NOTES for aeroradiometric flight lines @ :

THE CATHEDRAL (L-2/9/76-1)
MT MUSSEN
MT CAPLICE
FLORENCE RANGE

C449 — ATLIN, B.C.

Sept 2, 1976

BeeCee
841216
C-449

Sept 2/76 1

Sunny, cool
Lomanda - Plut
Cathedral Peak

Radiometric recce
with 206B

- chart speed
- chopper "
- clearance
- 3000' elevation

1 - 3000 scale
- before ~~#1~~
- 50' clearance

2 - into sed a vole.

~~4~~ - point of land

3 - scale to 1K
- 70 mph
- lots trees

5 - point of mountain

- some gr
6 - at south end lake

7 - granite talus
- brushy

8 - Nelson lake, south end
9 - Cathedral Glacier tributary
- brushy
- some outcrops
10. tributary west side lake

11 - end Nelson L. (north)
- into sed.

12 - south end Edgar L.
- into drift, trees + low relief.

13 - some granite talus
14 - " " " & outcrops, tributaries glacier
15 - granite contact
16 = #1

= 4000'

17 - begin at 4000'
- granite outcrops
- change scale to 3K

18 - point
19 - scale 1K over sed
20 - in large drainage basin
21 - with #5 at 3000'
22 - granite o.c.
- contact
23 - south end Nelson L.
24 - #9 at 3000'
- tributary west side Cathedral
25 - Contact with meta sed-volc.
26 - n.w. ridge of Cathedral
27 - S. Edgar L.
28 - granite to sed-volc.
- 3K.
29 - opening cirque
- talus
30 - out of cirque
31 - end of transit → #18

32 - start 5000 in granite
33 - point of lake

34 - into rusty sed-volc.
- 1K

35 - back to granite
- spine South ridge

36 - contact from metamorphics to granite
- contact rusty

37 - S. end Nelson L.
38 - S. side west Cathedral cirque

38 - repeat on 3K
39 - out of cirque
- granite U.C
40 - contact volc-sed.
41 - into cirque
- talus
42 - main north ridge Cathedral
43 - scale 3 3K

44 - end
45 - return to 1K
- reflexo 43-44 &
a bit erratic

- 46 - 3K.
- 47 - top cirque 5000'
- some granite talus
48 - close to edge glacier
- granite & talus
49 - parallel to
contact
- wedge vol-sed.?
- into cirque

50 - top cirque ~ 5000'
51 - end in cirque

FP-76-1 - in cirque
- takes sample
- light grey, granitic, small
phenocrysts (?) in places,
qtz, light grey feldspar,
10% mafics (amphibole)
- some rock weathering

~~Meeden Mtn.~~

6

Massen Mt

4000, elevation

1. start
   - outcrops sed-vol. (unit 4)
   - 1 K

2 - granites, space o.c.
3 - Hobo Creek
4 - major turn.
5 - end

Caribou Mt

- 4000'

1. start, dark green metased (?) 1a
2. point of ridge
3 - toe glacier
4 - creek.
5 - creek
6 - creek with glacier
   - granite
7 - 1K
8 - into 1a (rusty)

- qtz veins
9 - ridge north Mt Caplis :

10 - rusty metavolc, fine talus
- in cirque with small glacier
11 - 5000
13 - stop

Silt sample
2 - 2/9/76 - 1
Wann River, north side delta, flat area

Florence Range

- 5000'

1 - granite
PK → 3K
- outcrops & talus
-

2 drainage south of Switzer Mtn

3 - into a cirque west of 9
Mt Switzer

4 - center saddle
- granite

5 - in cirque

6 - circle cirque again
on 3K
- west side of cirque
- not granite ?

7 - Northwest ridge of Florence

8 - Cirque n.w. Florence, twin
glaciers
- rusty zone - 1900 cps

9 - Out of cirque

10 - 1600 cps, then snow

11 - long n-s. valley.
15 - Veering valley.
- into emit 1a (?)

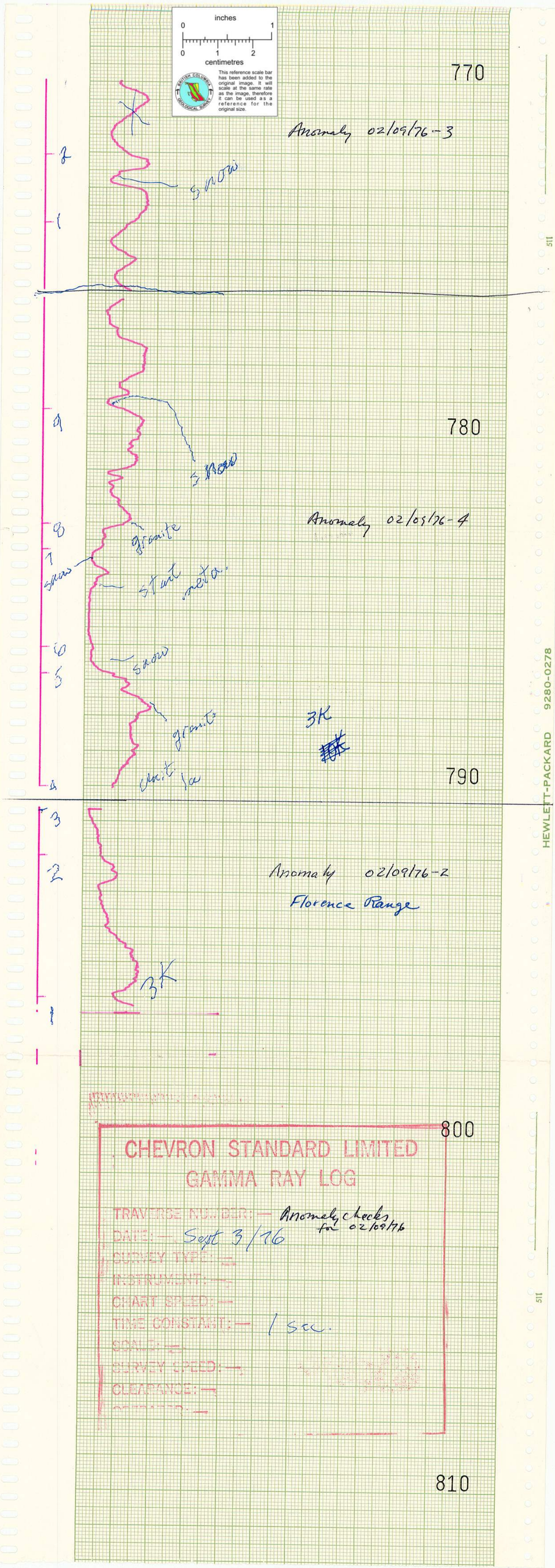
18 - top valley, with ice

23 - Drainage, east side
Florence Range
24 - top cirque 5000'
- glacier

26 - glacier
- just past light
dykes in dark metased.

27 - valley

32 - end.


inches
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770
Anomaly 02/09/76-3
snow
780
snow
Anomaly 02/09/76-4
granite
shear
start meta.
snow
granite
unit 1a
3K
790
Anomaly 02/09/76-2
Florence Range
3K
800
CHEVRON STANDARD LIMITED
GAMMA RAY LOG
TRAVERSE NUMBER: — Anomaly checks for 02/09/76
DATE: — Sept 3/76
SURVEY TYPE: —
INSTRUMENT: —
CHART SPEED: —
TIME CONSTANT: — 1 sec.
SCALE: —
SURVEY SPEED: —
CLEARANCE: —
OPERATOR: —
810
HEWLETT-PACKARD 9280-0278

Mt. Coglan
Mt. Coglan
Mt. Coglan