

## SQUID NO. 1

K.K. No.	Depth (m)	$\bar{R}_V$ max	Range	N	Exinite Fluorescence (Remarks)
x1336	1945-1960 ?Ctgs	0.40	0.32-0.51	28	Common sporinite, yellow to yellow orange, rare fluorinite, green, rare resinite and cutinite, dull orange. (Silty claystone>sandstone>coal. Coal abundant, V>E>>I. Clarite>vitrinite. Dom common, V>E>I. Vitrinite common, exinite and inertinite sparse. Abundant pyrite.)
x1337	1975-1990 ?Ctgs	0.43	0.35-0.53	28	Sparse sporinite and resinite, yellow to yellow orange. (Claystone>siltstone>coal. Coal sparse, V>E. Clarite>vitrinite. Dom abundant, V>E>I. Vitrinite abundant, exinite and inertinite sparse. Common pyrite.)
x1338	2200-2215 ?Ctgs	2.05*	1.77-2.35	25	No exinite fluorescence. (Coal>sandstone>siltstone. Coal dominant, ls-thermally altered vitrinite and clarite. Dom common, V. Vitrinite is thermally altered, inertinite and exinite absent. Common carbonate and pyrite.)
* Thermally altered vitrinite					
x1339	2260-2275 ?Ctgs	1.98*	1.80-2.12	29	No exinite fluorescence. (Coal>>claystone>sandstone. Coal, dominant as thermally altered vitrinite. Dom sparse but abundant where present, V. Inertinite and exinite absent.)
* Thermally altered vitrinite					
x1340	2365-2380 Ctgs	0.56 <sup>1</sup>	0.44-0.66	17	Rare liptodetrinite, orange. (Altered igneous rock>siltstone>claystone>coal. Coal major, thermally altered with rare sclerotinite. Dom common, V. Inertinite and
		2.05 <sup>2</sup>	2.00-2.60	9	exinite absent. Some vitrinite has brown fluorescence.
		6.26 <sup>3</sup>	4.06-7.88	8	(1) (2) and (3) represent progressively more intensely thermally altered vitrinite. Population (1) has a reflectance near to the reflectance of x1337 but the paucity of fluorescing exinite suggests that it has suffered contact alteration.)
x1341	2425-2440 ?Ctgs	0.55	0.45-0.66	27	Abundant sporinite, yellow to orange, abundant suberinite, brown, abundant resinite, yellow to brown, common cutinite, orange to brown, common fluorinite, green to yellow. Rare exsudatinite, yellow. (Coal>siltstone>sandstone. Coal major, V>E>>I. Clarite>vitrinite. Coal is Upper Eastern View facies. Dom common, V>E>I. Vitrinite common, exinite sparse, inertinite rare. Weak green oil cuts from clarite. Sparse carbonate.)
x1342	2530-2545 ?Ctgs	0.55	0.47-0.68	28	Common sporinite and resinite, yellow to orange, sparse cutinite, bright yellow and dull orange, sparse fluorinite, green to yellow. (Siltstone>claystone>coal>igneous rock and carbonate>shaly coal. Shaly coal sparse, V>E>>I. Coal common, V>E>I. Vitrinite common, exinite sparse, inertinite rare. Abundant carbonate. Sparse pyrite.)
x1343	2750-2765 ?Ctgs	0.54	0.46-0.63	20	Common sporinite, yellow to orange, sparse cutinite, orange, sparse resinite, yellow. (Siltstone>igneous rock and carbonate. Dom common, V>E>I. Vitrinite abundant, exinite common, inertinite sparse. Sparse pyrite.)