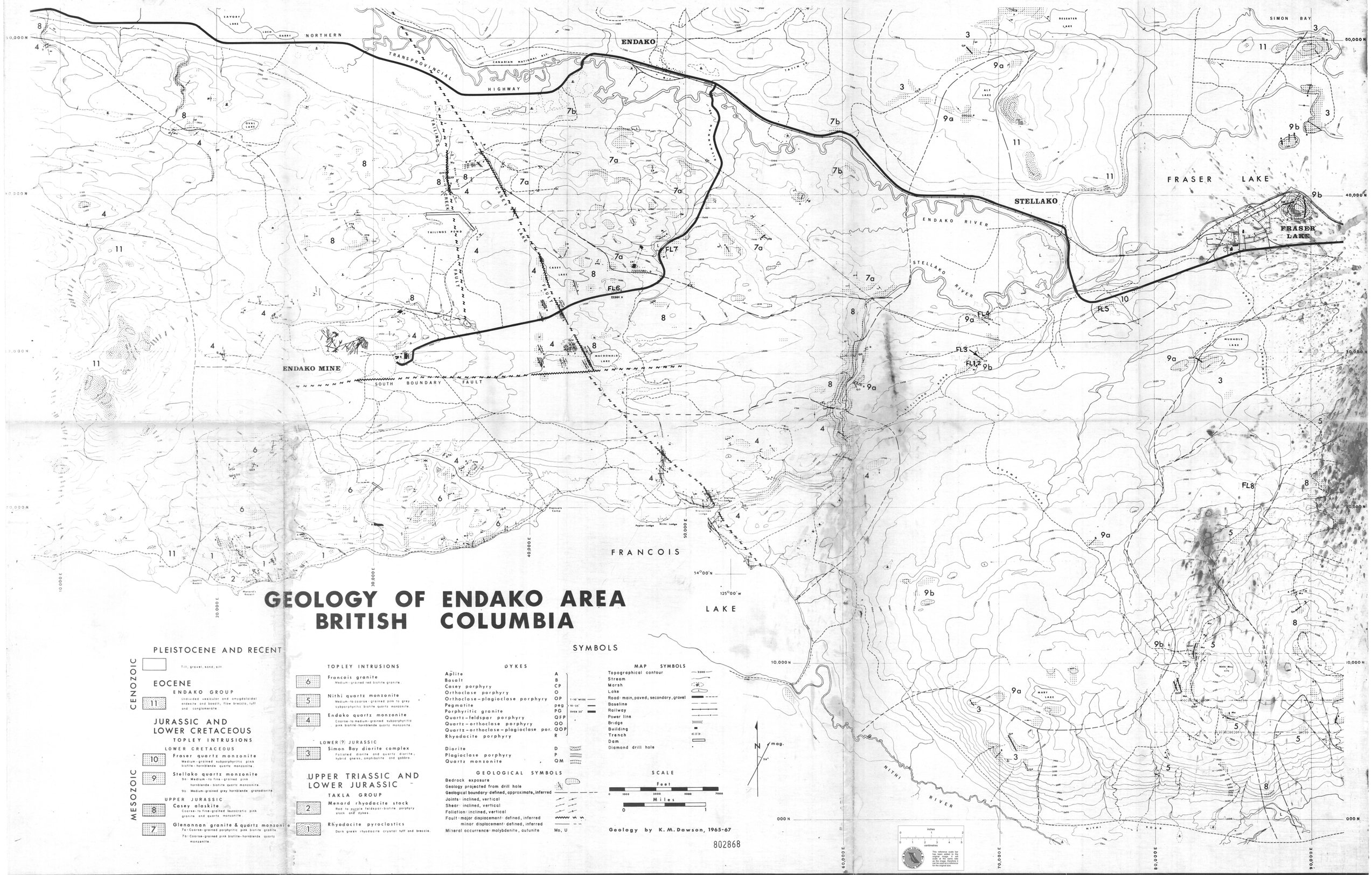

GEOLOGY OF ENDAKO AREA BRITISH COLUMBIA

PLEISTOCENE AND RECENT

CENOZOIC

Till, gravel, sand, silt.

EOCENE

ENDAKO GROUP

11 — Undivided vesicular and amygdaloidal andesite and basalt, flow breccia, tuff and conglomerate.

JURASSIC AND LOWER CRETACEOUS

TOPLEY INTRUSIONS

LOWER CRETACEOUS

10 — **Fraser quartz monzonite** — Medium-grained subporphyritic pink biotite-hornblende quartz monzonite.

MESOZOIC

9 — **Stellako quartz monzonite**
9a Medium-to fine-grained pink hornblende-biotite quartz monzonite.
9b Medium-grained grey hornblende granodiorite

UPPER JURASSIC

8 — **Casey alaskite** — Coarse-to fine-grained leucocratic pink granite and quartz monzonite.

7 — **Glenannan granite & quartz monzonite**
7a Coarse-grained porphyritic pink biotite granite.
7b Coarse-grained pink biotite-hornblende quartz monzonite.

TOPLEY INTRUSIONS

6 — **Francois granite** — Medium-grained red biotite granite.

5 — **Nithi quartz monzonite** — Medium-to coarse-grained pink to grey subporphyritic biotite quartz monzonite.

4 — **Endako quartz monzonite** — Coarse-to medium-grained subporphyritic pink biotite-hornblende quartz monzonite.

LOWER (?) JURASSIC

3 — **Simon Bay diorite complex** — Foliated diorite and quartz diorite, hybrid gneiss, amphibolite and gabbro.

UPPER TRIASSIC AND LOWER JURASSIC

TAKLA GROUP

2 — **Menard rhyodacite stock** — Red to purple feldspar-biotite porphyry stock and dykes.

1 — **Rhyodacite pyroclastics** — Dark green rhyodacite crystal tuff and breccia.

SYMBOLS

DYKES

Aplite	A	
Basalt	B	
Casey porphyry	CP	
Orthoclase porphyry	O	
Orthoclase-plagioclase porphyry	OP	1-10' WIDE
Pegmatite	peg	10-25'
Porphyritic granite	PG	OVER 25'
Quartz-feldspar porphyry	QFP	
Quartz-orthoclase porphyry	QO	
Quartz-orthoclase-plagioclase por.	QOP	
Rhyodacite porphyry	R	
Diorite	D	
Plagioclase porphyry	P	
Quartz monzonite	QM	

GEOLOGICAL SYMBOLS

Bedrock exposure
Geology projected from drill hole
Geological boundary: defined, approximate, inferred
Joints: inclined, vertical
Shear: inclined, vertical
Foliation: inclined, vertical
Fault: major displacement: defined, inferred
minor displacement: defined, inferred
Mineral occurrence: molybdenite, autunite — Mo, U

MAP SYMBOLS

Topographical contour — 3500
Stream
Marsh
Lake
Road: main, paved; secondary, gravel
Baseline
Railway
Power line
Bridge
Building
Trench
Dam
Diamond drill hole

SCALE

Feet: 0, 1000, 2000, 3000, 4000
Miles: 0, 1

Geology by K. M. Dawson, 1965-67

802868

1-19-30 A-21