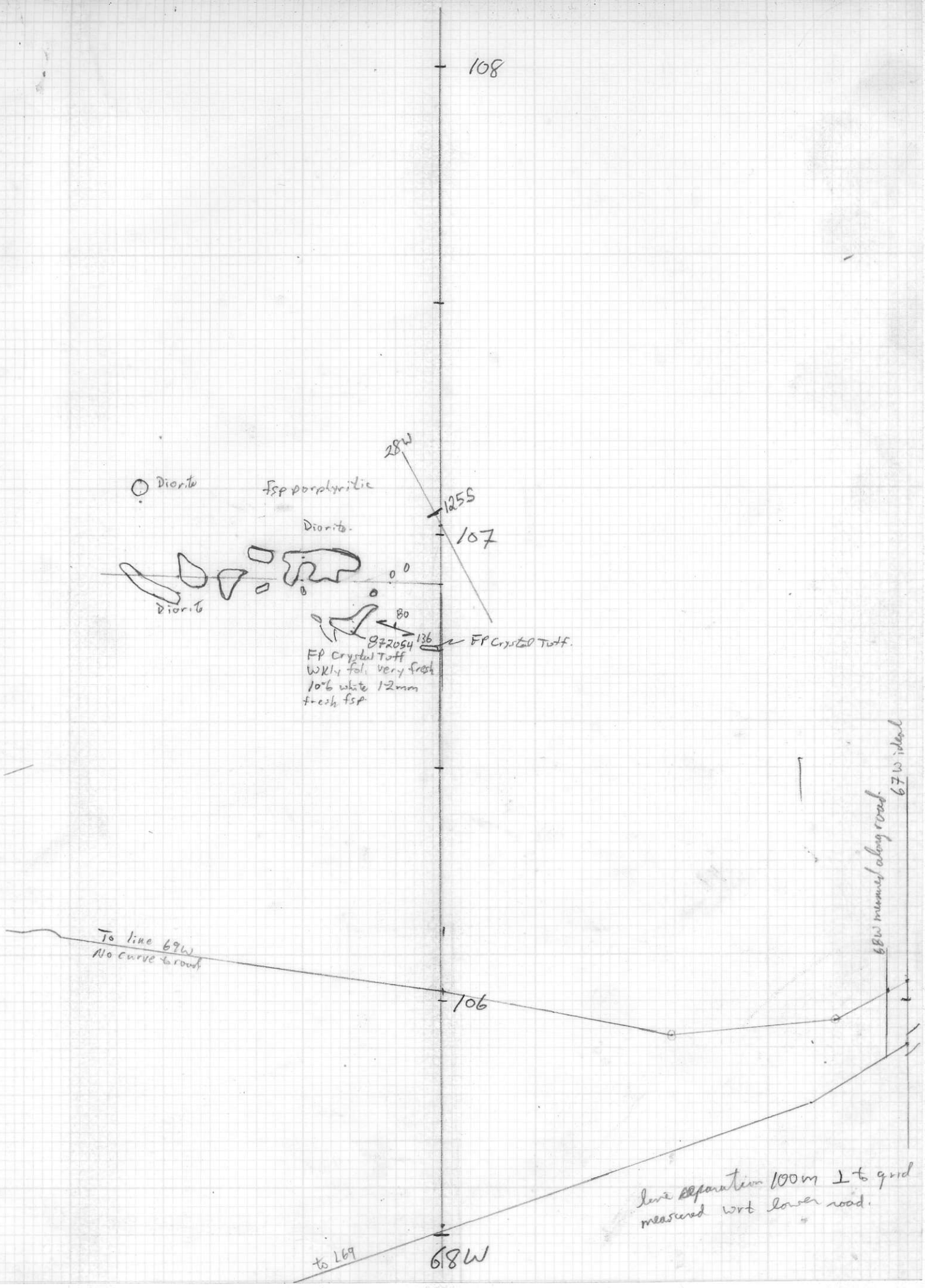
105

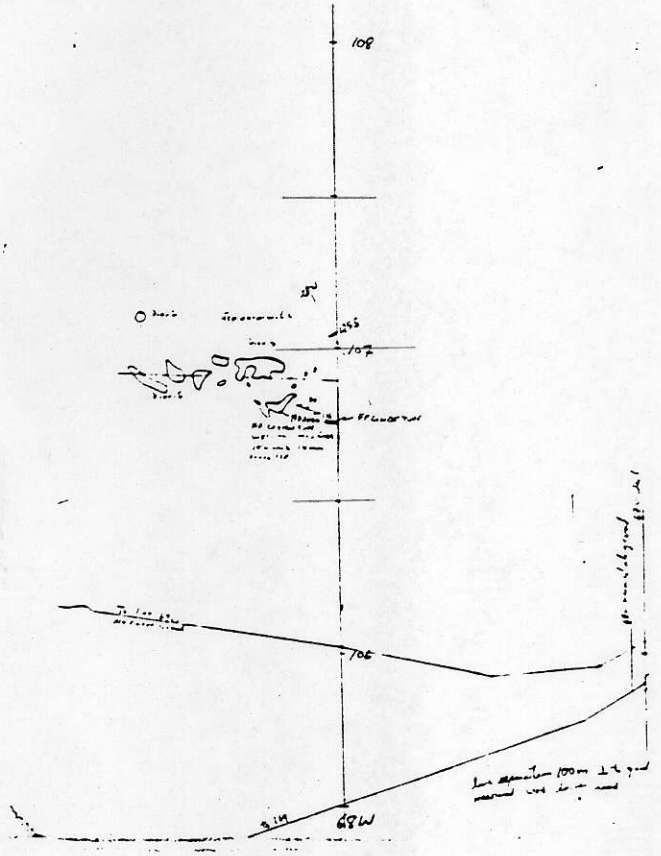
Done
No O/C
South of Road.

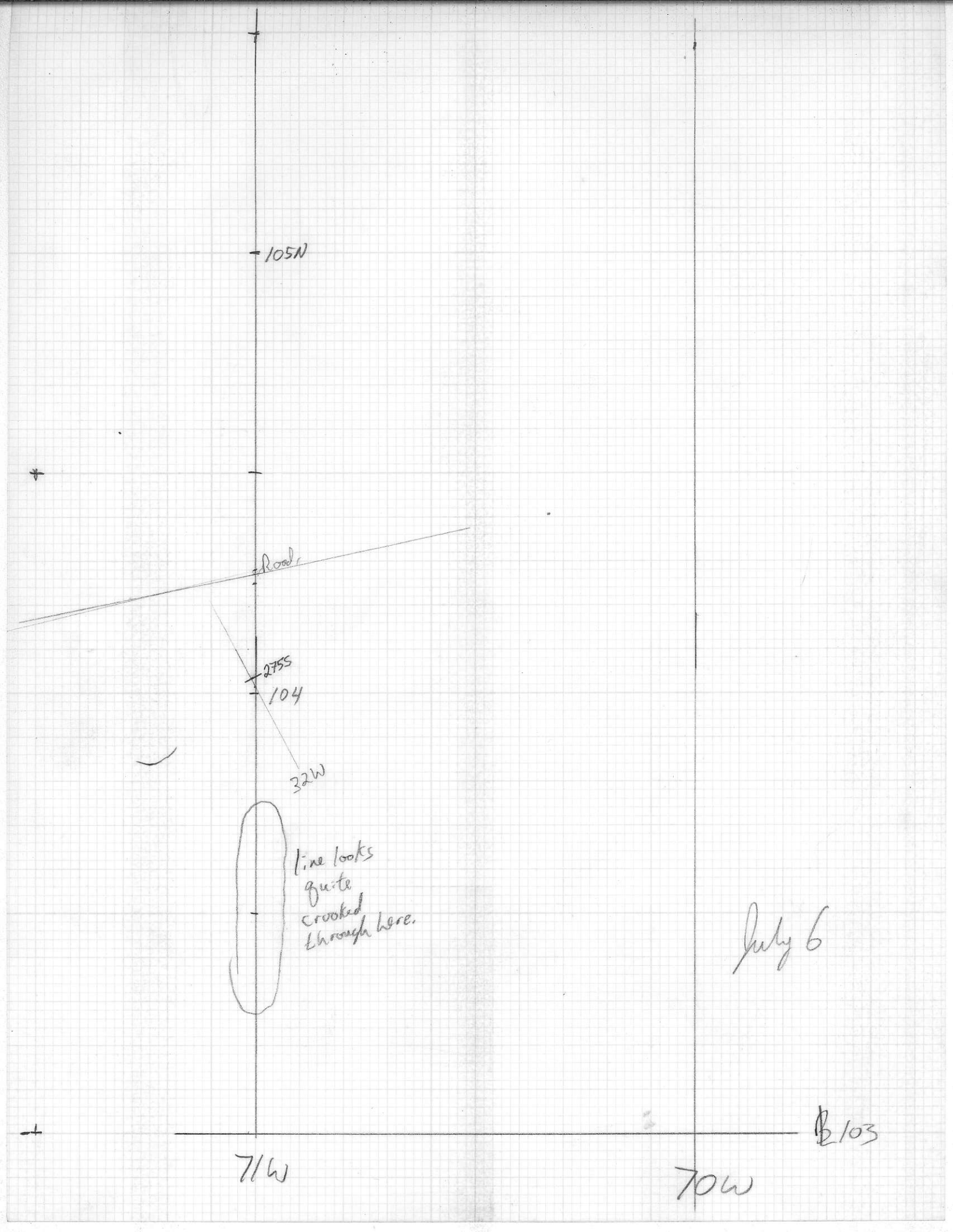
104

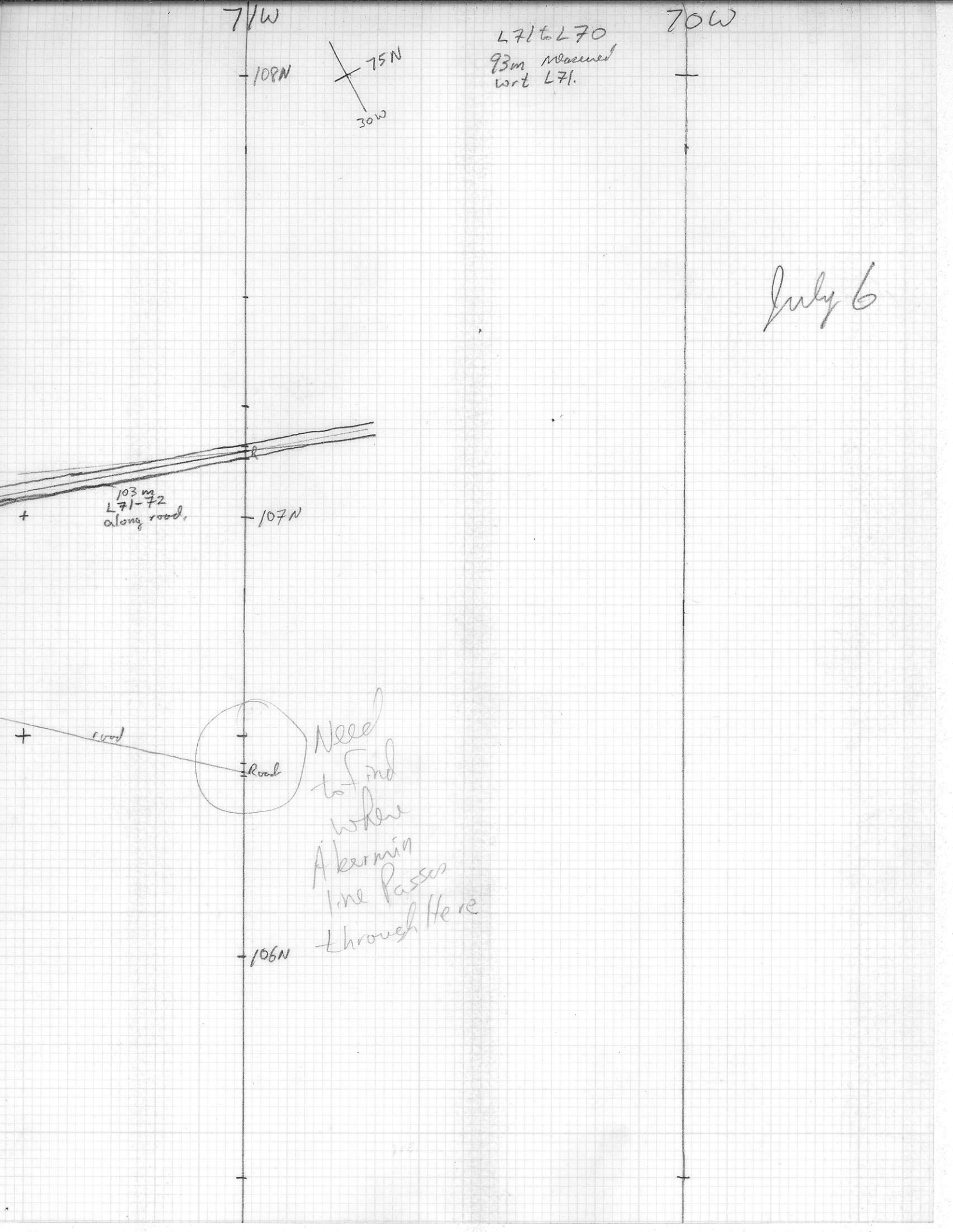
68W

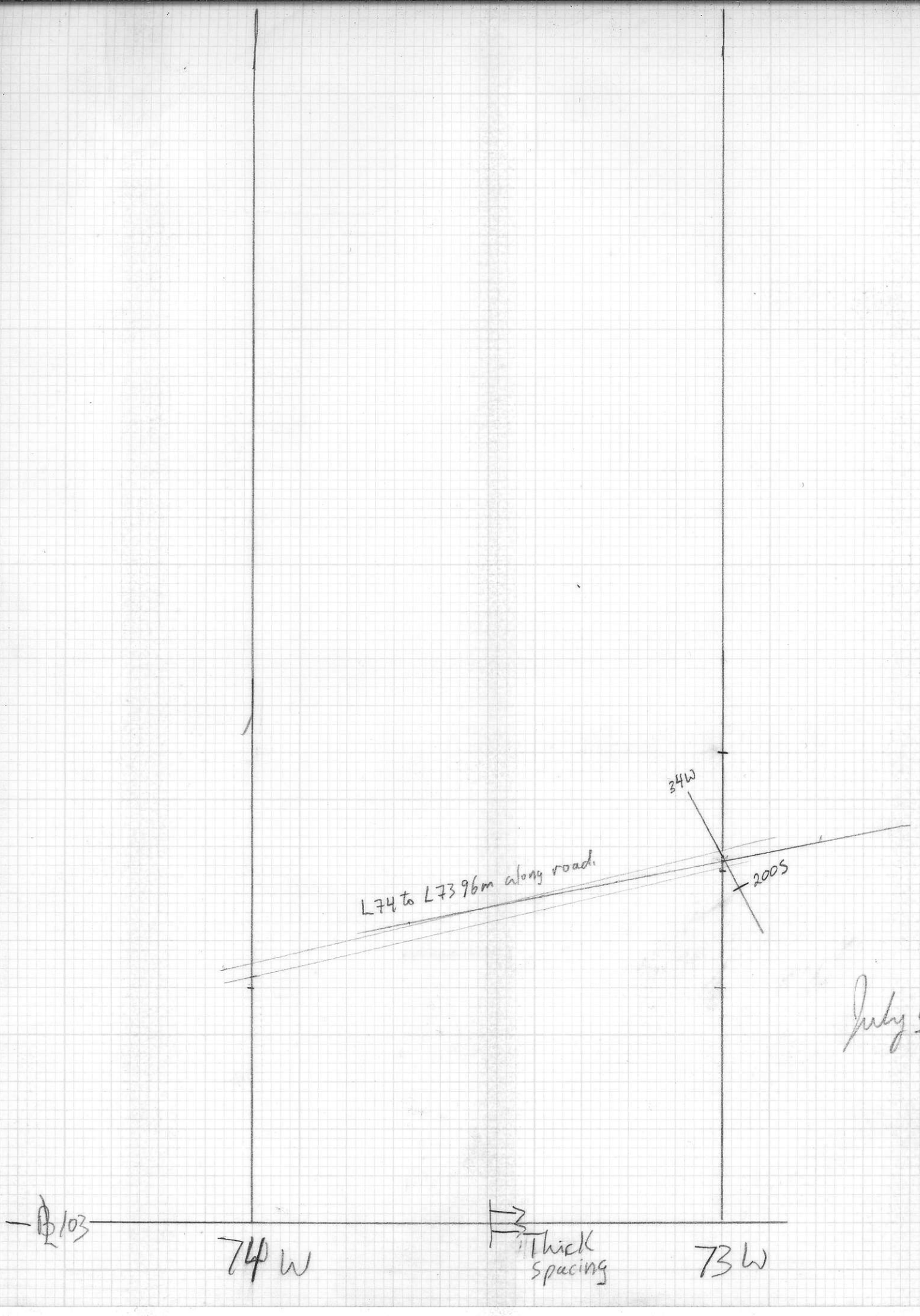
103N

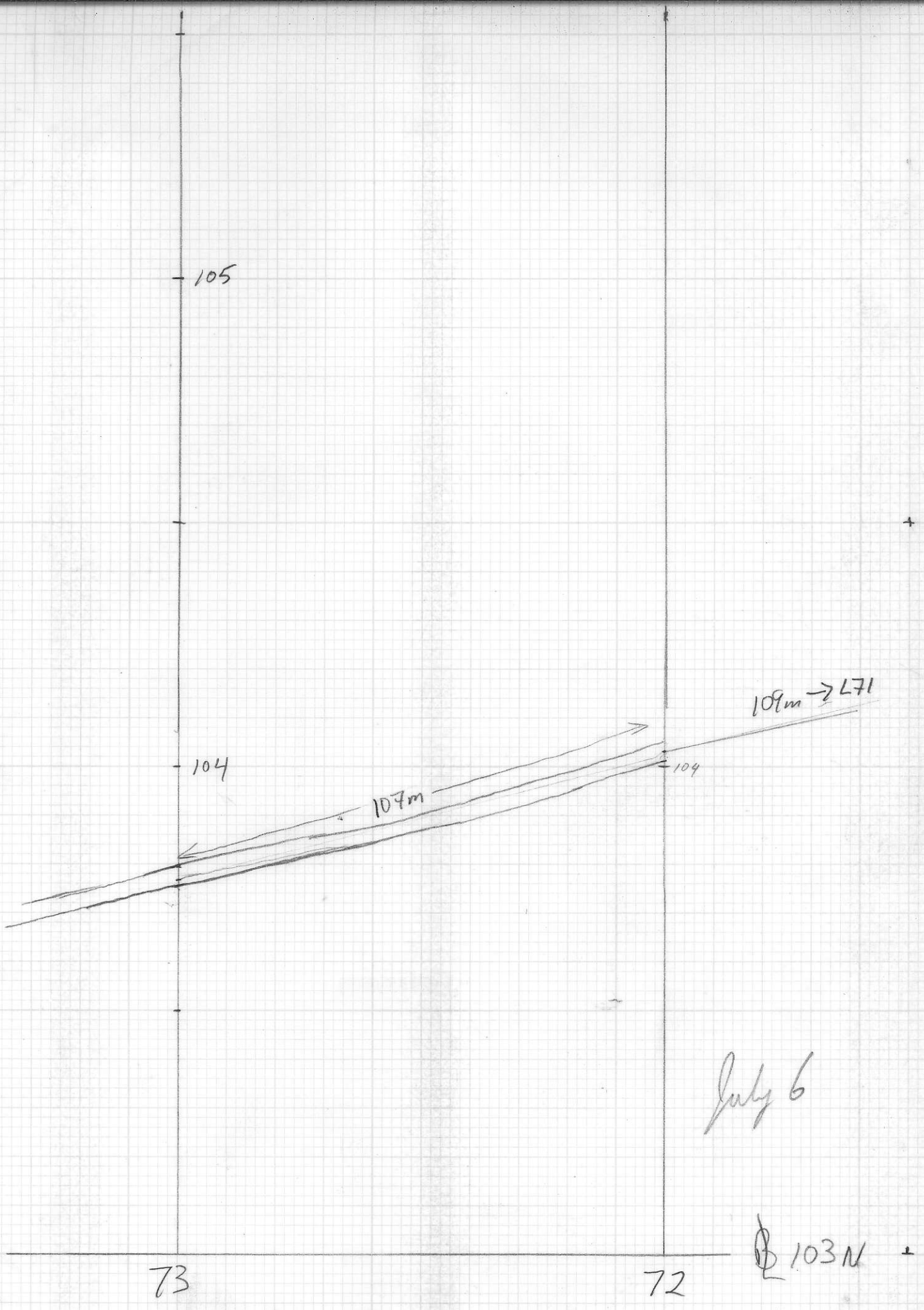

108
28W
Diorite
fsp porphyritic
125S
Diorite.
107
Diorite
80
872054
136
FP Crystal Tuff.
FP Crystal Tuff
WKly fol. very fresh
10% white 1-2mm
fresh fsp
67W ideal
68W measured along road.
To line 69W
No curve to road
106
line separation 100m ⊥ to grid
measured wrt lower road.
to L69
68W

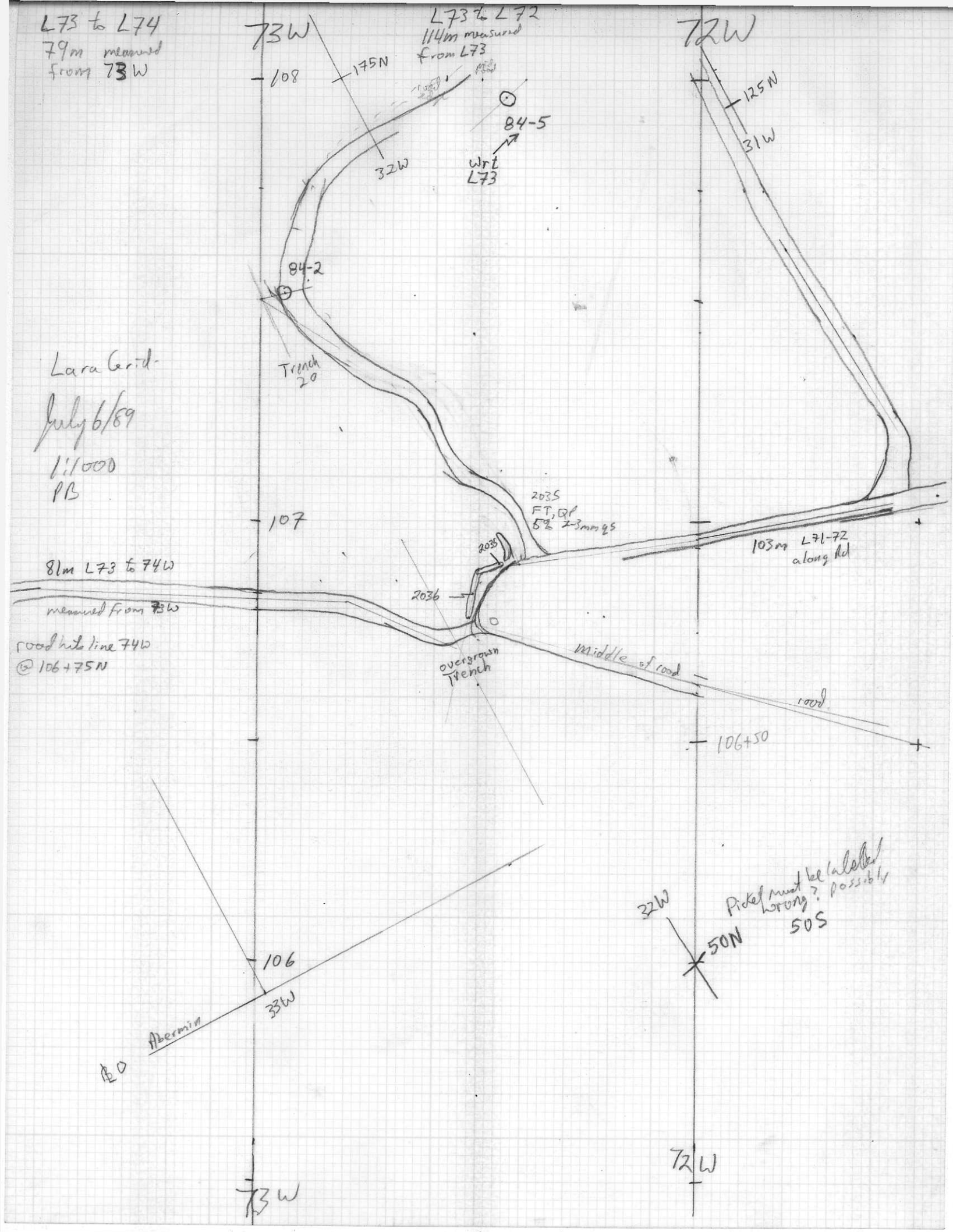

108
68W

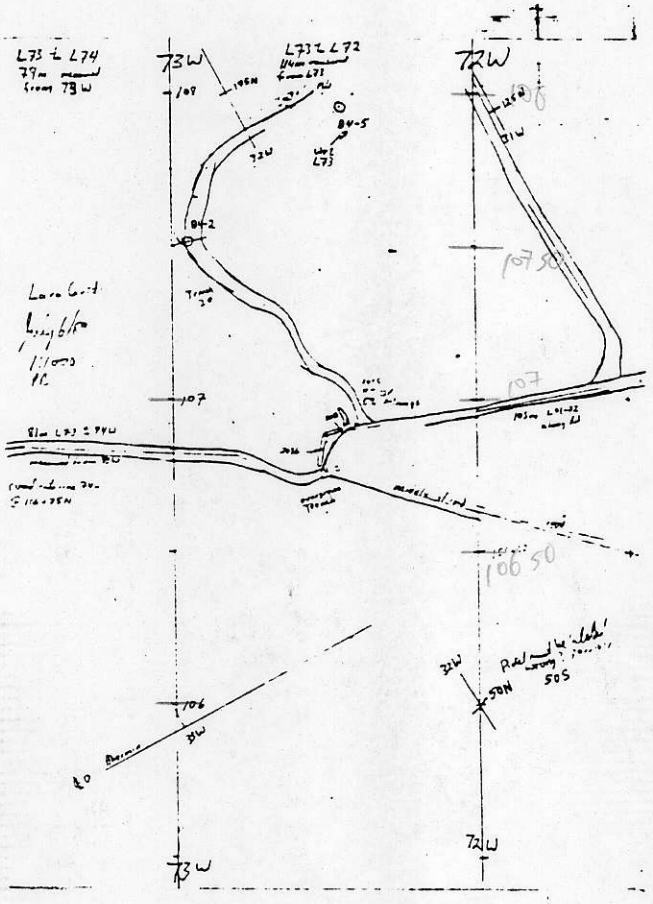

105N
Road
2755
104
32W
line looks quite crooked through here.
July 6
103
71W
70W


71W
70W
108N
75N
30W
L71 to L70
93m measured
wrt L71.
July 6
103 m
L71-72
along road.
107N
road
Road
Need
to find
where
Abermin
line Passes
through Here
106N

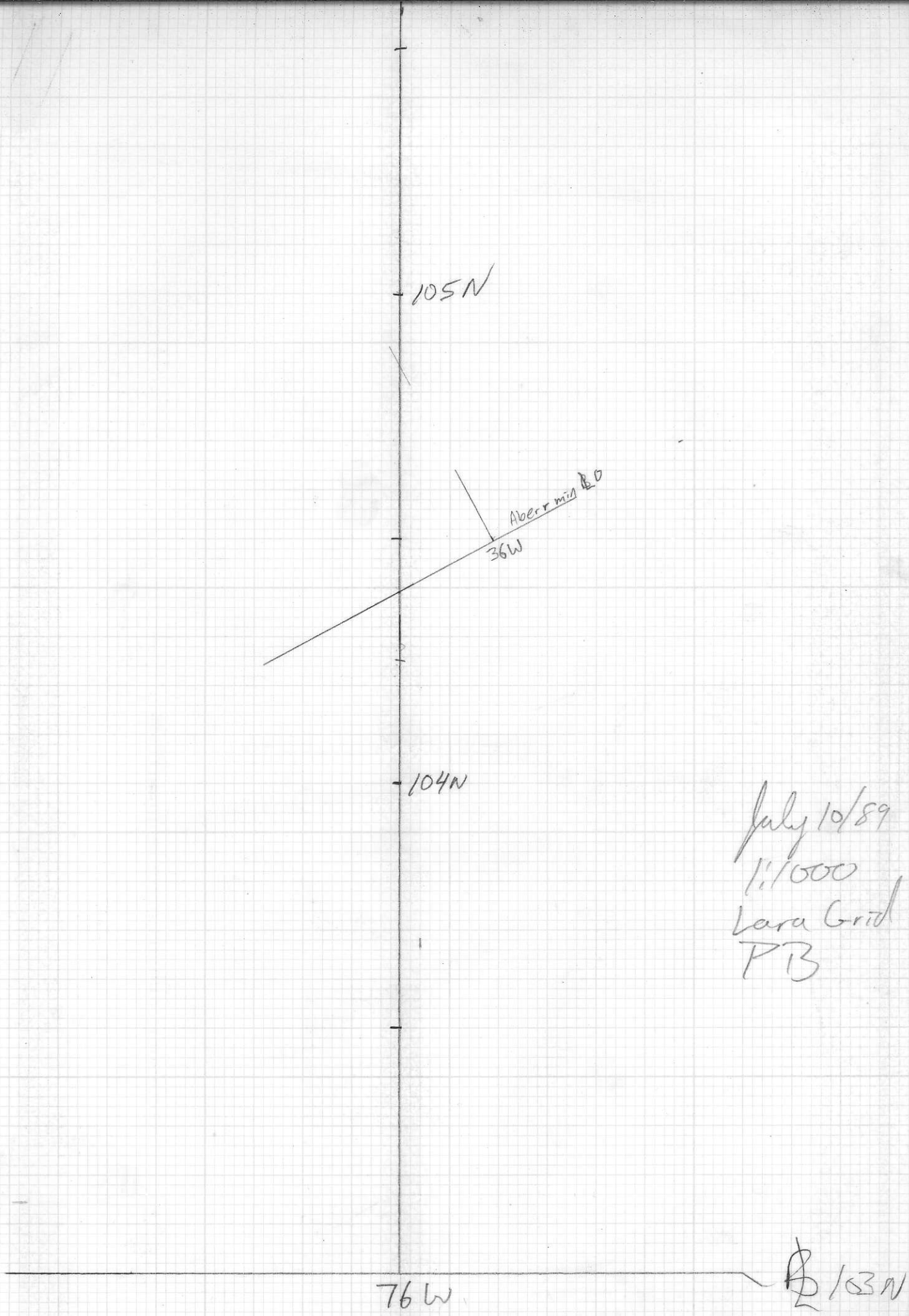

34W
L74 to L73 96m along road
200S
July 5
B103
74 W
Thick spacing
73 W


105
104
109m → L71
104
107m
July 6
103N
73
72

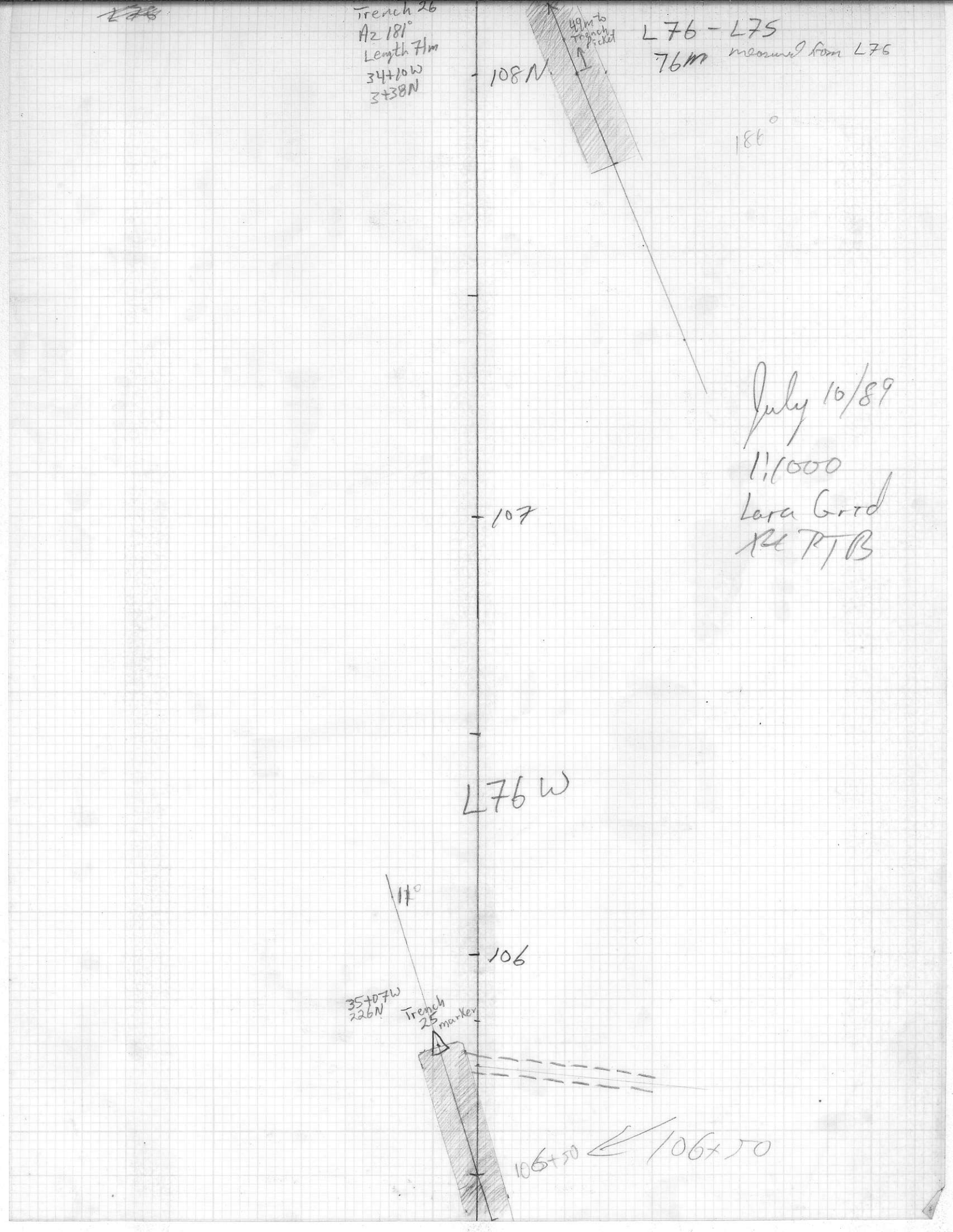

L73 to L74
79m measured from 73W
L73 & L72
114m measured from L73
73W
72W
108
175N
125N
84-5
wrt L73
32W
31W
84-2
Trench 20
Lara Grid
July 6/89
1:1000
PB
107
2035
FT, QP
5% 2-3mm qs
103m L71-72 along Rd
81m L73 to 74W
measured from 73W
road hits line 74W
@ 106+75N
2036
overgrown trench
middle of road
road
106+50
Picket must be labelled wrong? possibly 50S
32W
50N
106
33W
Abermin
73W
72W

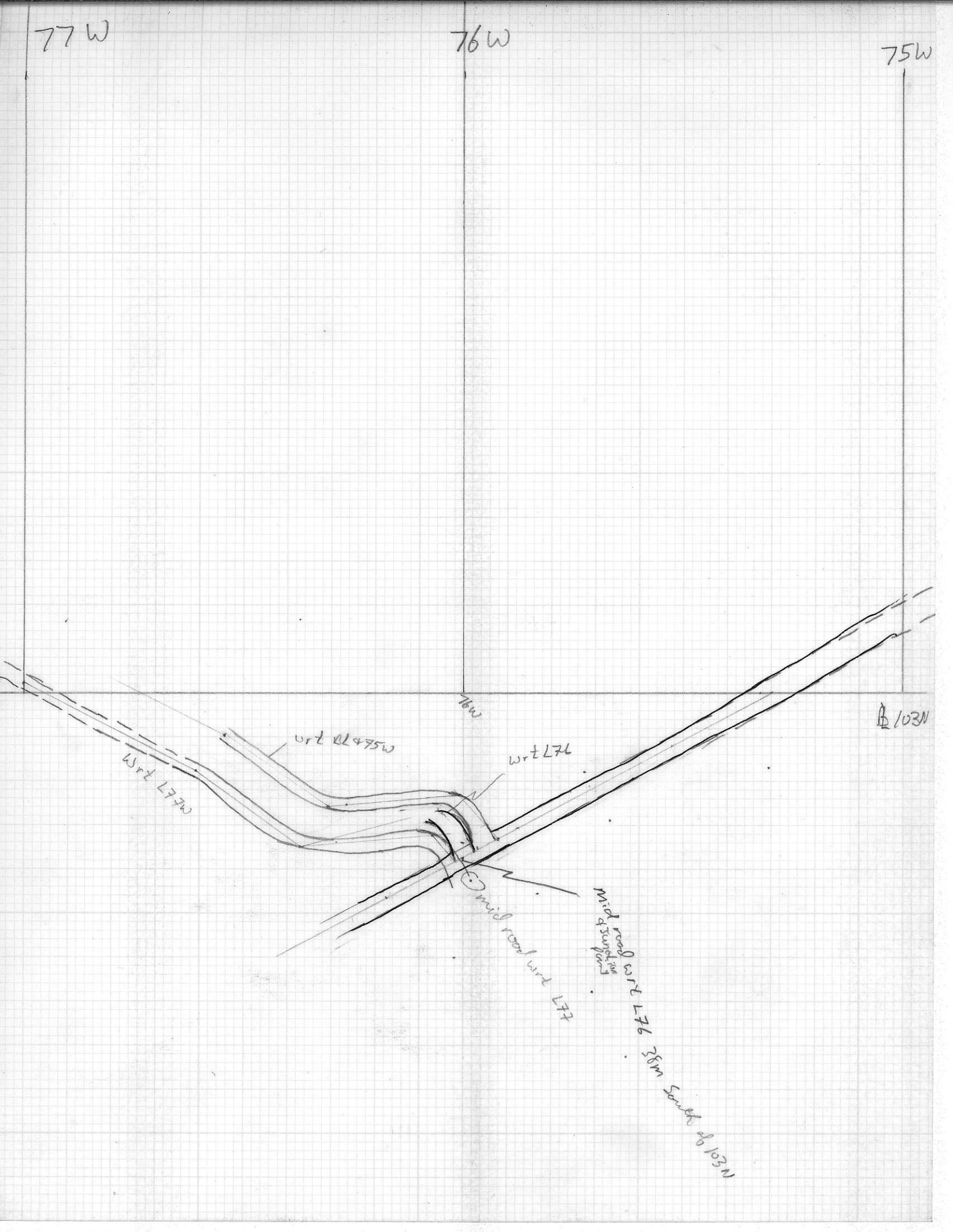


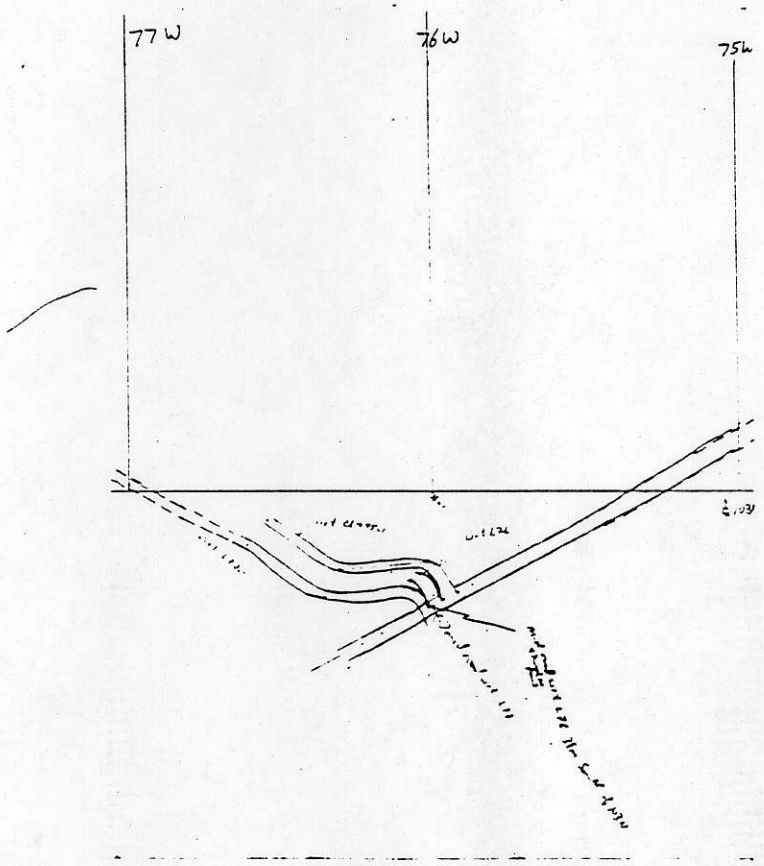
L73 to L74
79m removed
from 73W
73W
L73 to L72
72W
109
108
107 50
107
106 50
106
73W
72W

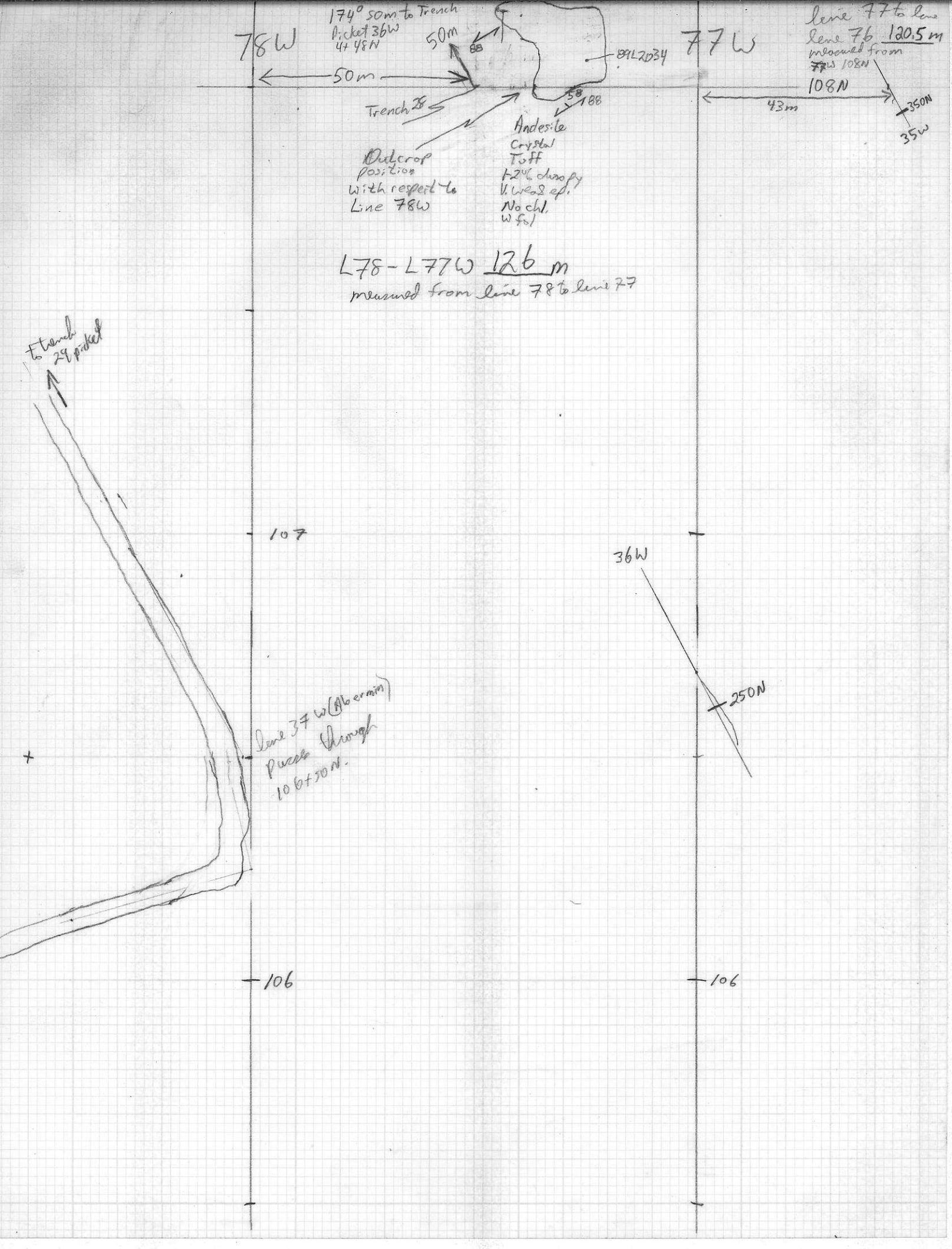


July 10/89
1:1000
Lara Grid
PB

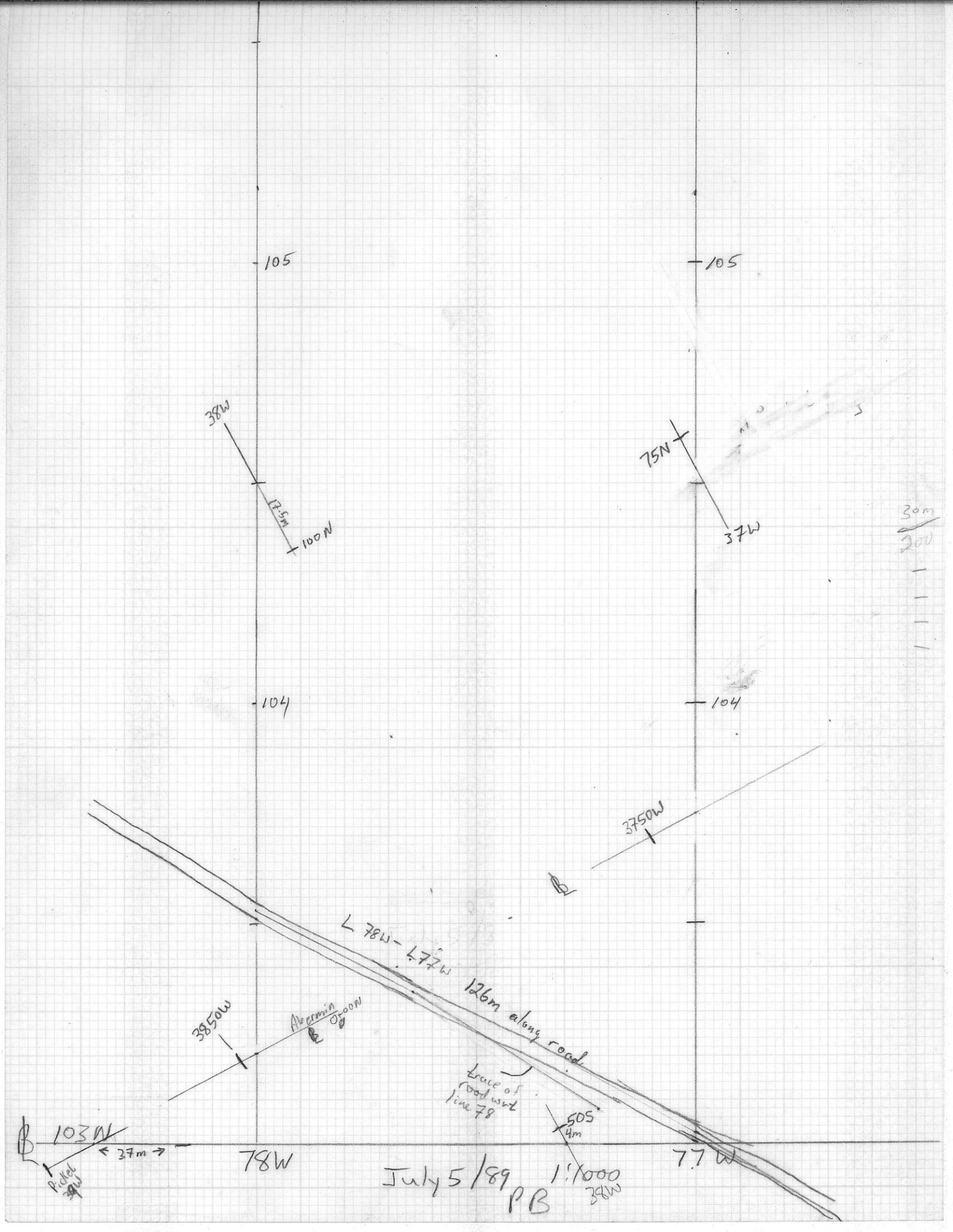

L78
Trench 26
Az 181°
Length 7m
34+10W
3+38N
49m to trench picket
L76 - L75
76m
measured from L76
108N
186°
July 10/89
1:1000
Lara Grid
RE RTB
107
L76W
17°
106
35+07W
226N
Trench 25 marker
106+50
106+50

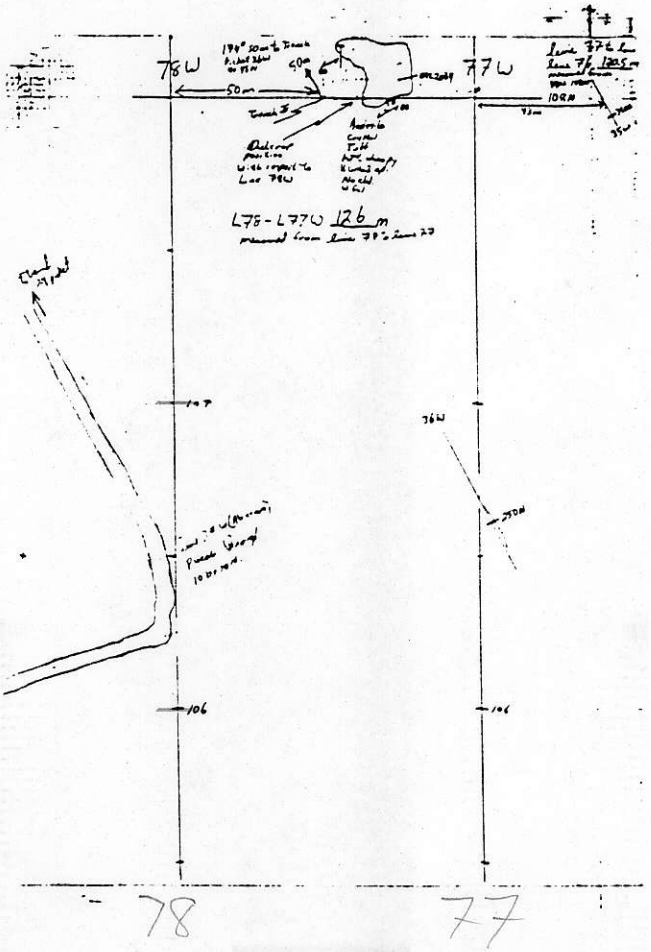

77W
76W
75W
76W
℄ 103N
wrt BL & 75W
wrt L76
wrt L77W
mid road wrt L77
mid road wrt L76 38m South of 103N

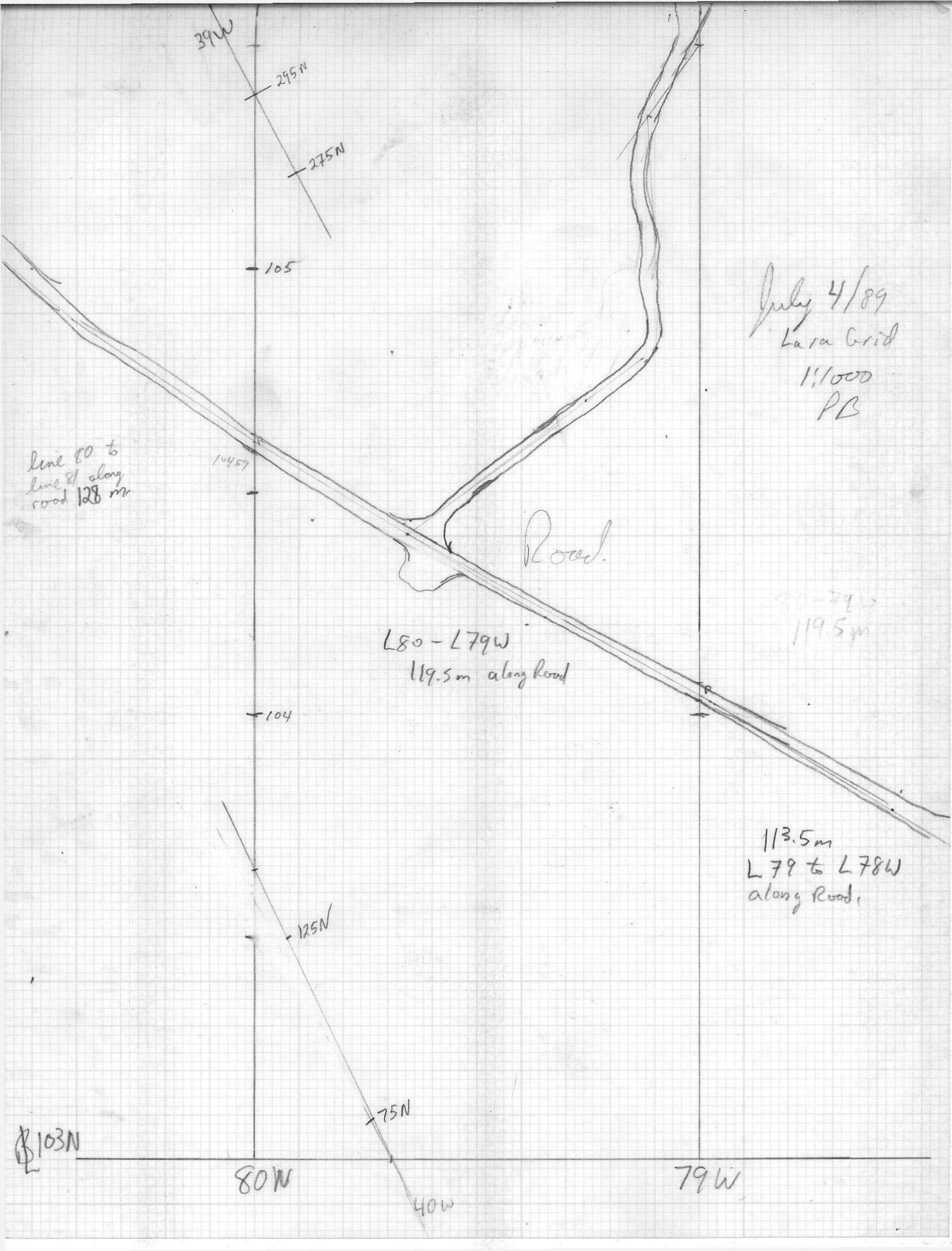

77 W
76 W
75W

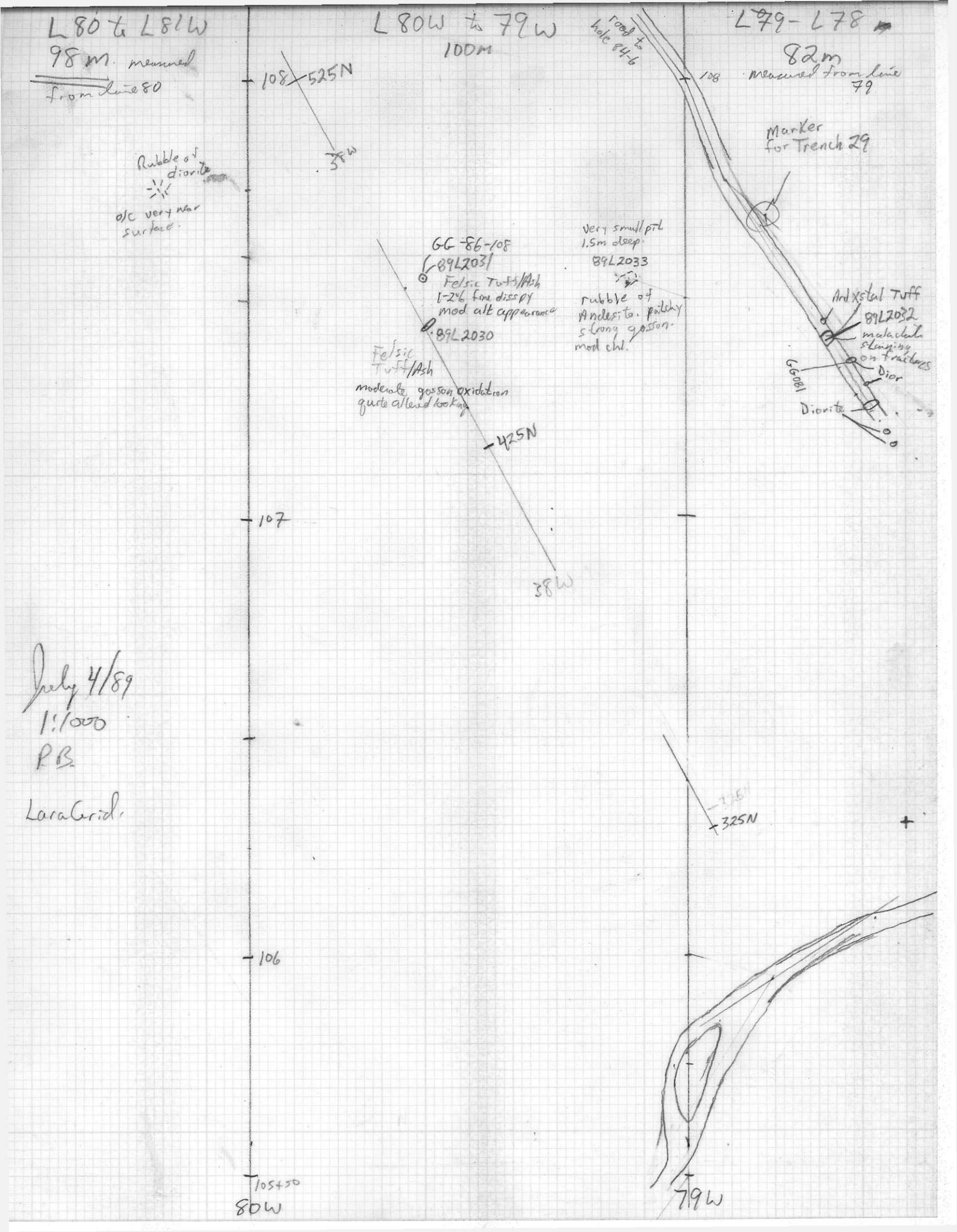


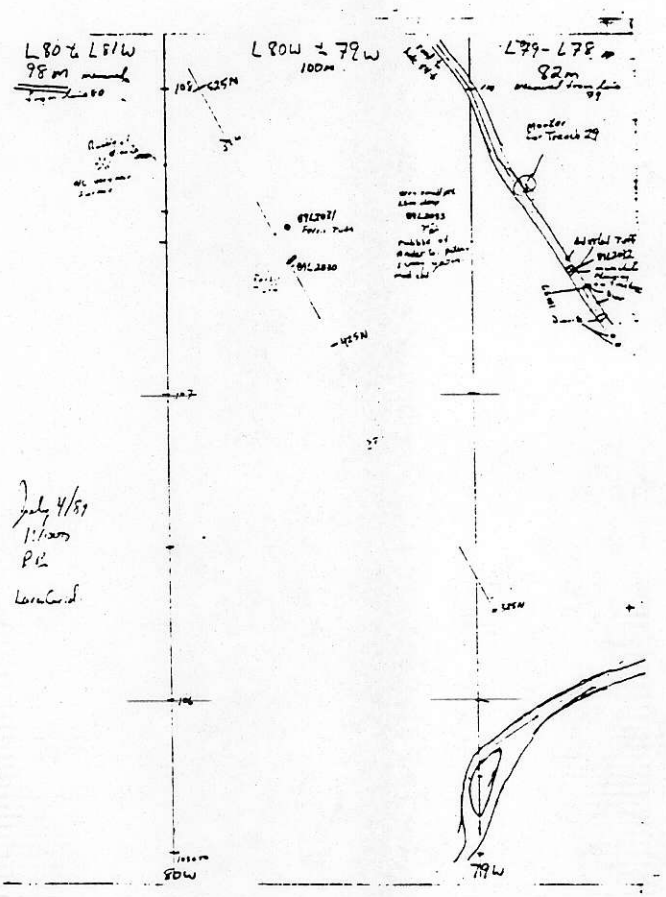
78W
174° 50m to Trench
Picket 36W
4+48N
50m
88
89L2034
77W
line 77 to line
line 76 120.5 m
measured from
77W 108N
108N
50m
Trench 28
58
88
43m
350N
35W
Andesite
Crystal
Tuff
1-2% disso py
V. weak ep.
No chl.
W fol
Outcrop
position
with respect to
Line 78W
L78-L77W 126 m
measured from line 78 to line 77
to trench
29 picket
107
36W
250N
line 37 W (Abermin)
passes through
106+50N.
106
106


105
105
38W
17.5m
100N
75N
37W
30m
200
104
104
3750W
L 78W - L77W 126m along road
3850W
Abermin
trace of road wrt line 78
50S
4m
103N
37m
78W
77W
Picket
38W
July 5/89 1:1000
PB


78W
77W
50m
L78-L770 126m
78
77

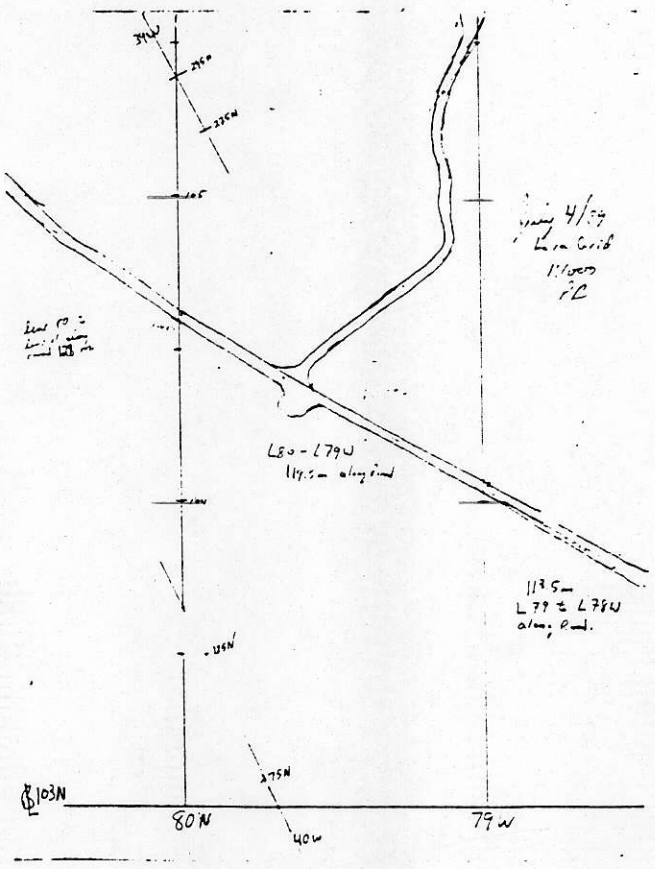

39W
295N
275N
105
July 4/89
Lara Grid
1:1000
PB
line 80 to
line 81 along
road 128 m
10459
Road.
L80 - L79W
119.5m along Road
119.5m
104
113.5m
L79 to L78W
along Road.
125N
75N
103N
80W
79W
40W

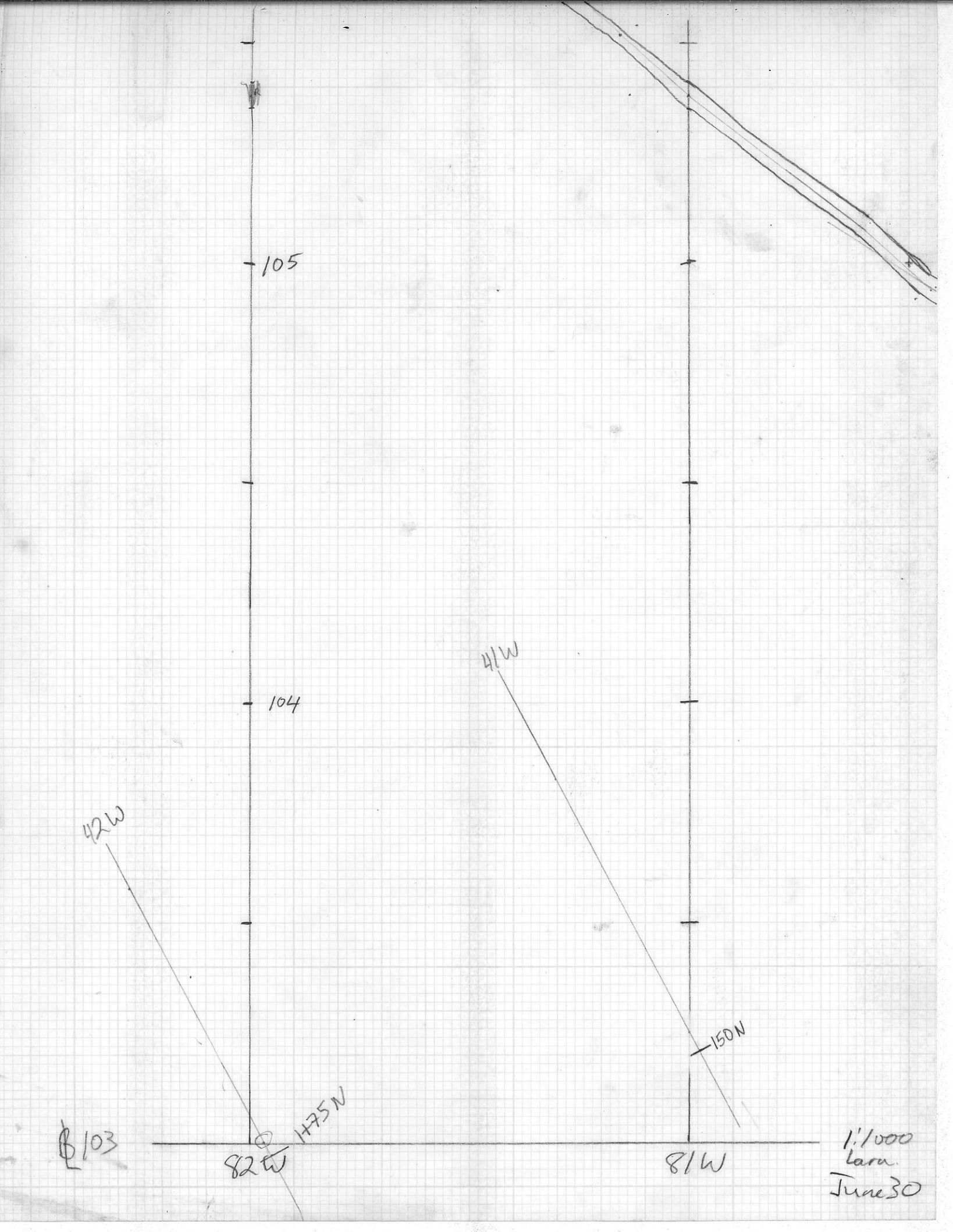

L80 to L81W
98m measured from line 80
L80W to 79W
100m
road to hole 84-6
L79-L78
82m measured from line 79
108
525N
35W
Rubble of diorite
o/c very near surface.
Marker for Trench 29
GG-86-108
89L2031
Felsic Tuff/Ash
1-2% fine disspy
mod alt appearance
89L2030
Felsic Tuff/Ash
moderate gossan oxidation
quite altered looking
Very small pit
1.5m deep
89L2033
rubble of
Andesite. patchy
strong gossan.
mod chl.
Andesitic Tuff
89L2032
malachite staining on fractures
GG-86-81
Dior
Diorite
425N
107
38W
July 4/89
1:1000
P.B.
LaraGrid.
325N
106
105+50
80W
79W

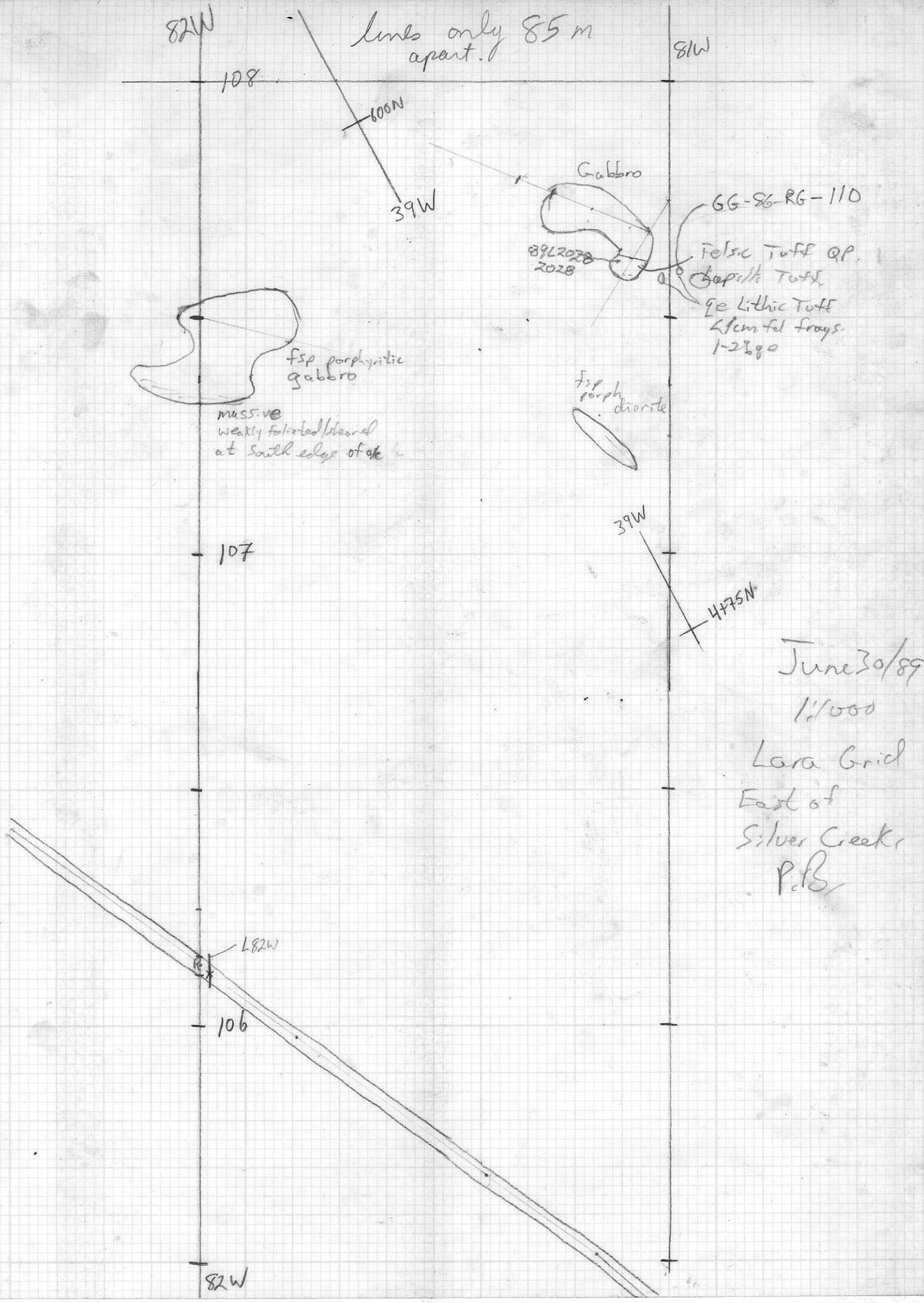

L80 to L81W
98m
L80W to 79W
100m
L79-L78
82m
Monitor for Trench 29
July 4/89
1:1000
80W
79W

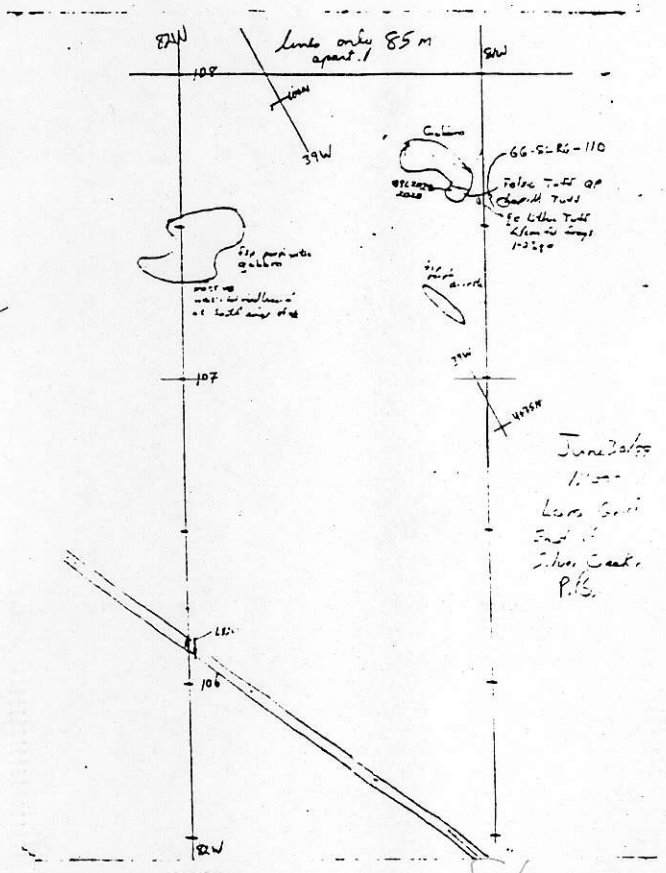
1cm = 2500m

~~100~~ cm = 2~~500~~




105
104
41W
42W
150N
1+75N
℄103
82W
81W
1:1000
Lara
June 30


82W
lines only 85 m apart.
81W
108
600N
39W
Gabbro
GG-86-RG-110
89L2028
2028
Felsic Tuff QP
Lapilli Tuff
qe Lithic Tuff
<1cm fel frags
1-2% qe
fsp porphyritic gabbro
massive
weakly foliated/sheared
at south edge of ok
fsp porph diorite
39W
107
4475N
June 30/89
1:1000
Lara Grid
East of
Silver Creek
P.B.
L82W
106
82W


82W
lines only 85 m
apart.
108
39W
Gabbro
GG-SL-RG-110
False Tuff QP
107
106
82W

82

81