Graphic log

Date: 1.6.16 Sheet number: 1

Locality: Hilbre Island Grid reference: SJ 187 877 Name: Jack

Scale	Lithology	Sedimentary structures	Grain size (Clay, Silt, V.F.S., F.S., M.S., C.S., V.C.S., Gran., Cob., Boul.)	Fossils, Palaeo-currents	Observations	Processes	Environment
4m	top not seen						
3m		← W			Rounded, moderate sorting, grain supported Red/orange colour with grey patches Planar cross laminations	Gradual deposition from moderate flow. Migration of small scale dunes,	Oxidising Unidirectional fluvial, multiple packages = multiple rivers?
2m		← W			Angular, Poorly Sorted matrix supported Irregular Contact Multiple lithic clast types	Increased energy Rapid deposition multiple clast sources	Oxidising Unidirectional fluvial with higher energy
1m		← W			Rounded, Well Sorted grain Supported orange/red Small scale x-beds & Plana beds	Unidirectional flow moderate velocity oxidised environ. velocity change	Oxidising unidirectional fluvial
0	Base not seen						

Summary

fluvial environment 'moderate' to high energy, (flash floods?)

Key

- Sandstone
- Sandstone with granular clasts
- Planar beds
- Planar cross beds.
- ← W — Western Palaeo flow

Additional locality information: Facing North