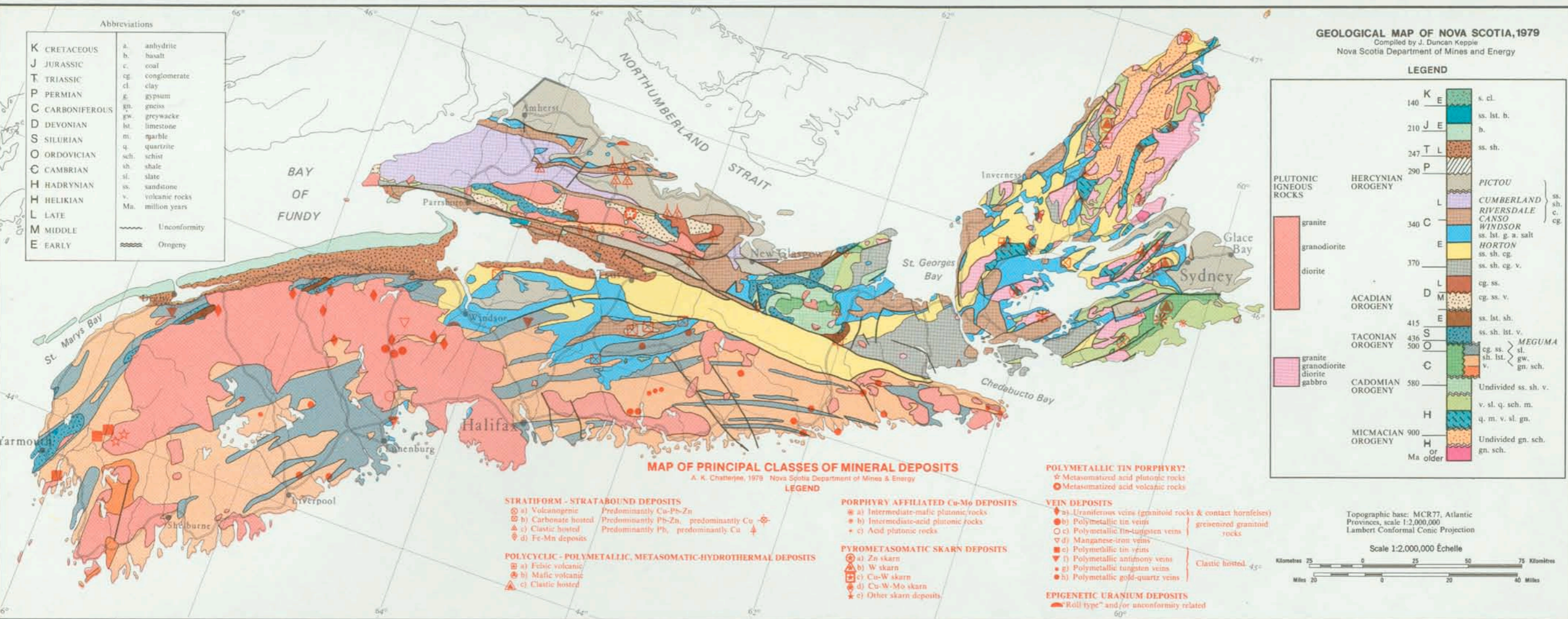


GEOLOGICAL MAP OF NOVA SCOTIA, 1979

Compiled by J. Duncan Keppie
Nova Scotia Department of Mines and Energy

Abbreviations			
K	CRETACEOUS	a.	anhydrite
J	JURASSIC	b.	basalt
T	TRIASSIC	c.	coal
P	PERMIAN	cg	conglomerate
C	CARBONIFEROUS	cl	clay
D	DEVONIAN	g.	gypsum
S	SILURIAN	gn.	gneiss
O	ORDOVICIAN	gw.	greywacke
C	CAMBRIAN	lst.	limestone
H	HADRYNIAN	m.	marble
H	HELIKIAN	q.	quartzite
L	LATE	sch.	schist
M	MIDDLE	sh.	shale
E	EARLY	sl.	slate
		ss.	sandstone
		v.	volcanic rocks
		Ma.	million years
		~~~~~	Unconformity
		~~~~~	Orogeny



MAP OF PRINCIPAL CLASSES OF MINERAL DEPOSITS

A. K. Chatterjee, 1979 Nova Scotia Department of Mines & Energy

STRATIFORM - STRATABOUND DEPOSITS

- ⊙ a) Volcanogenic Predominantly Cu-Pb-Zn
- ⊙ b) Carbonate hosted Predominantly Pb-Zn, predominantly Cu
- ⊙ c) Clastic hosted Predominantly Pb, predominantly Cu
- ⊙ d) Fe-Mn deposits

POLYCYCLIC - POLYMETALLIC, METASOMATIC-HYDROTHERMAL DEPOSITS

- ⊙ a) Felsic volcanic
- ⊙ b) Mafic volcanic
- ⊙ c) Clastic hosted

PORPHYRY AFFILIATED Cu-Mo DEPOSITS

- ⊙ a) Intermediate-mafic plutonic rocks
- ⊙ b) Intermediate-acid plutonic rocks
- ⊙ c) Acid plutonic rocks

PYROMETASOMATIC SKARN DEPOSITS

- ⊙ a) Zn skarn
- ⊙ b) W skarn
- ⊙ c) Cu-W skarn
- ⊙ d) Cu-W-Mo skarn
- ⊙ e) Other skarn deposits

POLYMETALLIC TIN PORPHYRY?

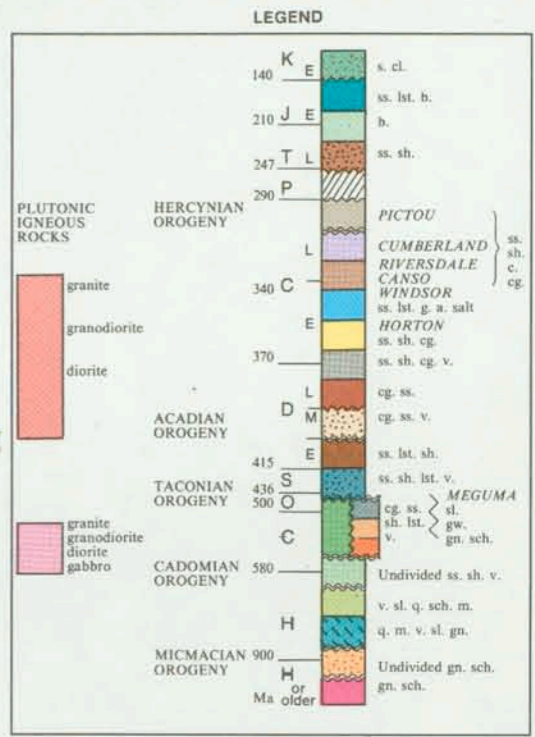
- ⊙ Metasomatized acid plutonic rocks
- ⊙ Metasomatized acid volcanic rocks

VEIN DEPOSITS

- ⊙ a) Uraniferous veins (granitoid rocks & contact hornfelses)
- ⊙ b) Polymetallic tin veins
- ⊙ c) Polymetallic tin-tungsten veins
- ⊙ d) Manganese-iron veins
- ⊙ e) Polymetallic tin veins
- ⊙ f) Polymetallic antimony veins
- ⊙ g) Polymetallic tungsten veins
- ⊙ h) Polymetallic gold-quartz veins

EPIGENETIC URANIUM DEPOSITS

- ⊙ Roll-type and/or unconformity related



Topographic base: MCR77, Atlantic
Provinces, scale 1:2,000,000
Lambert Conformal Conic Projection

Scale 1:2,000,000 Échelle

