

**CORRESPONDENCE**

DEPT. NAT. RES & ENV



PE903034

**508.**

NERITA - 1

NERITA No. 1

OIL and GAS DIVISION

15 JUL 1982

K.K. No.	Depth (m)	$\bar{R}_V$ max	Range	N	Exinite Fluorescence (Remarks)
DEMONS BLUFF FORMATION 360m					
15368	626 Ctgs	0.26	0.23-0.32	6	Rare sporinite and dinoflagellates, yellow to orange. (Sandstone, clay-rich, d.o.m. rare, V>I=E. Vitrinite rare. Pyrite abundant.)
BOONAH SANDSTONE 654m					
15369	733 Ctgs	0.40	0.34-0.50	20	Exinite common to abundant, sporinite, greenish yellow to orange, resinite orange to brown, suberinite brown. (Coal, clarite and vitrite. Rare fungal sclerotinite, no other inertinite. V>I>E. V approx 90%+.)
EASTERN VIEW COAL MEASURES 741m					
15370	821 Ctgs	0.40	0.35-0.47	20	Exinite abundant, sporinite greenish yellow to orange, cutinite and resinite orange, suberinite brown. (Coal, some vitrite and clarite, but large amounts of duroclarite, containing inertodetrinite, semifusinite and sclerotinite. Suberinite is the most abundant exinite maceral. V>I=E, V approx. 80%.)
15527	1155 Ctgs	0.49	0.42-0.54	20	Exinite abundant, sporinite and cutinite yellow to orange. Exsudatinite orange, bitumen orange. (Coal, dominantly duroclarite, on a mineral free basis, approx. 85-90% V, 5-10% E, 5% I. Sporinite>cutinite. Approx. 30% sandstone with d.o.m. rare.)
LOWER EASTERN VIEW COAL MEASURES 1250m					
15528	1455 Ctgs	0.49	0.37-0.56	20	Exinite sparse but common in some of the finer clastics, sporinite, yellow to orange, cutinite and resinite orange, (Sandstone>coal>siltstone=claystone. Coal dominantly massive textolinite, but some duroclarite present. D.o.m. rare in the sandstone but abundant in most of the finer clastics, sparse overall, V>E>I. In the coal V>>E>I.)
OTWAY GROUP 1462m					
15371	2037 Ctgs	0.52	0.42-0.58	8	Rare sporinite, yellow orange to orange. (Sandstone=siltstone>claystone. D.o.m. rare to sparse, I>E>V. Vitrinite rare, may be cavings in part. However, the dominance of inertinite contrasts with the other samples, and the vitrinite is associated with "Otway" rather than "Eastern View" lithologies.) T.D. 2142m