

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59 - 01 172

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

S

*fine - v. fine (greenish) greyish brown sand
one 'Turkella'*

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

Depth (m) Log Description Core Photo: ~~Yes~~/No Sub Samples Geotechnical Log

(m)					
1		<p><i>S as ls with abundant shells below surface</i></p> <hr style="width: 20%; margin: 5px auto;"/> <p><i>Very soft - stiff ? till reddish brown very slaty.</i></p>			
2					
3					
4					
5					
6					

○ shear strength Δ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST

JE

SAMPLE NUMBER

K 159-φ.1.172

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT (folk class) or main rock type		MUNSELL COLOUR		SAND		MUD		GRAVEL		ABUNDANCE SCALE										Chronostrat		Lithostrat		Unit	Comments							
upper	lower	subordinate rock type				Grain Size Range	Roundness	Sphericity	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Clast Size (mm)	Roundness	Sphericity	Basal Contact	Bedding	Jointing	H ₂ S Odour	Heavy Minerals	Mica	Glaucophane	Faunal Fossils	Whole Shells	Forams	Plant Remains								
φ20	φ20	S		2.5Y4/3	WS	FV			1φ																									
φ20	φ60	M3G		5Y4/3	XM					VT																								

L dup columns 2-11

DEPTH INTERVAL (m)		Label	ADDITIONAL COMMENTS (FREE TEXT)
upper	lower		
φ20	φ20	1	SH. PERM. VERY DISK'D. CORE BUT KIPKRENNY. QUITE SHELLY.
φ20	φ20	2	BELOW SURFACE.
φ20	φ60	1	V. SOFT AT TOP, STIFF AT BASE, STONY TILL. VERY CLOSE TO ROCK
φ20	φ60	2	BUT, LARGE FRESH STONE AT BASE. (PURPLISH RED, M.L.C. COUS.
φ20	φ60	3	SILTSTONE OR UNCERTAIN AGE). COULD? BE ROCKHEAD.

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 D=disturbed 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 ____