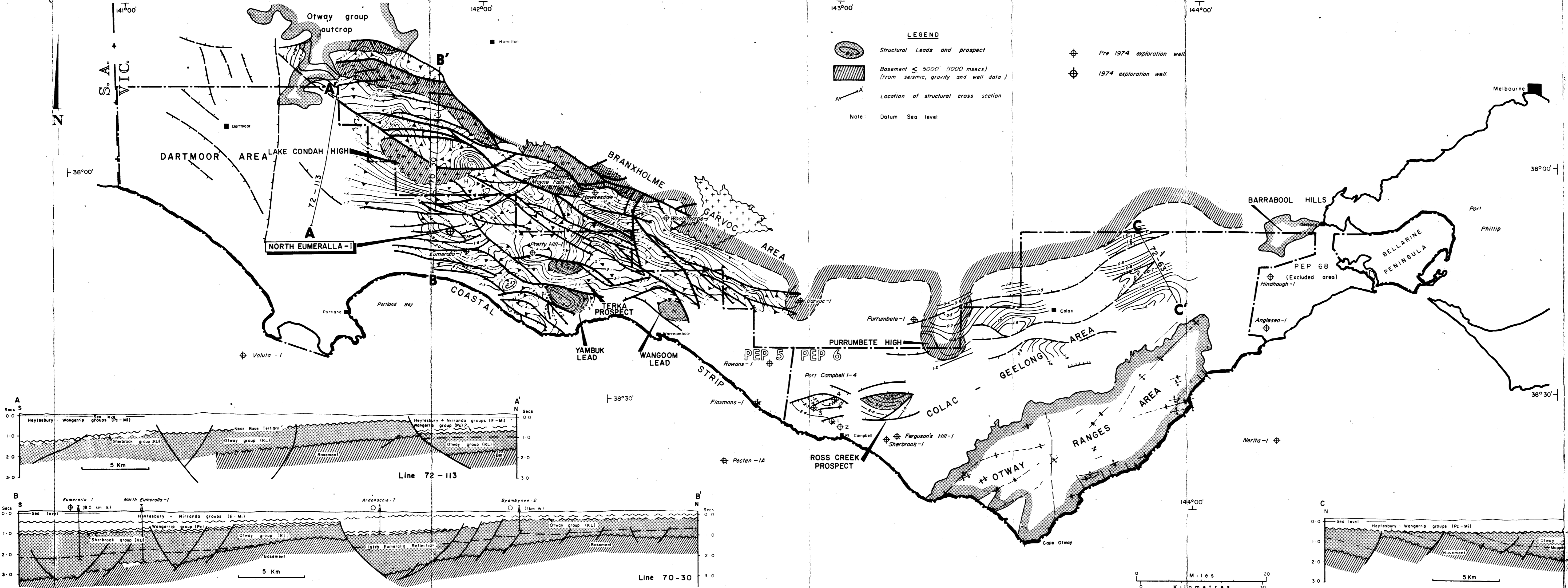


W678



LEGEND

○ Structural Leads and prospect

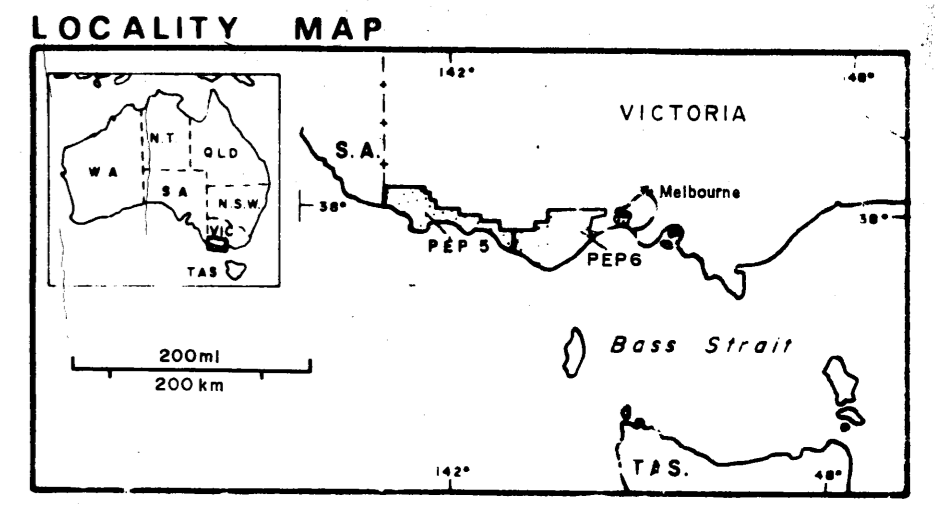
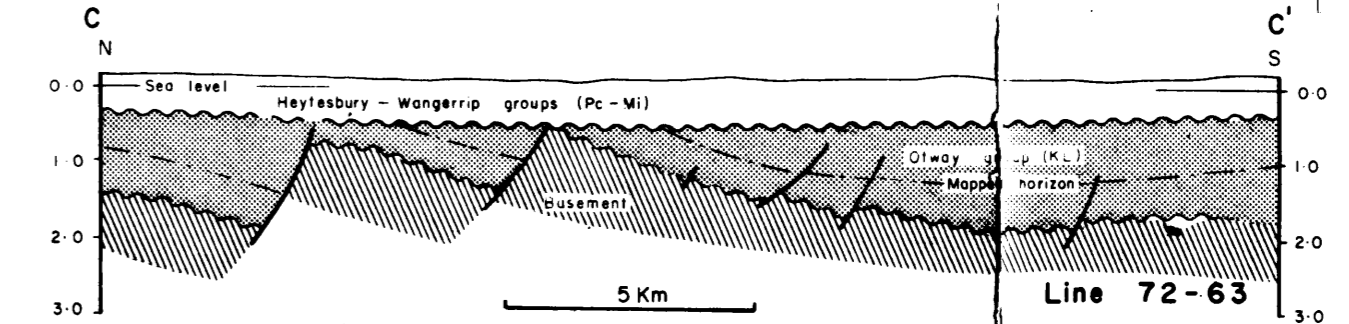
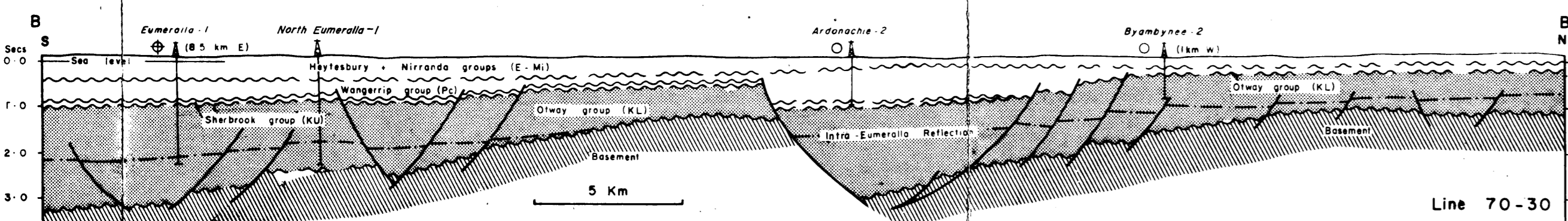
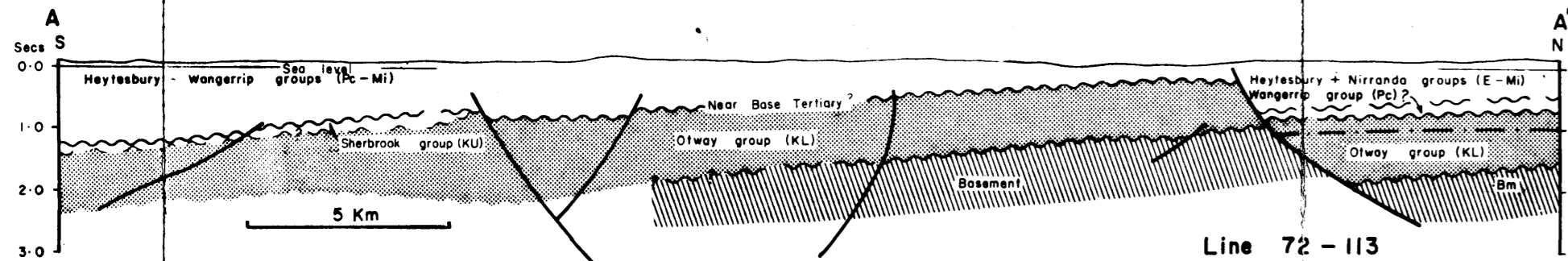
▨ Basement ≤ 5000' (1000 msec.) (from seismic, gravity and well data)

— A—A' Location of structural cross section

Note: Datum Sea level

⊕ Pre 1974 exploration well

⊕ 1974 exploration well.



AGE	GROUP/FORMATION	FACIES		LITHOLOGY
		N	Basinward-S	
TERTIARY	PI	Haylesbury Group	Pi Campbell Lst	Biogenic lime packstones and grainstones
	MI	Wangarrup Group	Gellibrand Clifton	Fine green fossiliferous marl
	OI	Nirranda Group	Nirranda	Sandy, pink, biogenic lime packstone
	E	Wangarrup Group	Mapunga St	Grey, biogenic marl, ferruginous at base
	Pc	Wangarrup Group	Dixie Fm, Pabbie Pt	Quartzite, silt, coal, calcareous
UPPER CRETACEOUS	Ma	Sherbrook Group	Curdies Fm	Ox. sst., siltst., coal
	Ca	Parrot Fm	Parrot Fm	Pelley sandstone, shale
	Sa	Beifast	Beifast	Siltst., siltst., shale
	Co	Flaxmans	Flaxmans	Pelley sst., shale
	Tu	Woorre Fm	Woorre Fm	Ox. sst., carbonaceous
	Ce	Eumeralla Fm	Eumeralla Fm	Green tuffaceous sst., siltst., some coal
	Ab	Port Campbell Group	Port Campbell	Ox. sandstone, clay matrix
LOWER CRETACEOUS	Ap	Otway Group	Port Campbell	Ox. sandstone, clay matrix
	Br	Otway Group	Port Campbell	Ox. sandstone, clay matrix
	Hf	Otway Group	Port Campbell	Ox. sandstone, clay matrix
	Va	Otway Group	Port Campbell	Ox. sandstone, clay matrix
	Be	Otway Group	Port Campbell	Ox. sandstone, clay matrix
Ju	Basal Unit	Basal Unit	Shale, interbedded volcanics, sst.	
Pz	Basement	Basement	Metasediments, granites	

DEPT. NAT. RES & ENV
PE902314

SHELL DEVELOPMENT(AUSTRALIA) PTY. LTD.

OTWAY BASIN, PEP 5 & PEP 6

PLAY MAP **NORTH EUMERALLA**

REFLECTION TIME CONTOURS

LOWER CRETACEOUS INTRA-EUMERALLA

Scale 1:500,000

Author: South Aust. Team Date: April 1974

Report No.: S.D.A. 182 Encl. 3. Drawing No.: 5911-4