U12540

G. Pearce

Royale Grp. Oct 4th

& North of.

0700

Land. on grite # P13

med grey f.g. sugary grite.

200' - crossed E-west contact.

with dk melted feld.

porph (po) - all P14

rubble etc.

250' - grite

over next 200' - dykes of

above.

600' - feld augen gn. and

grosse gnt gn P15

650 - goes through contact complex

into med to c.g. granite

with chloritised mafics

P16 A B C D

1600 - all hb. diorite from

granite contact complex below

The rock is c.gr. equigranular most hand specimens having ¼ to several grains of pyrite visible. P17

at 1400 - diorite - broken etc. has cavities - leached out carbonates?

1675 block of epidotized pyritized diorite P18

1850 - diorite - highly pyritized seams of pyrite upto 1/16" & pods & dissemination in several blocks - also locally K spar - metasom. P19.

2100 some dk mottled diorite porph (feld por'd). P20

2350 - pillars - diorite

fol. E 170/80E

3400 - scattered blocks of diorite along ridge. Here pillars of c. gn diorite.

3900 - more diorite pillars
Σ 170/80E - this appears to be rather a rock cleavage but a slight foliation seems to be present as well.
few specks pyrite

4600 - all diorite to here (pyrite - accessory mineral).
here - dk. fold. porph cutting? diorite

4800 - diorite to here
4900 - scattered blocks of fold. augen gn & granite gn.
5600 - crossed rubble etc. & buff fold augen

fine grained granite gn.
— the occurrence of this
rock at the South end
of the intrusion where
g[illegible] occurr — suggests
that the gneisse are
contact metasomatic
g[illegible] — It is interesting
that feld porphyroblasts (?) are
Carlsbad twins in some
cases (supposedly criterion for
igneous feldspars) P21

6300 — still feld augen sch.
but considerable
psammitic sch (qtzite).
P22

6400 P23 — qtz-feld- f.gr. rock
with dissem. pyrite.

7250 - granitic paragneiss
≤ 0°/50°E (Fol).

7300 - biot, hb, qtz plag? sch
≤10°/40E
P24

7600 - small ots. biot qtz
sch & feld augen gn

8100 - one slab - impure
qtzite (biot qtz sch)

9200' - turned W for
1000' to Creek
cutting mag anomaly -
qtzite, gneiss, med-c.g.
alaskite granite as float
at head of creek

0400 on Creek
250 - sugary f.g. biot granite
(buff) cutting feld augen
gn NE bank.
P25

650' - chloritized biot granite
& qtzite from bank
sl sleigh P26

soil 9P931 Took soil from Bank

950 – ditto rocks.
pyrite in granite (clastic)

1100 – greater proportion
of granitic blocks.
clastic & biot granite
(chl. mica). C. grand
manulite & hornb
– redmerend may be
decomposed garnets.

P27.

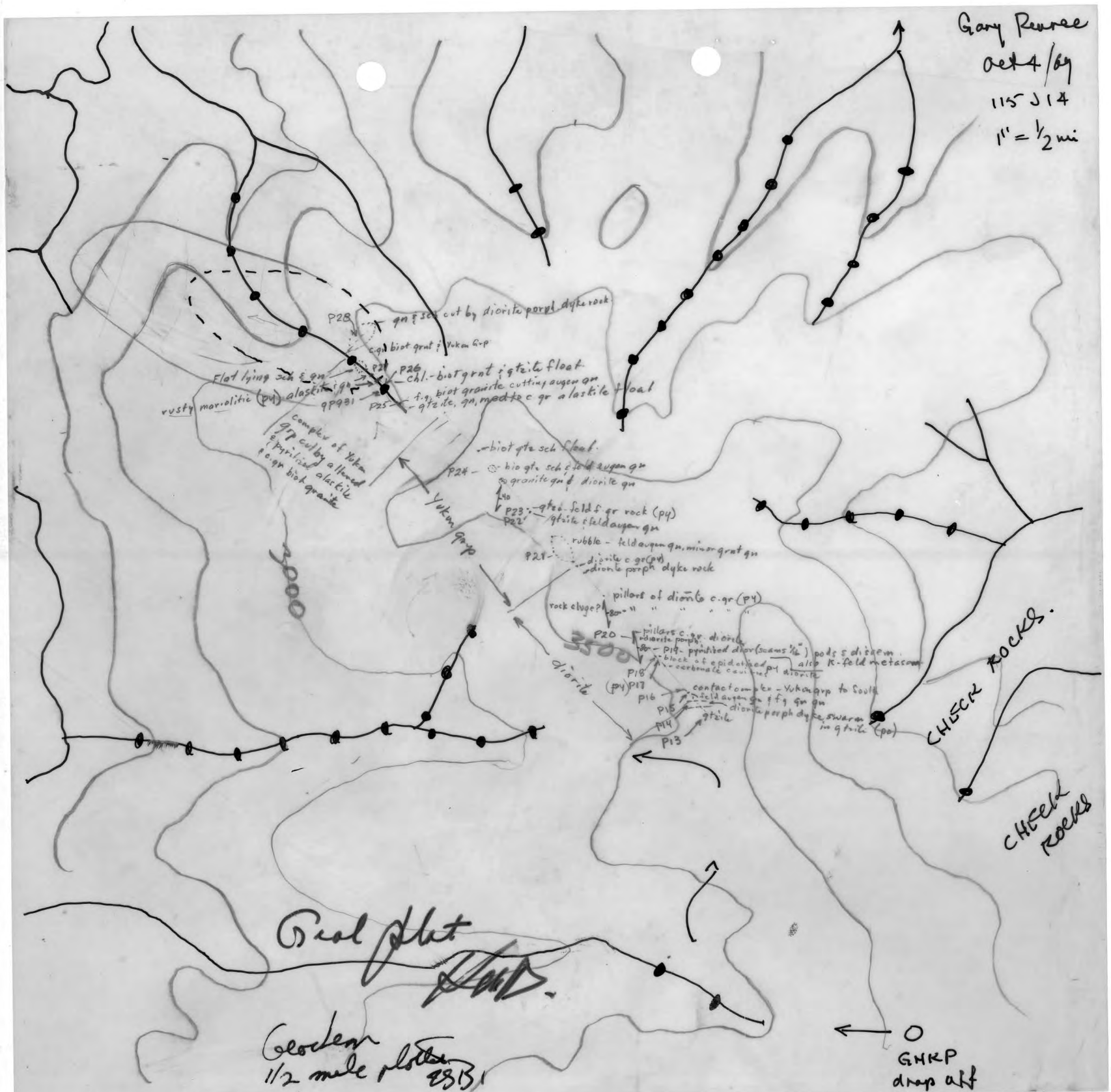
1250 Halbjay Yukon sch & gn.

1400 – ditto. Sandy, argillaceous

1550 large cgr. biot granite
float. & small gn & sch.

1800 climbed up NE bank
for chopper pick up
here gn & sch cut by
dk felsite porph (dacite porph
dyke rock).

P 28


Gary Rennie
Aug 4/89
115 J 14
1" = ½ mi
P28
gn & sch cut by diorite porph dyke rock
c.gn biot grnt ? Yukon Grp
P27
P26
Chl.-biot grnt ? qtzite float
Flat lying sch & gn
rusty marbolitic (py) alaskitic gr
qp931
P25
f.g. biot granite cutting augen gn
qtzite, gn, mod to c gr alaskite float
Complex of Yukon Grp cut by altered & pyritized alaskitic & gn biot granite
biot qtz sch float
P24
biot qtz sch & fold augen gn
to granite gn & diorite gn
P23
P22
qtzite - fold f gr rock (py)
qtzite ± fold augen gn
Yukon Grp
rubble - fold augen gn, minor grnt gn
P21
diorite c gr (py)
diorite porph dyke rock
pillars of diorite c.gr (py)
rock chute?
P20
pillars c. gr. diorite
diorite porph
P19 - pyritized dior (seams ½") pods & disseminations
also K-fold metacgn
block of epidotized
carbonate cavities
P18
P17
(py)
P16
contact complex - Yukon Grp to South
fold augen gn & f.g. gn gn
P15
diorite porph dyke, swarm in qtzite (po)
P14
qtzite
P13
3000
3500
diorite
CHECK ROCKS.
CHECK ROCKS
Goal Plat
Geochem
1/2 mile plotted
GHKP
drops off

Oct 5/69.

Vegas Grp. C. Pearse.

0100 - j.ct. of main linear drainage from W with Cottee creek Brg 100°

1700 - base of slope - elongate pond 500' long N.S.

Yukon grp: schist (amphibolite & granitic paragneiss) float & angular blocks of intrusive feld porphyry - granitic comp.

20% white euhedral feld ± 3 mm in chocolate brown feldspathic aphanitic groms. also scattered mafic xls (amphib?) epidotization also, small fractures - pyrite sparsely disseminated (euhedral)

P29

1800' Yukon grp — increasing amount of porphyry. — some diorite porphyry.
P30

1900' — More than 75% Diorite porph — also acid porph. and various phases of

2300' — Some Yukon grp. gn. but predominantly a porphyry complex — diorite porph acid feld porph & chilled equivalent of both & no solid etc.
P31

3100 — summit of N nose of ridge nearly exclusively dior. porph. to here — here several large blocks of feld augen gn as well.

0700 Turned S ascending ridge

350' Brg 180°
all diorite porph to here
few Yukon gp qu here. P31A
400' - 50' dyke of vf.g. granitic
rock with scattered phenos.
of felds. - small rusty spots
throughout trend ± 130°
cont: Y.G. qu diorite porph
contact lies 50' to NE P32

600' 50' diorite porph (trend ?)
Σ 120° (float trend)
bounded by Yukon Gp.
P33

Y.G. Grey

E30/40E

sharp crest of ridge

P34

1250 - vf

diorite dyke

15' wide

P35 E 30/90

320 L Pacific Rainproof

30 Y.G.
f.g granit. gn
& fld. mica
grit, scl.
P 36
4600 - Y.G
prd. gth &
although
float not
bu dant

Over last
1500'.
Here-c.gr
alaskit!
granite
right at
Post *
1962
Pst #2 17&16

C.9 granit
's P37

5600 - [redacted]
Granite
to here
P38

6100 - still
qr here P39.
f qr cuts cgn

6400

P40
alaskite
pyroxenite
Cavities

.6600 - Alask
T.P. Brg 70
.350 v.f.g.
foliated

epid & min
w/ rhombic
clvge- brown

P41

SD - alaskit
& few Y.G

1000 - muskeg
no rocks
to crush

T.P Rm 3

- 700 - alaska

- 1400 -

hit cla

in @ 290

1600 - on

pier f.g

al skis

320 L Pacific Rainproof

1800 - c.g.r. classifier. (2% bulk)

1850 - hit same post as before (1718, 1120)

2300 still classifying

3250 h.f
post #1711
" #2-15 k
lg. blocks
(several tons)
alaskite
c.gr.
4650 cl.
post # 1516

C. gr. alask.
(some bird)

P42

5000. one
block YG
gn. ε
pkt. alaskii
6050-# cl. 13, M.

bio grenk
med fr.
alaskite
nc. in mafic
YG just
at rim
Σ105/7 S

320 L Pacific Rainproof

600' down stream

YG & G.

18m. diss. pyr. Sheet pyrite

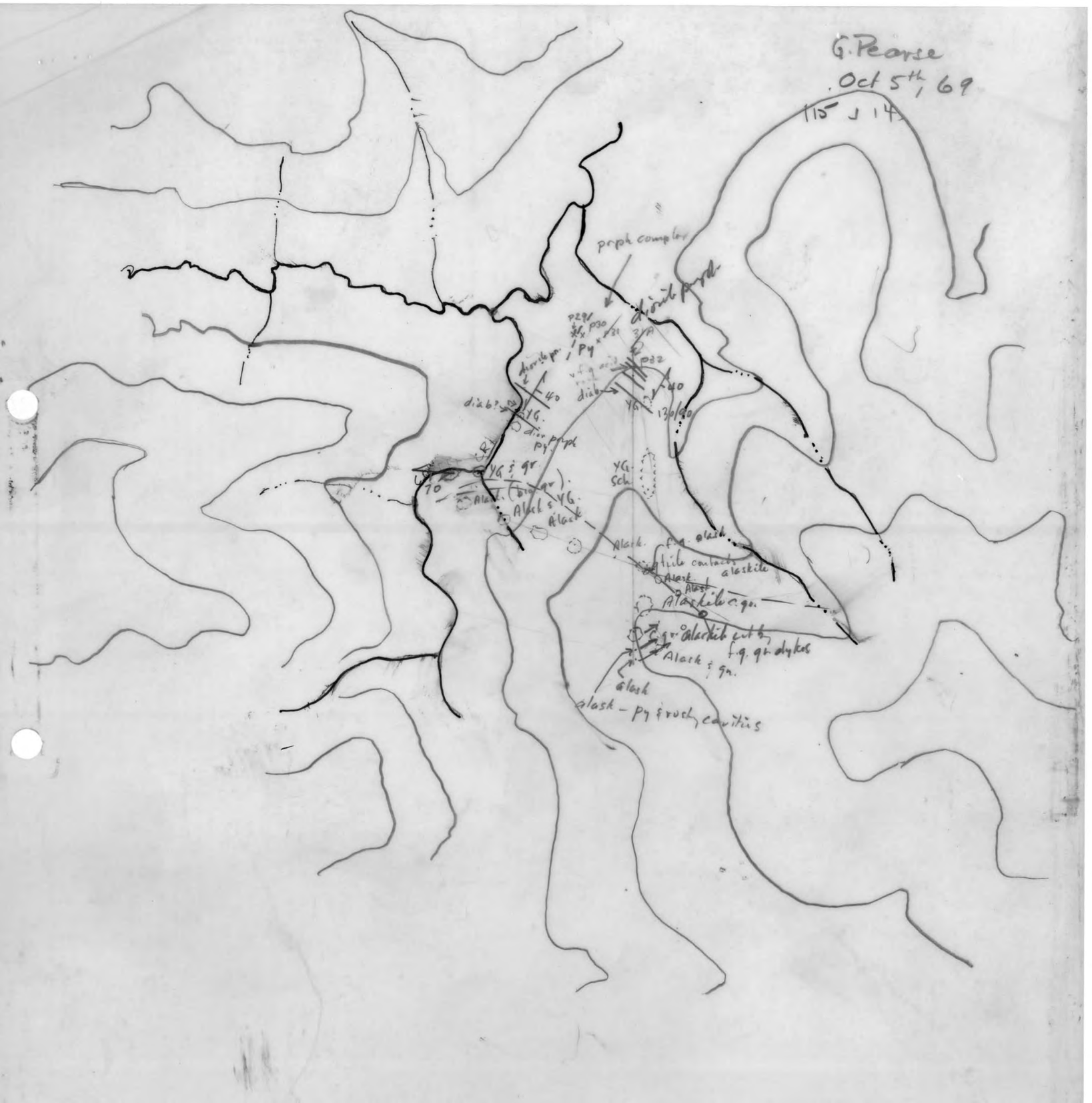
200 YG gn

E 30/40E

2 00 - v. f.
dirt dyke
like an indp

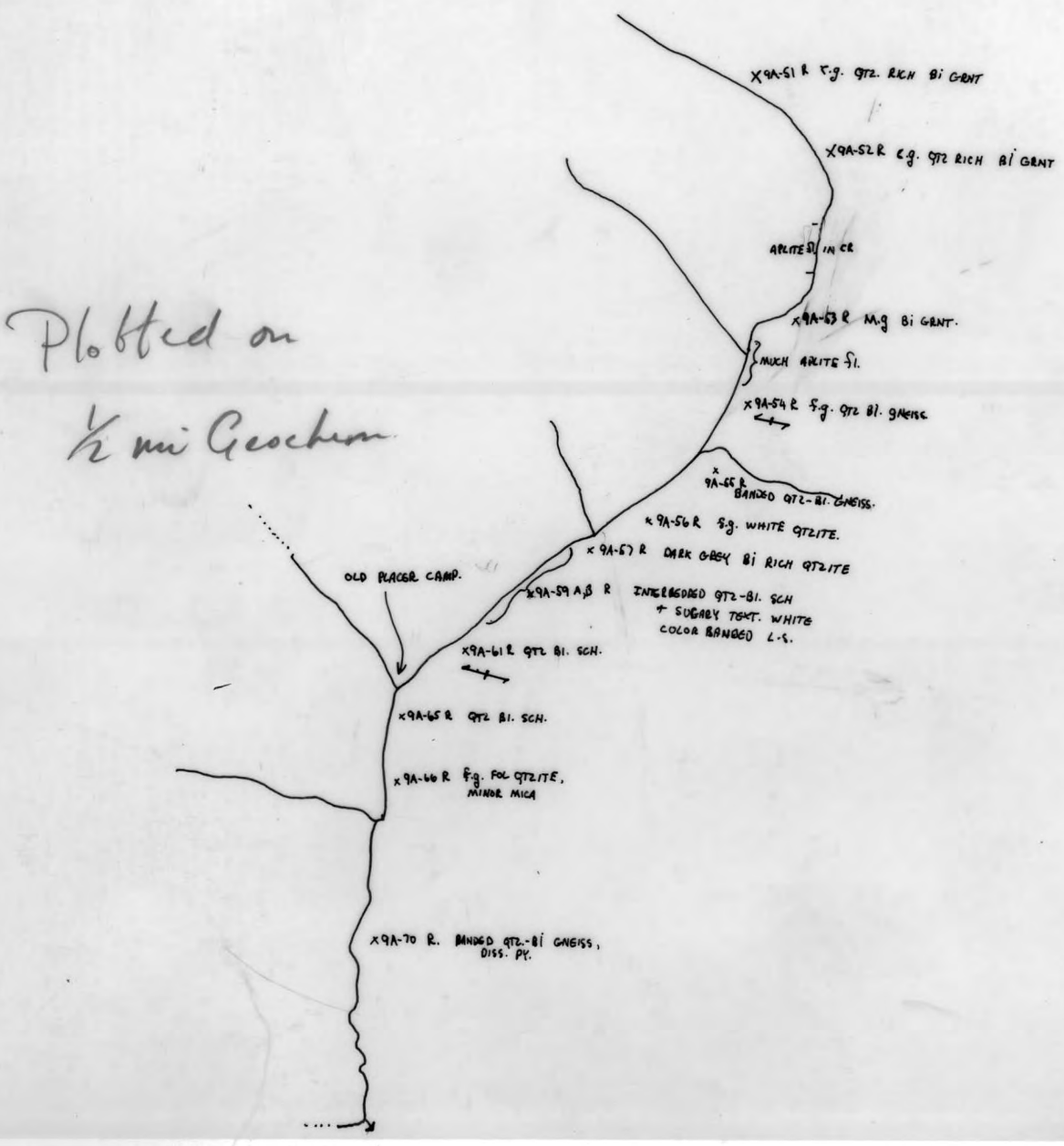
2400 dir
prop cutting
on 40' wide

3100 - ht
clearing


G. Pearse
Oct 5th, 69
115 J 14
prph complex
diorite prph
P29
P30
P31
P32
Py
diab?
YG.
YG & qr
Alask & qr
Alask
fine contacts alaskite
Alaskite & qr.
f.g. qr. dykes
Alask & qr.
alask - Py & rock cavities

9A51—70

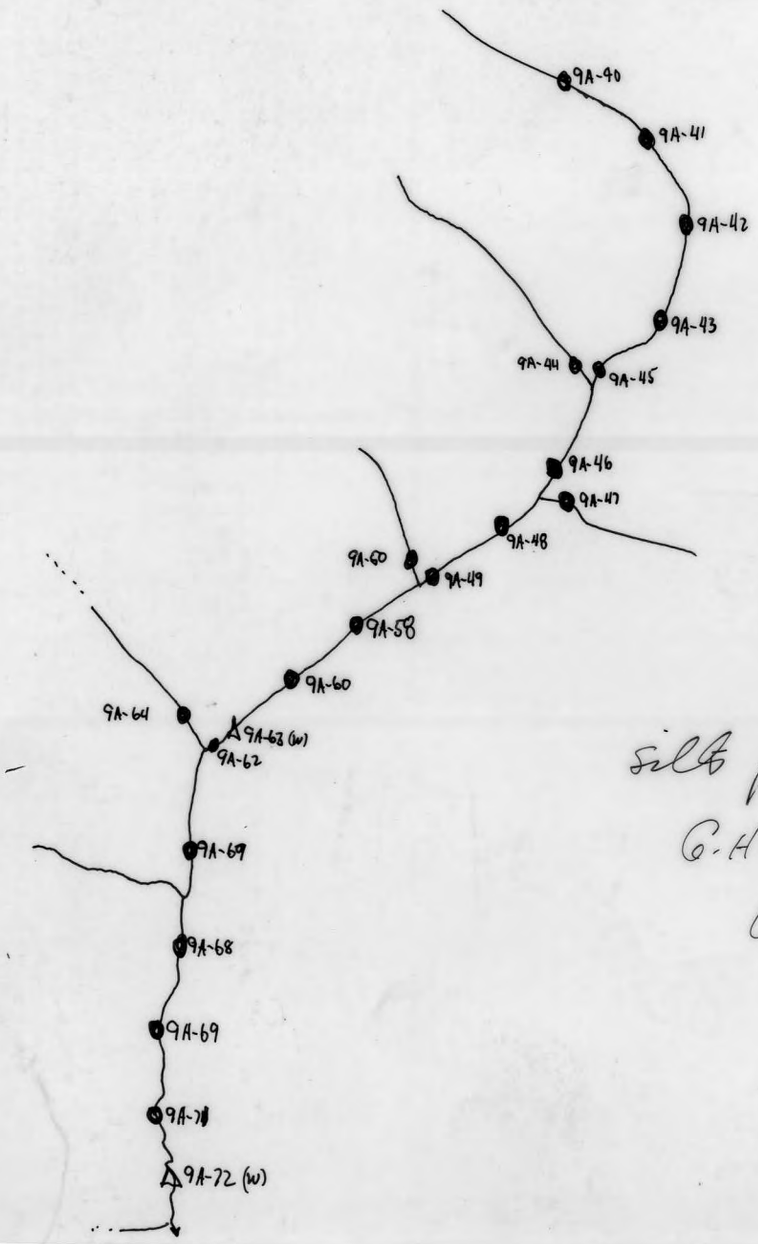
T. ADAMSON
115 - J - 14
1": ½ MILE
SEPT. 21/69



Plotted on
½ mi Geochem

9A 40-72

T. ADAMSON
115 J-14
1" : ½ MILE
SEPT. 21/69

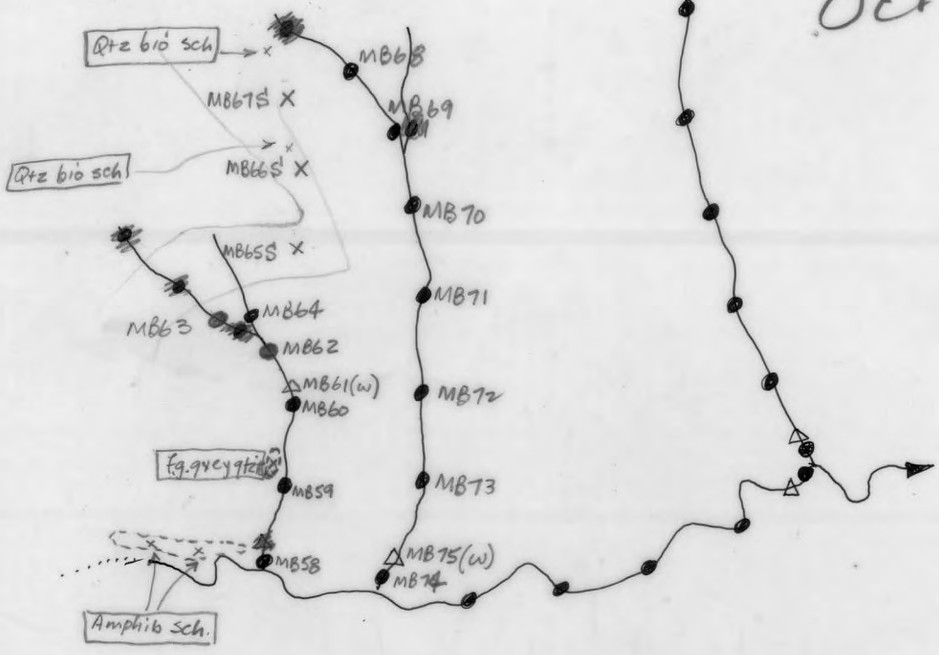


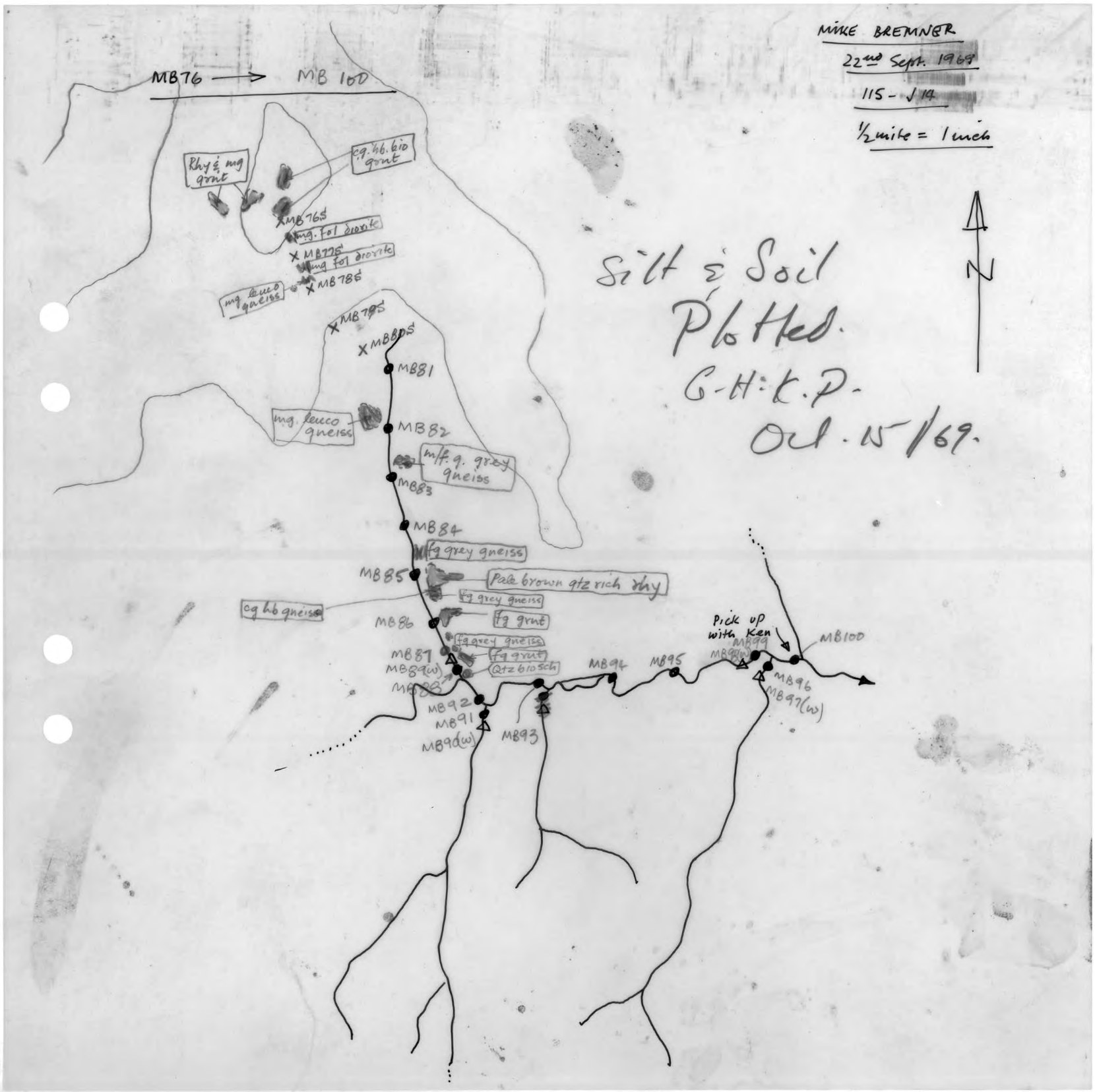
silt platted.
G.H.K.D.
Oct. 15/69.

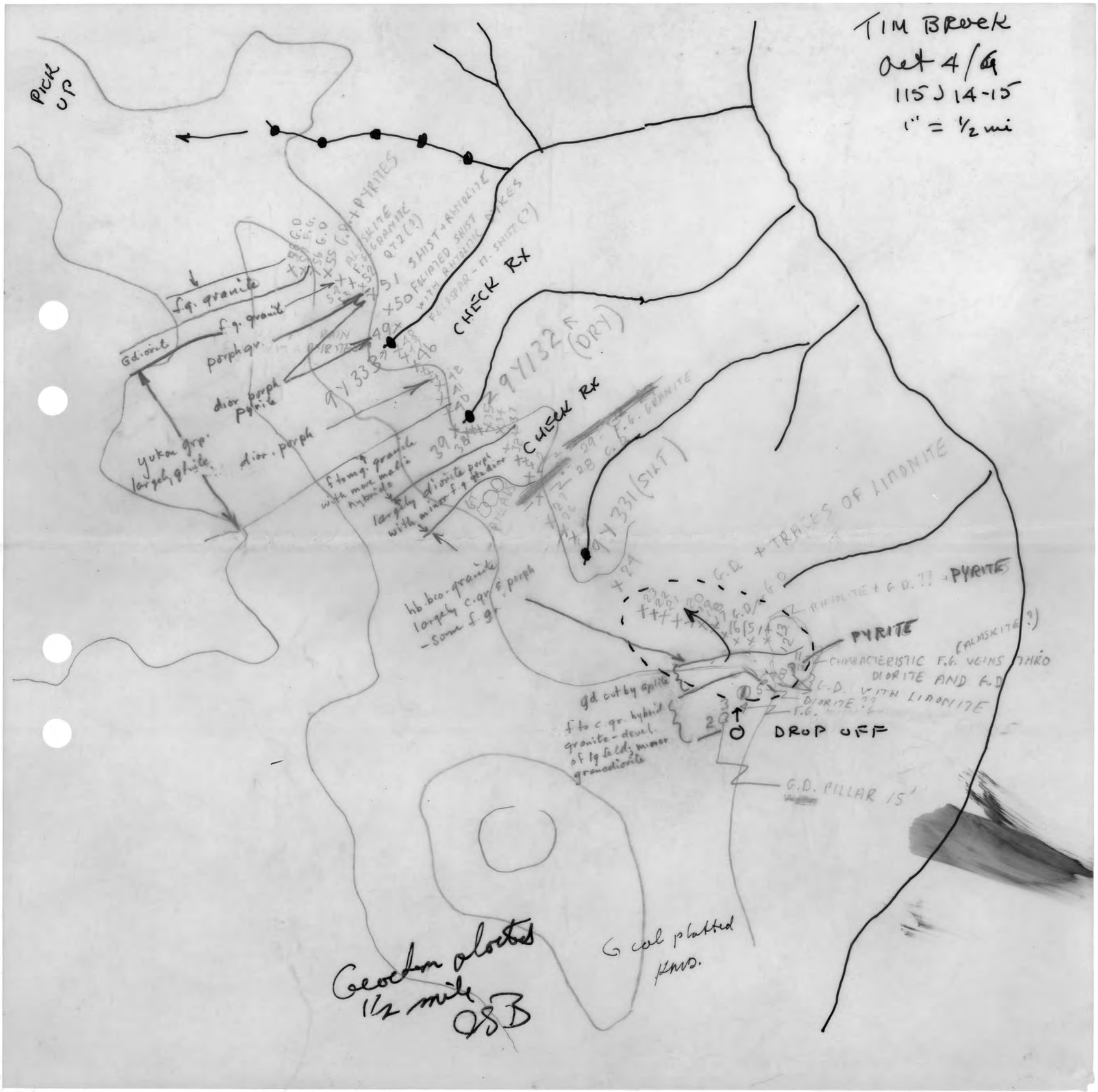
MB58 → 75 (ω)

Mike Brennan
115-J14
Sept 21st 1969
½ mile = 1 inch

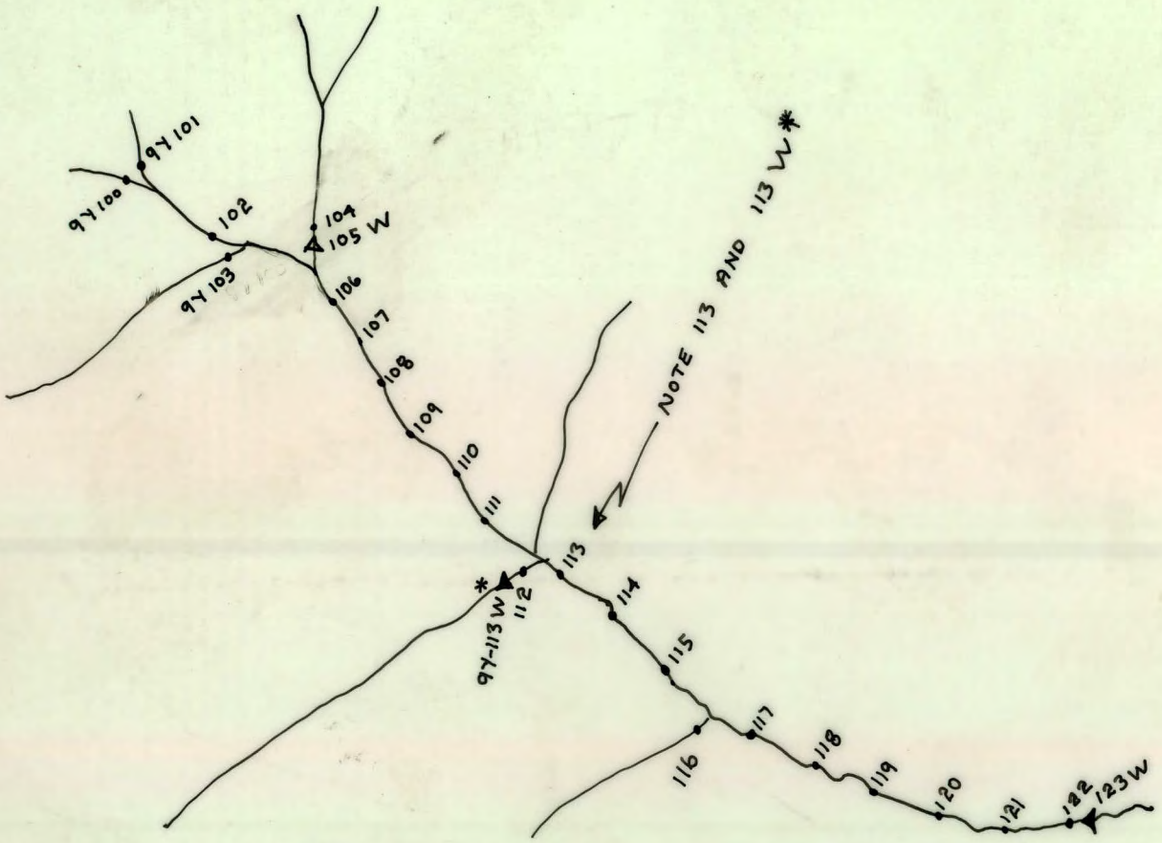
Silt & soil
Plotted.
C.H.K.P
Oct 15.




MIKE BREMNER
22nd Sept. 1969
115 - 14
½ mile = 1 inch
MB76 → MB 10D
Rhy & mg grnt
cg. hb. bio grnt
MB76
mg. fol diorite
MB77
mg fol diorite
mg leuco gneiss
MB78
MB79
MB80
MB81
mg. leuco gneiss
MB82
m/f. g. grey gneiss
MB83
MB84
fg grey gneiss
MB85
Pale brown qtz rich rhy
fg grey gneiss
cg hb gneiss
MB86
fg grnt
fg grey gneiss
MB87
fg grnt
MB89(w)
Qtz bio sch
MB88
MB92
MB91
MB90(w)
MB93
MB94
MB95
Pick up with Ken
MB99
MB99(w)
MB100
MB96
MB97(w)
Silt & Soil
Plotted.
G-H-K.P.
Oct. 15/69.
N


TIM BROCK
Oct 4/69
115 J 14-15
1" = ½ mi
PICK UP
CHECK RX
CHECK RX
f.g. granite
f.g. granite
porph qz
Gdiorite
dior porph pyrite
dior. porph
Yukon grp. largely gblite
f to m.g. granite with more mafic hybrids
largely diorite porph with minor f.g. gb dior
hb. bco-granite largely c.gr & porph - some f.gr
gd cut by aplite
f to c.gr hybrid granite - devel. of lg fd's, minor granodiorite
94Y331 (SILT)
94Y132F (DRY)
94Y338
G.D. + TRACES OF LIMONITE
PYRITE
PYRITE
CHARACTERISTIC F.G. VEINS THRO DIORITE AND G.D.
DIORITE ??
F.G.
DROP OFF
G.D. PILLAR 15'
Geochem plotted ½ mile
G coal plotted

97-100-123

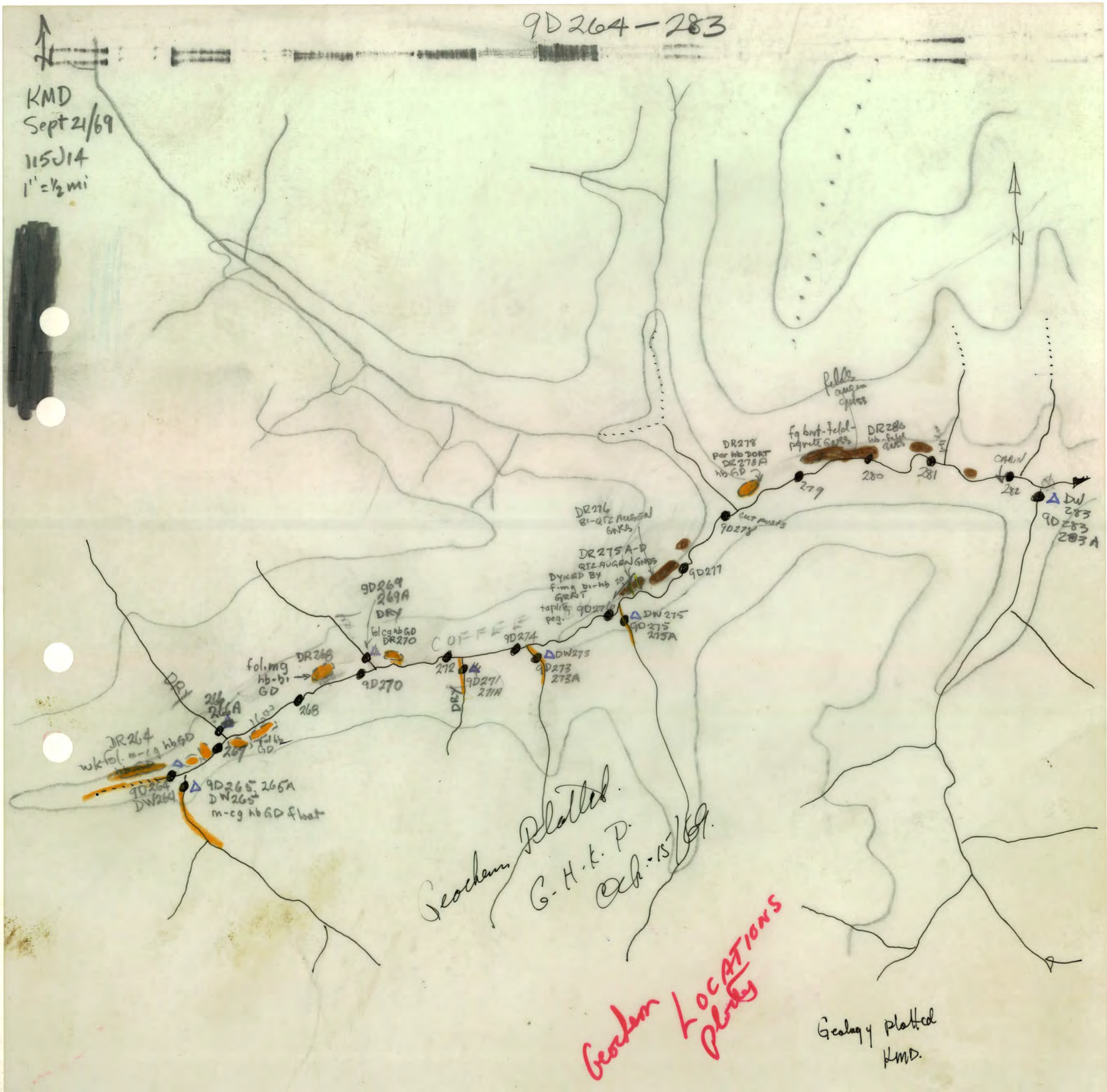


N

TIM BROCK
SEPT. 21, 1969
115 - 314
1" - 1/2 MILE

Plotted. Silts Oct. 15, 69.
G.H.K.D.


KEN DAWSON
22nd Sept. 1969
115 - J14
1/2 mile = 1 inch
QD 284 → 303A
cg bi GRNT
cg bi GRNT spines
cg bi GRNT alaskite
DR284
QD288
DW288
QD289, 289A
DW289
DR289
mg bi GRNT dyked by pink aplite
QD284
DW284
Drop off
aplite
285
286 DRY
287 DRY
DR287 mg bi GRNT dyked by white fg. granite with tourmaline or rutile as contaminant
DR290 mg GRNT
QD290
DR291 amphib. scst
grey foliated gneiss
QD291
QD292
DR293
DW293
QD293, 293A
QD294
294
DR292 amphibolite Gneiss
295
DR 295 mb. felsGneiss
Granite float
297
296, 296A
DW296
298
299
300
DR300 white feldsp gneiss
DR301 Granitl GNSS
MD SHD
301
fg gneiss DR 302
302
Pick up with strike
QD303
303A
DR303 biot-garnet gneiss.
2500
COFFEE CK.
QUIZ
YK GP QTZ
cg bi GRNT Spines
cg bi GRNT
cg biot GRNT
bi sch
Silt Plotted
C.H.K.P.
Oct. 15, 69.
Geol. to be plotted
Geol. plotted KMD.


9D264-283
KMD
Sept 21/69
115J14
1" = ½ mi
DR278 per hb DORT DR278A hb GD
fg brnt-felsd-pgmtte Gneiss
DR280 hb-felsd Gneiss
felsic aplitic Gneiss
DR276 Bi-Qtz Augen Gneiss
DR275A-D Qtz Augen Gneiss
Dykes By f-mg bi-hb GRNT tapirs peg.
9D264 269A DRY
fol cg hb GD DR270
fol mg hb-bi GD
DR268
COFFEE
DRY
JR264 wk fol. m-cg hb GD
9D264 DW264
9D265 265A DW265
m-cg hb GD float
Geochem Plotted. G.H.K.P. Oct-15/69.
Geochem Locations plotted
Geology plotted KMD.

DON FRANCIS

SNAG NTS SHEET

COFFEE CREEK

1" = 1/2 MILE (APPROX)

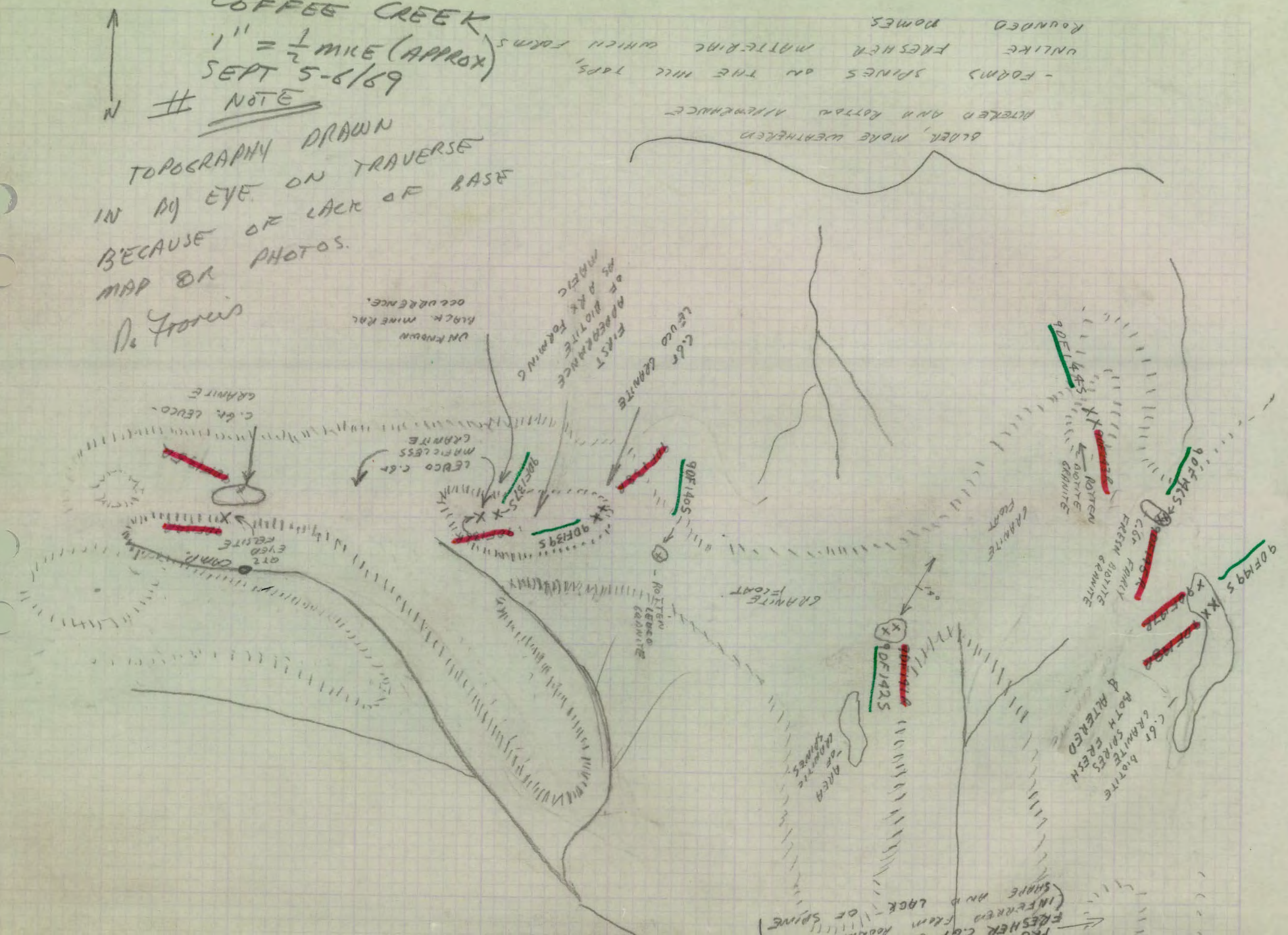
SEPT 5-6/69

N

NOTE

TOPOGRAPHY DRAWN IN BY EYE ON TRAVERSE BECAUSE OF LACK OF BASE MAP OR PHOTOS.

D. Jones



N

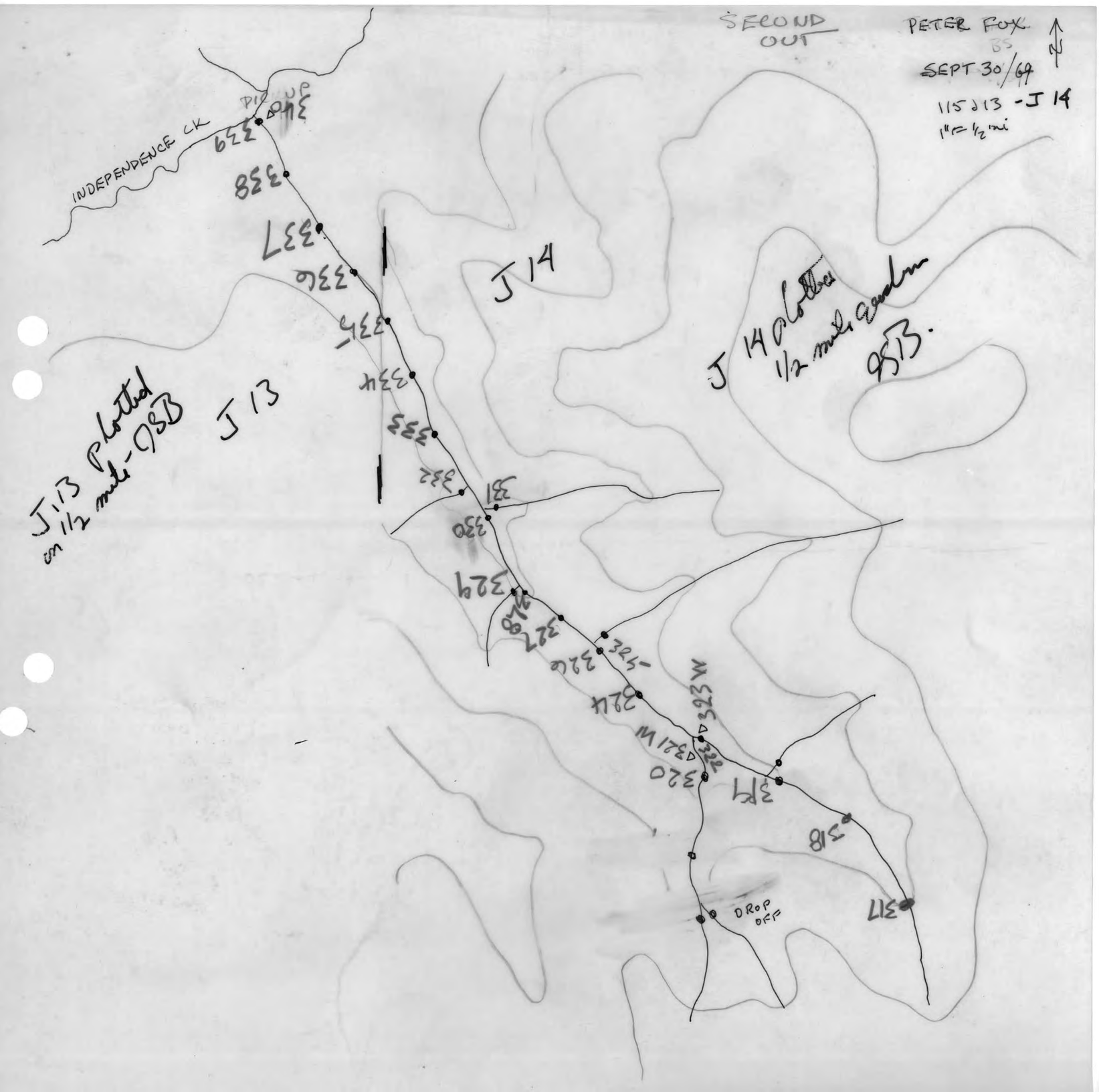
1" = ½ MILE

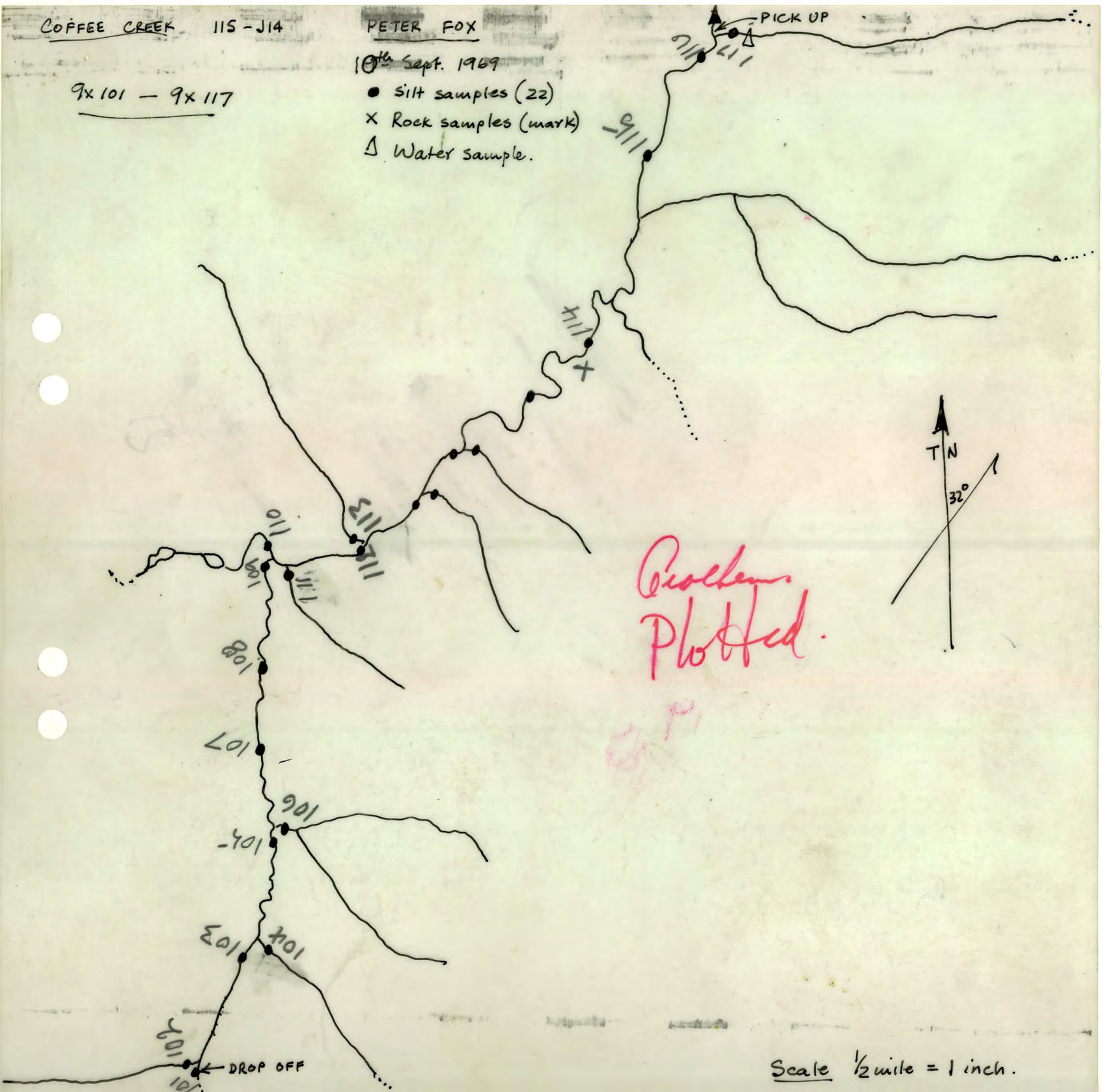
SNAG NTS SHEET

COFFEE CREEK CLAIM SHEET

DON FRANCIS

SEPT 5-6/69


SECOND OUT
PETER FOX
BS
SEPT 30/69
115 d 13 - J 14
1" = 1/2 mi
N
INDEPENDENCE CK
PICK UP
339
338
337
336
335
334
333
332
331
330
329
328
327
326
325
324
323
322
321
320
319
318
317
DROP OFF
J 14
J 14 plotted 1/2 mile grid 9SB.
J 13
J 13 plotted on 1/2 mile-9SB


COFFEE CREEK 115-J14
PETER FOX
10th Sept. 1969
● Silt samples (22)
× Rock samples (mark)
Δ Water sample.
9x101 — 9x117
PICK UP
DROP OFF
T N
32°
Rocks Plotted.
Scale ½ mile = 1 inch.

Sep 10/69

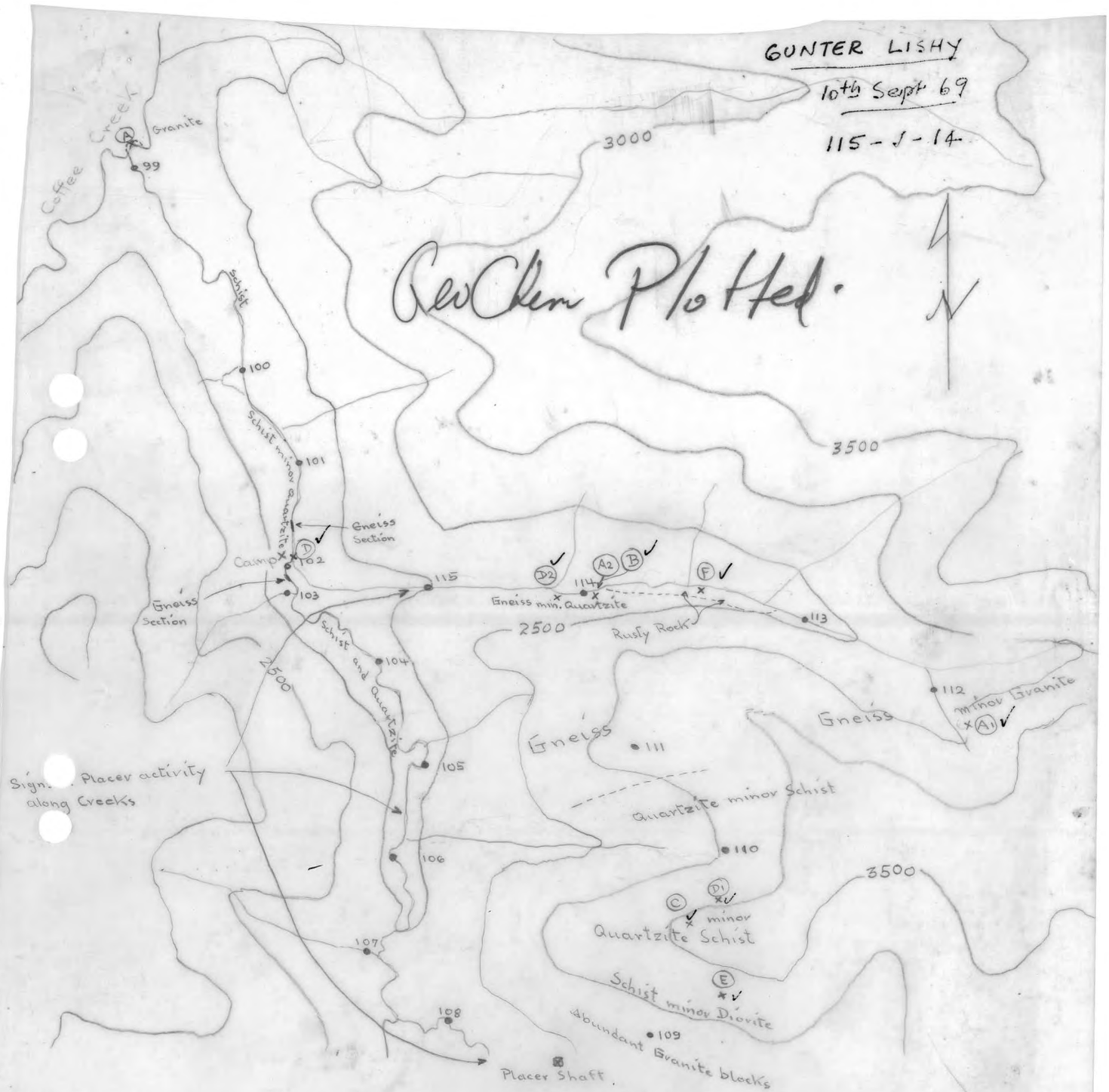
9X101 TIME 1105 SILT SAMP GRAY
9X102 TIME 1106 SILT SAMP GRAY
9X103 TIME 1139 SILT SAMP BROWN
9X104 TIME 1150 SILT SAMP BROWN
9X105 TIME 1210 SILT SAMP BROWN
9X106 TIME 1211 SILT SAMP GRAY
9X107 TIME 1225 SILT SAMP BROWN
9X108 TIME 1245 SILT SAMP GRAY
9X109 TIME 105 SILT SAMP GRAY
9X110 TIME 106 SILT SAMP GRAY
9X111 TIME 150 SILT SAMP BROWN
9X112 TIME 205 SILT SAMP GRAY
9X113 TEM 210 SILT SAMP BROWN

9X114 TIME 4045 SILT SAMP GRAY

9X115 TIME 4 35 SILT SAMP BROWN

9X116 TIME 4 45 SILT SAMP BROWN

9X117 TIME 4 55 SILT SAMP GRAY



No. 109-110-111 = Soil

G. Lishy

Small side creeks which are not sampled have no visible entrance at main creek

Most silts have bee taken above water level, midstream material coarse, Granitic

115-J-14

N

1" = ½ MILE

SAM McLEOD
SNAG NTS. SHEET
COFFE CREEK CLAIM MAP
1" = ½ MILE
SEPT 6/69

PLOTTED
9 ST
9/13/69

11513A

SEPT 5 1969 SAM McLEOD.

SNAG NTS SHEET

COFFEE CREEK CLAIM MAP

NO BASE MAP AVAILABLE.

PLOTTED 9-5-69 9/13/69

1" = ½ MILE

N

1" = 1000'

215

CREEK

214S

CREEK

213S

212S.

211

CREEK

210S

209S

208S

207S

206S

205S

204S

203S

202S

CREEK

201

200S

199S

198S

197S

196S

195S

194S

193S

192S

191S

190S

189S

ROCK

TOP OF HILL

CAMP

CREEK

X 9M216R.

COFFEE CREEK 115-J14 9M-(263-285)

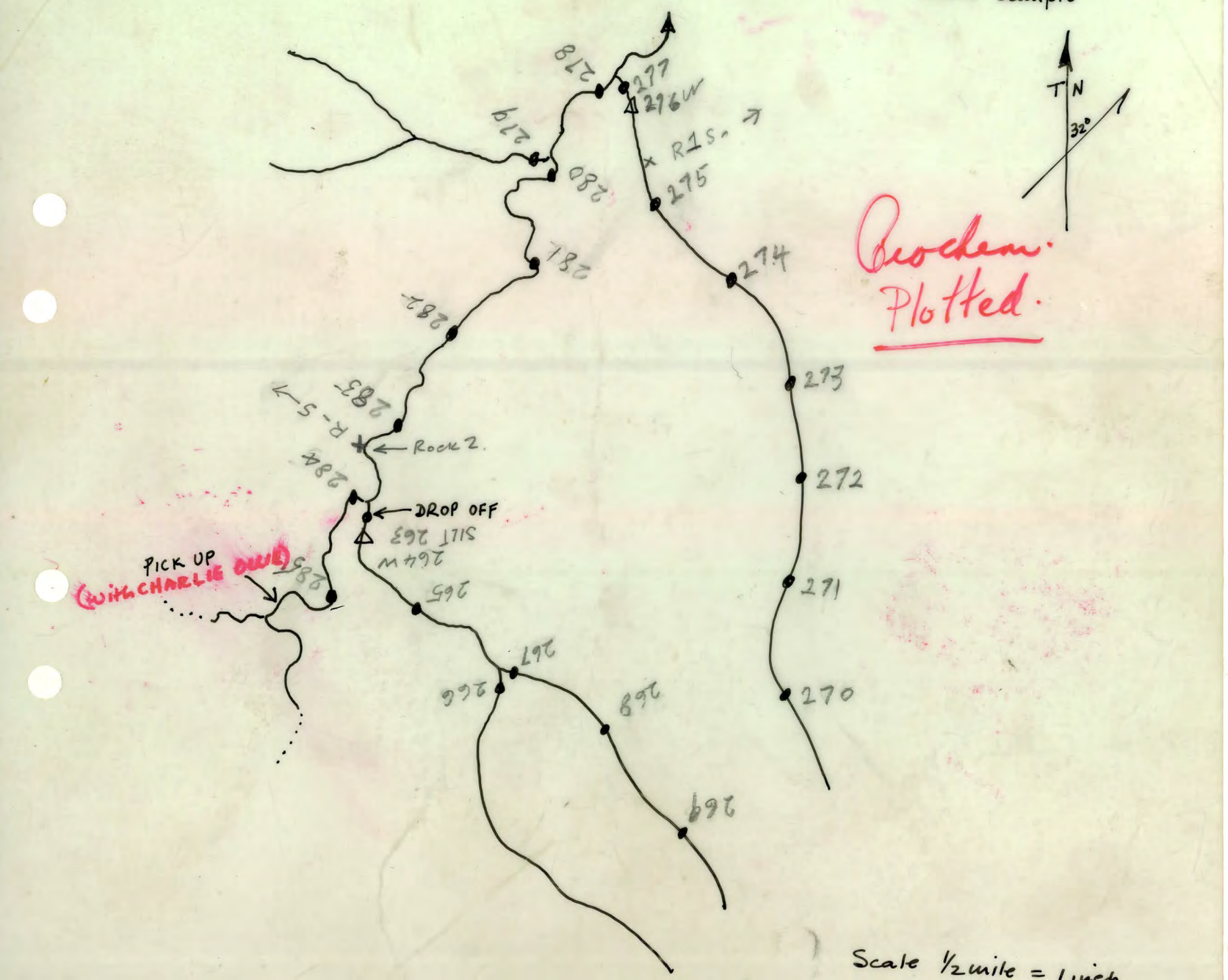
SAM McLEOD

10th Sept. 1969

● Silt sample (21)

X Rock sample (mark)

Δ Water sample

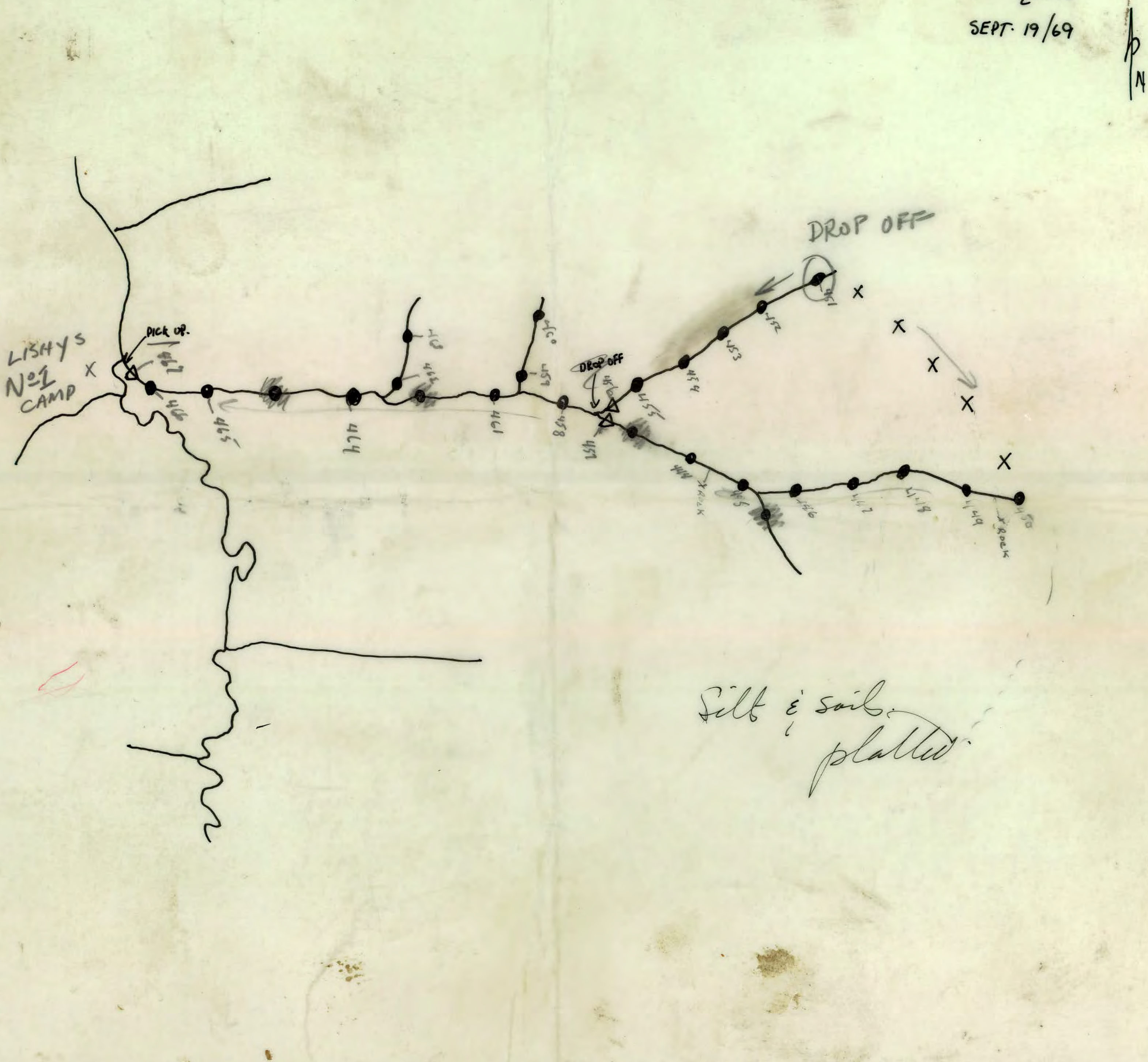


Geochem. Plotted.

Scale ½ mile = 1 inch

CO 444 → 450

C. OLLIE
115 J14
1" : ½ MILE
SEPT. 19/69



Silt & soil plotted

COFFEE CREEK 115 - J 14

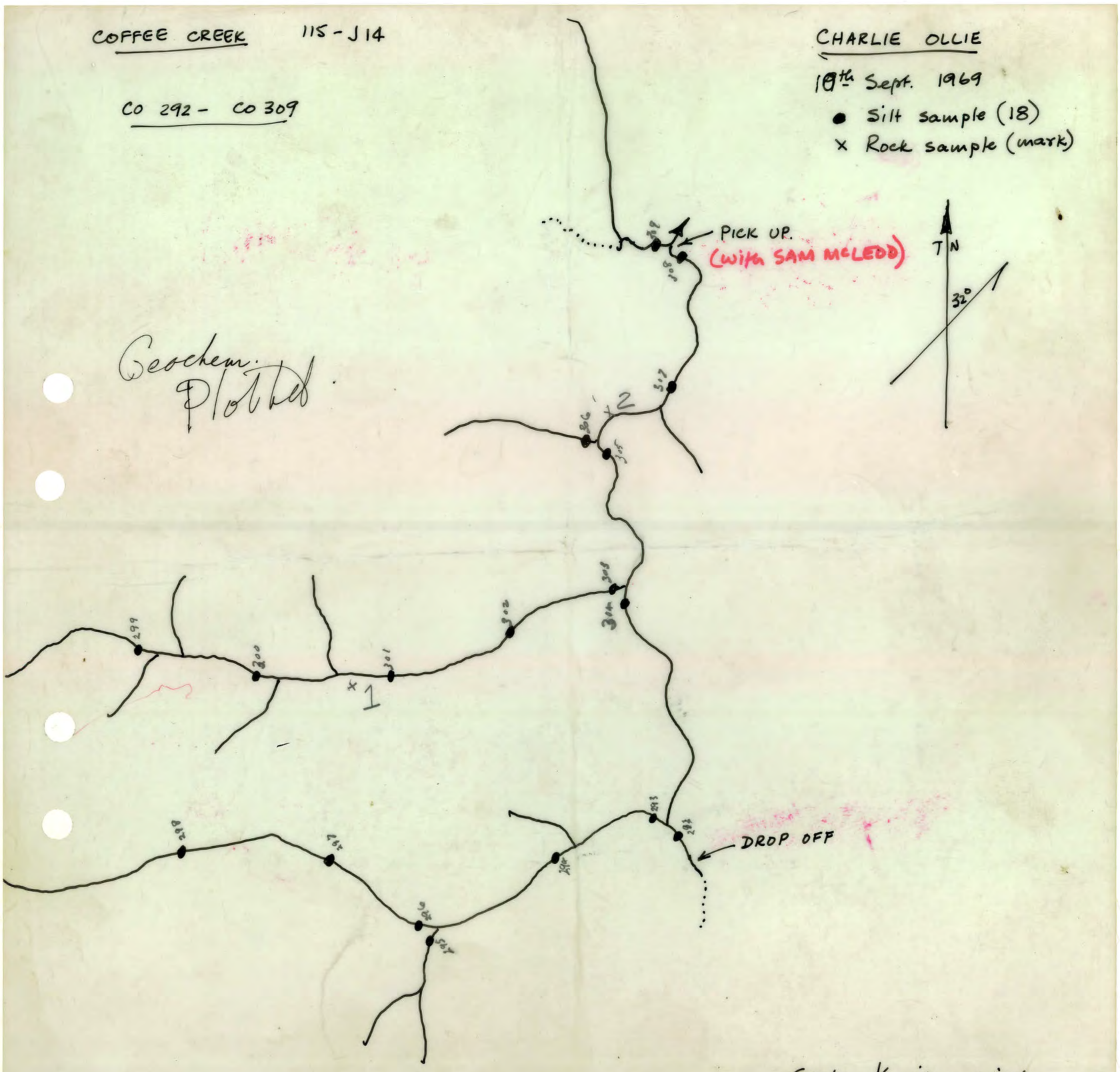
CO 292 - CO 309

CHARLIE OLLIE

19th Sept. 1969

● Silt sample (18)

× Rock sample (mark)



Scale ½ mile = 1 inch.

COFFEE CREEK 115-J14

No. SEQ - 9T - 1 to 9T 14

LEE TURNER

10th Sept. 1969.

24 ● Silt samples

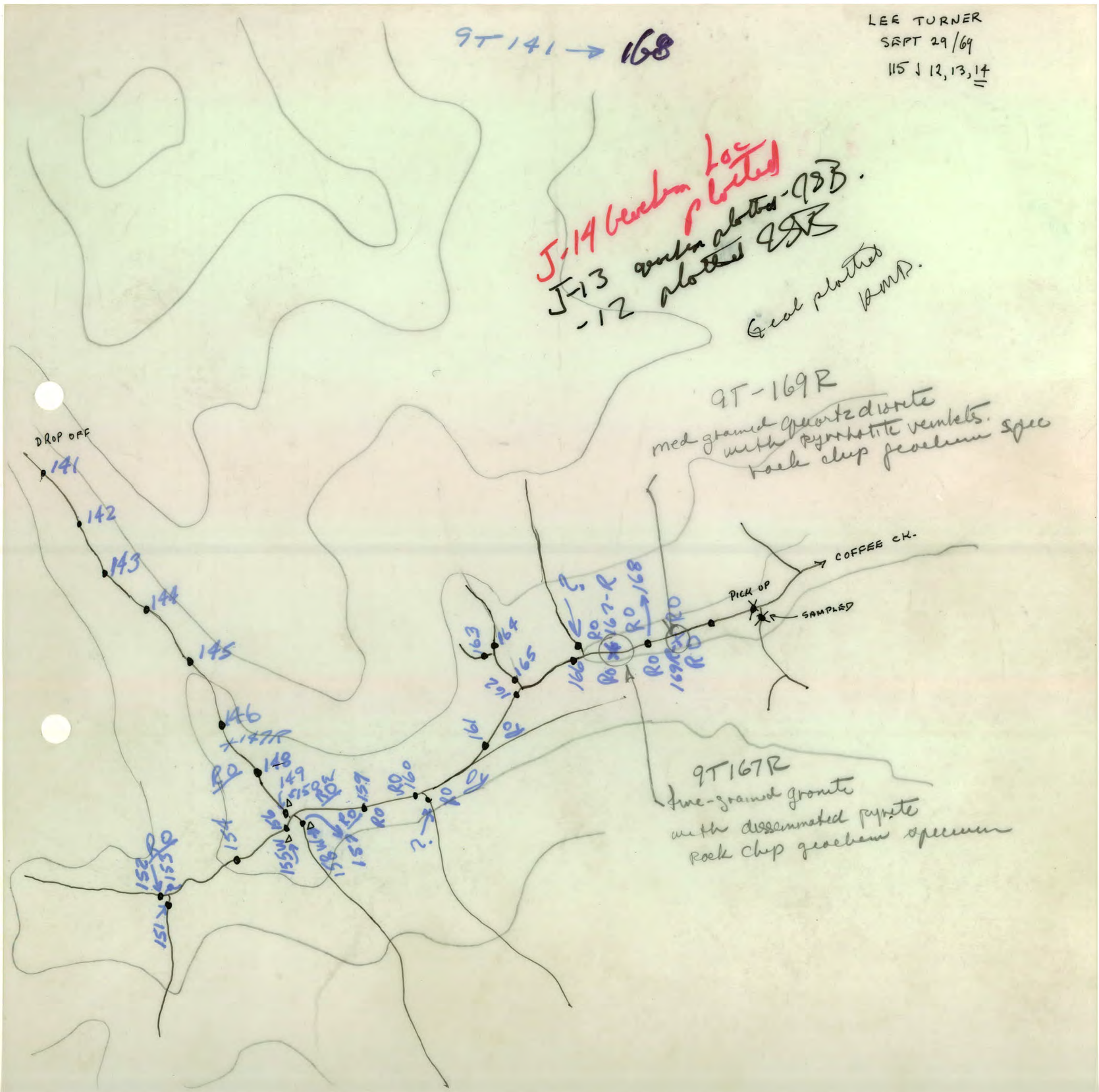
X Rock samples (mark)

2 △ water sample

Geochi Plotted.

This creek to be silt sampled by G. Lishy (no others) Main stream every half mile, every tributary.

Scale ½ mile = 1"


9T 141 → 168
LEE TURNER
SEPT 29/69
115 J 12, 13, 14
J-14 location plotted
J-13 samples plotted - 9BB.
-12 plotted 9SR
Geol plotted by MP.
9T-169R
med grained quartz diorite with pyrrhotite veinlets. Rock chip geochem spec
DROP OFF
141
142
143
144
145
146
147R
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167-R
168
169R
RO
PICK UP
SAMPLED
COFFEE CK.
9T167R
fine-grained granite with disseminated pyrite
Rock chip geochem specimen