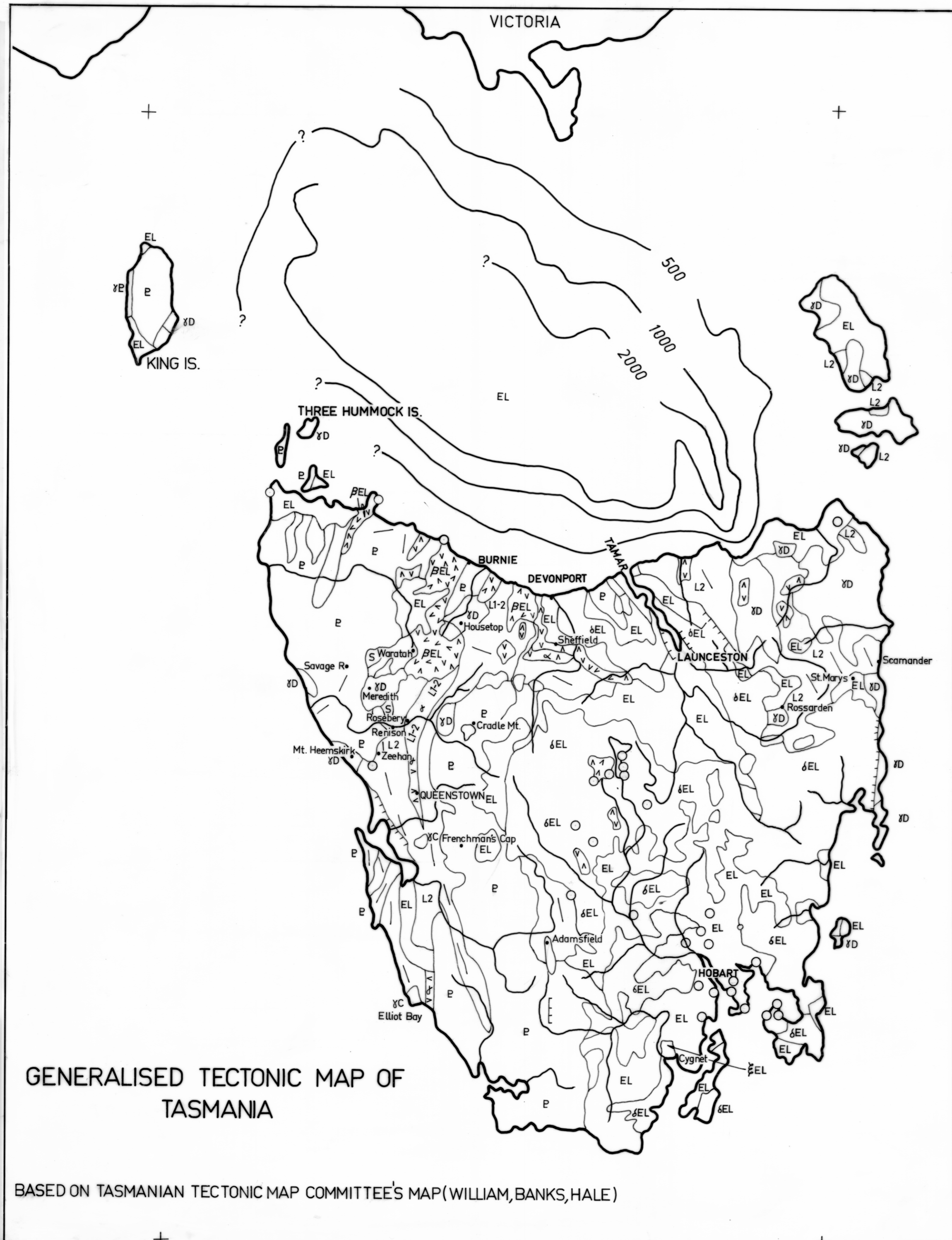


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GENERALISED TECTONIC MAP OF TASMANIA

BASED ON TASMANIAN TECTONIC MAP COMMITTEE'S MAP (WILLIAM, BANKS, HALE)

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AGE RANGE	INITIAL HISTORY & TECTONIC PROVINCE	SYN-OROGENIC EVENTS	LATE OR POST-OROGENIC GRANITES	PLATFORM COVER	EXAMPLES OF ORE DEPOSITS ASSOCIATED WITH TECTONIC EVENTS	
LATE CARBONIFEROUS - RECENT				TERT. ALK. BASALT LACHLAN CRETAC. CYGNET SYENITE (700MY) JURASSIC QU-DOLERITE (16MY)	TASMANIA BASIN, BASS BASIN	LOCAL CONCENTRATIONS OF MINERALS DERIVED FROM UNDERLYING ROCKS. MINOR Au ASSOC. WITH SYENITE
UPPER DEVONIAN - LOWER CARBONIFEROUS				YD (335-370MY)	Sn AT RENISON BELL, Mt. BISCHOFF, CLEVELAND & Pb-Ag AT MAGNET. Sn (-W AT ABERFOYLE & STOREYS CK.) ASSOC. WITH MUSC. GRANITE, & Au WITH HORNBLENDE GRANODIORITE IN N.E. TAS. W ASSOC. WITH KING IS. ADAMELLITE. Sn-Ag-Pb-Zn ZONES ABOUT HEEMSKIRK ADAMELLITE. W-Sn-Cu-Pb-Zn ZONES ABOUT SCAMANDER TIER BIOTITE ADAMELLITE	
LATE PRECAMBRIAN - MIDDLE DEVONIAN	LACHLAN PROVINCE OF TASMAN GEOSYNCLINE: DUNDAS - BARRINGTON - DIAL RANGE - MATHINNA TROUGHS	MIDDLE DEVONIAN L2 Tabberabberan folding GRANITE (515MY) X C L1 Dominantly Keratophyresuite SEPENTINITES S Tyennan-Hardstaff, Jukesian Movements			Cu ORE AT QUEENTOWN, Pb-Zn ORE AT ROSEBERY ASSUMED PRESENT FORM. Cu ORE AT QUEENTOWN, Pb-Zn ORE AT ROSEBERY ASSOC. WITH VOLCANICS & PROBABLY OF EXHALATIVE ORIGIN. SMALL Cu-Ni, Fe-Cr-Os OCCURENCES IN SERPENTINITE. Fe-ORE ASSOC. WITH BASIC INTRUSIONS AT SAVAGE RIVER.	
> 700 MY.	TYENNAN-ROCKY CAPE PROVINCE	UNDIFFERENTIATED-UPPER COMPARITIVELY UNMETA-MORPHOSED SEDIMENT WITH DOLERITE (700MY) LOWER METASEDIMENT & AMPHIBOLITES.	PENGUIN FOLDING, FRENCHMAN FOLDING. X E WEST KING ISLAND GRANITE 715 MY.			

- o EXTINCT TERTIARY ALKALI-BASALT VOLCANIC CENTRES
- HIGH ANGLE FAULT
- ACCURATE STRUCTURE CONTOURS IN METRES
- TREND OF FOLDS OF OROGENIC BELTS