

## JOB NO, 1908, FLINDERS-1

Sample No(s)	Depth(m)/ Sample type	R <sub>v</sub> max (%)	Range (%)	N	Description Including Liptinite Fluorescence Characteristics
v7403	2081 Ctgs	2.05	1.80-2.14	27	Fluorescing liptinite absent. (Sandstone>carbonate>altered igneous rock fragments>siltstone>coal=shaly coal. Coal common, vitrite only. Mineral-free maceral group composition of the coal: vitrinite - 100%, inertinite - tr., liptinite - 0.0%. Shaly coal common, vitrite only. Mineral-free maceral group composition of the coal: vitrinite - 100%, inertinite - tr., liptinite - tr. Dom abundant, V>>I. Vitrinite abundant, inertinite sparse, liptinite absent. Mineral fluorescence pervasive, faint green to weak orange. Iron oxides sparse. Glauconite sparse. Pyrite common.)
v7442	2125 I Ctgs II * probably cavings	*1.02 1.81	0.68-1.35 1.64-2.09	12 28	Fluorescing liptinite absent. (Sandstone>siltstone>carbonate>coal. Coal abundant, V>>I. Vitrinite. Mineral-free maceral group composition of the coal: vitrinite - 100%, inertinite - <0.1%, liptinite - absent. Dom sparse, V>I. Vitrinite sparse, inertinite rare, liptinite absent. Mineral fluorescence pervasive, faint green to dull orange. Iron oxides common. Pyrite rare.)
v7404	2143 Ctgs	2.13	1.76-2.33	30	Fluorescing liptinite absent. (Siltstone>sandstone>coal>shaly coal. Coal common, V>>I. Vitrinite. Shaly coal sparse, V>>I. Vitrinite. Dom common, V>>I. Vitrinite common, inertinite rare. Mineral fluorescence pervasive, faint green to dull orange. Iron oxides abundant. Pyrite sparse.)
v7443	2155 I Ctgs II * probably cavings	*0.61 1.96	0.42-0.78 1.62-2.58	8 31	Fluorescing liptinite absent. (Siltstone>claystone>carbonate>coal. Coal sparse, V>>I. Vitrinite. Dom common, V>I. Vitrinite common, inertinite rare, liptinite absent. Mineral fluorescence patchy, orange to dull orange. Iron oxides abundant. Pyrite sparse.)
v7405	2178 II Ctgs III	2.19 4.49	1.85-2.57 3.20-5.70	18 18	Fluorescing liptinite absent. (Sandstone>siltstone>"semi coke">coal. "Semi coke" abundant, showing some vesicles but mosaic structures weakly developed or absent. Coal sparse, V>>I. Vitrinite. Dom common, V>>I. Vitrinite common, inertinite rare. Population III includes some semi-coke and high rank but nearly isotropic vitrinite that has been proximal to an intrusion. Mineral fluorescence pervasive, faint green. Iron oxides abundant. Pyrite sparse.)
v7444	2304.5 Ctgs	1.89	1.65-2.15	28	Fluorescing liptinite absent. (Siltstone>claystone>carbonate>sandstone>coal. Coal sparse, I>V. Inertinite>vitrite. Dom abundant, I>>V. Inertinite abundant, vitrinite common, liptinite absent. Mineral fluorescence patchy, yellow to dull orange. Iron oxides sparse. Pyrite abundant.)