

STRATIGRAPHIC TABLE

of PRE-CAMBRIAN ROCKS of the SOUTH-WEST.

PERIOD	GROUP	NAMES of LOCALITIES or SIMILAR FORMATIONS	FORMATION S.	METAMORPHISM and LITHOLOGY	CHARACTERISTICS	IGNEOUS INTRUSIONS	LITHOLOGY	IF SILICIFIED	MAXIMUM THICKNESS (APPROX)	FORMATION MARKS	SILICIFIED FORMATION MARKS	APPROX. THICKNESS of SILICIFIED FORMATION
RECENT PLEISTOCENE												
DEVONIAN						TABBERABERAN SW. CAPE GRANITE COX'S B. G. GRANITE	COARSE GRAINED (PEGMATITIC in PLACES) MEDIUM GRAINED			FG		
CAMBRIAN						TYENNAN FELDSPAR PORPHYRY						
LOWER CAMBRIAN	CARBINE	IRON BOUND UNCONFORMITY & STRONG RUSSELL R.M.T.	PRION				GREYWACKES SANDSTONE CONGLOMERATES, BRECCIA CONGLOMERATES, CONGLOMERATIC SANDSTONES GRITS, GRITTY CONGLOMERATES.		450 FT			
UPPER PRE-CAMBRIAN		FAIRYTALE HA., MT. RUGBY MT. MISERY, MT. BEATIE MT. LOUISA, IRON BOUND R. etc.	RUGBY						450 FT	C CC Br.C.		
		DISCONFORMITY										
		BATHURST RANGE, HORRADS, NEW HARBOUR R., SPICA HILLS, SOUTHWEST CAPER, NORTH RAY R., MELALEUCA RANGE etc. BERRY RANGE	COUNSEL				QUARTZITES (BLATY) MASSIVE QUARTZITES WITH RIPPLE MARKS & CROSS BEDDINGS.		1200 FT	M Q B Br.		
		LOCAL DISCONFORMITY										
	NEW HARBOUR	REDDY HILLS, NORTHERN SW CAPE RANGE, TELFER MARIAN HILLS, NEW HARBOUR TUTT etc.	PANDORA HILLS				QUARTZITES QUARTZITIC SANDSTONES WITH RIPPLE MARKS & CROSS BEDDING.		3000 FT	QSS		
		BRIDGEBY, COX'S Ck NORTH RAY RIVER, TASTIGERCK etc.	SPRING RIVER				ARENACEOUS SHALES, PHYLLITIC SHALES INTERBEDDED WITH QUARTZITIC SANDSTONES AND QUARTZITES, CROSS BEDDINGS, OCCASIONAL RIPPLE MARKS		4000 FT	A Q		
		ISOLATED BRIDGE HILL UNCONFORMITY?										
		UPPER SPRING VALLEY UPPER SELLEY SOUTH BATHURST H. BRAMBLE COVE, EAST LOUISA, NEW HARBOUR etc.	LONG BAY SHALE				SLATY SHALES, PHYLLITIC SHALES, ARENACEOUS SHALES, SLATES, WITH MUD CRACKS	RYAN QUARTZITES LAMELLAR & FOLIATED "	600 FT LONG BAY	A	LQ	
MIDDLE UPPER PRE-CAMBRIAN		FEDERATION R. (OLD RIVER) VALLEY SOLEY R. VALLEY UPPER LOUISA R. VALLEY, EAST COX'S B., WEST BATHURST (NORTH BAY) KETCH- EM BAY, LONG BAY etc.	RAY RIVER SCHIST				MICA-SERICITE, MICA SERICITE CHLORITE, MICA GRAPHITE SCH.	SERICITE, QUARTZ SERICITE, QUARTZ-MICA SERICITE SCHS. QUARTZ SCHS. AND MASSIVE QUARTZ SCHS.	5000 FT	RD RR	SC QSc Q & MQ	200-1300' QSc
UPPER-MIDDLE PRE-CAMBRIAN		LOUISA BAY CENTRAL NORTH BAY	RED POINT SCHIST				COARSE SCHISTS. GARNET-MICA SCH MICA-GARNET-GRAPHITE SCHS.	QUARTZ-MICA MICA-GARNET SCHS.	unknown		QSc V RP	300-400' (IRON BOUND R.) Q & MQ

VERY LOW METAMORPHISM
 ARENACEOUS PHYLLITIC SHALES, SLATES, SANDSTONES, QUARTZITES, ARENACEOUS.
 MILD MOVEMENTS
 AT LEAST
 THREE DISTINCT INTRUSIONS.
 HORN BLENDE
 SCHISTS.

YOUNGER PRE-CAMBRIAN
 OLDER PRE-CAMBRIAN

