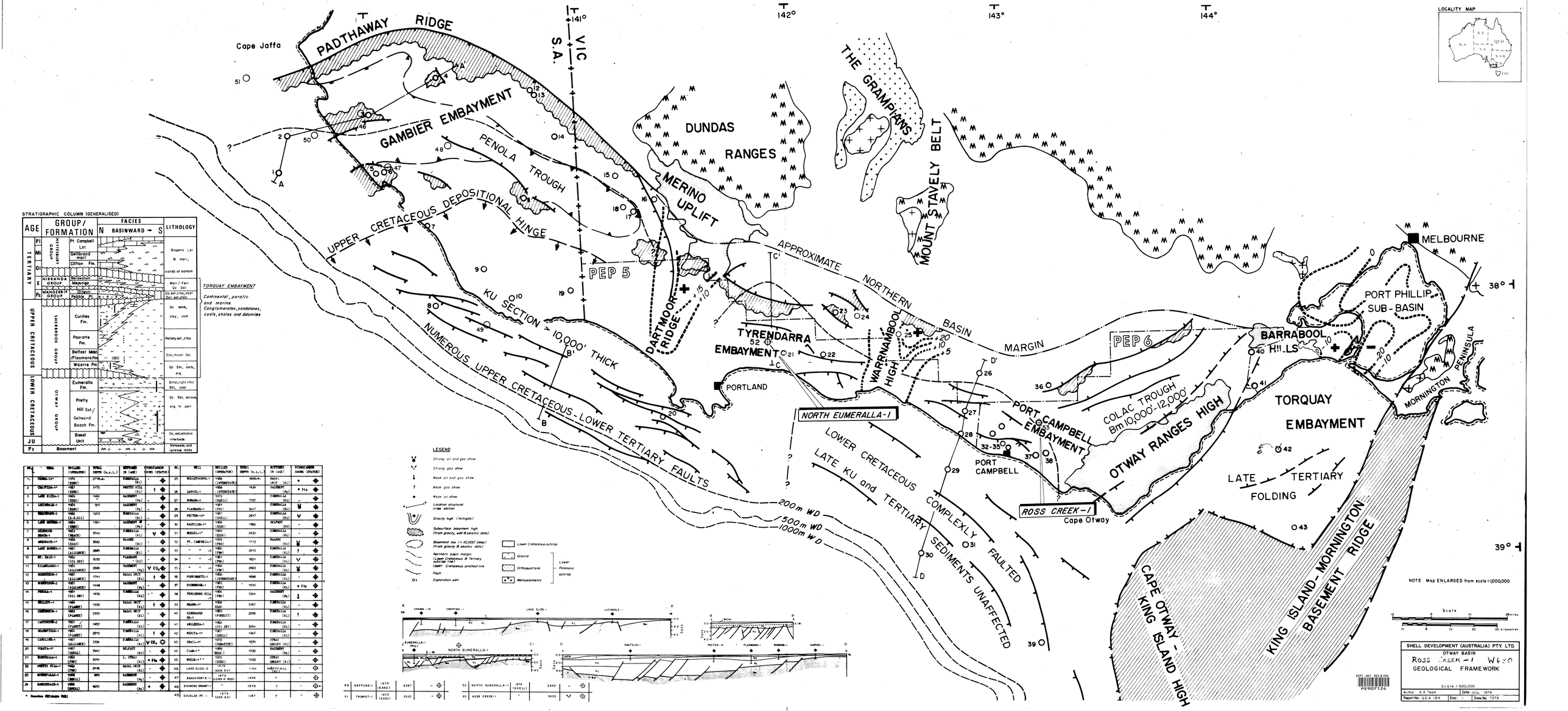

STRATIGRAPHIC COLUMN (GENERALISED)

AGE	GROUP / FORMATION	FACIES (N ← BASINWARD → S)	LITHOLOGY
TERTIARY Pl	HEYTESBURY GROUP — Pt. Campbell Ls.		Biogenic Ls.
TERTIARY Mi	HEYTESBURY GROUP — Gellibrand marl		B. marl, sandy at bottom
TERTIARY Ol	HEYTESBURY GROUP — Clifton Fm.		
TERTIARY E	NIRANDA GROUP — Narrawaturk Marl; Mepunga Fm.		Marl / Fer. Qz. Sst.
TERTIARY Pc	WANGERRIP GROUP — Dilwyn Fm.; Pebble Pt. Fm.		Qz. sst., clay, coal; Qz. sst., clay
UPPER CRETACEOUS	SHERBROOK GROUP — Curdies Fm.		Qz. sand, clay, coal
UPPER CRETACEOUS	SHERBROOK GROUP — Paaratte Fm.		Pebbly sst., clay
UPPER CRETACEOUS	SHERBROOK GROUP — Belfast Mdst. / Flaxmans Fm.		Slst., minor Sst.
UPPER CRETACEOUS	SHERBROOK GROUP — Waarre Fm.		Qz. Sst., carb., arg.
LOWER CRETACEOUS	OTWAY GROUP — Eumeralla Fm.		Slst., light lithic Sst., coal
LOWER CRETACEOUS	OTWAY GROUP — Pretty Hill Sst. / Gellwond Beach Fm.		Qz. Sst., porous, arg. in part
LOWER CRETACEOUS	OTWAY GROUP — Basal Unit		Sh., slst., volcanic interbeds
JU			
Pz	Basement		Metaseds. and igneous rocks

TORQUAY EMBAYMENT — Continental, paralic and marine. Conglomerates, sandstones, coals, shales and dolomites

LEGEND

- Strong oil and gas show
- Strong gas show
- Weak oil and gas show
- Weak gas show
- Weak oil show
- Location structural cross section
- Gravity high (-milligals)
- Subsurface basement high (from gravity, well & seismic data)
- Basement low (> 10,000' deep) (from gravity & seismic data)
- Northern basin margin (Lower Cretaceous & Tertiary subcrop line)
- Upper Cretaceous onchoal line
- Fault
- Exploration well
- Lower Cretaceous outcrop
- Granite
- Orthoquartzite
- Lower Paleozoic outcrop
- Metasediments

NO.	WELL	DRILLED (OPERATOR)	TOTAL DEPTH (t.s.l.)	BOTTOMED IN (AGE)	HYDROCARBON SHOWS (STATUS)
1	CRAIG-1*	1970 (SOH)	2798 m.	EUMERALLA (KL)	-
2	CROFTON-1*	1967 (SOH)	3475	PRETTY HILL (KL)	!
3	LAKE ELIZA-1	1969 (SOH)	1450 "	BASEMENT (Pz)	-
4	LOCHDALE-1	1969 (SOH)	1011	BASEMENT (Pz)	-
5	MACKENZIE-1	1962 (S.A.-Gill)	1203	EUMERALLA (KL)	-
6	LAKE GORDON-1	1969 (SOH)	1761	BASEMENT ? (Pz)	-
7	GELLIBRAND RIVER-1	1965 (Mobil)	3740	EUMERALLA (KL)	V
8	ARGONAUTE-1*	1968 (SOH)	3682	WAARRE (KU)	-
9	LAKE BOMBAH-1	1967 (ALLIANCE)	2885	EUMERALLA (KL)	-
10	MT. SALT-1	1962 (SOL DEV)	3055	FLAXMANS (KU)	-
11	KALANGADOO-1	1965 (ALLIANCE)	2686	BASEMENT (Pz)	V CO_2
12	ROBERTSON-1	1967 (ALLIANCE)	1741	BASAL UNIT (KL)	!
13	ROBERTSON-2	1967 (ALLIANCE)	1448	BASEMENT (Pz)	-
14	PENOLA-1	1961 (SOL DEV)	1456	EUMERALLA (KL)	-
15	WELLEN-1	1964 (PLANET)	1556	BASAL UNIT (KL)	!
16	CARPENTER-1	1965 (PLANET)	2350	BASAL UNIT (KL)	-
17	CARPENTER-2	1967 (PLANET)	1857	EUMERALLA (KL)	-
18	HEATHFIELD-1	1964 (PLANET)	2212	EUMERALLA (KL)	!
19	CANOLINE-1	1967 (ALLIANCE)	1534	EUMERALLA (KL)	V CO_2
20	YOLETA-1*	1967 (SHELL)	3960	BELFAST (KU)	-
21	TYRENDARRA-1	1967 (TPM)	3091	L. EYRE (KL)	* Fls
22	PRETTY HILL-1	1966 (TPM)	2416	BASAL UNIT (KL)	-
23	ROBERTSON-3	1968 (SOH)	839	BASEMENT (Pz)	-
24	BARRABOOL-1*	1968 (SHELL)	9855	BASEMENT (Pz)	-

* Denotes Oil shows (s).

NO.	WELL	DRILLED (OPERATOR)	TOTAL DEPTH (t.s.l.)	BOTTOMED IN (AGE)	HYDROCARBON SHOWS (STATUS)
25	WOOLSTHORPE-1	1966 (INTERSTATE)	1846 m.	BASEMENT (Pz)	*
26	GARVOC-1	1966 (INTERSTATE)	1424	BASEMENT (Pz)	* Fls
27	ROMANS-1	1972 (SHELL)	1727	EUMERALLA (KL)	-
28	FLAXMANS-1	1961 (TPM)	3617	EUMERALLA (KL)	!
29	PECTEN-1A*	1961 (SHELL)	2617	EUMERALLA (KL)	V
30	NAUTILUS-1*	1966 (SOH)	1982	BELFAST (KU)	-
31	MUSSEL-1*	1969 (SOH)	2420	EUMERALLA (KL)	-
32	PT. CAMPBELL-1	1959 (TPM)	1712	WAARRE (KU)	!
33	" -2	1960 (TPM)	2610	EUMERALLA (KL)	!
34	" -3	1961 (TPM)	1621	EUMERALLA (KL)	V
35	" -4	1964 (TPM)	2463	EUMERALLA (KL)	!
36	PURPLEBEETLE-1	1966 (INTERSTATE)	1668	EUMERALLA (KL)	-
37	SHERBROOK-1	1963 (TPM)	1510	EUMERALLA (KL)	* Fls
38	PERCHERONS HILL-1	1964 (TPM)	3344	BASEMENT (Pz)	!
39	PEARL-1*	1966 (SOH)	3167	EUMERALLA (KL)	-
40	KERRIMUIR OIL-1	1960 (PURSUIT)	2096	EUMERALLA (KL)	!
41	ANGLESEA-1	1962 (SOL DEV)	3044	EUMERALLA (KL)	-
42	HERITA-1*	1967 (SHELL)	1967	EUMERALLA (KL)	-
43	SNAIL-1*	1970 (INTERSTATE)	1234	OTWAY GROUP (KL)	-
44	CLAM-1*	1969 (SOH)	1592	BASEMENT (Pz)	-
45	WHELK-1*	1970 (SOH)	1432	OTWAY GROUP (KL)	-
46	LAKE ELIZA-2	1971 (SEN. EX.)	1140	PRETTY HILL (KL)	-
47	BEACH PORT E-1	1973 (SUN. & MEX.)	1406	?	-
48	DIAMOND SWAMP-1	"	1570	?	-
49	DOUGLAS PT.-1	1973 (SEN. EX.)	1187	?	-
50	NEPTUNE-1	1973 (ESSO)	2397	-	-
51	TRUMPET-1	1973 (ESSO)	2220	-	-
52	NORTH EUMERALLA-1	1974 (SHELL)	2940	-	-
53	ROSS CREEK-1	"	3600	V	-