

Sun Cdn Sup Thetlaandoa							
D-033-A 094-P-11							
Date Logged: May, 1999							
Logged by: PETREL ROBERTSON CONSULTING LTD.							
Remarks: Core #1 404.00-408.50 m Cut: 4.50 m Rec'd: 4.10 m 3 boxes							
Core #2 408.50-416.80 m Cut: 8.30 m Rec'd: 8.00 m 6 boxes							
Core #3 416.80-425.80 m Cut: 9.00 m Rec'd: 9.00 m 6 boxes							
Core #4 425.80-435.00 m Cut 9.20 m Rec'd: 9.20 m 7 boxes							
Core #5 435.00-440.00 m Cut: 5.00 m Rec'd: 4.85 m 4 boxes							
3.375-inch core; slabbed; immaculate shape; 1.5 m off depth.							
FORMATION	METERS	LITHOLOGY	PHYSICAL STRUCTURES	ACCESSORIES	FOSSILS	STAIN	FACIES ASSOCIATION
REMARKS							
MIDDLE RUNDLE 2	-406				★		Medium brown; poorly sorted, coarse grained skeletal packstone with 20% very coarse skeletal debris.
							Well sorted, fine-grained packstone, in basal 20 cm planar (low angle) cross-bedded with interbeds of very coarse-grained packstone.
							Coarse to very coarse-grained, fair to well sorted packstone.minor wackestone/packstone; all mud-supported.
	-408			CH	★		Medium brown, aphanitic, dense mudstone, massive to nodular, with minor coarse skeletal debris. Calcareous mudstone beds.
							Laminae of black SHALE; a few bands with coarse crinoidal debris.
					★		As in interval 407.30-408.10 m.
	-410						Light to medium brown, interbedded fine- to coarse-grained, well sorted packstone with wackestone. Basal metre essentially very fine-grained packstone; and upper two metres as well. Minor, wispy, black SHALE laminae.
	-412						
	-414						
	-416				★		Dark brown-black, barren, finely laminated.
MIDDLE RUNDLE 1							Dull dark greenish-grey, ?argillaceous, massive mudstone; basal 0.25 m crudely bedded calcareous mudstone, slightly fissile.
	-418						Interbedded, pure, dark brown mudstone/wackestone with crinoidal debris and black, argillaceous lime mudstone, laminated. Basal contact unconformable, with 1 cm relief.
	-420				★		Interbedded, banded (1) LIMESTONE, mudstone to wackestone, scattered coarser skeletal debris and (2) LIMESTONE, argillaceous, black, finely laminated. Shaly bands thinner than lime bands.
	-422						Medium brown; massive, homogeneous calcsiltite (packstone), ?pervasively bioturbated, upper metre oil stained.
	-424				★		Medium brown, aphanitic and dense mudstone.
							Medium brown; mudstone at base passing to oil-stained calcsiltite in upper half.
	-426						Interbedded (75:25) (1) LIMESTONE, aphanitic mudstone, dark brown, homogeneous; barren; and (2) MUDSTONE?SHALE, black, finely laminated. Even-bedded, banded fabric.
							Black, finely laminated; even-bedded, lime content increases in basal 30 cm.
	-428						Aphanitic mudstone; dark brown; indistinctly interbedded with very similar slightly argillaceous lime mudstone.
					★		As above, banded appearance.
LOWER RUNDLE	-430						Very well sorted calcsiltite (packstone), homogeneous, no fossil debris; oil stained throughout. Basal contact at 1 cm thick, jet black SHALE, finely laminated.
	-432						
	-434						Medium brown; few argillaceous stringers; base at 3 cm thick black shale, as above.
	-436						Poorly defined shoaling upwards cycles: (1) LIMESTONE, dark brown, aphanitic mudstone, massive and homogeneous with hints of bioturbation; minor black SHALE interbeds, shoaling to (2) LIMESTONE, medium brown massive calcsiltite (packstone), oil-stained.
	-438			CH			Nodules and irregular masses of black chert occur in former lithology.
	-440						