



- Legend:**
- L - M LINE OF SECTION
 - BEDDING STRIKE AND DIP
 - SYNCLINE AXIS
 - ANTICLINE AXIS
 - JOINT SYSTEM IN GRANITES
 - MAIN LINEATION TRENDS
 - MIDDLE TO LATE DEVONIAN FAULT SYSTEM PARTLY REJUVENATED IN POST-PERMIAN TIME
- Stratigraphic Legend and Palaeotectonic Elements:**
- 13 MT. PROFESSOR SYNCLINORIUM
 - 12 ZEEHAN SYNCLINE
 - 11 HUSKISSON SYNCLINE
 - 10 QUE SYNCLINE
 - 9 SOPHIA SYNCLINORIUM
 - 8 LAKE SPICER SYNCLINE
 - 7 TYNDALL ANTICLINE
 - 6 MT. MURCHISON SYNCLINORIUM
 - 5 MT. READ BLOCK
 - 4 JUPITER WRENCH FAULT
 - 3 HENTY WRENCH FAULT
 - 2 DORA RIFT ZONE
 - 1 OWEN RIFT ZONE, INCL. GREAT LYELL SHEAR
- Geological Features:**
- MIDDLE DEVONIAN FOLDS WITH N-NW AXES HARMONIC FOLDING WITHIN PLASTIC SEDIMENTARY-SUCCESSIONS
 - MIDDLE DEVONIAN FOLDS OF VARIABLE TRENDS: DISHARMONIC FOLDING WITHIN MORE RIGID BLOCK
 - ORDOVICIAN-DEVONIAN N-E. ELEMENTS PROBABLY UPLIFTED AREA DURING THE DEPOSITION OF THE OWEN CONG TO THE (5th & EAST)
 - PRIMARY CAMBRO-ORDOVICIAN MERIDIONAL FAULT SYSTEM

STRATIGRAPHIC LEGEND AND PALAEOTECTONIC ELEMENTS		
QUATERNARY	Qt	GLACIAL SCREE AND ALLUVIAL BEDS (IN AREAS WHERE THE STRUCTURES ARE CONCEALED)
TERTIARY	[Pattern]	BASALT
JURASSIC	[Pattern]	DOLERITIC SILLS
PERMIAN	[Pattern]	ZEEHAN TILLITE, GLACIAL BEDS OF MT. DUNDAS, MT. SEDGWICK ETC.
MIDDLE DEVONIAN OROGENY		
INTRUSIVE GRANITES		
SILURIAN TO LOWER DEVONIAN		QUARTZITES, SLATES AND SHALES. (CROTTY QUARTZITE TO BELL SHALE FORMATIONS)
UPPER ORDOVICIAN		GORDON LIMESTONE
TUB. S. STONE		MARINE TRANSGRESSION
UPPER OWEN CONG.		LOWER & MIDDLE OWEN CONGLOMERATE
ZEEHAN GRABEN		LOCAL DISCONFORMITY
MIDDLE TO UPPER CAMBRIAN		JUKES BRECCIA UNCONFORMITY
DUNDAS TROUGH		MT. READ VOLCANICS
DUNDAS GROUP		LAVAS AND PYROCLASTICS
ARGILLITES GREYWACKE-CONG.		GRANO-SYENITIC BODY AND GRANITE PORPHYRY
GABBRO ETC.		SLATES TUFFACEOUS SLATES
EARLY CAMBRIAN		TECTONIC SCHISTS OF MT. LYELL, ROSEBERY, ETC.
PRECAMBRIAN		CAMBRIAN UNDIFFERENTIATED
ROCKY CAPE GEANTICLINE		BASAL UNCONFORMITY
		PRECAMBRIAN TYENNAN GEANTICLINE
ZEEHAN-ROSEBERY AREA		WEST COAST RANGE AREA