

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

159 - 01 244

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

S fine-med sand.

CORE SAMPLE Equipment Used: DK Stored in: Cut Cores, Uncut Cores, Jars, Bags.

Depth (m)	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
1 2 3 4 5 6		<p>80 cms recovered.</p> <p><u>Sst & Carbon.</u></p> <p>coarse, very coarse & conglomeratic sandstone. Predominantly greyish with reddish tinge and rare red laminae. Generally soft and frequently recovered only as loose sand. Some high angle bedding noted. Frequent rock pebbles up to 3cms and at base are two drilled cobbles which exceed drill diam (5cms). Fairly strong reaction with HCl from calcite? cement. Qtz (>90% of rock) is well- & well rounded.</p> <p>Age uncertain ? P-7 but v. conglomeratic</p>			<p>○ shear strength △ compressive strength</p>

SAMPLE STATION GEOLOGY

GEOLOGIST **DE**

SAMPLE NUMBER **K 159-0 244**

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT		MUNSELL COLOUR	Sorting HCL Reaction	SAND			MUD		GRAVEL			ABUNDANCE SCALE					Chronostrat	Lithostrat	Unit	Comments															
upper	lower	(Rock class) or main rock type	subordinate rock type			Grain Size Range	Roundness Range	Sphericity	% Shell Material	Hard-Plast-ness	icity	% Shell Material	Max. Clast Size (mm)	Roundness Range	Sphericity	Basal Contact	Bedding	Jointing					H ₂ S Odour	Heavy Minerals	Mica	Glaucronite	Faunal/Fossils	Whole Shells	Forams	Plant Remains							
0:00	0:05	S		2.5Y4/2	MM	VF		15										P																			

L dup columns 2-11

DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)
upper	lower	
0:00	0:05	1 SHLPEK, SOME MEDIUM SHELL MATERIAL, V. SL. MUDDY. 2 DRILL RECOVERE V. COARSE CONGLOMERATIC, GREY, SANDSTONE

SORTING OF TOTAL SAMPLE	HCL REACTION	SAND GRAIN SIZE	ROUNDNESS	SPHERICITY	MUD HARDNESS	MUD PLASTICITY	BASAL CONTACT	BEDDING	JOINTING	H ₂ S ODOUR	ABUNDANCE SCALE	LITHOSTRAT UNIT	COMMENTS
V=very poorly sorted P=poorly sorted M=moderately sorted W=well sorted X=very well sorted	N=no reaction W=weak M=moderate S=strong	S=silt V=very fine F=fine M=medium C=coarse K=very coarse	V=very angular A=angular S=subangular U=subrounded R=rounded W=well rounded	L=low H=high	V=very soft S=soft F=firm T=stiff Y=very stiff H=hard	N=non-plastic L=low plasticity I=intermediate H=highly plastic	G=gradational S=sharp E=erosive U=unconformity	F=flat lamination R=ripple lamination X=cross-bedded C=colour banded G=graded bedding	J=prominent joints D=prominent discontinuities F=fissuring	W=weak M=moderate S=strong A=induced by acid	R=rare C=common A=abundant	G=group F=formation M=member B=bed I=informal	C = additional comments below 1,2 etc = label if more than one comment. SHEET ____ OF ____