

018586

-T- 6

NTS-

May 29/69

Greenwald

No 9W1

width 5' depth 6" rate 3

level avg,
clear

brown-yellow

size 1 silt 2 sand 3 fr. organic

rock: 1 (float) QRTZ (quartzite)

min - none

A active, above = 3 left

brown ~~sed~~, some sed, ppt

B active, above 3 top middle

C - 1 1/2 rt bank.

X co-ord. - 136° 57' 50" (long)

Y co-ord. - 63° 25' 25" (lat)

NTS. 115 P/7

2

46 X co-ord - 138° 37' 20"

Y co-ord - 63° 25' 15"

NTS - 115 P/7

9 W 2

Width ~ 2½'

Depth 4"

Velocity - fast

Level - average

Ppt on rock - brown

Sediment - silt - sand trace
(muscovite)

Float - SCST

No - mineralization

Sample A

- below H₂O level

- midstream

- color of sed. - brownish yellow
· same

Sample B

- below H₂O level

- midstream

- color sed - same as A

Sample C

- below

- midstream, same sed & ppt color

X - 136° 38' 40"
Y 63° 25' 10"
NTS - 115 P/7

QW3

Width 3'

Depth 6"

Velocity - fast

Level - high

Color of H₂O → yellow

Ppt on rock - brown

Sediment - silt - trace sand

Float - Sst (mainly quartzose
minor graphitic
- large SiO₂ sweets.

No-mineralization

Sample A

- above H₂O level
- right side
- sed. color - brown

Sample B

- below H₂O, right side
- same color sed as A

Sample C

- below, midstream
- brown sed & ppt.

X - 136° 38' - 40"
Y 630 84' 0"
NTS 115 P/1

9 W 4

Width 3½'

Depth 8"

Velocity - fast

Level - 3

Put on rock - brown

Sediment - silt - some sand
(muscovite)

Float - schist

No - mineralization

Sample A

- below No 0
- left bank
- brown-gray sed

Sample B

- same as A except midstream

Sample C

- same as A except on right

X 136° 37' 40"
Y 63° 24' 18"

NTS 115 P17

9W5

Width - 3'

Depth 8"

Vel - fast

Level - 3

ppt on rock - brownish-yellow

Sed - silt, sand, trace organic

float - schist

No mineralization

Sample A

- below No D
- left bank
- brown sed

Sample B

- same as A except right side

Sample C

- same as A except midst

X 136° 36' 50"
Y 030 24' 18"
NTS - 115 P(7)

QW6
width 6'
Depth 8"
vel - fast
Level - 3

ppt on rock - bone
sediment - silt - some sand
organic
float - quartzite - schist
no mineralization

Sample A -
- below H₂O
- right side
- gray sed

Sample B
- below H₂O
- left side
- gray - brown

Sample C
- same as A (further up)

May 29, 69

0107

0+00 Creek → E

4500' sample no. 9W7 (A & B)

7800' - outcrop on ridge
- quartz syenite (monzonite)
- SiO₂, K spai & plag (50:50)

7900' - continuation of same outcrop

9W7 -
width - 3'
Depth 6"
Vel - fast
Level - 2

1 pt on rock - light yellow
sediment - sand & gravel - trace
silt-

float - syenite, granite, schist, ^{minor} SiO₂
no mineralization

Sample A

- below H₂O
- right side
- light brown sediment

Sample B

- below H₂O
- right
- light brown

X 136° 55' 50"

Y 63° 19' 18"

NIS 1157/7

gws - 8300'

width 3'

Depth 18"

Vel - average

Level - 2

ppt on rock - brown - yellow
sediment - sand, gravel, trace silt
float - syenite, schist, minor SiO_2
no mineralization

Sample A

- below H_2O
- right side
- light gray - brown

Sample B

- below H_2O
- left side
- same as A

Sample C

- below H_2O
- left side active sediment

α 136° 55' 20"

β 63° 18' 50"

NTS - 115 P17

*

9w9 - Soil Sample
3900' from last sample

brown-gray
B horizon

X 136° 54' 30"

X 63° 18' 50"

NTS 115 P/7

X 136° 54' 0"

Y 63° 18' 55"

NTS 115 P/7

9W10 - 13,200' from start.

width 3'

Depth - 12"

Vel - fast

Level - average

ppt on rock - light brown

sediment - sand, gravel

float - syenite, schist

no mineralization

Sample A

- below rd D

- right bank

- gray brown sed

Sample B

- below rd D

- left side

- light brown

Sample C

- below rd D

- right hand

- brown

X 1360 53' 20"

Y 630 10' 55"

NTS P/7

9W11

M460

See Gary's notes

X 136° 52' 40"

Y 63° 18' 58"

✓ NTS - 115 P/7

QW12 - 16,900' (from start)

width - 5'

Depth - 8"

Vel - fast

level - high

ppt - brownish-yellow

sed - gray

float - schist

no mineralization

Sample A

- bank (right) active

- gray sed

Sample B -

- middle

- gray sed

Ended creek 20,100

Walked 600' to small
lake for pickup

✓

Dark green feldspar porphyry
3000'

small hill - outcrop
south bank of creek

9W13 - at 3900'

- width 3'

Depth 12"

Vel - slow

Level - average

pt on rock -

sediment - silt, clay, organic

float - none

no min.

Sample A

- bank right side

- gray

Sample B

- ~~same~~ middle

(organic)

- gray.

X 136° 55' 20"

Y 63° 21' 5"

NTS - 115 P17

May 30, 69

Landing Site

120° ~ SSE

3700' to second lake.

1300' to other side of
second lake

Bearing 150° from sec. lake

9W14

Width - $2\frac{1}{2}'$

Depth - 6"

Flow Rate - slow

H₂O Level - average

Color H₂O - clear, colorless (appears
brown)

Ppt on rock - brown

Sediment size - sand, clay, trace org

Float - gneiss, quartzite, slate, chert
some granitic boulder.

No mineralization

X 136° 44' 30"
Y 030 19' 20"
NTS - 115 P17

Sample A

- below H_2O , active
- left
- gray brown

Sample B

- same as A
- middle (mostly sand)

Sample C

- right side active
- mostly silt, organic sand.

Outcrop of porphyritic monzonite

- large phenocrysts of ortho & plag
- hornblende x'als
- predominant mineral is plagioclase
- location 1000' from last sample site or 6400' from landing
- outcrop visible on both

X 136° 44' 10"
Y 63° 19' 15"

NTS -115 P/7

- sides of canyon
- more predominant on right side
- extends for about 100 yds

QW15 - 1500' from QW14

Width - 4'

Depth - 4"

Rate - average

level - average

Color to 0 - clear & colorless

ppt on rock - none

sediment - sand, trace organic

float - prop monzonite

- some quartzite

Sample A

- mid - active, brown sed

Sample B

- same above

Sample C

- same as B

X 136° 43' 10"

Y 63° 18' 55"

NTS-115 P19

QW16 - on tributary - 700' upsb

Width - 1 1/2'

Depth - 8"

Vel - av.

Level - av.

ppt on rock - brown

color H₂O - yellow (appears dark)

float - schist, quartzite, laminated
mica schist, tuff

sediment - silt, organic trace

Sample A

- under H₂O

- right side

- gray sed.

Sample B & C same as A

From last station to stream
junction was 2800'

X 136° 43' 40"
Y 63° 19' 8"
NTS-115 P/7

9W17 - on tributary - 50' upst.
- 3000' from sample
9W15

- width - 4'

Depth - 12"

Vel - av

Lev - av

Ppt on rock - brown
color H₂O - yellow, clear

float - none visible

sediment - silt, organic (high)

Sample A

- above H₂O

- on right

- dark gray color

- Sample B & C same as A

X 136° 42' 10"

Y 63° 19' 5"

NTS -115 P17

9W18 - 3000' from last sample

Width - 2'

Depth - 18"

Vel - average

Level - average

ppt on rock - —

Color H₂O - clear yellow, dark brown when deep

sediment - silt, organic

float - none

Sample A.

- under H₂O

- left side

- dark gray sed

Sample B

- under H₂O

- left side

- dark gray, organic mat.

Sample C

- right side under H₂O

- dark gray, some organic

Reached Crooked Creek 5000'
from last sample

Distance from landing site

There's one hell of a bog
near Crooked Creek

May 30/69

landing site - headwaters
of second creek

Approx 800' from landing
site on right side noticed
outcrop approx 30' high +
30' across

Identifiable minerals

P_2O_5 , muscovite, cordierite

- possibly metamorphic
- creek found to flow over
bedrock of a composition
like prementioned outcrop
- many samples have dark
brown stain - probably Fe oxid

N

striking 82° ↑
Dipping south 52°
Metamorphic limestone

Quartz Vein - concordant

Asbestos veins
 170° - strike
 46° dip

Host rock is quartzite

Shear Zone strikes 60°

Stream in areas is non-existent
- then reappears further down

1000' ft downstream

120° - strike	}	sheared
62° - dip		amphibole
102° -		quartzite
46°		

June 2/69

X 137° 6' 0"
Y 63° 14' 42"
NTS - 115 P/3

~~NS to~~

No 9W35 - right (1 mile from
7-9 001 landing)

10-12 .5

13 2

14 2

15 1

16 -

17-21 18, 21

22 1

23-26 GRNT

Left Bank

Sample

Outcrop to right

- composition SiO₂
- biotite
- orthoclase
(Granite)

No 9W36

- same as 9W36

9w37 - 2500' from W36

- 2' wide

4" deep

av-level

av-rate

color - clear

sed - silt, trace organic

- color gray

no float

Y 137° 6' 10"

Y 63° 14' 30"

NTS-115 P13

Sample A

- active below

- gray silt

- right

Sample B

- below active gray silt

- right

Sample C

- below H₂O, active silt

- right

✓

X 1370 6' 10"
Y 630 14' 10"
NTS-115-713

9W38 - $\frac{3}{4}$ mile

- Width - 2'

Depth - 6"

Vel - av

Color - clear pale yellow

Sed - gray-brown

- silt, trace organic

Rate - av

no float

Sample A

- gray brown

- right active sed

- silt, organic

Sample B

- same as A

9W39 - left stream

- Depth - 13"

Width - 2'

Vel - med

Sed - silt, organic

Color - clear yellow

Sample A

- gray brown right side
active

- mainly organic

Sample B

- same as A

X 137° 6' 25"

Y 63° 14' 15"

NTS-115 P13

X 1370 5' 55"
Y 630 13' 50"
NTS-115 P13

QW40

-4' wide

3' deep

av - vel

level - av

sediment - brown-gray

- organic, silt

active below H₂O

- no float

QW41 (

- 12 miles from other creek

sand, organic

30'

2'

fast

float - schist, quartzite

X 1370 5' 50"

Y 630 12' 22"

NTS-115 P13

June 4, 1969

Outcrop of andesite 430 pcs (1100°)
from landing site

- protrudes high above ground
- very irregular
- heavily fractured & frost wedged
- strike 115° $115^\circ/50^\circ$
dip 50°

Joints $09^\circ/80^\circ E$

QW42 - 1700 from outcrop

- headwaters
- silt, organic
- slow
- no float

X - $136^\circ 41' 40''$

Y - $63^\circ 13' 35''$

NTS, 115 P/2

X 136° 45' 40"
Y 630 20 35"
NTS-115 P/2

9W19-A

width - 12"

Depth - 3"

Vel - av

Level - low

Color H₂O - clear & colorless

float - mica schist, quartzite

sediment - gravel, sand, silt

Sample A:

- midstream, active 0

- gray brown



May 31, 69

X 1360 54' 40"

Y 630 22' 7"

NFS-115 P/7

9W20 - 1 mile from landing site

Width - 8"

Depth - 2"

Vel - low

Level - av. ✓

ppt on rock

sediment - silt, organic

color - dark yellow

no float

9W22 - 3000' -

width - 2'

Depth - 1'

Vel - av. ✓

Level - av

Sed - organic, silt

ppt on rock - none

color H₂O - dark yellow

float - none

- active at H₂O level

- sed. - dark gray

X 1360 54' 50"

Y 630 22' 7"

NFS-115 P/7

X 136° 54' 40"

Y 63° 20' 5"

NTS 115 P/7

9W23 - 2000' from 21

width - 2½'

Depth - 18"

Vel - av

Level - av

Color ppt on rock - ~. ✓

Color H₂O - yellow, clear

Sed - gray brown

color of sed

float - none

left

9W24 - 3000' from 23

width - 3½'

Depth - 6"

Vel - fast

Level - av.

Color ppt on rock - light brown

Color H₂O - clear pale yellow

Sed - silt, organic (sand)

Color sed - gray → brown

float - none

X - 136° 54' 30" Y - 63° 20' 48" NTS
115 P/7

Sample A

- under H₂O - active sed
- left side
- gray

Sample B

- middle
- gray
- under H₂O active

90025 - 2500 from 24

width - 10"

Depth - 6"

vel - average

level - average

Color H₂O - clear pale yellow brown

Color sed - gray

ppt on rocks -

float - none

sed - silt, sand, trace org

Sample A

- active below H₂O

- gray sed

X-136° 54' 30" & 63° 23' 10"

NTS-1.5 P17

Sample B

- below H₂O
- gray sed
- silt, sand, some organic

Sample C

- under H₂O
- gray sed
- silt, sand organic

9226 (tributary) with 27.

- Width - 3'

Depth - 6'

Vel - slow

level - low

Color H₂O - clear

Sediment - black silt

No float

X - 1360 5' 4" 40"

Y - 630 23' 20"

NTS - 115 P17

X-1360 54' 30"
Y-630 23' 5"
NTS-115P17

9W27 - (same area as 26

- Width - 4'

Depth - 8"

Vel - average

Level - low

Color H₂O - muddy

Active above H₂O level

Color - dark gray

Sediment - silt, trace organic

No float

9W28 - 4000' from 27

2' wide

2' deep

Vel - fast

Level - av.

Color H₂O - clear pale yellow

Active below H₂O

Color of sid - light gray

No float

X-1360 55' 30"
Y 630 23' 05"
NTS 115 P17

Sample A

- below No D
- left side
- silt, trace organic

Sample B & C

same as A

B - more organic

9429 - 2600' from last

width - 3'

Depth - 1'

Level - on

Color - pale yellow clay

Sed - gray brown, silt org

No float

Below No D

- right side

X - 136° 55' 40"

Y - 63° 24' 30"

NTS - 115 P17

X 136° 56' 30"
Y 63° 24' 40"
NTS-115 P/7

GW 30 - 500' from 29

- 4'

- 1'

aw level

aw rate

silt-silt, organic trace

H₂O - char, pale yellow

below H₂O

active

GW 31 - 1000' from 30

- muddy H₂O

- silt

- 4'

- 1'

silt, below H₂O

X-136° 56' 40"

Y-63° 24' 40"

NTS-115 P/7

GW 32 - 300'

- silt & clay

X-136° 57' 2"

Y-63° 24' 35"

NTS-115 P/7

X - 136° 57' 20"
Y 63° 24' 38"
NTS 115 P/7

- QW33 - tributary (500'-33)
- silt, trace organic
- 2' wide
6"
- no float
- secl - gray

QW34 - 500' from 33
- same as 33

X - 136° 58' 00"
Y 63° 24' 38"
NTS - 115 P/7

9W43 $\frac{1}{2}$ mile from W42

- width 3'

Depth 6"

Level - av

Color H₂O - clear pale yellow

Secl - gray

- silt, sand, organic

Vel - fast

Float - feldspar porphyry

Sample A

- under H₂O, active, gray
middle

- silt, organic

Sample B

- same except right

Sample C

- same as B

X 136° 40' 50"

Y 63° 13' 35"

NTS - 115 P12

9W44. - 1200' from W43

- Width - 5'

Depth - 8"

Vel - fast

Level - av

Float - none

Sed - silt, trace organic

Color - clear, pale yellow

Sample A

- active below H₂O right
- gray silt

Sample B

- same as A except left

Sample C

- same as A except mid

- flowing through feldspar

- porphyry

X 136° 39' 58"

Y 63° 13' 40"

NTS

Tributary - 5000' from start

- flowing West

- no sample - top swampy

Junction at 380 1000' from
last position on tributary

Junction 6000' from start

Rock outcrop on right side
of stream at approx 8000'
from landing site.

- rock is fine grained

- light green texture

- believe it is felsite

9W45 - 200' from W44
- flowing from ~~the~~ south

Width - 2'

Depth - 1'

Vel - slow

Level - av

Sed - silt, organic, sand

Color Δ 60 - clear

Float - none

Outcrop - right side (downstream)
- 200' from W45[↙]

Quartz Veins

1" & $\frac{1}{4}$ "

80°/180° N

Joint

40°/74° N

X 1360 39' 50"

Y 630 13' 35"

NTS

QW4C - 2100' from 45'

width - 5'

Depth - 1'

Vel - fast

Level - av

Color H₂O - clear

Sed - gray brown, silt, org.

Sed color.

Float - prop (feldspar), SiO₂

Outcrop above - ↓

ppt on rock - brown

Sample A

- under H₂O active
right side

- gray brown silt

Sample B

- same as A
except left

Sample C

- same as B

X 136° 38' 55"

Y 63° 14' 48"

NIS 115 P6

aw47 - tributary (from s
Width - 2' 50' up
Depth - 1'
Vel - av
Level - av
Color by D - clear
sed - sand, silt
float - quartz, feldspar
- ppt on rock - orange
Dorophony

Sample A
- mid stream
- gray brown, active

Sample B & C
- same place area

X 1360 38° 50"
Y 030 13° 43"
NTS 115 P/2

X 136° 38' 00"
Y 63° 13' 57"
NTS 115 P12

9W48 - 2500' downst of 47
- Width - 3'
Depth - 6"
Vel. - fast
Level - av
Sediment - sand, silt, gravel
Sed color - gray brown
ppt on rock - light orange

Sample A

- below H₂O, active
- left side
- sed.

Sample B

- left side
- silt, organic

Sample C

- same as B

Noticed red flakes in sed.

X 136° 37' 00"
Y 63° 14' 5"
NTS 115 P/2

9w49 - 2200' down of 48

width - 5'

depth - .3'

vel - slow

level - high

Sediment - sand, silt

Color of water - clear

float - none

sed color - gray

Sample A

- under H₂O active
- right side
- gran

Sample B

- middle

Sample C

- left side

9W50 A (2100' from 49)

- sand, silt, organic
- 4'
- 2'
- clear
- no float
- active under H_2O
- left side

9W50-B

- active below
- mud, gray silt, organ

9W50-C

- right bank active above
- silt, sand

X 136° 36' 35"

Y 63° 14' 7"

NTS 115 P/S

June 5, 69.

landing site

- treeless

- outcrop - frost heaved blocks

- quartzite - No 51

- large irregular quartz boulders
white with some orange
tinge

left side of canyon

(looking up) 250' from
landing site large outcrop
of well fractured, and ^{thin}
very graphitic schist

- well foliated & highly
metamorphosed

73°/20° E

- heading of due north

- quartz streaks in schist

- large talus area below
outcrop

- some quartzose schist

- 1000' from landing site
large boulders of almost
pure clear white SiO₂

- show good fracture lines
on surface - 10" - 10°

1600'

- large boulders of well banded & well fractured white brown & red quartzite
- hit stream at 2100'
- no silt - flowing over ice
- float rock is composed of the above mentioned rock
- at first to junction no silt to found
- in fact no sand or gravel or bank samples
- nothing but ice (at 2500')

- start with 0 psc at junc

1227-15054
12-09-12

X 136° 16' 30"

Y 63° 23' 58"

NTS 115P/8

9W51 - 1800' from junc.

- width - 5'

Depth - 1'

Vel - 3

Level 3

Color H₂O 1

Color ppt 7

Seal Size 18, 19, 21

Float - schist, quartzite, SiO₂

Stream Area - right side

under H₂O

active

- gray brown sed

500' downstream of W51
on right slope is large
outcrop

- appears layered

- main rock is quartzite

- interbanded with wavy
schists (very shiny)

- possibly graphitic

- also with light brown
quartz veins of sweets

278°/10° W

- large blocks below outcrop

9W52 900' from June

- width 41'

Depth 4"

Vel - 1

Level - 2

Color H₂O - 1

Color ppt —

no float

X 136° 16' 30"

Y 63° 25' 10"

NTS 1157/8

Sample A

- left under H₂O active
gray silt, organic

Sample B

- same as A except right

Sample C

- same B

(100' upstream of main
stream

- 1200' downst. of junction
on right large
outcrop
~500' high
- shows layering
- strike & dip close to
that of last outcrop.
- large thick bands
of SiO_2

qw53 - 2800' from w52

Width - 5'

Depth 1'

Vel. - 3

Level - 3

Color No - 1

Color ppt -

Sed size sand, gravel, organic

float - schist, quartzite

- SiO_2

Sample A

- active below, left side

gravel, sand, silt

Sample B - silt, org

- right side

X 136 16'00"

V 63 28'40

NTS

Outcrop - 250' from W53
on right side

- possibly quartzose schist
- rock sample no
W.53

- dipping & striking generally
same as last outcrop
- interbedded with flakey
schist & some SiO_2

9W54 - 600' from 53

- on right stream or
main stream

Width - 5'

Depth - 1'

Vel. - 3

Level - 3

Color H₂O - 1

Color ppt - 3

Sed size 17, 18, 19, 21

Sample A

- below t60
- right side
- silt, organic, gravel
- gray brown

Sample B

- same as A

Sample C

- ~~same~~ left side
- silt, organic, gravel
- gray

X 1360 15' 40"

X 630 25' 38"

NTS 115 P/8

- flows over bedrock
- contains float
- schist, quartzite, SiO_2

9W55 - 100' upstream
width 9' tributary
Depth - 1' flowing from
vel - 3 east
Level - 3
Color $\frac{1}{2}$ D - 1
Color ppt - -
Sed size - gravel, sand, silt
float - scst, QRTZ
floss over same type
of bedrock as 54

Sample A

- right side
- under No 0 active
- gray
- sand, silt, organic

X 136° 15' 40"

Y 63° 28' 38"

NTS 1157/8

250' below junc. on left
right sides small mudstone
~ 50' up - veg all gone
- some bent.

X 136° 15' 50"
Y 63° 26' 05"
NTS 115718

QW56 2600' from (55-54)

width - 8'

Depth - 6"

Vel - 3

Level - 3

Color to D - 1

Color pit - ~

float - schist, quartzite, SiO₂

Sample A - mid active below gran

Sample B - same, sand, silt

Sample C - same, " "

- outcrop 1500' from junction
above 56

- large banding & wavy
pattern of schist
interbedded by less
deformed quartzite?


see No W56

- 80°/21° E

- 200' from last outcrop
is a larger one on left

- dip ~ 21°

- small patches of soft white

powdery material.
- outcrop highly deformed in
places
like  see sample
NO W56A

- some pockets of SiO_2
irregular in shape
- 100' down large talus slope
- recent
- rocks stained brown red
have white blotches
- fine with HCl on them
- see sample no W56B

QW 5.7 3000' from W56

- width 6'

Depth 6"

Vel. 3

level 3

color H₂O - 1

color opt. brown

float - schist, quartzite

X - 136° 15' 45"
Y - 63° 26' 25"
NTS - 115P/8

Sample A -

- left, under bio action
- sand, silt, organic
- gray brown

Sample B

- same as A except middle

Sample C

- same as A except right

Pickup site ~ 4000' from
WS 7

Total distance covered

2500

= 18,200

1800

= 3 1/2 mi

900

2800

2600

3000

4000

18,200

Creek begins meandering
around W 57

- spreads out
- different channels
- then flows onto open
flood plain of Stewart
River
- from landing site it
is on a bearing of
 $330^{\circ} - 340^{\circ}$

~~Sample 9W 58 (4000' from
57)~~

~~Width - 4'~~

~~Depth - .6'~~

~~Vel - 1~~

~~Temp - 2~~

~~Color H₂O - 1~~

~~Color ppt 3~~

~~Sed size - 18, 19, 21~~

~~Rock occurrence - float~~

~~Environment 1~~

~~Sample location 1~~

~~Sed color - 3~~

X

Y

NTS

Wrong
Creek

X - 136° 09' 30" June 6/69
Y 630 19' 23"
NTS 115 P18

9W58 - 1500' from landing
site (10:00)

width - 3'

Depth - 6"

Vel - 3

Level - 2

Color H₂O - 1

Color ppt - 3

Seal Size 18, 19, 21

float - schist

Active below H₂O
on left side

9W59 - 3000' from W58 (10:25)

width - 4'

Depth - 8"

Vel - 3

Level - 3

Color H₂O - 1

Color ppt - 3

Seal - 17, 18, 19, 21

float - schist

Sample A

1

1

3

3

X 1360 9' 30"

Y 630 19' 00"

NTS - 115 P/8

Sample B

1

1

3

3

Sample C

3, 1, 3, 3

9W60 - 2100 from W59

on tributary flowing
from East

100' upstream

width - 2½

Depth - 1'

Vel - 3

Level - 3

Color bD - 1

Color ppt - 3

Sediment - 17, 18, 19, 21

float - schist, quartz

X 1360 10' 05"
Y 630 18' 35"
NTS-115 P/8

Sample A

3, 3, 3 -

Sample B

3, 3, 3 -

Sample C

1, 2, 4 -

9W61 - 2100' from W 5-9
on main stream

flowing 170° (11:00 am)

- Width - 4'

Depth - 1'

Vel - 3

Level - 3

Color W/D - 1

Color ppt - 3

Sediment - 17, 18, 19, 21

float - scst, ORTZ, QU

Sample A

1, 3, 4, 3

X 1360 10' 00"

Y 630 18' 32"

NTS-115 P/8

Sample B
- 3, 1, 4, 3

Sample C
3, 1, 4, 3

Sample 9W62 2000' from w. on tributary
flowing from west. (11:30)

Width - 3'

Depth - 6"

Vol - 3

Level - 2

Color H₂O - 1

Color ppt - 3

Sed size 17, 18, 19, 21

Float - schist, quartzite

Sample A
- 0, 3, 4, 3

Sample C
1143

Sample B
- 1, 1, 4, 3

X 136° 10' 50"

Y 63° 17' 32"

NTS - 115P18

2000' from W62
QW63 - on main stream
- flowing 1900

width - 5'

Depth - 1'

Vel - 3

Level - 3

Color H₂O - 1

Color ppt - 3

Soil Size - 17, 18, 19, 21

float - schist, quartz

Sample A - 1, 3, 4, 3

Sample B 1, 3, 4, 3

samplect 1, 3, 4, 3

K - 136° 10' 40"

Y 630 17' 30"

NFS 115 P/8

9W64 - 2700' from W63
(12:30)

width - 10'

Depth - 1'

Vel - 3

Level - 3

Color H₂O - 1

Color ppt 3

Seal size 17, 18, 19, 21

float - schist, quartz, granite

active below H₂O - left
gray brown (a lot of mica)

X 136° 10' 55"

Y 63° 17' 53"

NTS 115 P/S

X 136° 11' 35"

Y 63° 17' 18"

NTR 115 P/8

9W65 2700' from W64

- Width 10'

Depth - 1'

Vel - 3

Level - 3

Color of 0 - 1

Color ppt - 3

Secl Size - 17, 18, 19, 21

float - schist, quartz, limestone

Sample A 1, 3, 3

Sample B 1, 2, 3, 3

Sample C 1, 1, 3, 3

Outcrop 1300 from 64

- reacts on contact with
ACL

- 205/200's

- might be dolomite

- on right & left

- stream flow over it

- also layered with schist

- in places it is ~~light~~

deformed

9 W 66 - 1200' from 65
- 50' upstream of
large river

width - 5'

Depth - 1'

Vel - 2

Level - 2

Color H₂O - 1

Color ppt 3

Seed size 18, 19, 21

float - SCST, QRTZ, GRANITE

Sample A

- 3, 4, 3

Sample B

3, 4, 3

Sample C

1, 4, 3

X - 136° 11' 30"

Y - 63° 16' 50"

NTS 1:15 P/S

June 7, 69

9W67 - - 2500' from
landing site

Width - 3'

Depth - - 1'

Vel . . . B

Level - - 2

Color H₂O - 1

Color ppt - - 3

Sed size - 17, 18, 19, 21

Sample A - 1143

Sample B - 1143

Sample C - 3243

~~Total dist covered~~

~~1800~~

~~3000~~

~~2100~~

~~2000~~

~~5400~~

~~1000~~

~~15300~~

~ 3 miles

X 136° 15' 45"

Y 63° 20' 05"

NTS - 115P18

QW68 - 2600' from W67
Width - 3'
Depth - 6'
Vel - 3
Level - 2
Color H₂O - 1
Color ppt - -
Sect Size - 17, 18, 19, 21
Float - schist, quartzite

Sample A

1, 1, 4, -

Sample B

1, 3, 4, -

Sample C

1, 3, 4, -

X 136° 16' 05"

Y 03° 20' 05"

NTS - 115 2/8

June 10/69

- one left beside sample W90
- talus of syenite?
see sample W90

- 1900' dist. on left
black rock see W91

- gravel in plastic bag
are fines found below
W90 & are to be panned
at camp

9W92 - ~ 500' from
90

- on trib. flowing from north
- see rock sample # W92

9W93-P - same loc. as

- 9W93:
- pan at camp

30°/60° N outcrop
at site of W 93

9W94 - 2800' from W93
- crossed tribu.
- no silt only organic
bottom.

9W95

13/6/69

On Squaw Creek

- left junction at 10:45 am
took samples 98, 99

- 9W100 - 2700' from junction
sample taken at 11:00 am

- on stream

at 3000' from junction
took came to stream

Sample 9W100

- stream flowing on bearing
60°

9W102

- on main stream at junc.
flowing ~ South
with 101.

9W103

~ 1000' from last junction
- on small stream
flowing from east.

9W104 - on main stream
- 50' above trib. }

- 600' dist. of W104
was series of small
outcrops

- left side

- see sample 9W105-1

3700' from W104

- no. 105

- creek supposedly coming
in main stream on right
side non-existent

250
3000
3000

Outcrop on right side

1200' dist. of 105°

- flat & platy

2-sec sample 9W106-1

350°/30° N.

- schistose quartzite?

- interbedded by fairly large quartz streaks

- foliation appears warped in place

- few small fractures \perp to bedding

W106 - 2000' from 105°

- appears of very large coarse grained granitic boulders with phenocrysts of plag. feldspar up to two inches

1-sec sample no 9W106-2

W107 - 100' upstream on trib flowing from west

3

down

850' from 107

- outcrop on
T left. 4'

SoF well fractured
coarse grained granite
- large Feldspar phenocrysts.
- see sample 9W1063

Ind.	1	4
	2	1
	3	3
	4	5

Outcrop on right
w 1200' down st.
of 107

- has dike like
appearance.
- very coarse granite
- near vertical fracturing
- see 9W108.

360 50%

2000' dam like object
on creek



- old prospectors shack
- calendar on w door
- dates on calendar

F.W. Mar 19, 1961

June 14/69

9W109 - on trib flowing
from north

9W110 - on main stream
- 100' above junction

9W111 - 1/2 mi dnst.

9W112 - 1 mi from 110
- on st from E.

9W113 - on main stream

9W114 - 1300' dnst. of W113
- on trib flowing 80°

9W115 - on main stream
flowing 200°

9W116 - 1/2 mi from W115
- flowing 200°

400' downstream of
W116 on left side
- outcrop of slate?

see sample no

9W117, & 9W1172

150°/30° N
 - very platy
 - bent in places

W117 & 118

W117 - trib flowing from east
 -

W118 - main stream flowing
 - 160°
 - ~ 1000' from W116

W119 . ~ 1000' from last
 junction
 - on trib from 70°
 -

W120 . 100' above
 junc. on main
 stream flowing

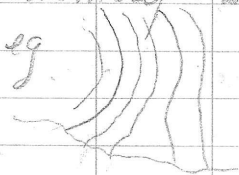
9W121 - 2600' from 120
- see sample 9W121 &
9W121.2

outcrop on right side
500' dist. of W121
- see 9W122.1

70°

south dipping

- appears to be massive chert beds
- hardness $\approx 5\pm$
- beds in places are extremely bent



9W122

- 1/2 mile from 121
- valley widening
- some outcrops still visible on some ridges

- large outcrop on left
~ 8000' dist. from

- breaks in cubes or
rectangles

- sample w/23,

- vertical faces

- strike 60° } bedding

- dip 50° N

- fracture parallel & \perp to
bedding

W123

- 3100' from

Pickup Site 270° from W123

- $4\frac{3}{4}$ m

8500' from W123 to Hamilton
Creek

Total Distance of traverse

5000

3600

17700

2600

2600

19800

5200

2000

37800

1300

3100

8500

2600

1000

19800

17700

June 15/69

short outcrop near
landing site

$112^{\circ}/10^{\circ}$ W

10° W

- see sample 9W124,

- chert interbedded with
slate

- outcrop on right ~ 700'
above junction

- 50 x 100'

- talus

9W124 - on trib from
north

9W125 on main stream

50' above junction

~~9W126~~

- talus on right side
~ 2200' dist of

W128

- see sample 9W126

9W127 - trib from 900

- $\frac{1}{3}$ mi from 126

W128 - on main stream
-30' above junction

W129 - on trib from 120°
-float is chert
-900' from 128

W130 - 400' dnst of W129
-all ice at 1/2 mi mark

W131

9W124 - 137° 42' 30" ✓
64° 09' 55"

9W125 - 137° 42' 20" ✓
64° 09' 54"

9W126 - 137° 42' 40" ✓
64° 09' 30"

9W127 - 137° 42' 59" ✓
64° 09' 08"

9W128 - 137° 43' 00" ✓
040 09' 10" ✓

9W129 - 137° 43' 10" ✓
040 08' 55"

9W130 - 137° 44' 30" ✓
040 08' 22"

9W131 - 137° 45' 30" ✓
040 08' 01"

June 18, 1969

9W132 - on trib flowing from
south

9W133 - on main st. flowing
east

9W134 - on trib from 210°

9W135 - on main st. flowing 190°

9W136 - on trib from SW

9W137 - on main st. flowing
from 320°

Outcrop at junction of 136-37
 $260^{\circ}/41^{\circ}$ N - slate

9W138 - on right stream
flowing from 360°

9W139 - on left stream flowing
from 310°

9W140 - on trib from 220°

9W141 - on main stream
flowing 140°

9W140-P - panning sample
- on trib 500' upst of
9W140

9W142-P - panning sample
- 1500' above junction
of samples 9W140 & 141

9W142 - on main st. 30' below
junction

9W143 - on trib from 230°
- 50' upst. of junction

9W144 - 1/2 mi upst. of junc.
of 142-43

9W145 - main trib
- 2500' above 138
- outcrop - left side
380° / 32° N - sheet

Outcrop on left side
2000' upst. of camp
- slate. 107° / 78° N

Thurs, June 19, 69

9W146 - on trib flowing
from 50°

- 100' upst. of junction

9W147 - on main stream

9W148 - on small trib from
left at 260°

- ~ 900' upst. of junction
of 146-147

- float - chert & slate

9W149 - on trib from left at 270°

9W150 - on main st. - 20' above junc.

9W151 - on trib flowing from
left side at 290°

9W152 - on trib from right
at 100°

- flowing over bedrock of
chert $106^{\circ}/62^{\circ}N$

- outcrop of same on left
side of valley.

9W152-P - panning sample

- ~ 300' above 9W152

9W153 - on stream going right
- flowing from 40°

9W154 - on left stream
flowing from 320°

9W155 - on left fork of left
stream

9W156 - on right fork of
left stream

9W157 - left fork of right creek

9W158 - 1st right of right stream

$102^{\circ}/42^{\circ}$ N - outcrop chert
100' dist. of 154-53
junction

9W158-P - panning sample
- located on main stream
at sample site no. 149

Friday, June 20/169

9W159 - on trib on right side
from 45°

- red-brown stain on ice

Sunday, June 22
169

9W168 - 500' dnst of base
camp.

- stream flowing on
bearing of 300°

9W168-P - panning sample

9W169 - on trib from left
on bearing 90°

- \approx 1500' dnst. of camp

- main st. bearing
 300°

- float 80% porphyritic
granite?

or syenite

see rock sample no

9W169-1

- also chert - white & gray

- 0 paces from 169.

9W170 - 530 paces from 169

- 1300' from 169

- 2800' from camp

- trib from right at 1200

- float-granite, reddish stained rock near

source.

9W121 - on main stream

- flowing over bedrock of red stained rock.

- see sample (rock) #9W171,

- bearing 300°.

- red stained rock appears to be chert (gray)

- when broken has bright surficial colors - like bornite

- some mineralization visible in sample 9W171,

- two claims - few hundred feet back upstream

- "Gold Claims" June 7/69 by Nelson.

- bedrock 300°/24° N

9W172

- on trib from right at 200°
- 500' downst. of 9W170
- float granitic, chert, quartz
- 3300' from base camp.
- main stream on bearing 320°

9W173

- 3500' from camp
- trib on left
- bearing 90°
- flows over bedrock of chert?
- heavy red stain

9W173-P - panning sample
- same area as W173
- see rock sample 9W173,

9W174-

- 3900' downst. of camp.
- left trib - bearing 90°
- bedrock chert.

9W175 - trib from left

- 2 mi dist. of 174
- float - chert, limestone?
- some layers in rocks seem severely weathered
- see rock sample W175,
- also some porphyritic syenite?
- limestone W175,

9W176 - on main st above junction

- float is granitic + chert,

9W175-P - panning sample taken in trib of 175

- 5400' dist. of base camp.

Outcrop of ? 900' upstream of trib of sample 9W175

- 300' - 100' - limestone
- layering seen - some weathered more than others
- possibly limestone
- 280° / 14° E ?

9W177

- 1500' above junc. of 175-76
- float - see sample # 177,
- phyllitic limestone

9W178 - tributary from
right at 220°

- forks about $\frac{3}{4}$ mi up,
- 3100' from 175-76 (8500')

9W179 - on main st. flowing
 300°

9W180 - trib from left at 60°
- 500' dist. of W179.

9W181 - trib from left next
to base camp
- from east
- mostly granitic type float
- contain large feldspar
phenocrysts

June 23/69

- $\frac{1}{2}$ mi upst. of stream from
left near base camp.

182-185 - on trips into
lake.