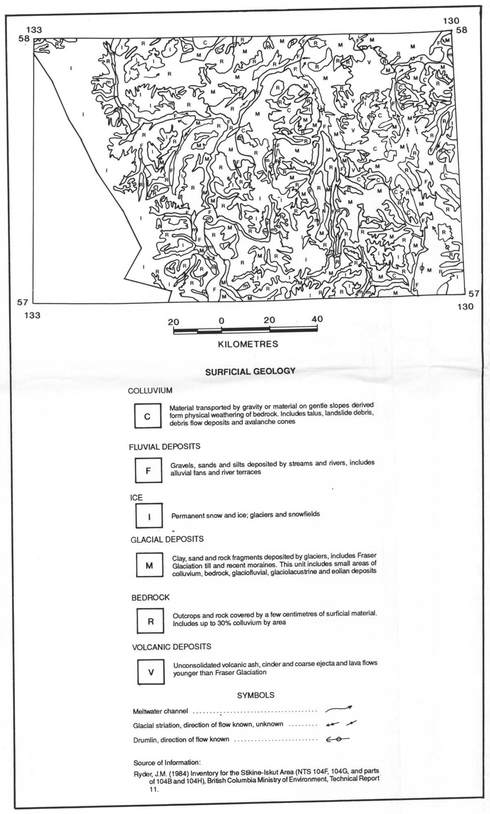



## SURFICIAL GEOLOGY

COLLUVIUM

C — Material transported by gravity or material on gentle slopes derived form physical weathering of bedrock. Includes talus, landslide debris, debris flow deposits and avalanche cones

FLUVIAL DEPOSITS

F — Gravels, sands and silts deposited by streams and rivers, includes alluvial fans and river terraces

ICE

I — Permanent snow and ice; glaciers and snowfields

GLACIAL DEPOSITS

M — Clay, sand and rock fragments deposited by glaciers, includes Fraser Glaciation till and recent moraines. This unit includes small areas of colluvium, bedrock, glaciofluvial, glaciolacustine and eolian deposits

BEDROCK

R — Outcrops and rock covered by a few centimetres of surficial material. Includes up to 30% colluvium by area

VOLCANIC DEPOSITS

V — Unconsolidated volcanic ash, cinder and coarse ejecta and lava flows younger than Fraser Glaciation

SYMBOLS

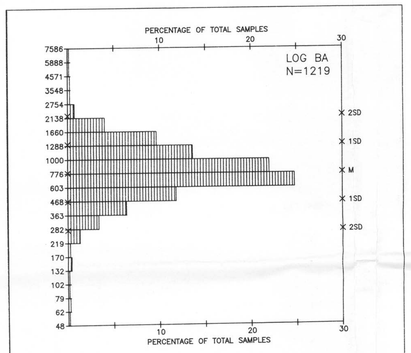
Meltwater channel .....

Glacial striation, direction of flow known, unknown .....

Drumlin, direction of flow known .....

Source of Information:

Ryder, J.M. (1984) Inventory for the Stikine-Iskut Area (NTS 104F, 104G, and parts of 104B and 104H), British Columbia Ministry of Environment, Technical Report 11.




LOGARITHMIC HISTOGRAM

| CONCENTRATION | FREQUENCY | | |
|---|---|---|---|
| 1701 – 6794 | ◇ | N = 59 | (4.8%) |
| 1447 – 1700 | ◇ | N = 64 | (5.3%) |
| 1067 – 1446 | ◆ | N = 182 | (14.9%) |
| 786 – 1066 | • | N = 304 | (24.9%) |
| 42 – 785 | + | N = 610 | (50.0%) |

**CONTRACTORS - 104F**

**Sample collection by McElhanney Engineering Services Limited, Vancouver, B.C.**

**Sample preparation by Kamloops Research and Assay Lab, Kamloops, B.C.**

**Sediment chemical analyses by Bondar Clegg and Company Limited, North Vancouver, B.C.**

**Water chemical analyses by Barringer Magenta, Calgary, Alta.**

**CONTRACTORS - 104G**

**Sample collection by McElhanney Engineering Services Limited, Vancouver, B.C.**

**Sample preparation by Golder Associates, Ottawa, Ont.**

**Sediment chemical analyses by Bondar Clegg and Company Limited, Ottawa, Ont.**

**Water chemical analyses by Chemex Labs, North Vancouver, B.C..**

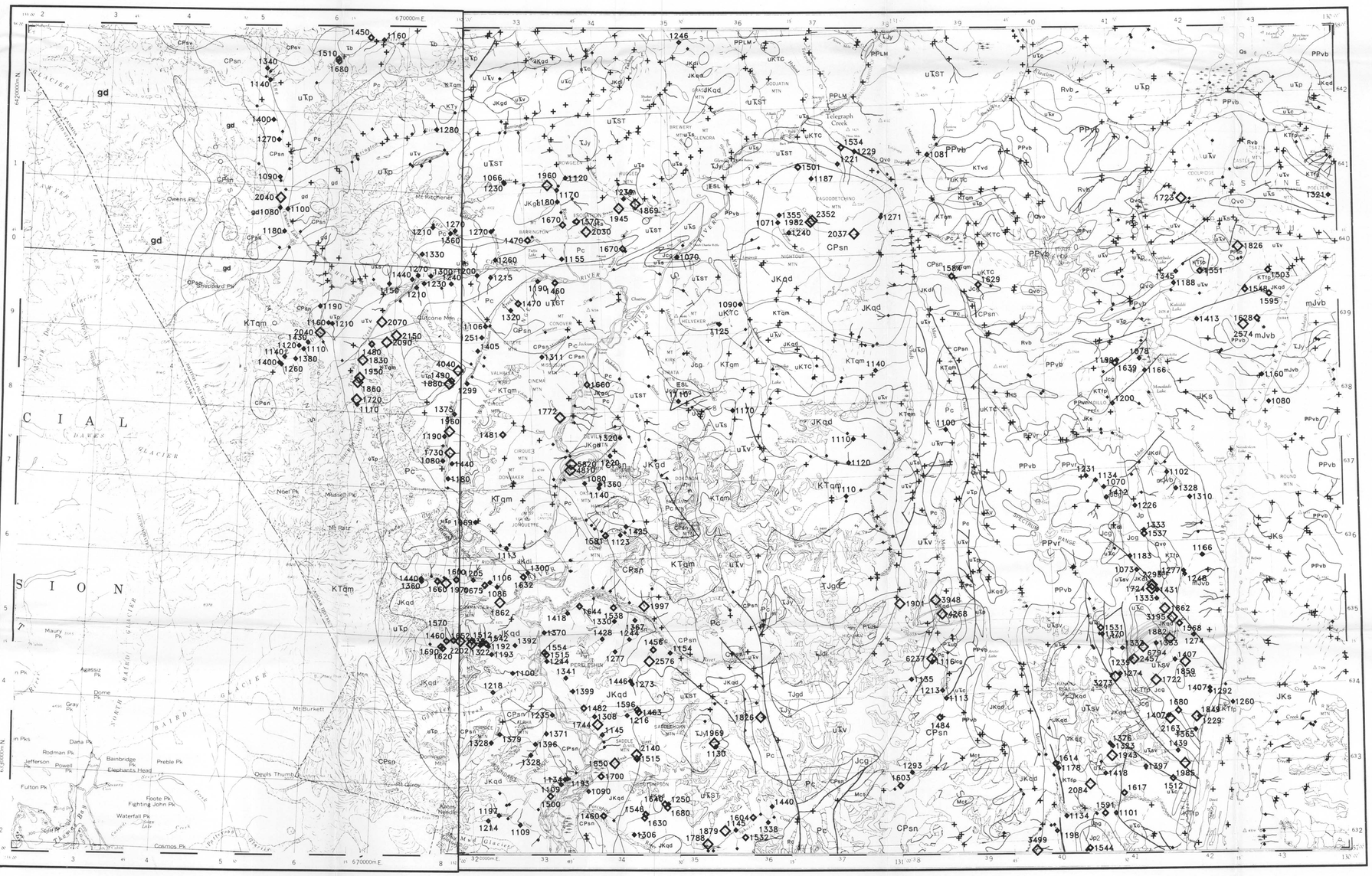
**OPEN FILE PRODUCTION**

**British Columbia**
**Ministry of Energy, Mines and Petroleum Resources**
**Geological Survey Branch**
**Applied Geochemistry**

**Province of British Columbia**
Ministry of Energy, Mines and Petroleum Resources

104F (Zone 8) & 104G (Zone 9)

104F (Zone 8) & 104G (Zone 9)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GLACIER
Owens Pk
Mt Kitchener
Sheppard Pk
Mt Burkett
Maury Pk
Agassiz Pk
Dome
Gray Pk
Dana Pk
Rodman Pk
Jefferson Pk
Powell Pk
Bainbridge Pk
Elephants Head
Preble Pk
Fulton Pk
Foote Pk
Fighting John Pk
Waterfall Pk
Cosmos Pk
Devils Thumb
Quiet Mtn
Noel Pk
Mussell Pk
Mt Ratz
Telegraph Creek
Glenora
Pagodetomino
Nightout Mtn
Helveker
Conover
Dawes
Jackson
Kirkup
Kinaskan
Cinema
Valmark
Sanderson
Perleshin
Kabrit
Saddle
Dettanti
Cirque
Jequette
Sphinx
Kinaskan Lake
Dease Lake
Boya Lake
Mowdade Lake
Ball Creek
Dease River
Stikine River
Little Tuya River
Tuya River
Klastine River
Kinaskan Creek
Hickman Creek
Ealue Creek
Ealue Lake
Kluea Lake
Kluea Creek
Kluea Mtn
Kluea Pk
Kluea Glacier
Kluea Lakes