

TABLE 4: (continued)

Depth (m)	Exinite Macerals	Lithology/Comments
3907*	lama (Ra;nof1), lipto (Ra;nof1) spo (Vr;nof1)	Shale
3933-3942	bmite (Ab;nof1), lipto (Sp;nof1), cut (Ra;nof1), exs (Ra;nof1), ?oil (Vr;iY,mO)	Chiefly shale, 5-10% coal, ≈5% sandstone, ≈5% carb. shale; bituminite is extensively micrinitised. Bedding in some shale cuttings is contorted by the turbo drilling bit, however, cuttings do not appear to be oxidised (Plate 9)
4032-4041	bmite (Co-Ab;nof1), spo (Ra; nof1), cut (Vr;nof1), ?oil (Tr;mO)	Chiefly shale, 10-15% sand- stone, 5-10% siltstone, 5-10% carb. shale, ≈5% coal. ?Oil occurs in sandstone (?cavings). Bituminite as above
4085*	lama (Ra;nof1), bmite (Ra;nof1), lipto (Ra;nof1)	Shale; bituminite as above.
4104-4113	bmite (Ab;nof1), ?oil (Ra-Vr; iG-mO), spo (Vr;nof1)	Chiefly shale, 10-20% carb. shale, ≈10% sandstone, ≈5% siltstone, <5% coal; some sandstone, siltstone and shale cuttings appear oil saturated. Some shales contain up to 20% bituminite (extensively micrinitised)
4185-4194	bmite (Ab;nof1), ?oil (Vr-Tr; iY-mO)	Chiefly shale with silty bands, ≈5% carb. shale; bituminite (extensively micrinitised) occurs in bituminite rich bands (0.1-0.3 mm thick). ?Oil occurs in the silty bands
4247*	lama (Ra;nof1), lipto (Ra;nof1)	Carbonate rich shale

*SWC

**Core