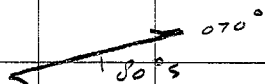




020506

Godwin  
Field Notes  
1969

AUG 28/69



- D9F43 S-RED BROWN SILT - 072 -

SERICITE SCHISTOSE GNEISS

YUKON GROUP.

- D9F44 S - RED-BROWN PEBBLY  
SILT

- D9F45S - AS ABOVE

- D9F46R - DARK GREY, F.61.

ABILLACIOUS HORNFELS ROCK

ORIGINALLY YUKON GROUP IN

PLACES FINELY MICACEOUS SMALL

POSSIBLY TRY THAT IT IS VOLCANIC

- D9F47S - REDDISH BROWN STONY  
SILT IN F.61 FELSITE AREA.

AUG 28/69

- 9DF50 - RED-BROWN EARTH  
FROM CRACK IN HORN FELS

OC.

- 9DF51R - SAMPLE OF HIGHLY  
ALTERED CONTACT SEDIMENTS  
Rx. SAME SPOT AS ABOVE.

- 9DF52R: HIGHLY ALTERED  
Rx. DEVELOPMENT OF SERICITE.

- 9DF53S - GREEN PEBBLY  
CLAY TAKEN IN HIGHLY  
ALTERED Rx.

AUG 30/69

COLD IN MORNING

-OC #1 - LARGE FELSEN

MERE AREA OF C. GT BIOTITE  
HORNBLende GRANITE TO  
GRANODIORITE IT PLACES SOME  
QTR VEINS CONTAIN MINOR  
MOLY SPECKS. 9DF55 R

- LARGE FELSEN MERE HILLSIDE  
AREA CONTINUES. RI VARIES  
FROM A FINE GRAINED ALASKITE  
TO A C. GRAINED GRANITE TO  
A C. GT. GRANODIORITE. COMPLEX-  
ITY IN COMPOSITION. LITTLE  
FRACTURING OR VEINING  
9DF56 R.

- FELDSPARS HAVE GREENISH  
TINT TO THEM

AUG 30/69

- 9DF57S - RED BROWN CLAYY

SILT HIGHLY CHLORITIZED

GRANITE FLOAT IN AREA

9DF58R.

= + 500' 9DF59S - RED BROWN

ROCKY SILT.

= + 1000' 9DF60S - REDDISH

BROWN CLAYY SILT

- + 1500' 9DF61S - REDDISH

BROWN CLAYY SILT.

- + 2000' 9DF62S - REDDISH

BROWN SANDY SILT.

- + 2500' 9DF63S - REDDISH

BROWN SANDY SILT. -

+ 3000' 9DF64S REDDISH

BROWN SILT. SAME SPOT

9DF65R BIOTITE HORNBLENDE

GRANITE C.G.T.

AUG 30/69

+ 3500' 9DF66S REDDISH

BROWN ORGANIC SILT.

+ 4000' 9DF67S REDDISH

BROWN ROCKY SILT.

F - C. CT. SAME WHAT

CHLORITIZED MD - NUBL GRANITIC

FLOAT.

+ 4500' 9DF68S - RED

ORGANIC SILT

+ 5000' 9DF69S - RED

BROWN SILT.

+ 5500' 9DF70S DARK

BROWN ORGANIC SILT. MUCH

FELSPHERS OF C. CT. BIO-

HAUL. GRANITE

+ 6200' 9DF71R M - C. CT.

BIOTITE HORNBLLENDE GRANITE

9DF72S - RED BROWN SILT

AUG 30/69

+ 7000' - RED BROWN (9DF 73 S)

SILT, CONTINUING - M. C. G.

GRANITE FELSENMETE.

+ 7500' - RED BROWN, SLIGHTLY

ORGANIC CLAYY SILT,

9DF 74 S

+ 8000' - REDBROWN CLAY

SILT. (9DF 75 S)

+ 8500' - (9DF 76 S) - WET

1. C BROWN SILT.

9DF 77 R - ALTERED

M. C. G. GRANITE TO GTC

MONZONITE. GREEN ALTERATION

TO FELDSPARS IN PLACES.

AUG 31 / 69

9DF90R - C. GR. BIOTITE

HORNBLENDE GRANITE, MAFICS

HIGHLY CHLORITIZED, FELDS HAVE

GREEN COLOURATION. ALTERATION

GIVES ROCK AN UNUSUALLY DARK

APPEARANCE.

9DF91S FINE RED-BROWN

SILT FROM SAME SPOT.

- 9DF92S + 500' FINE

RED SILT, FELSEN WERE

FLOAT OF HIGHLY CHLORITIZED

GRANITIC DARK RX

(9DF94R)

- 9DF93S + 1000' RT ON

TOP OF THE HILL AND

THE ANOMALY. FINE RED SILT.

AUG 31/69

9DF 958 - FINE RED SILT  
+ 1500' , DOWN WEST  
SIDE OF THE HILL.

- 9DF 962 - M. 61 , GREENISH  
CHLORINIZED Biotite GRANITE.  
MAFICS EXTENSIVELY CHLORITIZED.  
FELDS HAVE A GREENISH  
TINT. RESULTANT ROCK HAS  
A VERY DARK APPEARANCE.

- 9DF 97 - F-M-61 SAND  
FILM STREAM JUST BELOW  
NEGATIVE MAG ANOMALY

AUG 30/69

- 9 DF 785 - FROZEN

BROWN SILT WITH ORGANICS.

+ 500' 9 DF 795 - FROZEN

ORGANIC SILT.

+ 1000' 9 DF 805 - BROWN

SILT, ORGANIC, FROZEN.

9 DF 81R - BIOTITE,

HORNBLENDE SLIGHTLY ALTERED

BROWNISH WHITE GRANITE.

(9 DF 81R)

+ 1500' 9 DF 825 FINE

RED SILT. EXTENSIVE AREA

OF BIOTITE-HORNBLENDE GRANITE

HILLSIDE FELSEN MERE

+ 2000' 9 DF 835 LT REDDISH

BROWN SILT.

- AT EDGE OF CREEK A BROWN  
SILTY-SANDY MATERIAL. 9 DF 86

AUG 30/69.

- SAME PLACE 90F 85R,  
SAMPLE OF C. 61 GRANITE  
AS BEFORE. FOOT OF  
TALUS SLOPE.

AUG 31 / 69

V. CLOUDY

- 9DF87R - M.G. PINK

HORN BLENDE GRANITE, LITTLE  
TO NO BIOTITE, HOAN BLENDE  
OCCURS AS THIN RODS NOT  
THICK TABULAR AS WAS THE  
CASE BEFORE. VERY FRESH  
IN APPEARANCE

- 9DF88R - F.G. PINKISH

WHITE HORN BLENDE GRANITE.  
FINER GRAINED EQUIVALENT OF  
9DF87R.

- 9DF89S FINE RED BROWN

SILT TAKEN IN THIS FEEZEN-  
MERE AREA.

SEPT 2 / 69

RAIN

- 9DF99 R - SLIGHTLY BLEACHED  
APPEARING WHITE HORNBLENDED  
GRANITE WITH SECONDARY  
BIOTITE. MAFICS ARE  
CHLORITIZED M-C. BT.

9DF100: ROCKY LT  
BT SILT.

- ON STREAM

- 9DF101S - SANDY BROWN  
SILT

- 9DF102 - BROWN F. BT  
SAND

- 9DF103 - S - SLIGHTLY  
ORGANIC SANDY  
BROWN SILT

SEPT 2 / 69

+  $\frac{1}{4}$  MILE :

90F104S - LT BT SILT

90F105 - F.GT. BT SAND

90F106S - LT BT SILT.

+  $\frac{1}{2}$  MILE :

90F107S - LT BT SILT

90F108 - M.GT SAND

90F109S - DARK BT COHESIVE  
SILT.

+  $\frac{3}{4}$  MILE :

90F110S - LT BT ORGANIC  
SILT MATERIAL

90F111 - M.GT SAND

90F112 - D. BT ORGANIC  
SILTY MATERIAL.

SEPT 2/69

+ 1 MILE :

9DF 113S F.G. LT BF.

SILTY SAND

9DF 114 M.G. SAND

9DF 115S D. BF. COHESIVE

SILT

- 9DF 116R - V. C. G. BIOTITE

HORN BLEND WHITE GRANITE

- ATP - 9DF 117S - FINE

REDDISH BF. SILT, MANY

SMALL ANGULAR RX

FRAGMENTS OF A SPOTTED

FELSITE 9DF 118R.

SEPT 2/69

9DF 119R

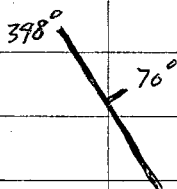
9DF 119AR - V.F.G.T. SLIGHTLY

PORPHORITIC PINKISH GREY FELSITE

FOUND, FORMING CONSIDERABLE

SIZED DYKES CUTTING THE

C.G.T. GRANITE



- ROCK CONTAINS TO 5% DISSEM-

INATED 1-2 MM K FIELDS

PHENOS AND A FEW MINOR

CHLORITIZED SPECKS

9DF 1205 RED G.T.

FINE SILT TAKEN A.T.P.

9DF 121R - C.G.T. Bio-Hb,

CHLORITIZED GRANITE, SLP.

SEPT 2 / 69

LESS Q72, NOTICIBLE  
CHLORITIZATION OF MAFICS

9DF 122 R. C. BT B. D. H. b  
GRANITE SLP, LOSS OF  
CHLORITIZATION, MUCH IN-  
CREASE IN Q72

- ATP 9DF 123 S FINE  
RED BT. S. LT.

SEPT 13 / 1969

- 9DF1245 - FINE RED BR SILT  
FROM HILL TOP

- 9DF1255 - DARK BR CLAYY  
SILT FROM STREAM.

- 9DF1265 - SAME AS ABOVE

- 9DF1275 - RED-BR. FINE  
SILT.

- ATP 9DF128R - V.F.G.  
LT PINKISH GREY RHYOLITIC  
COMP FEL SITE (FLOAT)

SEPT 5 / 69

FOGGY  
COLD.

- 9DF 139 - QZ EYED

APHANITIC, LT BT GREY

RHYOLITIC FELSITE, AS

FLOAT ON SIDE OF HILL

- 9DF 135 - SLP C. GT

LEUCO GRANITE ALMOST COMPLETELY DEVOID OF MAFICS. QZ

CONTENT VARIES FROM 90 -

TO ABOUT 5% WHERE RX

RESSEMBLES A SYENITE. A

FEW SPECIMENS CONTAIN

LIMONITE PSEUDOMORPHOUS

AFTER DISSEMINATED BY CUBES.

- AS PROGRESSE EASTWARDS

RX MUCH SAME, MANY OF

SEPT 5/69

SPECIMENS FELDS HAVE A GREENISH  
YELLOW ALTERATION COLOUR, THOUGH  
STILL INTACT. ONE OR TWO  
SPECIMENS HAVE MUCH MIN  
STAIN, ESPECIALLY WITHIN  $\frac{1}{2}$ "  
OF THE WEATHERING SURFACE.

- 90F136 - ATP RX

BASICALLY THE SAME, LEUCO  
CRATIC MAFIC LESS C.G. GRANITE  
KAOINIZATION, GIVING ROCK  
A LT GREENISH-YELLOWISH WHITE  
APPEARANCE HAS PROCEEDED  
TO A GREATER EXTENT, BUT  
FELDS STILL SOLID. SOME  
SPECIMENS CONTAIN A FEW  
SCATTERED GRAINS OF A  
BLACK MINERAL, NON METALLIC

SEPT 5/69

LUSTRE, AND AT LEAST ONE  
GOOD CLEARANCE OFTEN  
HAS REDDISH ALTERATION AROUND  
IT. ?

9DF1375 - RED SILTY SOIL  
FROM BESIDE PRECEDING OC.

- FOR NEXT  $\frac{1}{4}$ - $\frac{1}{2}$  MILE RX GAINS  
TO 5% PLOTITE AS MAFICS, BUT  
THIS IS A GRADUAL PROCESS, BASICALLY  
THE SAME ROCK. NUMEROUS LITTLE  
REDDISH STAINS, PROBABLY HEMATITE

9DF138R

9DF139S. - FINE RED BT.  
STONY SILT.

9DF140S - RED STONY BT  
SILT TAKEN BESIDE OC OF

SEPT 5/69

C.G.F. ALTERED LEUCO GRANITE

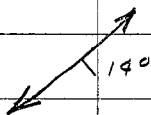
- SLP CONSIDERABLY LESS QTR,  
DOWN TO 10%

- 9DF191R - ROTTON, C.G.F.

THICKLY LAMINATED BIOTITE  
GRANITE, MUCH AS BEFORE  
EXCEPT TO 10% BIO IN  
PLACES AND MUCH OLDER  
APPEARANCE

9DF192 S RED STONY

SILT AT OUTCROP SITE.



- LAYERING PRODUCED  
BY WEATHERING.

SEPT 5/69

9DF193 R - ROTTEN CGR

BIOTITE GRANITE AT HILL  
TOP

- 9DF144S PEBBLY SILTY

REDISH BROWN MATERIAL

- 15-20' BAND OF QTR

EYED HIGHLY CHLORITIZED ROCK.

? DIKE OR ALTERED ZONE

9DF 195R

- 9DF 196S - RED-BROWN

PEBBLY SILT.

SEPT 5/69

-9DF147R - RELATIVELY

FRESH C.G. BIOTITE GRANITE

WITH HIGH QZ% AGE.

-9DF148R - QUITE ALTERED

ROTTEN AND MN STAINED Bio

C.G. GRANITE FROM A TALL

SPIRE.

-9DF149R - PEBBLY RED BROWN

SILT NEAR GRANITE SPIRE.

AUG 6/69

SUNNY AT LAST

- 90F 150R - HIGHLY SILICIOUS

QTZ EYED LT BRN GRAYS

WHITE FELSITE. IN PLACES

TO 1CM QTZ GRANUS FORM

60+ % OF THE ROCK

LIMONITE FILLED CAVITIES

PSEUDOMORPHOUS AFTER MINUTE

MYRITE CUBES ARE COMMON.

Rock AS FLOAT ONLY

- 90F 151R U. C. 6F

LEUCO BIO GRANITE, VERY

RICH IN QTR. IN PLACES

QUITE ROTTEN, FORMS RIDGE

TO WITH DISTINCT TOP

BOUNDARY SLP.

- 90F 152S - RED BT. STONY  
SILT. AT P.

9DF 153R - SIDE AND PARTS  
OF TOP OF HILL, LEUCO,  
MAFIC LESS X.C. BT GRANITE  
QUITE FRESH IN APPEARANCES

9DF 154R - ON TOP OF  
HILL, MUCH OF FLOAT IS  
NEAR SYENITE IN COMPOSITION,  
LITTLE QZ, BUT STILL C. BT  
AND MAFIC LESS. MORE WEATHER-  
ED THAN BEFORE BUT NOT  
ROTTEN. MUCH MIN STAIN  
IN PLACES

9DF 155 S STONY RED-BT  
SILT. A.T.P.

9DF156R SLP CONTINUING

IN LEUCO - MAFIC LESS C. BT

GRANITE, A LITTLE LESS

FRESH AT THE WEST END

OF THE RIDGE.

9DF157R RED BROWN

STONEY SILT AT THIS POINT.

- 9DF158R - FAIRLY WEATHERED

AND ROTTON C. BT BIO - GRANITE

CHARACTERIZED BY GRANITIC SPINES

- 9DF159S RED BR. STONY

SILT TAKEN A.T.P.

- 9DF160S RED BR. STONY

SILT TAKEN NEAR SUPPOSED

CONTACT

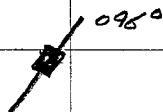
- 90F161R - C.G. WEATHERED

BIG GRANITE, MUCH AS  
BEFORE

- 90F162S - RED BROWN  
STONY-SILTY MATERIAL AT P.

- 90F164R - FLOAT  
INDICATES A 50' (APPROX)  
APLITE DYKE - 90F163S AT P.

RED BROWN STONY SILT



\* NOTE NEAR DYKE, C.G.  
GRANITE IN FLOAT FORM HAS

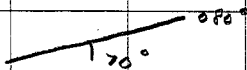
NO BIOTITE AND EXACTLY  
RESEMBLES MAFIC LESS UNIT.  
HOWEVER THERE ARE SMALL  
GRANITIC SPINES HERE WHICH  
ARE DEFINITELY BIOTITE GRANITE  
& QUITE WEATHERED.

- 9DF165 R K SAME AS  
IN 9DF164R APLITE DYKE  
50' IN WIDTH

- 9DF166S - RED BT STONY  
SILT ATP

- 9DF167 R - C. BT WEATHERED  
BUT NOT ROTTEN BIO - GRANITIC  
SPINES WITH 1' F 60  
GRANITE DYKES (9DF168R)

CUTTING IT



9 DF 169 S

RED BT

STONY SILT

WEDS AUG 27/69 COLD

START : 120° FROM  
BASE CAMP AT HEAD  
OF INDEPENDENCE CREEK  
TRIBUTARY

- 1500' FROM CAMP 9F1S  
FROZEN SILTY CLAY.

- 2000' 9F2S FROZEN CLAY.  
SILT ORGANICS PRESENT

- 2500' 9F3S SILTY C.  
GRAINED ARKOSIC SAND.

- 3000' 9F4S CLAYY SILT.

- 3500' 9F5S SANDY SILT

- C.G.F., BANDED DIOPTITE  
HORNBLENDE GRANODIORITE.  
BANDING CAUSED BY ORIENTA-  
TION OF SLIGHTLY ALTERED  
HORNBLENDE CRYSTALS.

AUG 27/69

- COARSE CHANGE TO 92°

- 4000 (9F6S) ORGANIC CLAYY

SILT

- 4500 (9F7S) FROZEN CLAYY

SILTY SAND

- 6000' - BETWEEN 9500'

AND HERE, FELSEN MERE  
OF C.G.T., BANDED, BIOTITE  
HORNBLENDE GRANODIORITE.

9F8R.

- COARSE CHANGE TO 67°

- BETWEEN CHANGE OF COARSE

AND TERNARY. MUCH FELSEN

MERE OF FINELY LAMINATED

F.M.G.T. QTZITE TO BIOTITE - "

QTZ GNEISS, YUKON GROUP

9F9R 9F9OR.

AUG 27/69

- 9F11 - SILT FROM  
STREAM BANK OF TRIBUTARY

- 9F12W - WATER FROM  
TRIBUTARY

- RKS IN TRI ARE MIXED

- YUKON GROUP SCHISTS & GNEISSES  
AND C. G. BIOTITE - HORNBLENDE  
GRANODIORITE.

OC#1

500' DOWN FROM SAMPLE  
SERICITE

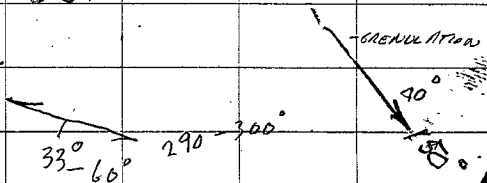
IS PL OF CHLORITE BIOTITE

QTZ GNEISS, SCHISTOSE BUT  
WITH MINERALOGICAL BANDING.

9F13R

9F14S - STREAM BANK SOIL.

- 6000' QTZ WEINING AND DISSEM-  
INATED PY.



Aug 27/69

9F15s SANDY SILTY  
STREAM BANK SAMPLE  
APPROX 1000' DOWN  
FROM O.C.

9F15b - SILT FROM DRIED  
SMALL CREEK (6" ACROSS)

9F16 - C.G.T. ARKOSIC SAND  
ON TRIBUTARY / MAIN OF  
INDEPENDENCE CREEK

9F17 - D. BROWN SILT FROM  
EDGE OF STREAM, NOT ACTIVE.

-9F18 - WATER, SAME SPOT  
AS 9F17

-9F19 - C.G.T. ARKOSIC SAND  
FROM MAIN STREAM

-9F21 C.G.T. SILTY ARKOSIC SAND  
NON ACTIVE, AT EDGE OF STREAM.

Aug 27/69.

9F20W - WATER SAME

PLACE AS 9F19B & 9F21

- 9F22R - SC 900' ABOVE

9F20-21-19, OF C.61

BANDED ANORTITE - HORNBLENDE

GRANODIORITE.

THURS AUG 28/69 COLD

- HEADING. 280°

- 500' - D9F 23 S - SILT

C. GF GRANODIORITE FLOAT

- 1000' - SILTY SAND D9F 24 S

- 1500' - D9F 25 S - RED

PEBBLY SILT. C. GF BIOTITE  
GRANODIORITE FLOAT

- 2000' D9F 26 S DARK BROWN

SILT. C. GF. GRANODIORITE

FELSEN HERE CONTINUES.

- 2500' D9F 27 S DARK BROWN

ORGANIC SILT.

- 3000' D9F 28 S DARK BROWN

CLAYY SILT. SOME ORGANICS.

- 3500' D9F 29 S STONY

BROWN SILT.

AUG. 28/69

- 4000' RED BROWN SLIGHTLY  
ORGANIC SILT D9F 30 S.
- 4500' REDDISH DARK BR  
SILT D9F 31 S.
- 5000' DARK REDDISH BR  
SILT D9F 32 S.
- 6000' - LIGHT YELLOWISH  
RED BROWN SILT WITH  
LT PINKISH GREY LAMINATED  
RHVOCITIC R. FRAGMENTS IN  
IT. D9F 33 S  
D9F 34 R.
- 6500' - REDDISH BR. STONY  
SILT BANDED FELSITE  
D9F 35 S.
- 7000' RED-BR. CLAY-SILT  
D9F 36 S.

AUG 28/69

- 7500' 09F 375 RED

BT. SILT. TOP OF

RIDGE IS 200' AHEAD

- 8500' ON VERY TOP

OF RIDGE 09F 385.

- 09F 39R - SAMPLE OF

LT BLEACHED YELLOW WHITE

V.F. Gt. SLIGHTLY PORPHORITIC

FELSITE, EQUIVALENT OF

RHYOLITE PORPHYRY

- 09F 40R - SAMPLE OF

HIGHLY ALTERED SPIRE OF

CABROIC C. Gt. RX

- 09F 41R - RX SAMPLE

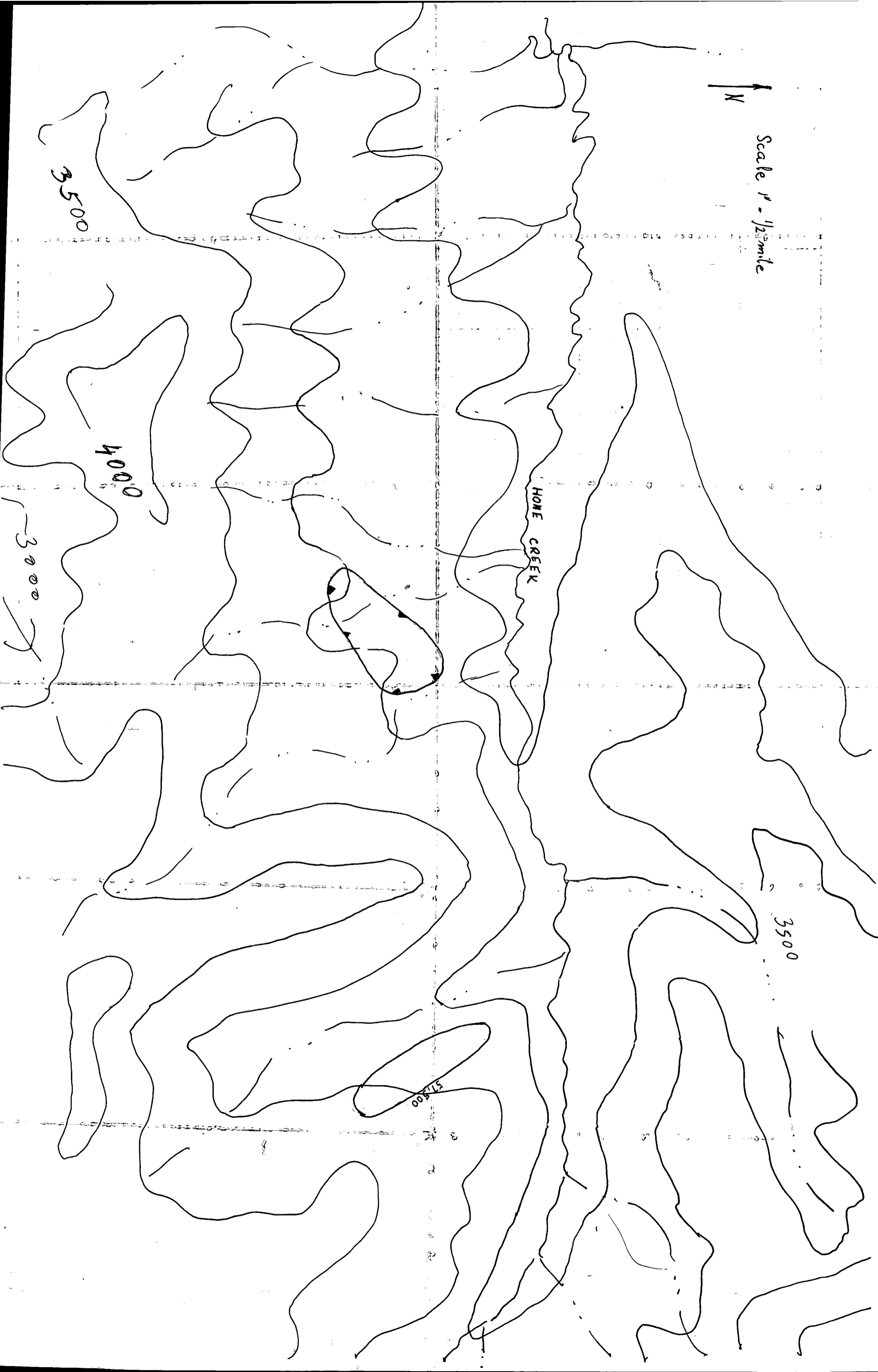
OF YUKON GROUP PHYLLITIC

SLATE.

- 09F 425 - SOIL IN ABOVE

- RED BROWN OR SANDY SILT

↑ N  
Scale 1" = 1/2 mile



Tue 26-8-69

91

C. G. Brown

SNAG 115 J13

Samples:

From near Camp 26-8-69

9G 777W

9G 778A<sub>B</sub>

9G 779S

9G 780W

9G 781A<sub>B</sub>

9G 782X

9G 783A<sub>B</sub>

} R+ Fork

} Plotted on map.

} Middle Fork

} Left Fork

Rebeanic acid strip tests of

Right, middle, & left forks are NEG.

WED. 27. 8. 69 Trawl from camp  
up Left Fork.

JCN + 1/4 mi = 9G 784

Sus. o.c. on R. Side

~~Amphibolite~~ Melanocratic

m. gr. bi, hb, granodiorite with  
irregular dark bands. <sup>Some of the</sup> saccharoidal

Spec 9G 911 A ✓

JCN + .4 mi = 9G 785S

Sus. gd. but also  
rhyolite block 4' φ. SLP

var. of granite but mainly sus gd.

JCN + .5 mi.

L. Side X talus of sos gd,  
only generally epidotized esp.  
along small frs of sur. hb grains.

Soil 9C786 S'

Ch silt 9C787

9C788 S = JCN + .59 mi.

= L. Side gully.

JCN + .63 mi. R.S.

SUP sos epid. gd

ATP ex. ~~ex~~ flint of dense  
hyalites with distinct flow  
banding

JCN + .65 mi sos epid gd. R.S.

(not all epid) Spec 9C913 ✓

Hb phenocr. to 1/2" long

JCN + .70 mi. = R.S. = hyalite blocks

JCN + .78 mi = R.S. = sos epid

gd only sl. foliated & more  
biotite. 9C788 S' base of slope

9C790 silt

JCN + .94 mi R.S. 92

sos foliated gd. v. sl. epid.

JCN + .98 mi R.S. sos fol gd no ep.

JCN + 1.02 mi = 99791 <sup>set</sup> main ch.

99792-5' = R. side soil.

Ex o.c. fol. gd no epid 50' x 3' 1/2' <sup>SPC</sup> 99792A ✓

99793-5' = R. side soil

Float epid gd.

JCN + 1.05 (R.S.) rhy (mass)

JCN + 1.08 (R.S.) sos epid gd

JCN + 1.16 mi. change in gr (R.S.)

type ATP : M. gr. ~~QDA?~~

locally greenish and pink

fsp grains

9972B ✓

JCN + 1.23 sos gran. (R.S.)

JCN + 1.25 R.S. ch. to side 99794

Main ch 99795

R. side tint, dry. 99796 ATP

sos ~~QDA?~~ float.

JCN + 1.30 (L.S.) sos ~~QDA?~~ float.

JCN + 1.34 (L.S. bank) Ex o.c.

banded white ch. to 50' exp.

Sub-o.c. <sup>upper</sup> side of 50' cliff  
 exposure of sos: 9G797  
JCN + 1.46 mi (L.S.) sos float  
JCN + 1.49 mi (L.S.)  
JCN + 1.52 mi

L. Side 9G797 5' sos float  
 main ch. 9G798 main ch  
 R. Side 9G799 5' bk in slope

JCN + 1.66 mi R.S. 1' w tril  
9G800 silt. 1/2' float

800 + 1.80 mi ~~float~~  
9G801 5' top bk in slope (R.S.)  
 float chertite  
9G802 5' bottom bk in slope (R.S.)  
9G803 silt main ch  
9G804 5' sid on L. Side  
 chertite float

JCN + 1.86 mi (L.S.) sos float  
JCN + 1.80 mi (L.S.) ———→  
JCN + 1.85 mi (L.S.) ———→  
JCN + 1.90 mi = rocks

W } 9G805 W  
 R } 9G806 A B silt 1' w. float mainly

QC 907 W - water sample

QC 908 A B: sandy silt

Fork + 100 mi = 505 QAM (L.S.)

only possibly coarse grained.

Spec QC P 93A ✓

31

Fork + 20 mi = 505 QAM L.S.

Fork + 24 mi R.S. drainage  
QC 909 sandy silt

Fork + 25 mi

QC 910 main ch

QC 911 S = L.S. side gully

2 bins of alder Rhyolite float

Fork + 40 = 505 QAM float

Fork + 50 = main ch silt QC 912

Fork + 52 505 QAM

Fork + 75 = QC 913

Fork + 84 L.S. Ex QAM (505) float.

Fork + .98 min = Upper Fork

R. Fork 9C814 W

2' w 9C815<sup>A</sup> B sandy silt

Abundant y.c. float, minor

~~DM~~

L. Fork 9C816 W

9C817<sup>A</sup> B sandy silt

float: 50% y.c.

30% ~~DM~~

20% siltstone

End of ch. trans.

FORK + .1 min sos ~~DM~~

FORK + .23 min

SUP contains sos ~~DM~~ float

ATP gully: 9C818

FORK + .50 min SUP of ATP

sos. gran. BTP no one

Fork + .62 min ATP sos ~~DM~~

n. .83

3.34

Fork + 1.67 mi SLP ~~ATA~~ 94  
abundant - relics of m. gneiss  
histite ~~ATA~~?

3.56 = = Contact.

Fork + 1.78 mi SLP is o.c.  
ATP m. gneiss, foliated

bi hb granulite with  
part of gbs as sugary  
clusters. Hb phos to 1/2"  
SOS noted first part of  
traverse by creek.

Fork + 1.71 mi Hb qd and  
Porphyry. Kspar & Hb phos  
Exposed in rd burn.

Fork + 1.78 mi 3.56  
SLP mainly porphyry  
ATP all porphyry  
Spec RC P 94A  
9G 819 S

Fork + 1.80 mi Hb qd.  
Some epidote

Fork + 3.18 mi @ ch.  
Since Fork + 2.5 v. little oz.  
but all Hb qd except 1 ph.  
Ch + .3 mi Pacific RC P 94B

# SUMMARY

## LIMITS

Foliated, Melanocratic m.g., bi, hb gd.  
M. gneiss, leucocratic, bi gneiss

{ Rhyolite (loc. flow banding)  
{ Porphyry (k-spar & hb planes)

Contact between  
granites distinct.  
Units quite uniform  
but to the S of the trace  
the hb gd seemed more  
melanocratic? with  
maps rich "veinlets"

At Contact: possible alt  
(green fsp, pink k-spar?)  
in Qtz matrix but  
narrow zone.

Locally epidotization  
of hb gd: Epid core  
on shears & around hb grains

28.6.69 THURSDAY

95

CODWIN TRAV UP MIDDLE  
FORK FROM CAMP

WON PREVIOUSLY SAMPLED.

139°47'W ; 62°48'N

Camp + .2 mi on L.S.

gully 9Q8205

Camp + .25 mi 9Q821 silt

main ch. 3'W .2 deep

Camp + .39 9Q8225 on L.S.

rhysites & fsp pop float

Camp + .40 rhy, fsp pop and

bediated Hb qd float with

sericite gts granis

Camp + .50 mi 9Q823 main ch silt

float ser rhy & Hb qd only

latter is epid - esp Hb.

Camp + .75 mi 9Q8245 L.S. rhy float

9Q825 main ch

Camp + .77 Hb qd float & rhy.

Camp + .82 sub c.c. on

hill slope of Hb qd. only  
slightly more Hb float Hb which is  
less SPEC 9Q825A

Camp + .84 sub o.c. of

more usual hb qd.

Spec. 9C795B

Camp + .98 mi = Fork

9C826S R. side of Rt. Fork

o.c. of sos hb qd.

9C827W } Rt. Fork

9C828A } f silt

9C829W } Left. Fork

9C830A } f silt

9C831S soil on L. side

of left fork.

TRAVERSING UP L. FORK

Fork + ~~1.2~~ .18 mi

on L. side sub oc. sos Rt. hb qd.

Fork + .23 mi gully on R. S.

= 9C832S

Fork + .25 mi = 9C833 silt ch.

9C834S = L. side soil

Fork + .28 mi sos hb qd.

Fork + .38 mi Sub. o.c. sos 96  
1/2 lb gd. 9A835S @ bank in slope

Fork + .40 mi "Gelsenwasser"  
of hb. gd. Spec 9AP96A

Fork + .50 mi ch 9A836 silt  
L. side 9A837S in draw  
Sub o.c. ATP sos hb gd.

Fork + .70 mi.  
SLP no o.c.  
ATP *decolorated* m. gr.  
biotite qtz monzonite (KFS  
yesterday) SPEC 9AP96B QM

Fork + .73 mi sub oc sos Q.M.

Fork + .75 mi  
(L.S.) 9A838S flat sos Q.M.  
9A839 creek  
(R.S.) 9A840S Eo sub oc.  
"Gelsenwasser" of sos Q.M.

Fork + .8 mi on R.S. Eo. sub oc  
of Krapau hb porphyry  
SPEC 9AP96C

Rock + .87 mi 505 DM

Rock + 1.00 mi

L.S. 9C841 S Sub oc. 505 DM

Main ch. { 9C842 W  
9C843 A - silt  
          B - sandy silt

TRaverse AT 115°

Ch + .02 mi = 9C844 S

Ch + .05 mi = 505 DM

Ch + .09 mi = sub oc. 505 DM.

Ch + .10 mi 9C845 S

ATP ~~thick~~ f. k. f. sp. porph.

Ch + .20 mi 9C846 S

Ch + .24 mi rd hb gd !

Ch + .25 mi sub oc. rd hb gd.

Ch + .30 mi 505 hb gd 9C847 S

Note trees along line mainly deciduous alder & birch

Ch + .40 mi 9C848 S ATP 505 hb gd.

Ch + .50 mi 9C849 S

505 505 hb gd, ATP <sup>very</sup> no ch.

Ch + .52 sub or. clay 97  
float sos hb qd

Ch + .54 = dry deep gully bottom  
= 9A850

Ch + .57 = sub or. sos hb qd

Ch + .60 = 9A851 S ATP sub oc.  
sos hb qd.

Ch + .70 = 9A852 S SLP sos qd.

Ch + .80 = 9A853 S SLP ATP  
sos hb qd

Ch + .90 mi = 9A854 S SLP ATP  
sos hb qd.

Ch + 1.00 mi = 9A855 S  
ATP sos hb qd

SLP locally bio-rich &  
lenticular phases of sos qd.

Ch + 1.10 9A856 S & 9A857 in gully

Ch + 1.20 9A858 S

Ch + 1.30 9A859 S

Ch + 1.40 9A860 S

Since Ch + 1.0 scattered  
boulders of sos hb qd

Ch + 1.42 = Rt Forer.

SANDY SILT 9A862 A

WATER 9A861 W

} Rt Forer.

Ex boulder talus on R.S. of Ch. 9A863  
SPEC 9A897A sos qd

#

TRAV. DWN ROAD

POINT 9A862. [PT]

PT + .10 mi contin. o.c.

of boulder talus on R.S.

PT + .25 mi 9A863 silt

ATP boulder talus / silt  
on R.S.

PT + .50 mi 9A864 silt

SP & ATP poor suboc on R.S.

PT + .75 mi 9A865 silt

Ex block talus on RS of  
silt w/ qd.

## SUMMARY

1. Same units as yesterday
2. Contact defined  
between

A m.g. ls & Mnymite

B m.g. foliated ls w/ qd

3. Petrology of rhyolite in both units

4. Ex. block talus wheras

Spec suitable for age dating  
could be obtained @ 9A97A

29.869

CAMP MOVE.

98

CAMP No. 2 - Godwin

CHOPPER HOPPING ESPECIALLY

ALONG MAG LOW BELT? Rk Geochem

Stop No	SPEC. No.	MAP. No.	SHORT DESC.	Comments
---------	-----------	----------	-------------	----------

1	9G866R	115J14	Y.C. Gneiss	
---	--------	--------	-------------	--

2	9G867R	115J14	cgr. biqrat.	} very crumbly
---	--------	--------	--------------	----------------

3	9G868R	115J14	"	
---	--------	--------	---	--

4	9G869R	115	"	sl. silic.
---	--------	-----	---	------------

5	9G870R	115J14	"	crumbly
---	--------	--------	---	---------

6	9G871R	115J14	"	"
---	--------	--------	---	---

Camp 7 - ~~9G872R~~

AT CAMP 2 Godwin 29.869	9G872R	} 115J13	f. gr.	ch exposed
	9G873R		quartz	O.C.

9G874W	} Neg. rubearia	} Rt fork above camp
9G875 <sup>A</sup> <sub>B</sub>		

9G876W	} Neg. rubearia	} Main ch above camp
9G877 <sup>A</sup> <sub>B</sub>		

9G878W	} Neg. rubearia	} left fork below camp
9G879 <sup>A</sup> <sub>B</sub>		

30.8.69

CAMP NO 2 TRAIL 99

ERDWIN

PACING FROM HUT CREEK [H]

L.S. H+140m Ex angular talus on L.S. of purple fign. granite. Texture very variable. Phenos of qtz 2/2-3mm. QC 880 S Also abundant med-grained granites

L.S. H+41m Hb bi granite ungr. with micarditic cavities.

L.S. H+70m — " —

L.S. H+80m fign. granite  
SOS minor ungr. gran

L.S. H+88m minor ungr. gran  
H+94m

QC 881 S **QC 882 R** SPEC

L.S. H+109 SOS minor gran.

L.S. H+130 QC 883 S  
SLP SOS minor gran  
ATP No ore, ch. depression

H+140 = JCN R. side Trib QC 885

Main ch just below JCN QC 884

JCN + 02 mi L.S.

sos. m. gr. mica. granite  
Note varying granulosity  
and local green fsp?

9A886R & PEC.

Dominant mafic Kb ~10%

Big block of granite  
observed cut by 2" wide  
dense, greenish qtz, fsp.,  
porphyry dikes.

JCN + .07 mi = 9A887S  
sos gran.

JCN + .23 mi = 9A888  
silt from dry drainage  
marked by line of deciduous trees.

JCN + .25 mi = 9A889S  
= 9A890R sos gran  
= 9A891 man ch.

JCN + .47 mi = 9A892 man ch

JCN + .48 mi = 9A893 small  
R.S. gulley

Jent. 13 .50 = 90894 S

Jent. 56 mi = 2' w track  
with good bed

~~Water 90895~~

Silt 90895

Water 90896 W

Silt 90897 A, B

Note: 3 silt. samples ATP

CK + .06 mi = good o.c. on  
rt side

1. M. gr. granite  
2. Micritic var. common  
↳ 90898 R SPEC

3. Loc heavily shatter joints?

4. Loc silic

90899 R SPEC.

CK + .25 mi

90900 R = R.S. ... 150g gran. only  
locally aph. quartziness

90901 silt main ch

90902 soil from L. side

M.D.  
125  
-705

9G903 silt in wet gully  
trending 305° on L.S. of stream.

At Ck + .36 mi.

Ck + .50 mi

L. Side 9G904S

Ch 9G905

R. Side 9G906R sos uncons. m. gr. grnt.

Ck + .55 L.S. wet gully, silt 9G907

Ck + .62 L.S. damp gully, silt 9G908

Ck + .68 Float; Foliated  
bi, hb gd. ERRATIC!

Ck + .75

L.S. 9G909S sub-o.c. sos grnt

Ch 9G910 silt

R.S. 9G911R sos grnt

Ck + 1.00

L.S. 9G912S in sl. gully

Ch 9G913W

Ch 9G914 A.B.

R.S. 9G915R ~~between slopes~~  
sos grnt.

NOTE ATP may be hb gd. ∴ near contact

TRAV across <sup>index</sup> to strick to W.

ck + .09 mi = sub o.c.

Aug. <sup>collected</sup> bi, hb, gd.

- ck + .31 mi = western ch. SLP ATP  
no o.c.

ATP 9C916W } App. grnt  
9C917 A,B } Hb gd float

Trav. down ch to Home ch.

CK + .11 mi float on L.S. grnt.

ck + .25 mi 9C918 sandy silt  
Ex sub o.c. on L.S. S.S. grnt

ck + .50 mi 9C919

ck + .75 mi 9C920

ck + .90 9C921W  
9C922 AB

ck + 1.00 mi = Main ch

9C923W  
9C924 A,B } Main ch named  
above trib. just sampled

9C925 = dry stream bed  
on L.S. of Main ch

App. loc on map.

SUNDAY.  
31.8.69

GODWIN

102

TRAVERSE UP CK ON L.S.

of home creek 1. below camp.

Small Hut @ bottom of ck.

Hut + .10 mi = 9G926R (SPEC)  
C. ca. 1/2 in

ATP Sub o.c. of f. gr. granite

Note: extreme textural variations  
in this rock from fine to  
m. gr. Main mafic Hb, second bi.

Hut + .25 mi = 9G927 silt, sandy

Only 1. piece of gtz noted in float.

S.D. & ATP f. gr. gnt.

Hut + .50 mi = 9G928S on R.S.

where gnt.

9G929 = ch. used

gnt of qd.

L.S. (SPEC) 9G930R =

hb, bi<sup>o</sup> granite [equiv to

foliated bi<sup>o</sup> hb qd - foliated]

very slightly foliated 30%

gtz

9G931S = soil

from L.S.

Hut + 0.44 mi = SLP to this point  
on Rt. side sos f. sp. - m. sp. gran

Hut + .65 mi = Frickle @  
granitic contact = 9C932 [R.S.]

Hut + .67 SLP bi hb ~~off~~ m. sp. gran.  
ATP sos gd. [R.S.]

Hut + .69 [L.S.] sos gd.

Hut + .75 = 9C933 main ch  
SLP & ATP sos gd [R.S.]

Hut + .85 ATP gd [R.S.]  
ATP f. sp. granite, mixed

bedded

Hut + 1.00 mi  
SLP & ATP sos granite

~~9C934 + 1B~~ = rh spec R.S.

9C935 = silt from ch

Hut + 1.03 mi Sos gran on ledge

Hut + 1.25 mi Sos gran on both  
sides of ch Big blocky talus  
9C936 silt, sandy

Hut + 1.50 mi = 9C937 - silt

[R.S.] 9C938R Rock sos

gran.

Hub + 1.75 mi = 9C939 silt  
400 yds. only v. f. grained.  
Duff ↓ ?

Hub + 1.92 mi contact on L.S.  
between v.f. gr. granite (down-  
stream) and m. gr. hb<sup>3</sup>gd.

But @ Hub + 1.95 500 v.f. gr. gnt  
And @ Hub + 1.97 500 gd.  
And @ Hub + 1.98 500 v.f. gr. gnt  
+ 500 gd.

Hub + 2.00 mi  
L. Side bk (SPEC) 9C940R 500 v.f. gr. gnt  
L. Side bk in slope 9C941S  
Main stream 9C943ARS silt  
R. Side bk in slope 9C944R 500 v.f. gr. gnt  
WATER main str 9C942W

Hub + 2.20 mi L.S. = ATP m. gr. gd.  
- 500 f. gr. gnt.

Hub + 2.21 mi L.S. tide  
1' wide trickle silt 9C945

Hub + 2.34 mi L.S. of talus of v.f. gr. gnt<sup>2</sup>  
Main str 9C946

Hut + 2.50 mi

L.S. good or. v.f. sp. grnt (thy?)

L.S. 9C947S

9C948 creek silt

9C949S rt side

float mainly bi, hb, m. sp. gd.  
but some v.f. sp. grnt.

Hut + 2.68 mi L.S. Hb gd.

Hut + 2.75 mi mixed float 9C950 silt  
mainly ch.

Hut + 2.91 mi L.S. float Epid gd.

Hut + 3.00 mi L.S. float 50% grnt & b. gd.

L.S. 9C951S

Mainly ch 9C952 Ft mainly sd  
some ch & crust.

R.S. 9C953S

Hut + 3.07 mi L.S. float m. sp. note abundant

bi hb (gd) but

note abundant 4/8

o. sp. grnt? SPEC

9C954R

Hut + 3.20 mi FORK.

Left fork (smaller of 2) 9C955 A.B.

Right fork (larger one) 9C956 A.B.

R.S. float v.f. sp. granite.

End of trans. up ch.

2. 9.69 TUESDAY. HOME CK.

115 J 12 & 13. FRANCHAMP NO 3 GODWIN 19.69.

Note Paces used to Fulk & skipping: paces wrong.

9C95B - first ch on R.S. of Home Ck below camp.

Float: 50% f. gr. g. ant l. e. m. silt.  
50% m. gr. h. b. g. d.

9C95B - 9C95B + ~~3#~~ .35 mi.  
Small ~~cut~~ gulley E silt.

9C957W } 9C957 + .86 mi.  
9C960A.B } 1 1/2' wide, slow H<sub>2</sub>O  
Float, mainly f. sp. g. ant.

9C961 = 9C960 + .50 mi (but crossed route)  
= dry wide stream bed ATP  
50% f. gr. g. ant & 50% h. b. g. d. float.

TRAVERSING UP 9C961 CK

9C961 + .09 mi = 9C962W / 9C963 silt  
50% float.

9C961 + .25 mi = 9C964 sandy silt

9A961 + .50 mi = L.S. 9A965S

Chk 9A966

R.S. 9A967S

9A961 + .75 mi = 9A968 silt

9A961 + 1.00 mi = 9A969 silt

ATP gradual change in

float to almost all

m. gr. hb. gd.

9A961 + 1.25 mi = 9A970

9A961 + 1.50 mi

L.S. 9A971S clumpy

Chk. 9A972S silt

R.S. 9A973S clumpy

↑ within slope

9A961 + 1.69 mi

R.S. v. angular float in banks

1. m. gr. bi. g/b. monzonite? which is epid. along joint surfaces

2. m. gr. hb. gd.

9A961 + 2.00 mi = 9A974 silt

9A961 + 2.00 mi = 9A975 silt

9A961 + 2.25 mi = 9A976 silt no flow ATP

PACER SKIPPING

Ch + .18 mi SLP & ATP  
SOS Q.M.? ATP 9C9905 106

Ch + .20 mi ATP P. 92  
mineralic granite  
SLP no ore.

Ch + .21 SOS Q.M.

Ch + .24 " "

Ch + .25 = 9C9915

Ch + .26 = SOS Q.M.

Ch + .30 = 9C9922 SPSS  
SLP & ATP SOS Q.M.

Going directly to Ch 9C9935

9C99-creek sample @ top [T]

= 9C994 - not flowing ATP.

Float SLP SOS Q.M.

T + .25 mi = 9C995 Silt, flowing top

SLP & ATP SOS Q.M. both sides

T + .50 mi = 9C996 Silt

SLP no ore. ATP on R.S.

SOS Q.M.

T + .75 = 9C997

T + 1.00 mi

90998W

90999 A, B on silt

T + 1.25 mi = 901000

T + 1.50 mi = 901001

## SUMMARY

Felsite dikes abundant @  
Q.M. at its apparent  
contact. As go away  
from this contact-less  
felsite with.

### Rh types

- ① Q.M. with felsite dikes
- ② Usual bi, hb gd.

Very little O.C.

2.9.69.

GODWIN CAMP 3

1

FRANK CHARLIE.

9K150

9K151

9K152

9K153 WATER -

9K155

9K154 WATER -

9K156

~~9K155~~

~~9K156~~

9K157

9K158 -

9K158  
ROCK SAMPLE

9K159

9K160 WATER -

9K161

R.SAM.

9K162 SOIL

~~9K161~~



Heat in ch  
① C. grained granite  
② F. grained gneiss - loc  
pegmatitic

3-9-69 WEDNESDAY

107

HOMER CREEK CAMP NO 3 - GODWIN

Home clu 9C1002W

9C1003 A/B

Deep gully silt 9C1004

Tran. across flat drainage @ 040°

9C1005 - 0 pc.

9C1006 - 28 pc

9C1007 - 41 pc

9C1008 - 67 pc

9C1009 - 102 pc ← MAIN?

9C1010 - 140 pc

9C1011 158 pc

9C1012 181 pc

Traversing up the slope <sup>early</sup>

Mafic rich, big g.d. & float @  
base of overturned trees.

Slightly epidotized.

flod o.c. @ nose level

flod o.c. just above nose gd. spec.

Exc. C. mainly 30s gd QC1013A

Locally pegmatite with with  
pink K-span up to 2" long  
Trav. Ery to ~~level~~

No o.c.

At creek QC1014W

QC1015A, B silt, <sup>minor</sup> org.

Trav upstream from this Pt

QC1016 = L.S. trib @ Pt + .22 mi silt  
Not flowing

Pt + .25 mi = QC1017 silt - main ch.

Pt + .36 mi = QC1018S on R.S. fld  
below large fan-shaped  
depression - damp area  
- base of slope.

Pt + .47 = QC1019 = dry drainage on R.S.

Pt + .50 mi = QC1020 main ch

Pt + .60 mi = QC1021 R.S. trib  
no flow

Pt + 0.70 mi = Fork

Left Fork 9G1022W

9G1023 A, B. silt

Float mainly (gr. granite)

Right Fork 9G1024W

9G1025 A, B silt

Note: slight Fe ppt @

Scum on trickle flow ATP

Ft + .18 mi L.S. soil (SLP no o.c.)

@ brk in slope 9G1026S

Ft + .25 mi = 9G1027 main ch

Float M. gr. ~~qtz~~ biotite

~~partly~~ ~~formed~~ ~~but~~ ~~qtz~~

little more than 10%, also

slight foliation.

Ft + .50 mi = 9G1028 dry bed ATP

Float U. angular 50% ~~ATP~~

~~more~~ MONTE SPEC 9G1029R

Ft + .65 R.S. sub o.c. MONTE

F+ .70 mi h. s.

Sub o.c. K spaw porphyry  
Aphanitic groundmass

F+ .75 mi = QA1030 soft, friable  
Float mainly crystals  
Odd blocks of hb gch.

F+ 1.00 mi QA1031A B <sup>Foliated</sup>  
~~Aphanitic float~~

End of ch trav.

A slight left fork

B slight Right fork.

TRAV EAST

P+ .25 mi float below base  
root hb big gch, ~~bleached~~

.32 mi lenses crystals.

.35 mi q. mags

.36 mi Monz

.43 mi " lined grained

.46 mi " foliated

.49 mi " lenses loc pegs

.58 mi "

.86 mi QRM

Pt + .80 mi small creek riv

9G1032W

9G1033A,B

Main creek - below this pt

Ch 9G1034W

9G1035A,B

} 5' wide

& road on R.S. of ch bstr

Q.M. & blk. gd.

Road in ch 60% to 80% sandstone

20% sand

TRAV. DOWNSTREAM.

Pt + .25 mi 2 9G1036 silt

Subsoil on R.S. of ch

Bx foliated, bi, h, b, gd.

Loc. epid. Dikelet of

apparently flow banded

foliate to k-spar phenos!

Also locally leucocratis

dikes ~~not~~ used. to 9" wide

Pt + .50 mi 2 9G1037

Pt + .70 mi 2 9G1038

from fan-like valley  
drainage on L.S.

Pt + .75 mi 2 9G1039

min cl

At <sup>sub</sup> no. c. on R.S. of sos hls qd.  
sup little o.c.

Pt .89 sos qd

Pt .90 m. q. Q.M.!

Pt .95 hls qd.

Pt + 1.00 mi 2 ch. pin.

On RIGHT side of main  
creek at this pin.

~~Mainly hls qd but hybrid bars~~  
up slope m. q. Q.M.

or m. q. Q.M.?

Nose of hill near camp Q.M.  
Spec PG 1040R

## SUMMARY

SOS Q.D.

QTZ POOR MONTEBATE?

Q.M. vs. C.R.N.T.

4.9.69

NGK 901041

110

THURSDAY

BODWIN

No traverse.

5.9.69

FRIDAY

SAMPLE

TYPE

MAP REMARKS

901041

A.B.+W

11SJ13

42

"

11SJ14

43

"

11SJ14

44

"

"

45

"

"

46

"

"

47

"

"

48

"

"

49

"

"

50

"

"

51

"

"

52

"

"

53

"

"

54

"

"

55

"

"

56

"

"

57

"

"

58

"

"

MAP

SAMPLE	TYPE	ROCK	REMARKS
1 9G10 59	R	115014 c.gr. bi-grnt	
2 60	R "	c.gr. bi-grnt	
3 61	R "	v.c.gr. chlorite granite	fsp. alt white chlorite devd
4 62	R "	c.gr. bi-grnt.	
5 63	R "	qtz fsp gneiss	
6 64	R "	sericite qtz fsp gneiss	
7 65	R "	qtz, fsp gneiss	
8 66	R "	{ biotite, sericite, qtz fsp gneiss }	
9 67	R "	qtz fsp gneiss	
10 68	R "	c.gr. hb grnt.	
11 69 <del>69</del>	R "	float on LK Chlorite ≠ biotite devd.	py & cp? in qtzite Y.G.
12 9G10 70	R "	Py in qt zone Y.G. intense as 00961069	not as

TRAVERSE - LOC. 001 OVERLAY

115 J14. Set out with chopper  
to CLAIM POST MARKED:

Post #1, Tom Tigre, 1500'S,  
1500'L, Aug 22/69, Ron Dennet?

Δ1 to Δ2 marked on ~~the~~ map.

Δ1 ATP Y.C. loc rusty  
9G1071R - rusty, pyritic Y.C.  
9G1072R - Y.C. - non-rusty.  
9G1073<sup>5</sup> soil ATP.

Δ1 + rope. 9G1074<sup>5</sup> Y.C.

200 1075<sup>5</sup> "

300 1076<sup>5</sup> "

400 pc 1077<sup>5</sup> "

To Left of line 1/2 way to ridge

9G1078R - gtrase Y.C.

9G1079R - amphibolite Y.C.

|| At ridge 9G1080R - c.gr. bi grnt.

487 pc. 1081R fresh grnt

500 1082<sup>5</sup> flat, little float.

580 1083<sup>10</sup> leuco m. gr. grnt.

600 1084<sup>5</sup> —

650 ~~—~~ c.gr. bi grnt - blocks.

700 1085<sup>5</sup>

800 1086<sup>5</sup>

900 1087<sup>5</sup>

A1+	1000pc	9G 1088S	} sos grant.
	1100	1089S	
	1154	1090R	- silic grant.
	1200	1091S	
	1273	1092S	
	1290	1093S	
	1400	1094S	
	1500	1095S	

A2 = 1600pc 9G 1096R = T012R.

A2 to D3 on tracing.

A2+	100pc	9G 1097S	} sos e.gr. big grant.
	200	1098S	
	300	1099S	
	370	9G 1100S	- sl. drainage top of ch.

A3 = 400pc 9G 1101S

A3 to CAMP on tracing.

A3+	100pc	9G 1102S	} sos e.gr. big grant and snow.
	200	3S	
	300	4S	
	400	5S	
	500	6S	
	600	7S	
	700	8S	
	800	9G 1109S	

SEPT. 5 1969 \* SOIL SILT & WATER SAMPLES

	<u>SOIL</u>	<u>SILT</u>	<u>WATER</u>
1/	9K175		
2/	9K176		
3/	9K177		
4/			9K178
5/		9K179	
6/	9K180		
7/	9K181		
8/	9K182		
9/	9K183		
* 10/	9K184		
11/	9K185		
12/	9K186		
13/	9K187		
14/	9K188		
15/	9K189		
16/	9K190		
17/	9K191		
18/	9K192		
19/			9K193
* 20/		9K194 (Rock sample)	C. 9.6" grnt
21/		9K195	
22/		9K196	
23/			9K197

SEPT. 5 1969      SOIL, SILT & WATER SAMPLES

SOIL      SILT      WATER

24

9K198

25

9K199

26

9K200

27

9K201

28

9K202

29

9K203

30

6-9.69 - SATURDAY

MAP 115 J 14

9Q 1110 S

1111 S

1112 AB

1113 R - rusty, silic granite

1114 S

1115 R c. gr. bi. granite (SPEC)

1116 R m. gr. leuco. granite (SPEC)

9Q 1117 W

1118 A, B

} L.S. tributary  
Float quartz & mica

9Q 1119 W

1120 A, B

} Mainly c.  
Mainly or float  
some quartz

Jen

1

9Q 1121 A, B

~~1122 A, B~~

} R.S. Trib

no flow  
mainly quartz

Jen A + 126 pc Bi, hb, fsp porph

on L.S. Ex o.c. 15' x 10' 9Q 1122 R

Dike < 50' W in m. gr. grat.

9Q 1123 = Jen 1 + 250 pc.

~~1124 R~~  
m. gr. quartz

Jen + 330 pc v.f. gr. granite & peg

Dike in ch bottom as

Jan + 500 pc - 9G1124  
on R.S. c.g. gmt

1125

1126

1127 W

1128 A, B

1129

1130 W

1131 A, B

1132 W

1133 A, B

1134

1135 W

1136 A, B

1137 S

1138 W

1139 A, B

1140 S

1141 S

1142 S

1143 S

1144 S

# Summary

1) Note: Aresno & Py dissemin  
in granite near plane wreck  
9K246R

2) Whole area is generally  
C. q. bi granite with  
qtz variable somewhat but  
often as much as 25-30%.

3) Torrs are of this granite  
only fresh

4) On N & S contact  
with Y.C. district.

In both sides a m. q.  
leucocratic granite  
is found — this  
suggests that it is  
a border phase assoc  
with the contact &  
may be due to some  
chilling against it.

• Granite younger  
than Y.C.



7851

30. VIII. ↓

5000'

77

7651

7551

74

7351 - m. glauk. granit.

72

71

70

6951

6

30. III. 2.

93R

X 92S

X 91S

X 80S

X 85S

~~88~~

X 87S

X 86S

X 86S

85

X 84S

X 83S

X 82 A, B, W

X 81 A, B, W

81 A, B  
W

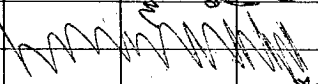
80S

79

78S

Ranilla

Wig of grass



mb  
ad  
mb

1025  
-1031  
1404 R  
ground

1055  
906

925  
928  
945  
955

965

1000

975

985

993

1000

1010  
1020

Bo. P.W. 3

30 VIII. 4

1115 ✓

1

1105 ✓

1095 ✓

Rubble  
m. g'd granite

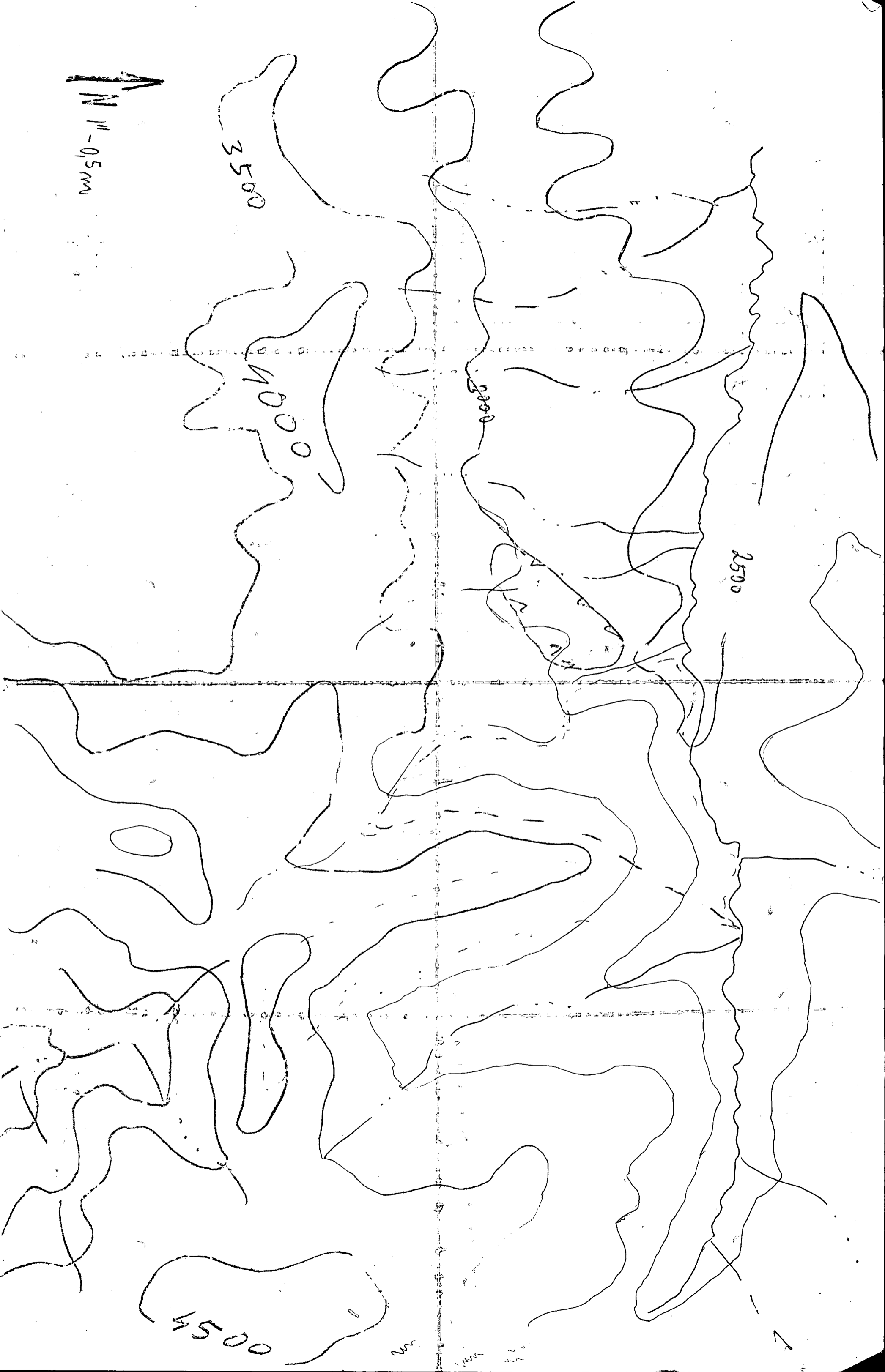
1085 ✓

1075 ✓

← 106

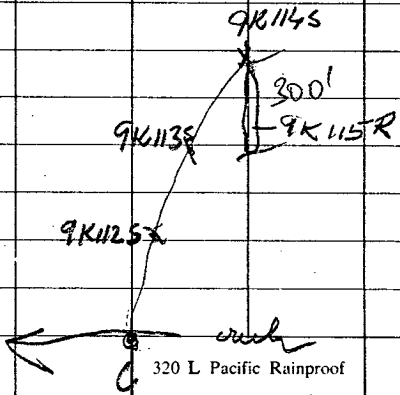
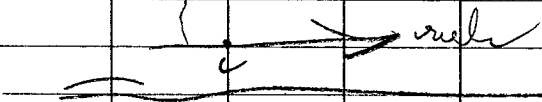


N  
11-05m



31. VIII. 1.

quand. granite



32. VIII. 2

9K119R

med. gr. hydrothermal  
rocks, mostly granite

9K118A, B, C } f.g. granite  
outcrop

gd

9K117R

9K116A, B, C

crch

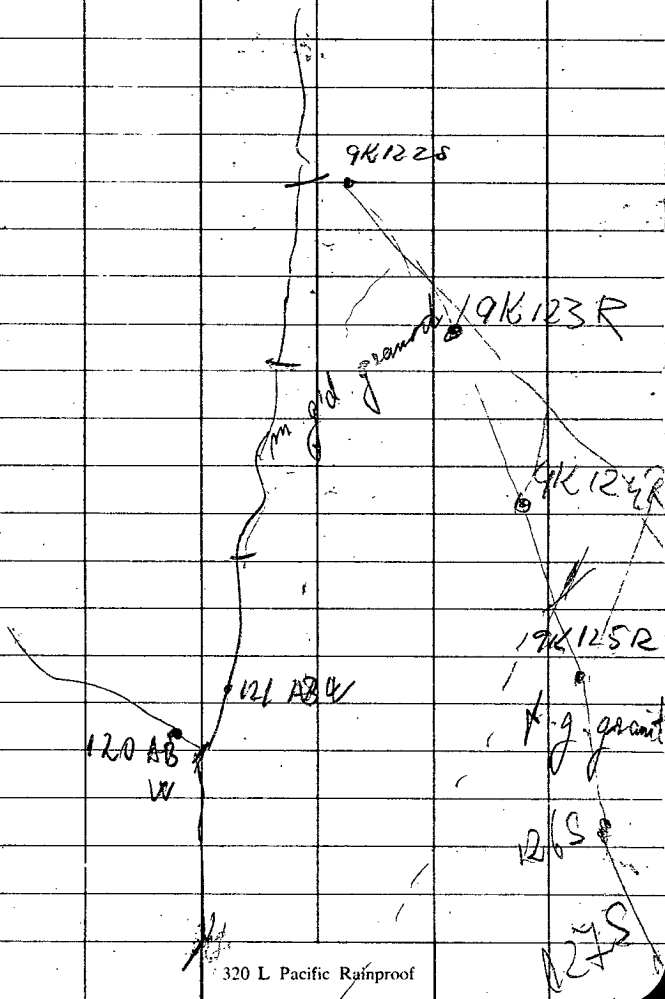
600'

800'

f.g. granite

facite

31.VIII.3



128 R/1

Qr. - field exp. paper.

137



~~Aug~~ SEPT 2/69

9K163

9K164 WATER — 9K165

9K166 WATER — 9K167

9K168

9K169

— X — Y — X —

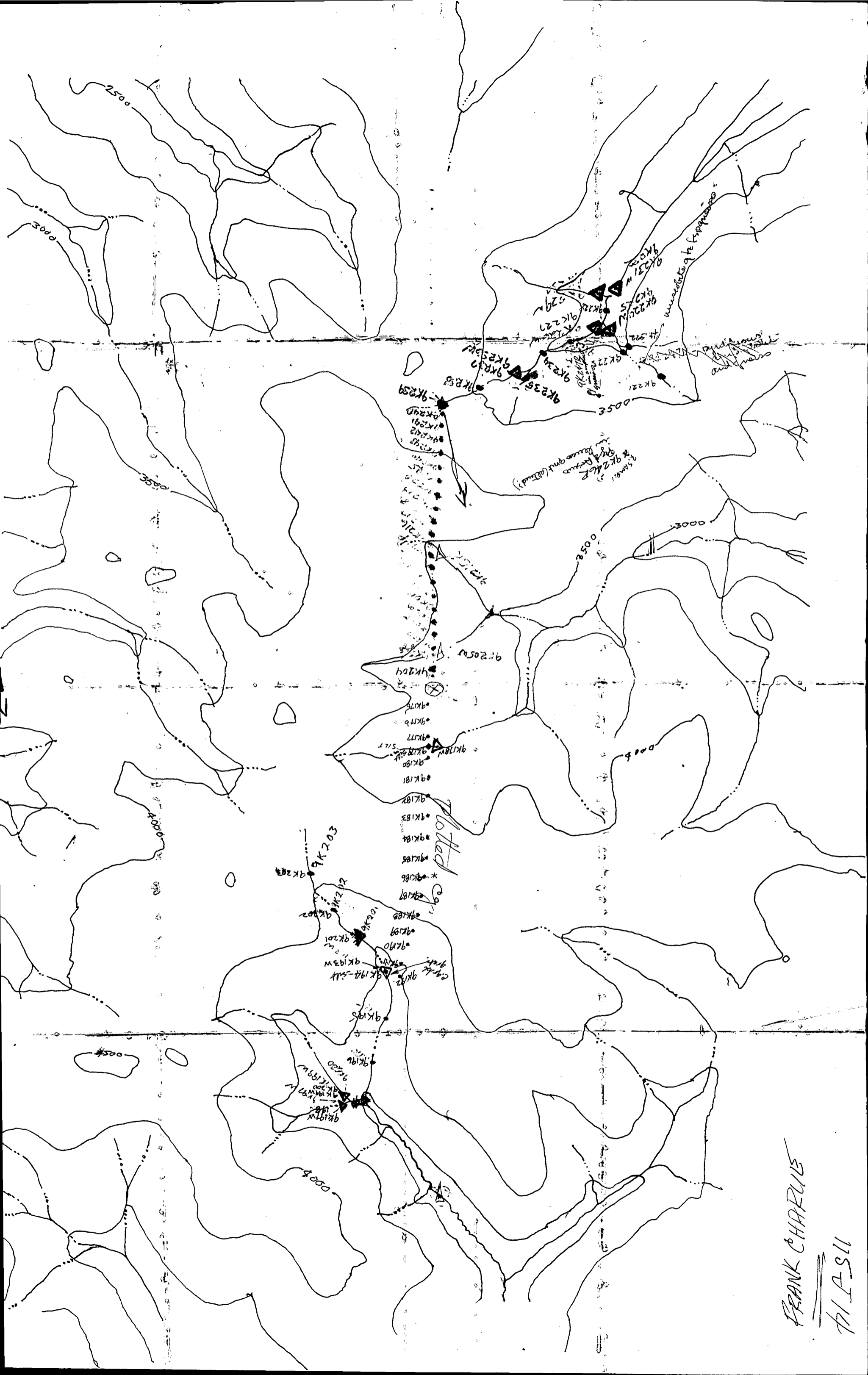
9K170 WATER — 9K171

9K172

9K173

9K174





FRANK CHARLES  
 11/25/11

SEPT. 6, 1969

SOIL, SILT & WATER SAMPLES

SOIL

SILT

WATER

1 9K204

2/

9K205

3/

9K206

4/ 9K207

5/ 9K208

6/ 9K209

7/ 9K210

8/ 9K211

9/ 9K212

10/ 9K213

11/ 9K214

12/

9K215

13/

9K216

14/ 9K217

15/ 9K218

16/ 9K219

17/ 9K220

18/ ~~9K221~~

9K221

← R. SAMPLE

19/

9K222

20/

9K223

21/

9K224

22/

9K225

SEPT. 10, 1969 SOIL, SILT & WATER SAMPLES

SOIL	SOIL	SILT	WATER
23			9K226
24		9K227	
25		9K228	
26			9K229
27		9K230	
28			9K231
29		9K232	
30		9K233	Rock SAMPLES (OUTCROP)
31		9K234	
32		9K235	
33			9K236
34		9K237	
35		9K238	
36		9K239	
37	9K240		
38	9K241		
39	9K242		
40	9K243		
41	9K244		
42	9K245		

Sept 20

9h311      wide                      3      FT  
                  Depth                      1      FT  
                  Sed Color                      Brown  
                  Fast Current

9h312      wide                      3      FT  
                  Depth                      1      FT  
                  Sed Color                      Brown  
                  Fast Current

9h313      wide                      3      FT  
                  Depth                      1      FT  
                  Sed Color                      Brown  
                  Fast Current

9h314      wide                      3      FT  
                  Depth                      1      FT  
                  Sed Color                      Brown  
                  Fast Current

9h315      wide                      3      FT  
                  Depth                      1      FT  
                  Sed Color                      Brown  
                  Fast Current

Sept 20

9h316

Rock Sample

9h317

Wide

3

FT

Depth

1

FT

Sed Color

Brown

Med Current

9h318

Wide

3

FT

Depth

1

FT

Sed Color

Brown

Med Current

9h319

Rock Sample

9h320

Wide

3

FT

Depth

1

FT

Sed Color

Brown

Med Current

9h321

Wide

10

FT

Depth

2

FT

Sed Color

Fast Current

			Sept 28	
9L322	Wide		10	FT
	Depth		2	FT
	Sed Color			Brown
	Fast <del>Med</del> Current			
9L323	Wide		3	FT
	Depth		1	FT
	Sed Color			Brown
	Med Current			
9L324	Wide		3	FT
	Depth		1	FT
	Sed Color			Brown
	Med Current			
9L325	Wide		2	FT
	Depth		1	FT
	Sed Color			Brown
	Med Current			
9L326	Wide		2	FT
	Depth		1	FT
	Sed Color			Brown
	Med Current			

Sept 20

9L327

Wide

2 FT

Depth

1 FT

Sed Color

Brown

Med Current

9L328

Rock Sample

9L329

Wide

1 1/2 FT

Depth

1 FT

Sed Color

Brown

Slow Current

9L330

Wide

2 FT

Depth

1 FT

Sed Color

Brown

Med Current

9L331

Wide

1 1/2 FT

Depth

1 FT

Sed Color

Brown

Slow Current

				Sept 20
91332	Wide			2 FT
	Depth			1 FT
	Seed	Color		Brown
	Med	Current		
91333	Wide			2 FT
	Depth			1 FT
	Seed	Color		Brown
	Med	Current		
91334	Wide			2 FT
	Depth			1 FT
	Seed	Color		Brown
	Med	Current		
91335	Wide			2 FT
	Depth			1 FT
	Seed	Color		Brown
	Med	Current		
91336	Wide			2 FT
	Depth			1 FT
	Seed	Color		Brown
	Med	Current		