

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

LEGEND

PLUTONIC IGNEOUS ROCKS	granite	HERCYNIAN OROGENY	K E	ss. cl.	PICTOU
	granodiorite		J E	ss. lst. b.	
	diorite		210	b.	
			247	ss. sh.	
			290		
			L	ss. sh. c. cg.	
			340		
			C	ss. lst. g. a. salt	
			E	HORTON	
			370	ss. sh. cg. v.	
ACADIAN OROGENY		L	cg. ss.	TACONIAN OROGENY	
		D M	cg. ss. v.		
		E	ss. lst. sh.		
		415	ss. sh. lst. v.		
		S	ss. sh. lst. v.		
		436	cg. ss. sl.		
		500	sh. lst. gw. gn. sch.		
		C	v.		
		580	Undivided ss. sh. v.		
		H	v. sl. q. sch. m.		
CADOMIAN OROGENY		H	q. m. v. sl. gn.	MICMACIAN OROGENY	
		900	Undivided gn. sch. gn. sch.		
		H or Ma	older		

GEOPHYSICAL EDITION

Bouguer gravity anomaly map of Nova Scotia compiled by Gravity & Geodynamics Division, Earth Physics Branch, Department of Energy, Mines & Resources, Ottawa, from information in the National Gravity Data Base current to June 1978.

Contour interval 50 $\mu\text{m. sec}^2$ (5 mgal)
 Bouguer Reduction Density 2.67 gm cm^{-3}
 Theoretical Gravity Reference Geodetic Reference System 1967
 Observed Gravity Reference International Gravity Standardization Net 1971

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

