

TABLE 4: (continued)

Depth (m)	Exinite Macerals	Lithology/Comments
2961-2970	bmen (Ma;dO),res (Co-Ab;mO-dB), sub (Co-Ab;dO-dB),spo (Co;mO), cut (Sp;mO-dO),exs (Sp;dB),oil (Vr;iG)	Chiefly coal, 20-30% bmen, 15-20% sandstone, 10-15% siltstone, 5-10% carbon- aceous shale, <5% carbonate; oil is "bleeding" from fractures in the coal
3357-3366	res (Ra-Sp;dO-nof1),sub (Ra-Sp; dB-nof1),spo (Ra;mO-dO),bmite (Ra;dB),bmen (Ra-dB),lipto (Ra; dO),lama (Ra-Vr;mO-dO)	30-40% sandstone, 20-30% shale and siltstone, 20-30% coal and carbonaceous shale, 5-10% carbonate; bitumen may be a contaminant. Some shale fragments contain up to 20% exinite.
3123-3132	spo (Ab;mO-dO),res (Ab;dB), cut (Sp;dO),bmite (Sp;dB), sub (Ra;dB)	Chiefly fine-grained sand- stone, 20-30% coal, 10-20% siltstone and shale; some contain up to 30% exinite
3474-3483	spo (Co;mO-dO),cut (Sp;dO), res (Sp;dO-dB),lama (Ra;mO- dO),lipto (Ra;mO-dB),exs (Vr; iY-iO)	Chiefly sandstone, 20-30% siltstone and shale, 15-20% coal; ?oil occurs in the siltstone and shale cuttings. Some coals and siltstones contain 25-30% exinite
3627-3636	spo (Sp;dO),lipto (Sp;dO), cut (Ra;dO),res (Ra;dB),?oil (Tr;mO)	Chiefly sandstone, 20-30% siltstone and shale, 10-20% coal, 5-10% carbonaceous shale, ?oil occurs in the carbonaceous shales
3710*	lipto (Ra-Vr;dO-dB),lama (Vr; nof1),spo (Tr;nof1)	Shale
3717-3726	spo (Ra;dO-nof1),cut (Ra;dO- nof1),bmite (Ra;dB-nof1), lipto (Ra;dB-nof1),?oil (Tr; iY,mO)	~30% coal, 20-30% sandstone, 20-30% siltstone and shale, 10-20% carbonaceous shale; ?oil in the carb. shale has a moderate orange fluorescence. Two phases of oil (intense yellow and moderate orange fluorescence) occur in the siltstones
3789-3798	res (Ra;nof1),lipto (Ra;nof1), spo (Vr;nof1),cut (Vr;nof1), bmite (Vr;nof1),oil (Vr;iG-mO)	Chiefly sandstone, 10-15% shale and siltstone, 5-10% coal and carb. shale; some coal and carb. shale cuttings contain up to 20% exinite. Oil in carb. shale as above. Two phases of oil in the siltstones have intense green to intense yellow fluorescence