841863
Ralph M-511

b FNGR ANDS FLOW (tiny FD)
a PORP ANDS FLOW (huge FD)
DIKE
d ANDS ASH TUFF
1
c ANDS LAPL TUFF
f ALTR ANDS TUFF
e MASS DACT DIKE

BAND CHAL VEIN
MASS JASP VEIN?

a CSGR MASS GRDR
2
b FNGR MASS GRDR

13 BEDD ANDS ASH TUFF

14a FNGR ANDS FLOW
b PORP ANDS FLOW

15a MASS CSGR GRDR
b PORP ANDS DIKE
c MASS FNGR GRDR

16a FNGR ANDS FLOW?
b ALTR ANDS TUFF?
c " " "
d " " "
e " " "

17a FNGR ANDS FLOW
b MASS DACT DIKE?

18a ANDS ASH TUFF
b CSGR GRDR DIKE?
c ANDS LAPL TUFF

19a ALTR PORP ANDS
b BAND CHAL VEIN
c " " "
d MASS JASP

51182-S001

Sunny, warm — June 12

Ralph claim
south flowing stream
reconnaissance
sediment

dark brown
10% organic, 90% sand
wet
6

35 cm
1 m
medium
moderate

S002
same as S001 except black and 80% organic, 20% clay, 10% silt, 70% sand

S003
same as S001 except black and 100% organic

S004
same as S001 except 20% organic, 10% clay, 10% silt, 40% sand, 20% gravel

S005
same as S001 except medium brown, 30% silt, 70% sand

S006
same as S001 except 10% organic, 10% clay, 10% silt, 60% sand, 10% gravel

S007
same as S001 except 10% organic 90% sand 10% gravel

S008
same as S001 except 10% organic, 40% sand 50% grav

SD09
Same as SD08

SD10
same as SD02

SD11
same as SD01 except medium brown, 20% clay, 30% silt, 40% sand, 10% gravel

SD12
same as SD01 except medium brown, clay ~10%, 40% silt, 40% sand, 10% gravel

5182-13
Sunday, hot — June 12

BEDD ANDS ASH TUFF

mm gy

f-m gr

ASH TUFF w rou FD grains

BEDD w beds ≤ 5 cm by grain size

ANDS (JOIN) w FD, CL, Magn.

minor GO FXCT

14

14a ANDS FLOW BAND + PORP

bk

aph, FD phen ≤ 1mm, disc bands w
dk core, lt rind ≤ 2cm long & ½ mm
PORP w FD phen, BAND w disc, wavy bands
MASS, JOIN

ANDS FLOW

min GO FXCT

14b

PORP ANDS FLOW

dk gy

matr aph, FD phen ≤ 2mm

PORP w FD, rare HB? alt to CL mean

MASS, JOIN

ANDS FLOW w FD, rare HB → CL

HB alt to CL, min EP VEIN

15

15a MASS BSGR GRDR

wt - pk - gy - gn

cs gr

eggv

MASS, JOIN

GRDR w PL, OR, HB, Q2

min qty FD → CY, HB → CL,
min EP, CL VNLT

15b PORP ANDS DIKE

sim to 14b

15c MASS FNGR GRDR

sim to 15a and 14b! except
OR VNLT, OR, DZ in MATR

16

16a FNGR ANDS FLOW

sim to 14a but no PORP, PAND and min GO, HE FXCT, magn!

16b ALTR ANDS Flow

wt - gy - gn - ry! - rd

mmgr

eggr

MASS, SOIN

mod alt to CB(AK), CC, HE, GO ut magn!, mod AK INLT

16c ALTR ANDS FLOW?

sim to 16b but more alt to AK, GO, HE, CL, EP min Q2(CD) INLT, mod AK INLT

16d ALTR ANDS FLOW

Sim to 16c

spare sample

16e - ALTR ANDS LARL TUFF

S1182-17

cloudy, warm - June 13

17a MASS AND FLOW

dk gy

aph

eggr

mass, join

dinds - hard; magn, sim to 16a but no hand, perp

min go fxct, he

17b MASS DACT FLOW? DIKE?

ph-gy

fn gr, OR phen < 2mm

Porp w OR phen, GL spots poss alt HB?

mass

Dact? w OR, CL

diss py ≤ 1%, mod go fxct

Band only!

18

18a - FNGR ANDS TUFF?

mm gy

vf gr

lggr

mass, join

ANDS ω tiny FD, BT, magh

nim go fxct

18b CSGR GRNR DIKE

wt-bk

mm gr

lggr

mass, joint

GRNR ω FD, BT, HB, magh

nim go fxct

occurs as irregular "replacements"? veins?
in 18a two places ± intrusive!

18c - ANDS LAPL TUFF

dk gy

vf gr matr, lapl frag ≤ 5cm

lapl tuff

mass, join

ANDS w ands, dact, qtzt frag, (chlr)
porp ands! hard fngr ands!
min QZ vein, CL valt w blch envl

19

19a - ALTD PORP ANDS

wt-brn

fn gr, phen ≤ 5mm

Porp ≅ FD, HB? or frag?

mass, join

ANDS, magn

maj alt of FD → CY, HB? → CL

19b - BAND CHALCEDONY VEIN

2 x ≤ 5cm,

rare brwk w Mn stain @ contacts

19c BAND CHAL VEIN

3x ≤ 10cm

2 generations; early wt, late cr w HE sel, CL band, both brec host rock

192 SASL

rd, 1 piece found in fill on o/c

SAMPLE NO 0049
SUNNY DAY JUNE 12/82

AREA - Ralph Cl Aim
LOCATION - West flowing CK.
TYPE sediment.
STATUS - Recon

COLOR - BROWN
TEXTURE - 60% GRAVEL 40 SILT
PH - 7

DEPTH - 15 cm
WIDTH - 1m
LEVEL - Low
RATE - med.
0+00

#0050 - 5+00
COLOR - BROWN
TEXTURE - MUD
PH - 7
DEPTH - 10-15 cm
WIDTH - 1m
LEVEL - L
RATE - S-m

5+00 (DUP)

0051 - Duplicate of 0050

Color BROWN
Text MUD - Organic
PH 7
Depth 10-15
Width 1m
Level Low
Rate S-MED.

0052 (5+00 TRIB - SWAMPY)

Color - BROWN
TEXT - MUD/SILT
PH - 7
DEPTH 5cm
WIDTH 1m
Level Low
RATE - SLOW

0053 -

Color - BROWN
TEXT - GRAVEL/SILT
PH - 7
DEPTH 5cm
Width 1m
Level Low
Rate S-Med

0054
COLOR - BROWN
TEXT SILT/MUD
PH 7
DEPTH 20 cm
WIDTH 1m
LEVEL LOW
RATE MED.

0055
COLOR - BROWN
TEXT SILT/MUD
PH - 7
DEPH - 25 cm
WD - 1m
LVL - MED
RT - MED

JUNE 13, 1982
AREA - RALPH CLAIMS
Type - Soil Samples

0057
color - BROWN
Horizon - B
Depth - 8"
Texture - 70% silt/30 clay
Slope - Low

0058 -

color - BROWN
Hrz - C
Depth - 6"
Texture - 50% silt 30% clay 20% gravel
Slope - Low

0059 -
col - BROWN
Hz - C
Dth - 8"
Tex - GRAVEL/SILT 50%
Slope - Low

0060
color -
Hz - SAME as above
Dth -
Text -
Slope -

0061

col-
H2- SAME
Dpt-
Text-
Slope-

0062

col-
H2- SAME
Dep-
Text- as above
Slope-

0063
color BROWN
H2 E
Dep. 8"
Text. 50% SKT 30% clay 20% GRAVEL
Slope LOW

0064

color
H2
Depth Same as above.
Text
Slope

0065

color-
H2 Same
Dep-
Text.
Slope.

0066

color.
H2
Dep. Same.
Text
Slope.

0067- SAME

0068- SAME

0069- SAME

0070- SAME

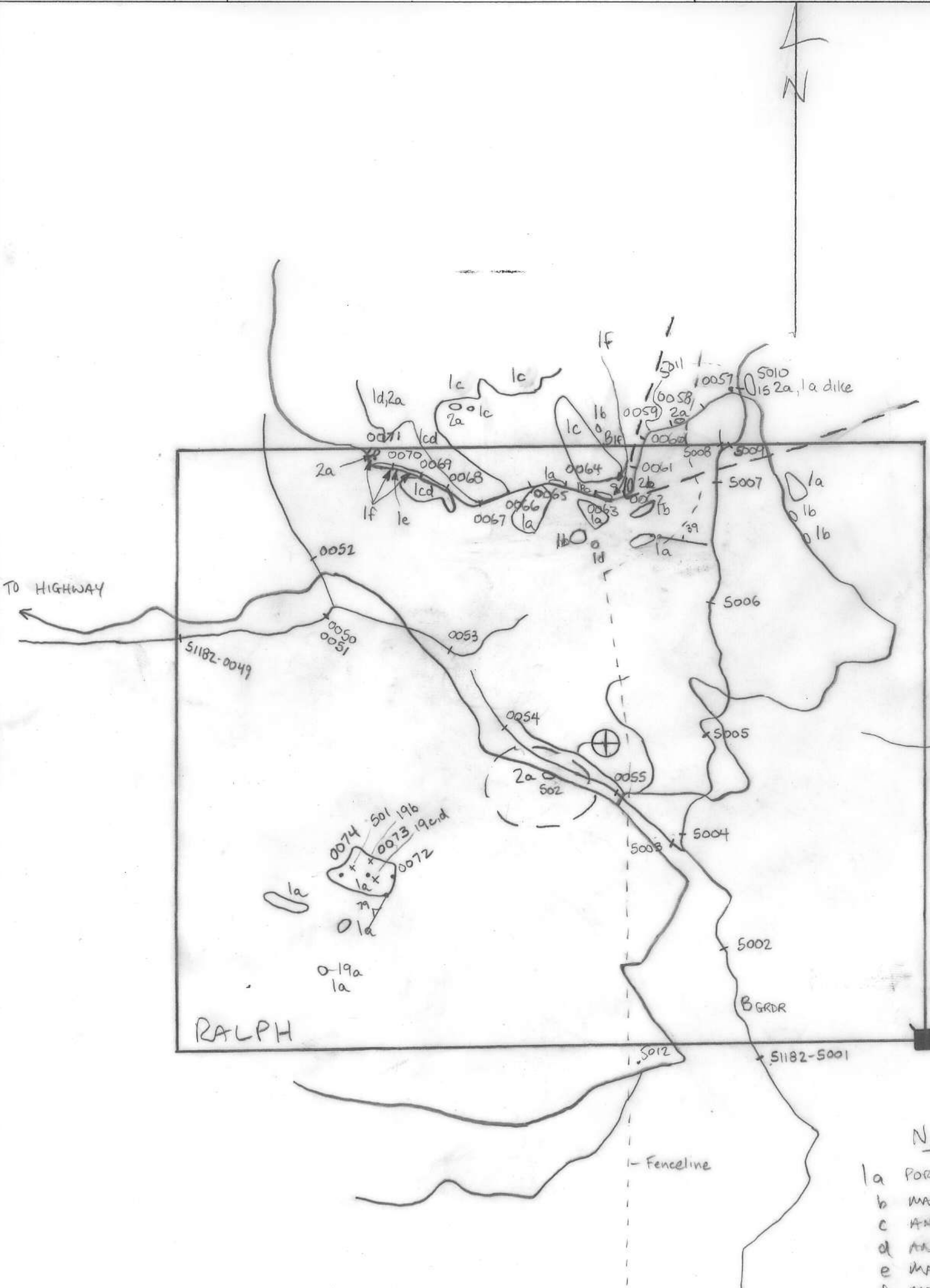
0071- SAME

0072- color- BROWN
Horz- B
DEPTH- 8"
TEXT.- GRAVEL 50% SILT 50%
Slope- LOW - FLAT.

0073 - SAME AS 0072

0074- SAME AS 0073

Project M511	NTS 92 H 15	Scale 1:20,000	Page of	Traverse
Sampler BC, SM	Location, Target (words) RALPH CLAIM - Geological and Geochemical Reconnaissance		Sample Nos 51182-13 to 19, 5001 - 5012; 51182-501, 502, 0049-0074	
Date JUNE 12, 13	photo no.		Cert. Nos PHOTO OVERLAY BC 79124 #206	



Nicola Group?

1a PORP ANDS FLOW
b MASS ANDS FLOW
c ANDS LAPL TUFF
d ANDS ASH TUFF
e MASS DACT DIKE
f ALTR ANDS TUFF

Coast Intrusions?

2a CSGR MASS GRDR
b FNGR MASS GRDR

NOTE 0056 was rock = 501

NOTE should switch 1 and 2 in legend

ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

BC11 6662a--CSM

ATTITUDES (∠100/40 N)

GOSSAN, MINERALS — INTRUSIVE — LIMESTONE DOLOMITE — SHALE — CHERT — CONGLOMERATE — VOLCANIC — SANDSTONE SILTSTONE

SILT x SOIL ● ROCK ■ PAN △ WATER ○ SPECIMEN SITE A, B, ...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED ....

Project	NTS	Scale	Page of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date	photo no.		Cert. Nos	

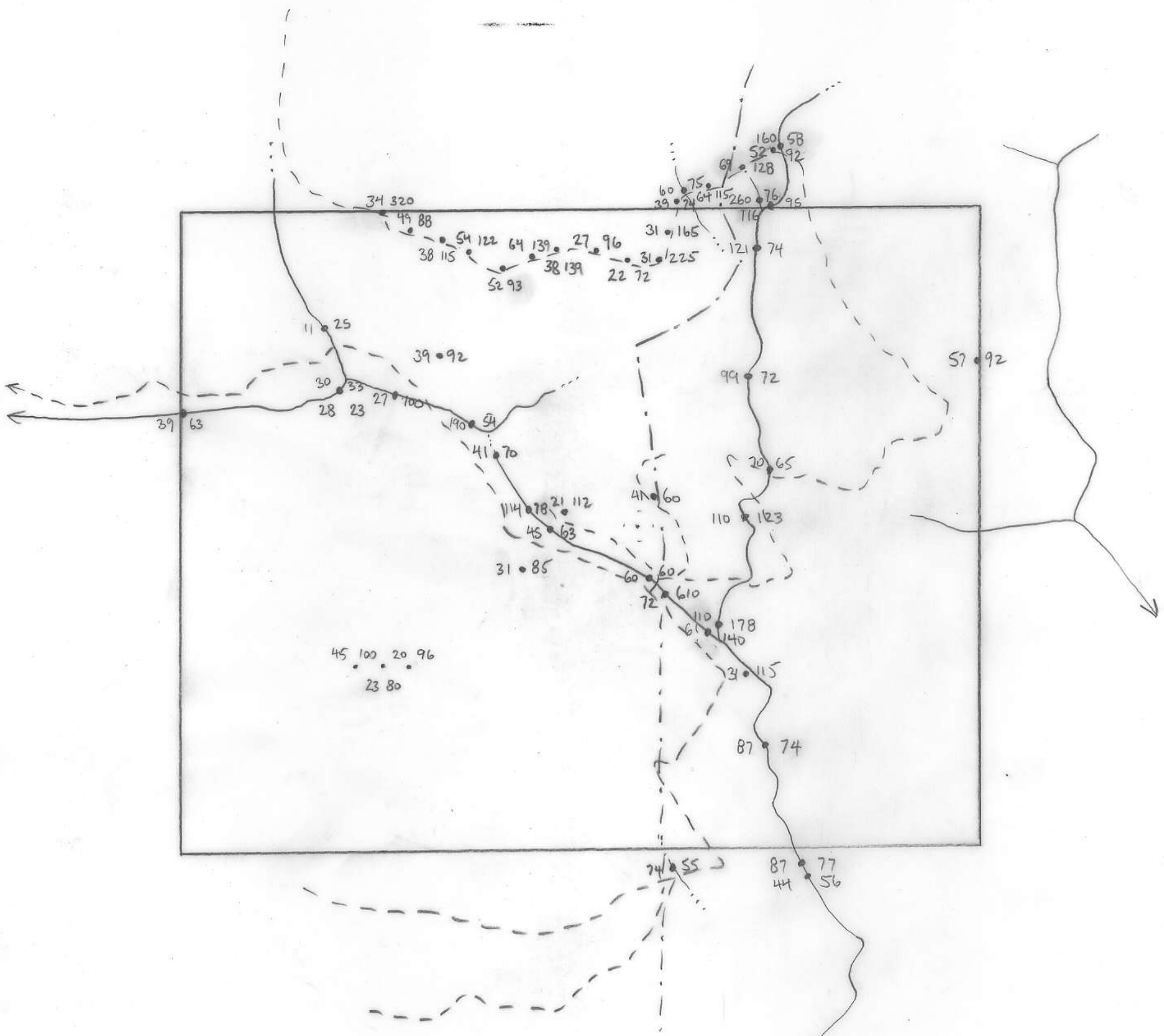
BCII 6662a--CSM
ATTITUDES (100/40 N)

INTRUSIVE LIMESTONE DOLOMITE SHALE CHERT VOLCANIC CONGLOMERATE SANDSTONE SILTSTONE GOSSAN, MINERALS

SILT X SOIL ● ROCK ■ PAN △ WATER ○

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED .....



GEOCHEM: Cu Mo Pb Zn U W   ASSAY:

	Cu	Ag	Zn	
0053	(190)	0.3		SI SA GR
5008	(260)			10 OR 40 SB 50 GR
5010	160	0.3		50 OR 10 CL 10 SI 20 SA
0062			(225)	SI SA GR
0071			320	CL SI SA GR
TS320			610	CL SI