

SECTION 2.2 : CORE DESCRIPTIONS

One Wireline retrieved Full Hole Core (five runs) was taken at the Tanumbirini 1 location.

Total: 3198.00 m – 3288.18 m; 90.18 m cut, 90.18 m recovered, 100.0% recovery.

Core 1 Run 1: 3198.0 m to 3216.3 m (D); 18.3 m cut, 18.3 m recovered, 100% recovery.

Core 1 Run 2: 3216.3 m to 3234.3 m (D); 18.0 m cut, 18.0 m recovered, 100% recovery.

Core 1 Run 3: 3234.3 m to 3252.3 m (D); 18.0 m cut, 18.0 m recovered, 100% recovery.

Core 1 Run 4: 3252.3 m to 3270.3 m (D); 18.0 m cut, 18.0 m recovered, 100% recovery.

Core 1 Run 5: 3270.3 m to 3288.18 m (D); 17.88 m cut, 17.88 m recovered, 100% recovery.

CORE DESCRIPTION

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Well Name Tanumbirini 1 CORE No. 1 Run 1

Location: Latitude 16° 23' 56.7" S Interval 3198 m – 3216.3 m Cut 18.3 m

Longitude 134° 42' 13.8" E Recovery 18.3 m 100 %

Elevation: GL 214.5 m RT 222.6 m Formation Middle Velkerri Formation

Geologist J.Pitman Age

CORE ANALYSIS Desorption Preserved Not Preserved			RUN	DEPTH (m)	ROP m/hr	VIS. Ø	Fluor Good Fair Trace	LITHOLOGY	DESCRIPTION / COMMENTS
D	P	NP							
D1				3198					D1: 3198 – 3198.3m P2: 3198.3 – 3198.6m
	P1			3198.5	0.38				
		NP		3199	0.45			SILTSTONE	SILTSTONE: dark grey to very dark grey black, grading to CLAYSTONE, common micro mica, minor disseminated pyrite, minor carbonaceous inclusions, hard, fissile.
				3199.5	0.53				
				3200	0.52			SILTSTONE	SILTSTONE: dark grey to very dark grey black, grading to CLAYSTONE, common micro mica, minor disseminated pyrite, minor carbonaceous inclusions, hard, fissile.
				3200.5	0.55				
				3201	0.66			SILTSTONE	SILTSTONE: dark grey to very dark grey black, grading to CLAYSTONE, common micro mica, minor disseminated pyrite, minor carbonaceous inclusions, hard, fissile.
				3201.5	0.57				
				3202	0.79			SILTSTONE	SILTSTONE: dark grey to very dark grey black, grading to CLAYSTONE, common micro mica, minor disseminated pyrite, rare carbonaceous inclusions, hard, fissile.
				3202.5	0.91				
				3203	0.79			SILTSTONE	SILTSTONE: dark grey to very dark grey, grading to CLAYSTONE, common micro mica, minor disseminated pyrite, trace carbonaceous inclusions, finely arenaceous, hard, fissile.
				3203.5	0.84				