Canada
Department of Mines
HON. L. CODERRE, MINISTER, R.W. BROCK, DEPUTY MINISTER

GEOLOGICAL SURVEY

Structural section along line CD
Scale, horizontal and vertical 2000 feet to 1 inch

LEGEND

QUATERNARY

- Q — Fluvio-glacial deposits

TERTIARY — MIOCENE — MIDWAY VOLCANIC GROUP

- 7 — Minette dykes
- 6 — Pulaskite porphyry and syenite porphyry dykes
- T4 — Trachytic flows, alkalic basalt, basaltic tuff
- T3 — Earlier trachyte

TERTIARY — MIOCENE — FRANKLIN CHONOLITH

- 5 — Augite syenite (*intrusive equivalent of trachytic flows, T4*)
- 4 — Shonkinite pyroxenite (*intrusive equivalent of alkalic basalt, T4*)
- 3 — Porphyritic syenite (*intrusive equivalent of earlier trachyte, T3*)

TERTIARY — OLIGOCENE

- 2 — Monzonite (*co-magmatically related to augite syenite*)

TERTIARY — EOCENE OR OLIGOCENE

- T2 — Rhyolite and rhyolite porphyry
- T1 — Kettle River formation (*conglomerate, arkosic grit, acidic tuff*)

MESOZOIC — UPPER JURASSIC

- 1 — Granodiorite, gneiss

PALAEOZOIC — CARBONIFEROUS (?)

- C2 — Gloucester formation (*crystalline limestone*)
- C1 — Franklin group (*greenstone, cherty quartzite, altered tuff*)

Symbols

- Fissure vein
- Geological boundary (*position exactly determined*)
- Geological boundary (*position determined within 20 feet*)
- Geological boundary (*position assumed*)
- Fault
- Dip and strike
- Glacial striae

GEOLOGY — TOPOGRAPHY

C.O. Senécal, *Geographer and Chief Draughtsman.*
A.McGregor, *Draughtsman.*

1286

LEGEND

Culture

- Roads and buildings
- Pack trails
- Shafts
- Bridges
- Tunnels
- Prospects

Water

- Lakes and streams
- Watercourses with intermittent flow

Relief

- Contours (*showing approximate land forms and elevations above sea-level*) *Interval 100 feet*

Structural section along line AB
Scale, horizontal and vertical 2000 feet to 1 inch

MAP 97 A
(*Issued 1914*)

FRANKLIN MINING CAMP
WEST KOOTENAY
BRITISH COLUMBIA

Scale, $\frac{1}{24,000}$

Feet: 1000 0 1000 2000 3000 4000 5000

Metres: 500 0 500 1000

2000 FEET TO 1 INCH

GEOLOGY
C.W. DRYSDALE, 1911.

TOPOGRAPHY
(*Control and topography subject to revision*)
C.W. DRYSDALE, 1911.

TOPOGRAPHICAL BASE
RATED GRADE 5

To accompany memoir by C.W. Drysdale

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97A
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