

SCALE 1 2 MILES

GEOLOGY OF THE MT. MARY AREA

1. BIBLIOGRAPHY:

- WARD, L. K., 1909: "Contribution to the Geology of Tasmania—The Precambrian". **Pap. and Proc. Roy. Soc. Tas.**, 1909, pp. 124-156.
- WARD, L. K., "King William River to King William Range". **Dept. Lands and Surveys Rept.**, 1903-1908.

2. STRATIGRAPHIC TABLE:

AGE	GROUP	FORMATION	LITHOLOGY	THICKNESS
TABBERABBERAN OROGENY				
Silurian	Eldon	Crotty	Sandstone	200'?
TYENNAN OROGENY				
	{ Younger Basic Igneous Rocks		Dolerites	
OROGENY WITH REGIONAL METAMORPHISM				
	Older Basic Igneous Rocks		Amphibolites	
	Franklin	Cardigan	Schist (mica, garnet) and Quartzite	2000'?
		Raglan	Quartzite Schists	900' 1200'
Precambrian	MINOR UNCONFORMITY (?)			
	Mary		Quartz schists, massive quartzites, phyllites	10,000'
	MINOR UNCONFORMITY (?)			
	Joyce		Mica and garnet schists	5000' (?)

3. LOCALITIES OF SPECIAL INTEREST:

Major thrust fault between Mary and Franklin Groups	E382000.N809300
Minor thrust fault	E384600.N808600
Minor isoclinal folds	E380700.N805200
Ripple marks	E381600.N804000
Pyroxene amphibolite	E382600.N806200