

JOB NO, 1908, FLINDERS-1

Sample No(s)	Depth(m)/ Sample type	R_v max (%)	Range (%)	N	Description Including Liptinite Fluorescence Characteristics
v7406	2344 I Ctgs II III	1.04 2.30* * 4.17-6.96	0.84-1.24 1.67-2.62 * 4.17-6.96	27 10 ?	Rare sporinite and cutinite, dull orange to brown. (Calcareous silty sandstone>carbonate>coal>shaly coal. Coal abundant, vitrite>vitrinertite. Mineral-free maceral group composition of the coal: vitrinite - 90%, inertinite - 10%, liptinite - tr. Shaly coal abundant, vitrite>vitrinertite. Mineral-free maceral group composition of the shaly coal: vitrinite - 95%, inertinite - 5%, liptinite - tr. Dom abundant, V>I. Vitrinite and inertinite abundant, liptinite absent. High rank coals and semi-coke rare, R_v max = 4.17% - 6.96%. ?Coal cavings abundant. The population with reflectances in the range 1.67 to 2.62% is the most abundant but that in the range 0.83 to 1.24% generally occurs as larger fragments. For this reason, it is thought to be more likely to be from the nominated horizon. Mineral fluorescence pervasive, faint green to dull orange. Iron oxides common. Pyrite common.)
					* probably cavings
v7407	2363 I Ctgs II	0.87 1.80*	0.67-1.06 1.30-2.23 3.98-8.45	26 7 5	Sparse sporinite and cutinite, dull orange to brown. (Calcareous silty sandstone>carbonate>coal. Coal abundant, vitrite>vitrinertite>clarite. Mineral-free maceral group composition of the coal: vitrinite - 95%, inertinite - 4%, liptinite - 1%. Coke rare, R_v max = 4.49% - 8.45%. ?Coal cavings abundant. Mineral fluorescence pervasive, faint green to dull orange. Iron oxides common. Pyrite common.)
					* probably cavings
v7408	2397.5 I Ctgs	0.70	0.60-0.77	28	Sparse sporinite, orange to dull orange, rare cutinite, resinite, liptodetrinite and <u>Botryococcus</u> -related telalginite, orange to dull orange. (Calcareous sandstone>carbonate>igneous rock fragments>calcareous siltstone>coal>shaly coal. Coal abundant, V>>I>L. Vitrite>>vitrinertite>clarite>duroclarite. Mineral-free maceral group composition of the coal: vitrinite - 94%, inertinite - 5%, liptinite - 1%. Shaly coal common, V>>I>L. Vitrite>> clarite. Dom abundant, V>I>>L. Vitrinite abundant, inertinite common, liptinite rare. Mineral fluorescence patchy, yellow to dull orange. Coal cavings rare, R_v ranges from 1.89 to 2.04%. Iron oxides common. Pyrite common.)
v7445	2417 I Ctgs II	0.72 2.03	0.60-0.86	26 1	Sparse cutinite, orange to dull orange, rare resinite, dull orange, rare sporinite and liptodetrinite, yellow to orange. (Siltstone>carbonate>sandstone>coal>igneous rock fragments. Coal common, V>I>L. Vitrite>duroclarite>inertite. Dom abundant, I>V>L. Inertinite and vitrinite common, liptinite sparse. Rare cavings R_v approximately 2.0%. Mineral fluorescence pervasive, faint green to dull orange. Iron oxides abundant. Pyrite common.)
v7409	2456.0 I Ctgs	0.64	0.53-0.81	27	Sparse sporinite, orange to dull orange, rare cutinite, resinite and liptodetrinite, orange to dull orange. (Calcareous sandstone>>carbonate>calcareous siltstone>coal. Coal sparse, V>>I>L. Vitrite>>vitrinertite>clarite>duroclarite. Dom sparse, V>L>I. Vitrinite and liptinite sparse, inertinite rare. Bitumen rare, orange to dull orange. Mineral fluorescence patchy, yellow to dull orange. Coal cavings rare, R_v ranges from 0.90 to 2.53%. Iron oxides abundant. Glauconite rare. Pyrite sparse.)