

PELICAN 1

Core 1 (5600-5630 ft) demons bluff

Core 1 a black carbonaceous shale interpreted to be prodelta/offshore.
Contains marine dinoflagellate cysts.

Core 2 (5840-5861 ft) N. asperus

Highly bioturbated argillaceous very fine-grained lower shoreface sands
and silts. Trace fossils include chondrites and teichichnus.

Core 3 (7110-7130 ft) P. asperopolus

A coarsening up crevasse splay sequence capped by a coal and gray/black
organic-rich lagoonal/embayment shale. Plant fragments are common.
Interpreted as Delta plain.

Core 4 (7749-7776 ft) M. diversus

Fine to very fine-grained abandonment sequence exhibiting lenticular and
flaser bedding and overlain by black carbonaceous shales with intervening
flotan coals.

Core 5 (8354-8390 ft) M. diversus

A series of coarsening up minor mouth bars/splays characterized by
flaser/lenticular/wavy bedding and thin broken coal laminae.

Core 6 (8540-8570 ft) M. diversus