

## JOB NO, 1908, FLINDERS-1

Sample No(s)	Depth(m)/ Sample type	R <sub>V</sub> max (%)	Range (%)	N	Description Including Liptinite Fluorescence Characteristics
v7446	2461 I Ctgs	0.69	0.54-0.82	27	Sparse sporinite, orange to dull orange, rare cutinite and resinite, yellow to dull orange, rare lamalginites yellow to orange. (Sandstone>siltstone>igneous rock fragments>carbonate>coal>shaly coal. Coal abundant, vitrite>clarite=inertinite. Mineral-free maceral group composition of the coal: vitrinite - 80%, inertinite - 18%, liptinite - 2%. Shaly coal sparse, V>>I>L. Vitrite=clarite. Dom abundant, V>>I>L. Vitrinite abundant, inertinite sparse, liptinite sparse. Bitumen rare, orange. Iron oxides common. Glauconite sparse. Pyrite common.)
v7447	2504 I Ctgs II	0.75 4.35	0.63-0.85 4.21-4.74	26 4	Common sporinite, cutinite, resinite and liptodetrinite, yellow to dull orange. (Sandstone>siltstone>igneous rock fragments>coal=shaly coal>claystone. Coal abundant, Mineral-free maceral group composition of the coal: vitrinite - 78%, inertinite - 11%, liptinite - 11%. Vitrite>clarite>inertite. Shaly coal abundant, Mineral-free maceral group composition of the shaly coal: vitrinite - 80%, inertinite - 6%, liptinite - 14%. Vitrite>clarite>inertite. Dom abundant, V>L>I. Vitrinite abundant, liptinite common, inertinite sparse. Semi-coke rare, R <sub>V</sub> max = 4.21 - 4.74%. Oil drops rare, green. Mineral fluorescence pervasive, faint green to dull orange. Iron oxides sparse. Pyrite common.)
v7410	2511.0 I Ctgs	0.69	0.54-0.77	28	Sparse sporinite and liptodetrinite, orange to dull orange, rare cutinite and resinite, orange to dull orange. (Calcareous siltstone>calcareous sandstone>carbonate>>coal. Coal rare, V>>I>L. Vitrite>>clarite. Dom abundant, V>I>L. Vitrinite abundant, inertinite common, liptinite sparse. Bitumen rare, dull orange to brown. Oil drops rare, yellow. Mineral fluorescence pervasive, faint green to dull orange. Coal cavings rare, R <sub>V</sub> of about 1.90%. Iron oxides common. Pyrite abundant.)
v7448	2553 I Ctgs II	0.70 1.92	0.59-0.93 1.74-2.22	25 11	Rare sporinite, cutinite and lamalginites, yellow to dull orange, rare resinite, yellow. (Sandstone>igneous rock fragments>siltstone> carbonate>coal>shaly coal. Coal common, V>>I>L. Vitrite>clarite>duroclarite>inertite. Shaly coal sparse, V>>I=L. Vitrite>clarite>duroclarite. Dom abundant, V>>I>L. Vitrinite abundant, inertinite sparse, liptinite rare. Mineral fluorescence pervasive, moderate green to dull orange. Iron oxides abundant. Pyrite common.)
v7411	2599.0 I Ctgs	0.69	0.60-0.82	26	Sparse sporinite, orange to dull orange, rare cutinite, resinite and liptodetrinite orange to dull orange. (Sandstone>igneous rock fragments>carbonate>>coal. Coal common, V>>I>L. Vitrite>>clarite. Dom sparse, V>L>I. Vitrinite and liptinite sparse, inertinite rare. Mineral fluorescence patchy, yellow to dull orange. Coal cavings rare, R <sub>V</sub> of about 1.93%. Iron oxides common. Pyrite sparse.)