

TILANA

Core 1, 1665.0-1675.1m (5462-5495 ft) *N. asperus*

Core 1, approximately 33 ft of very fine to fine transgressive shoreface sands which can be subdivided into lower and middle shoreface. Middle shoreface sands lie above wavebase and exhibit contorted/convolute bedding and syngenetic fractures. Intraclasts (ripups), by their angular appearance, show little transport. Bioturbation is comprised of relatively high energy forms such as ophiomorpha.

Finer grained lower shoreface sands contain increasing clay matrix (upwards) and are heavily bioturbated by the characteristic trace fossils *asterosoma* and *chondrites*.

Core 2, 2788.6-2807.26m (9146-9211 ft) *L. balmei*

Core 2, overall, is a regressive coastal sequence with the interval 9190-9211 ft representing a coarsening up package of shoreface and beach very fine to very coarse grained sands. Shoreface and bay sands are characterized by ripple bedded flasers and horizontal to planar crossbeds with gravel lags associated with interbar zones. High energy events (storm) are common to the shoreface. Swash zones on the beachface are characterized by alternating coarse/fine grained couplets with gravel logs within the runnel zones.