

PELICAN 2

Core 1 (9598-9620 ft) M. diversus

A very fine-grained argillaceous horizontal to low angle cross-bedded (hummocky cross-stratification?) bioturbated shoreface sand. Lower portion dominated by a series of episodic high energy events (storms?) with intervening bioturbation intervals. Siderite concretions and fluid escape structures are common.

Core 2 (9785-9810 ft) M. diversus

Gray coal embayment shales grading up fine-grained minor mouth bar sand (upper portion absent) overlain by a coal and organic rich shale.

Core 3 (9907-9931 ft) M. diversus

Crevasse splays associated with gray/green embayment shales. Splay sands are characteristically fine-grained, and exhibit burrows and carbonized rootlets suggesting marsh-like, organic-rich features. Sideritic sand (very fine-grained) noted at the bottom of the core.