

821051

Steve.
NORTH FORKS I

"Rite in the Rain"

WEATHERPROOF
FIELD BOOK

No. 350

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes $1\frac{1}{2}$ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

liquid discharge

~150 on page

(1960nd) - AF-184

~~pillowed and setos. e~~

~~chloritic + carbonate~~

~~schlieren, epitaxial~~

~~lyell, fanning.~~

~~apparent dermot~~

~~injected, radiating on upper~~

~~half of pillow~~

~~see SF-159~~

10

201

092H/15

July 29/83.
FRI, FRIDAY
P. POSITIVE

PLACED

-traversing up road
across Malwood Ck (north
of Deer Lk.), East of
Harrison Lk.

Map 92H/5.

Photos. BC7471 (198-202)

- LCP at jctn of Malwood Ck.
↳ road.

65648

STOLICUM.

DAVID H. HEINO

for self.

FEB 20/83

N 4 , W 5

STA. A.

- o.c. at end of rd.

at (1175 m. el)

A schistose intermediate
unit (typically out
side (feldspar?) fragments)

40
|-----| 004

however some felsic
clasts (clayite) up
to 5 cm (sparse)

- abundant 1/2 cm lenses
of chert.
- calc + chl + talc etc.
- schistose along bedding.

NF-201
SF-160

509m

36
103

- phyllic inf. tuff?
- talc-chlerto.
- folen along compositioned
bedding of thin laminae
on order of 3-5 mm.
(along vein)

NF-202

3.

664m. o.c. of phylloids
 Capillary tuft $\frac{1}{2}$ - ch + calc
 c frags flattened ~ 2-3m
 X up to 5 cm.
NF-203

- bedding same as previous.

812 - schistose n.p. tuft
 gnt size frags (felp?)
 strongly fol c
 musc. $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ + che.
NF-204 SF-161

1075. join to upper rd. SPA \leftarrow
 reset to zero.
 - thin sil clay line
 working up hill ch. H.



490m at quarry
counts of tabbed
truffy argillites, quartzite
& rhyolite (resembles
darker quartz porph.) chlorite
is up to 5% den.

yes!
after quarry

see st-162.
problem or quarry.

NF-229

BCS-483

640m

NF-205

- prob. a sheared
Baltica after
deglaciation

prob. glacial
on quarry
(int.)
int. - buffaloon? of
f.g. - my. and.
can see odd str. + folds
frames up to 6m
see LF-162

1019
1.50
092

phyllites int. buff?
poss flinty sand.
frame all + tale -
PNE-206

5

1212. end of day at
X large quarry.
Sta D.

203

July 31/83. 6

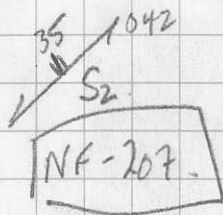
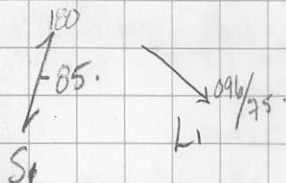
5. FRIDAY

C. VAN DIJK.

plotted

119 m

75. 150 (dyle)



= traversing rd. below
North Fork showing.

- air photo. BC 3004-263
sta A

- o.l. on left.

A ~~strat~~ schistose
int - magc

vole. ~~effusion~~ ??

is not seen along
cleavage planes.

bluish calcareous congl.
(act.?)

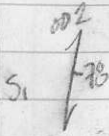
- dyles of magc
comp. alcaline.

~ 1 m wide int.

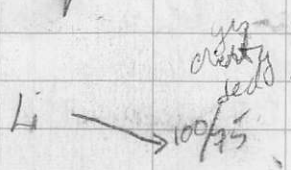
- vole. pass grades
into metased. to

N as more felsic
seen in me. but vs.
vnl.

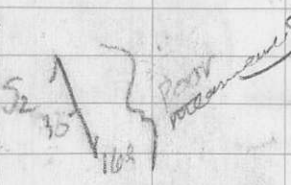
332m



- o.c. of rocky outcrop
thinly laminated??



crystal
sed
gtz - biot ± chl. ^{Just sed?}
= graphitic partings. ^{see SF-164}
- laminae on order of



1mm however appear
sl. cross-cutting one another
with anorthopy
poss 1 segm
- shear zone.

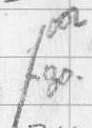
mm 142



- rock almost appears
to be a bedrock.
Chert lies in down side
becoming more rhyolite to
NE

STA B.

444m



oc. just at main bridge
over North Fork Cl. (in Cl bed)

of interbedded biot-musc
gtz - all slants E
bedding E ^{die} cherty horizon (2-3 in)
E a 2-3% rhy + pb. diss

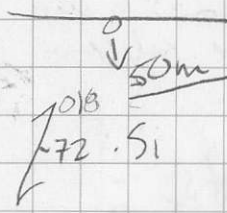
BCS-484

SF 165
poss coming

- also from lining units
 now dom. g_1g_2 + Ed +
 $gn + b_{1st} + px$ + $2-3\% py + ps$
 however one layer =
 30 cm wide pass. marker
 horizon

- blue mineral = kyanite?
 present in minor parts
 in horizon i $gtz - b_{1st} - px$?

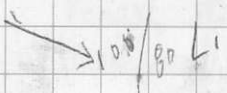
X



41.8

o.c. clay strike i
 direction -

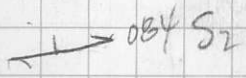
- down $gn - gtz -$
 b_{1st} schist



poss pyx

- E sulphide rich

layers in pale
 green intercalated
 (diops?)



up to 10% $py + ps + cp$?

X

see SF-146

NF-230
BC5 485

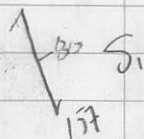
9

421

350m

join. \bar{c} rd. to left.
sta C

4225

500m

→ 600/70 L1

G.C. on left
of \bar{c} - b. of \pm mass +
in sect. \bar{c}
of \bar{c} boundaries stretched
elongate along L_1
 $\approx 3:1$

py \pm pa 2-3% diss
in more siliceous
layers.

4229

540m

G.C. on left of
b. of - in \bar{c} sect.
 \bar{c} - cherty horizons / boundaries
+ 1-2% in
roughly \bar{c} thing.

42.40

650m.

025
F84 S. / S₂?

o.c. on left.

biot - ~~gt~~ schist

± schistose chl.

alb ± ~~gt~~? (metavolc ??)

± act

- Kirk-banded. $\bar{\epsilon}$

highly deformed $\bar{\epsilon}$

~~gt~~ vein/boudins.

no consistent measurements

NF-208

42.53

780m.

stad.

o.c. on left.

026
F85
S₁/S₀

thinly laminated

gt + bio schists $\bar{\epsilon}$

more quartzose dirty

sandstones, sulphide

pyrites along

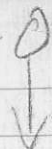
discrete horizons -

constant direction

kirk banded

SF-167.

4255



(11)

4278

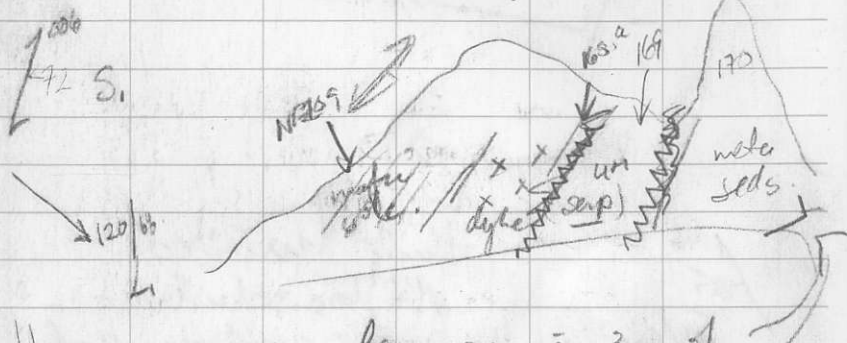
250 m - clay line NS

4323

670 m - clay line NS
sta E.



○ STAFF to north of bench



72
175
dyke

large o. i. 3m of
magma hole
chlorite brecciated

38
156
S₂ fracture
closure

by a. fs - mg.
debris. dyke
to (2m wide) i
smaller parallel

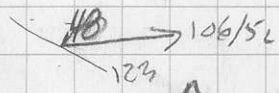
L₂ 120/A
cementation

app. phases appearing
to be vermicite / sph. /
matic dikes.

- sequence in stream c
- a. 3m wide sapwood
- (um) employed foliage
- on for side of 5-10 m
- If laminated $\frac{1}{2}$ - 1/2
- propagate seeds (maturest)
- susceptibility depends to
- vertical c proximity
- to stream.

NF-109

O.C. on SW side of bridge
down. maple vol. with
a fold axis as per

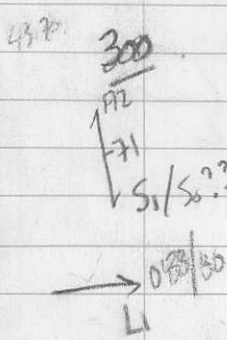


is the more plian
trunking end -
a shear zone.

NF-110



4370
 150 clari fine EW.



o.c. on left of schistose matrix - just volc? tuff? very calcareous c. act. along cl. planes, poss polyphycolites or phenos. of fels. See SF-171 for slab. - 2% py cels.

NF-211

4200 400m o.c. at stream crossing of matrix to mt. calc. with porph. - e-felds phenos. up to 1/2 mm - crystal tuff. or gritty fragmental tuff or both. c. 2-4% py as blebs (frag?) prod. m.g. crystal tuff. (gritty)

SF-172

100 S1
 174
 BCS-4861
 NF-231 ★
 ★

44.10 700m o.c. on left in ditch.

Si. Fos
1174

bio-gr. - to sediment + calc?
(from float appears
crumpled however
unable to get reading
as poor o.c.)
gr. ambidental & stretch
slightly. up to 2cm across.
see SF-173.

44.2. 800m stand of logged area.

44.15. 850. sta C. rd to left.

44.55. ↓ 300m o.c. on left in ditch.

Si. Fos
1175

black phylloids agillite?
sl. zoophytic, rusty
cutting. c 2-3% py
as black and shiny laminae?
- pink
gr. up to 1mm. & 2-3%
see SF-174

is

46/8

430m

o.c. in ditch so left.

7³⁰
S. 1175

of shaly laminated (?)
tuffaceous siltstone, plattina
reddish yellow, 1-2% sp
dis.

45 51

750m

sta. H.

o.c. to left & right

NF-212

1
166/90

to right is chert, sil. carbonated
(fuzzy)
laminated (tuffaceous) int
to major vol. is

siliceous sponges / boulders
(mass recast. chert?)

to left is fissile bed -
get section.

203

AUGUST 1/83

S. FRIDAY

G. DAWSON

plotted

- continuing previous days
traverse, starting at
station I.

O

↓

142.

↙ 80°
↘

160

o.c. on right of fissile
magi volcanic
basalt? sand? &
amalgam chert. congl.
stretched. clastic.
& act. lathes along
dip-slip planes. & minor
biotite

NF-213

213

↙ 80°
↘
180

o.c. on rot. of platy
to schistose into magi
vol. & probable
difficulties component
(all high?)

mm - highly indurated, appears
dressed.

NF-214

329

03²/50

58 ↗ 067

s.c. on ref. of dom.
 graphitic amphibolites
 schists, & subordinate
 mafic - to int. zone.
 - highly sheared & contorted
 & a slightly overthrust
 fold axis. (as per

NF-215

to be found

continuing along on a
 series of highly sheared
 & folded metaseds
 (graphitic siltstones) + subordinate
 mafic rock. (usually
 carrying minor go up to
 5% of carbonates) &
 several subparallel faults
 as per

- continuing along s.c.
 struck by number of
 consistency of faults
 all subparallel to parallel
 & closely spaced a 5 m
 apart.

022
80+90

- again rock types dom.
by gneissitic (in gneiss) schists
i subordinate gtz ± lsol +
pyrite schists. i lesser
ants. of volc. - mafic, chlorite
& schistose.

425 m - here a sheared chlorite
unit of gm - px ± calc.
rock (metavolc? skarn?)
i acc. po 1-3% + trace

SF-175



sp. mal. adjacent to
another shear the opposite

BCS-407

side a narrow lens

NF-232

of sheared pyroxene.
how almost entirely
falc.



- nb. len. 10 m. shy of
major stream / bridge over
North Fork.

490

Bridge
sta J.

X

0 m.

- followed stream upstream
for ~ 100+ m. \bar{c} initially
a chert conglomerate, rounded
clasts up to 5 cm then
a structured chert layer
poss lapilli tuft? see SF-176
then a rather monotonous
sequence of highly indented
& sheared ribbon cherts,
& serpentinite / pyroxenite
ultramafics. now talcose.

#177

BCS-408
NF-233

- in stream bed ~ 100 m
up several large angular
boulders of basalt or
w/ now largely act./pyx?
c.f. mag. \bar{c} 1-2% contained
* \rightarrow \bar{c} + 0.5% po. SF-177

also ones
A fragm.
frag to po \bar{c} + pyx
SF-178

BCS-489
NF-234

- approx. 10 m further upstream
again several large (up to
2m across) angular blocks of
mag. \rightarrow w/ \bar{c} up to 3-5% cp
as streaky beds across rock.

SF-179 [BCS-490]
NF-235

occurs beneath slide chert
to left, obviously somewhere
up above if \bar{c} .

- can find in outcrop
minor amt of cp. (<1%)
+ 2-5% po similar to
previous (incl staining)
So in right area!
- more prospecting required
as can see a large
gossan cliff a further
50-100 m upstream.

~~90m~~
90m

large continuous o.c.
of shelled & feldsp.
magnetite - um. rx

- several rusty zones
carrying iron. 2-3%
po & minor ac.
cp (<1%).

- sample of chert
shelled magnetite rock
po & magnetite (could
be um.)

SF-180

[NF-216]

190 m

- delimita major vales
& activated latter

000
85 (S1)

along cleavage planes

- pct = 20% dis and

as seams along

slip surfaces.

- gtz separation as heavy
(mass film frags...)

- NF - 217

→ 006/74(L1)

45 150 (S2) poorly developed:

- o.c. grades to 5w.

m 6 gtz - best ± ju
short.

252 m

as previous however folded

showed & several

subparallel hull gtz

occurs up to 15 cm wide

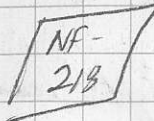
? 4 m long.

[Handwritten signature]

387 m

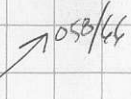
- o.c.m. ^{right} of schistose mafic - but left

(S₁)



i. gtz ± up signs poss due to breakdown of more felsic component

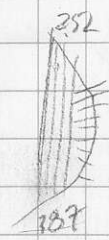
(L₁)



- actinolite laths up to 6 mm long developed along cleavage surfaces

- give several gtz vari subparallel & up to 10 cm wide roughly along cleavage plane

prob same ~~as~~ rock as previous along strike



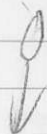
345

- flagging to ~~top of~~ clear line

338 -

at rd up hill to right of K.

X



starting to pull again
from 5th K.

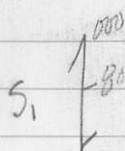
S16

- road on left leading
down to creek

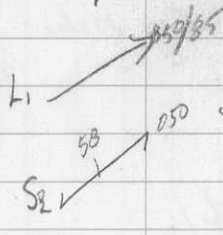
627.

- a station L. large
creek \bar{c} on both
sides.

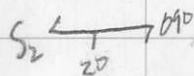
NF-214



- mafic color dark green
slaty fissile.
- the σ_1 act.
- unrelaxed.



} fracture set.



- fracture cleavage.

- becomes brittle downhill
(11-5).

starting to pull at 300.

201

August 2/83

S. FRIDAY

P. POSTER

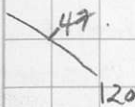
Probed

Richard Ch.

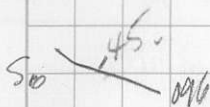
- continuing traverse of
3 days ago from quarry
at Station D.



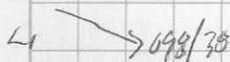
- quarry - 30 m x 30 m
It contained black
granitic gneiss, mostly
with thin & narrow
clon py, poss. different
comp. as pale green
layers sparsely dist.



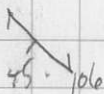
116-140 m



o.c. of interbedded
int. mafic tuff, up. tuff!
to "capite" / "bone" } 6x!



sized fragments
stretched 15 cm long
in interbeds of massive
crystal. tuff in sandy
fels. for sh. -



my. matrix

probably 20 m thickness section
INF - 220

SF - 101

- previous o.c. some beds
 resemble pillowed flows.
 4 pass. some of the
 lapilli tuft could in fact
 be gillies by see slab!

211 m

45°
 S1

110/30

4

prob.
 tuft
 but

all of it to mafic
 crystal tuft is occasional
 bowl sized porph. ^{mafic} ^{oxide}
 fragments

- vugs - i.e. + massive
 tremolite. radiating
 crystals up to 3 cm long

TNF-221

224 m. sta E. at junction
 branch rd.

X

o.c. to right of previous
 2 o.c.'s had along
 strike.

6

↓

63

- o.c. of lapilli fuff interbedded
with gully contact
buff, mottled, folded
same as previous.

NF-222

SF-182

230

sta F. of gully
branched.

X

0

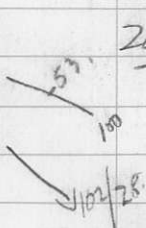
↓

60.

~~o.c. on rt. of no~~
~~either mag. - eg. of buff~~
~~or mag. intrus. or gabbro?~~

poss → sphere! / know altered to ept mass
+ chert + talc app. gabbro
see SF-183 | NF-223

226. o.c. on rt. of mt to
 magic tuft poss
 frozen? c. 1-2% py ± po.
 chert. chert.
 INF-224



204 mi. - 10 m long o.c.
 of thick bedded
 tufts, /upilli tufts.
 2. poss. xl. tuft.
 well bedded. i
 well developed lincosion
 INF-225

315. Sand. o.c. poss
 pillows i pillow box?
 kink-banded & sheared.

334 - same o.c. det.
 int - magic tuft
 sheared.

425m

oc on mt J

int - n. side. pass

subfossil. to 1/20

~~clay~~ (mostly w. clay)

- ~~clay~~

NF-226

1-20 ps
as stretched
blades along
John.

515m - stretch

547m. o.c. of fragment. int to
n. side. stretched
clay up to.

Tuff by:

30 cm long, pass fossil
pillow by

NF-227. Chlorite

662m - o.c. of int to n. side

607
7034
G. Adams

T. by.

fragments
long

500
shaded
int. side
SF on
web 34

NF-228

725

503

764

vesta B

X

0

↓

~~2 30~~
0

sta. H

↓

460 fwh
~~X~~ +

↓

248 +

6.0 of propylate unbalanced
on left side - set back
right

304 +

sta I lunch spot

quarry of 513

O.L. in large stream
halfway

↓
d/d Richard Ch.
Smith

1/10/201

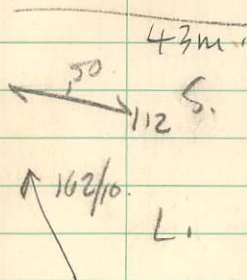
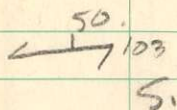
AUG. #83

SIFRIDY

C. VARI DIJK

- Traversing up Ruby Ck, crossing divide to Mahood Ck (E)
 - commencing at station A.
- photo BC745 # 199.
71
@ 1030 a.m.

On a.c. 10 x 10 m. of interbedded
 silt to mafic tuffs &
 sills of mafic intrusive
 diabase - more massive (several
 chlorite + biotite (detrital)
 within sl. pyritic
INF-236



43m
 continuing previous
 D.C. approx. 10m
 of mafic tuff &
 & diabase
 sills up to 1m
 then 10-15 m of
 mafic to int. flows,

good pillows seen &
 not much stretching at
 all, however unable
 to get top.
 a whole rock taken
 from massive outcrops
 floor is 3m thick
 above pillowed and

BCS-491

SF-184

107 - o.c. on left of (2m)
 & 1/2 way above (1m)
 & on right above.
SF-185

236 - o.c. on left of
 int. tuft, gully, poss
 xl. tuft seen
SF-195

NF-237

Power not
 working
 properly.

0
 ↓

236
 439
 675

207 Q1

52
096

Tuff
dy.

- o.c on left of strongly
fractured lavilla
tuff. & occasional
bombs size frags. (upto 1ft)
of dark sand.
sheared.

- chert masses.

NF 238

434

Large quarry on left.
SFA B3

Interbedded Tuffs

ignity, ^{Tuff} lavilla
int to mafic, & ^{dy}
diabase sills &
darker porph.
dikes. some minor
mafic flows.

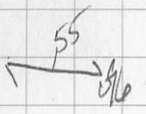
NF-234

SF-187

volc. core appears removed

0 sta c. second quarry
of beautiful

Left } (possibly to bomb left
of } (poss debris flow)
bt } (uni. darts and clasts
in pale more siliceous?
matrix up to 70% clasts
* - poss, reverse graded
bedding - upside
down



max clasts 7m
up to 40 cm
clayate 3:1
see SF 188

NF-240

129. on left. A
silty grayish green
interbedded with a little
stuff & rip-up clasts.

156
136

236m

o.c. of silty
mud full J.C. Caprell
clasts of ~~paper~~
any sd. has stretched
5:10

see
mass debris from
see sample

NF-241

SF-189

279 . john. sta D.

X

0.

1

44 o.c. con left of gutter
full + gutter

line? (alias J. Wherry).
int. between "true gutter"
+ gutter full

NF-242

SF-190

694

X

O

↓

sta E. ~~cutch~~ road
o.c. in roadbed

A gutter
let in gutter
frgs & shells?
up to 1 in.

NF-243

SF-191



213

o.c. on ~~WAD~~
gutter let in gutter
(pass x line) let
filtered (bricks
in gutter)

NF-244

269

sta F.

X
↓

184m
→ 090/90.

o.c. or right
of foliated, not to
higher buff i
high silice content?
- chlorite
rusty spots (limonite)
after sulphides
NF-245
SF-192

438
M. shaly lam →
massive argillite,
mass fufaceous
component, &
part frag (vols?)

548 jctn?

799. Umi part (int)

992. to truck (806.25 ft.)
to jctn. 807.38.

@ 1000

O.C. on rfd A banded
agillite, rusty
with i silphide
rust layers
upto 10%



see sample
+ BCS 492

SF-192A

plotted 203

AUG. 5/83
S. FRIDAY
G. DAWSON

- continuing stream traverse
up N Fork of Coghlan
Ck. (HUT) near
where cp found in
flout & etc.

0 m

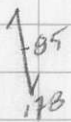


A? + chert pebble cong.

10 m

massive chert ~2-3m wide

20 m S.



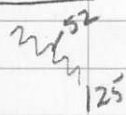
sheared mafic? ^{left?}
chert. c massive chert

- sheared am - now talc.
+ horn + cal. c

blocks of rock chert
of more compact chert

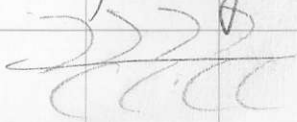
(chert usually) included
chert & am. sheared.

30 m.



c folds related to thrust
faulting

as per
dry folds...



52
175
~~8~~

the banded chert is
minor cherty argillite
sl. folding (related to
fault?)

total 7m thickness
40m then sheared
cherty argillite 6x.
i prob. lency content
as has in chop
homogenised cherts.

50m massive E. banded chert
I 000? sheared & folded.
(thinned repeat?)
(at least .3 m thick)
might be shears /
folds. flattened
out into shears
along bedding planes
in chert.

supm 13B

60m chert massive?
banded at least
10 m thick

75.
13B quite regular

↓
10m

chert, banded c
sheared un. intrusive?
(mafic?) in steep slope -
landsides to left (W)

- angular boulders up
to 1 1/2 m sitting at
bottom & half way
up (see fly)

contain in seams
of graphitic sheared
chert - amphib. schist.
c up to 2% cp.

- trying to trace source
from above fruitless as
~~not~~
~~is~~

unable to get to top -

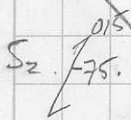
- however at N side
of steep slope some
cp. (< 1%) found
in chloritic pelose
sheared mafic un.
+ seds.

110 m - sds (cherts, graphite
 gn. argillites, #74 etc.)
 sheared lenses of un.
 (talc + pyx.), some only
 \bar{c} ps = py.

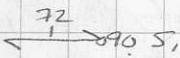
- netureds schist \pm gn \pm 500.

130 m - un. sheared.

\nearrow - then banded cherts
 again - ~~thin~~
 2-3 m



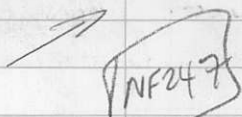
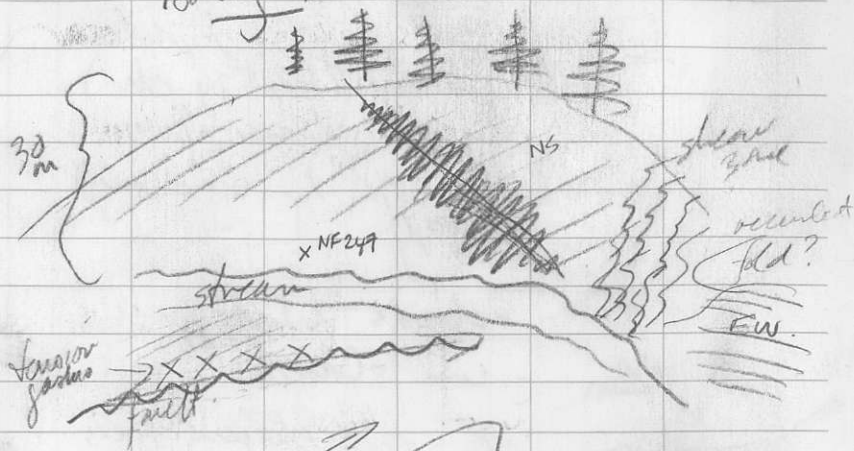
150 m - then banded
 silty tufts?, chlorites
 and finally \bar{c}
 amphibole paragneiss
 (actinolite?)



grading up into
 siltstones \bar{c} un.
 lenses. (from slate + talc)

NF - 246

Looking E.



170 - 200 m upstream is good evidence for a major high angle fault along stream course. Slightly extreme shearing accident

of a major shift in trend of bedding from W side essentially EW to E side roughly NS to the E side of fault.

E side
170

W side
170
170 S
170 SE

- also, complementary sets of narrow faults/facettes

becoming more prevalent closer
to fault zone.

at @ gtz filled.

200

↘ 75
136



↘ 7030

BCS 493 purdy

sample # ~~217~~ 217
taken from purdy
(shear?) zone in bedded
cherty argillites.

250m

mm 044
80

still cherty argillites,
highly contorted / strained



280

↘ 80
156

gtz - bio sclerites. ± horizontal
± mass.

becoming more cherty
to NE

290

↘ 75
166

marble bands up to
over 10 cm (up to 2 1/2 cm
thick) in

370. interbedded bio - $\frac{1}{2}$ ft \pm gn \pm
ser. into \pm act. schists

75.
160

thin calcareous
units (max 3cm)

440.

m.g. - c.g. intrusive
gabbro.
+ amphibolites.

500.

banded chert \pm
argillites.
on E side
intrusive c.g. (basalt
talc \pm soap) on W.

640.

160

bio - Az - amphi gneiss
+ kyanite?

680

end at cliff dual
waterfall \sim 100'
Station N.

5078.

AUG 8 1933.

plotted 201

S. FRIDAY.

T. POSTUK

- traversing up road below
Lookout commencing at
el 795. (below workout).
at creek crossing, heading
downhill. Photo BC7469 etc.

700
000 m
(356.25)

o.c. in stream of
black granitic gneiss
well bedded.

28.
178

note - lots of rusty
boulders, some iron
E pot py.

200 m
(381.45)

o.c. on left of
m.g. - c. mafic

45
128

dyke fill? ~~E stream~~
foliated - sheared contact
E f.j. mafic volc?

(or finer grained chert
phase??)

- sample of f.j. chert
(+ amph.) mafic

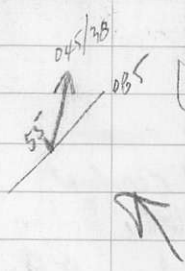
INF-247

350m
(356.6)

large ore on left of
bedded argillites. c
alls up to 3m thick
of mafic intr. (some
bordering main)
c showed contacts,
chilled margins.
Eg bx. zones. see SF-193

350m
(356.9)

stream sta A.
see SF-194 float



350m
(357.1)

2.5 km left of
mig. c.j. metamorphic
intrusive sill. seems
probable to a highly
folded cherty argillite
bed at N. end of oc

(573) 1050m

(710nel)

large d.c.m
left & source of
boulders up to
2m across.

- looks like m.j. to
~~of~~ mafic intrusive
(pill?) however
enough doubt to sample.
- ch^l sample.

SF-195

NF-248

3574

1150m

stream/slide area

576. 1380m

52

157

intelledded
mafic to int. flow
(possibly)uffs & chert? conglomerates.
well-bedded.

- vesicular clasts up
to 15cm in dia.

see SF-196

NF-249

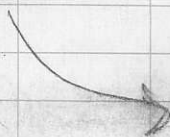
(400 m. stream)

1750 m. o.c. on left.

024
-30.

of massive mafic
bed? (int.) basalt.
- calcareous

NF-250



agglutates in previous.
truncated below by
a thrust along bedding
then into well. aggr.

42
162

1850
sta B?

old stream bed is
continuous o.c. vertically
for 20 m.

going up!

my. int. or vol. at bottom
~ 50m then bedded aggr
(grading to tufts (up)
(5 m). then 10 m
of tuft beds basalt.
massive.

NF-251

down into frag. (up to 15 cm).
i Chert interbed. a 1/2 m wide
then 1/2 m mafic interbed.
2m.

SB.35

475
176

2000m of bedded
gneiss

SB.30.

2050m. of massive
mg. (volc? mafic?) or int.

unwelded yes. gabro into gneiss (bedded)
same as SF-201! SF-197.

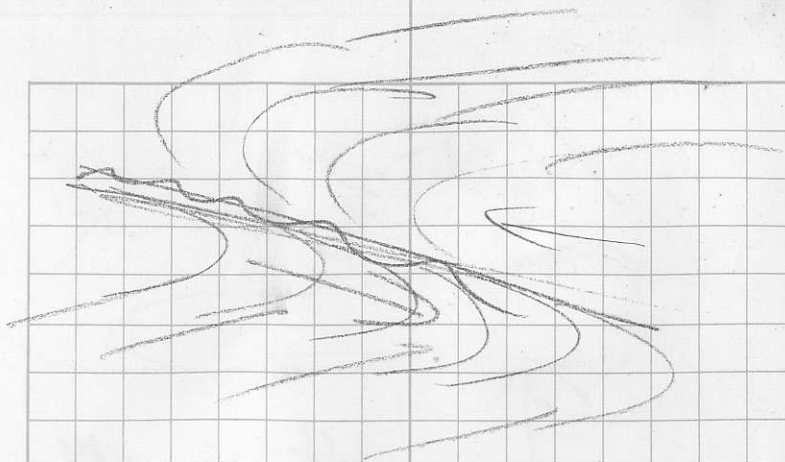
☆ rusty shear zones
with ser. act + S₁opy?
BGS-496
SF-498

SB.40.

2100m. at Switzerland
STAC

201-4

203-3



phylets.

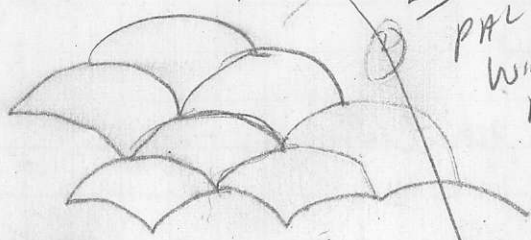
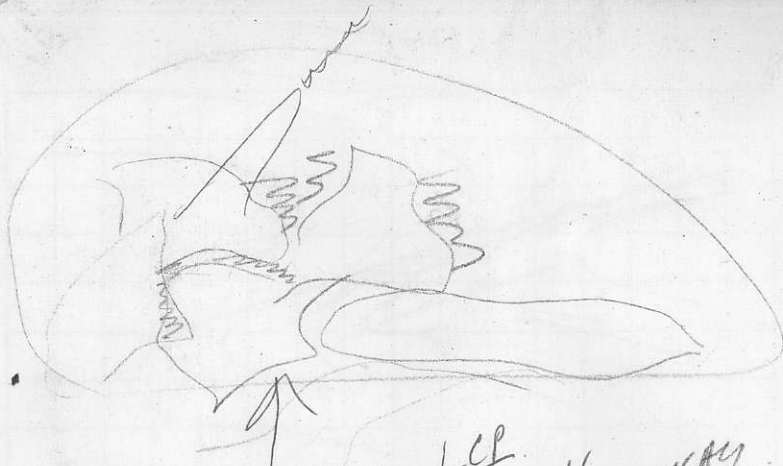
pg. 2

3

4

14 *

15 *



LCP
PAL 4
WIA RAVENSAK
MAR 18-83
NS W 4
agent for Kone

① LCP. FRAN 2
19 FEB 83

SN agent for save.
John R. Martin
HW