

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

59 + ~~40~~ 170

SURFACE SAMPLE Equipment Used: GS Seabed Photo: Yes/No Stored in: 1 Jars, Bags.

Sand, muddy, olive, moderately well sorted, very fine to fine grained, subangular to subrounded quartz with subsidiary rock fragments, common forams, mostly planispiral. Many grains with olive coating, giving color to whole sediment, sample in grab has glutinous texture

CORE SAMPLE Equipment Used: VE Stored in: 4 Cut Cores, Uncut Cores, 1 Jars, Bags.

Depth Log Description Core Photo: Yes/No Sub Samples Geotechnical Log

Depth (m)	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
0.26		Sand as above with broken and whole shells and few pebbles at base? Log from underlying unit before Flandrian fresh forams			
1		Sand, akin to a beach sand, fine grained very well sorted with occasional broken shell fragments and pebbles - horizon of gravel at 0.87m representing tidal washings? Below quartz with rock fragments. Old forams corroded/stained.			
1.25					
2		Clay, grey, very soft (shear strength ca 7 kPa) and highly plastic being brittle to the touch. Little signs of lamination but very faint colour mottling observed. No dropstones seen. ? lagoonal			
2.50		Sandy mud, slightly gravelly with shell fragments throughout, very disturbed.			
2.90		Muddy sand, thixotropic at top but otherwise highly compacted, well sorted, very fine grained sand. pebble noted near base of core			
3.64					
4					
5					
6					

THIS IS AN IMPORTANT CORE

○ shear strength Δ compressive strength

