SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F [1] +59 (± lat) -02 (± long) 69 (no.) [11]

CRUISE NO. 82 WH 05 (year : ship : no) [18]

DATE 04 23 (mnth : day) [22]

TIME (local) 18 10 (hrs : mins) [26]

WATER DEPTH 100 (metres) [30]

POSITION FIXING METHOD [A]

COMMENT [32]

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN 6C

RED [ ] A 04.02 [41]

GREEN [✓] F 45.70 [48]

PURPLE [✓] F 52.80 [55]

POSITION

LATITUDE +59 01.80 (± degs : mins (decimal)) [63]

LONGITUDE -01 45.50 (± degs : mins (decimal)) [71]

ADDITIONAL INFORMATION :

EQUIPMENT TYPE: 1 = sample recovered; 2 = no sample (geological reasons); 3 = no sample (equipment failure); 4 = no sample (undifferentiated)

[G] [1] dup cols 2-11

GS | VE | CS | CR | DM | DR | BH | SD | RD | SU | PS | DI | BS | OC | OG

1 1 [12] [22] [32]

T.D. metres 0.40 [50] [55]

SUMMARY SAMPLE DESCRIPTION : (Free text - max. 69 characters)

[H] [1] dup cols 2-11

SLIGHTLY GRAVELLY SHELL SAND [12] [20] [30] [40]

[50] [60] [70] [80]

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER

Head	Readings					HAND VANE Head	Readings		

AVERAGED DATA

DEPTH	PENETROMETER (KPa)	HAND VANE (KPa)
[I] [1] dup cols 2-11		
[14]	[18]	[22]
[25]	[29]	[33]
[36]	[40]	[44]
[47]	[51]	[55]
[58]	[62]	[66]
[69]	[73]	[77]
[I] [1] dup cols 2-11		
[14]	[18]	[22]
[25]	[29]	[33]
[36]	[40]	[44]
[47]	[51]	[55]
[58]	[62]	[66]
[69]	[73]	[77]

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES – MARINE GEOLOGY UNIT

SAMPLE NO. 459 | -02 | 69

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

9 v. sl gravelly shell sand (light yellowish brown). mod. clean

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

Depth (m)	Log	Description	Core Photo: ~~Yes~~/No	Sub Samples	Geotechnical Log
1		ts grab – variable gravel content and sl. muddier at base.			
2					
3					
4					
5					
6					

○ shear strength △ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST DE

SAMPLE NUMBER K 1 59-02.69 11

K dup columns 2–11

DEPTH INTERVAL (m) upper	DEPTH INTERVAL (m) lower	SEDIMENT (Folk class) or main rock type	subordinate rock type	MUNSELL COLOUR	Sorting	HCl Reaction	SAND Grain Size Range	SAND Roundness Range	SAND Sphericity	SAND % Shell Material	MUD Hardness	MUD Plasticity	GRAVEL % Shell Material	GRAVEL Max. Clast Size (mm)	GRAVEL Roundness Range	GRAVEL Sphericity	Basal Contact	Bedding	Jointing	H_2S Odour	Heavy Minerals	Mica	Glauconite	Fauna/Fossils	Whole Shells	Forams	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
ϕ·ϕϕ	ϕ·Hϕ	S		2.5Y6/4	W		M			9ϕ																A					A
12	21	30		40			48				52		61				ABUNDANCE SCALE											80			

L dup columns 2–11

DEPTH INTERVAL (m) upper	DEPTH INTERVAL (m) lower	label	ADDITIONAL COMMENTS (FREE TEXT)
ϕ·ϕϕ	ϕ·4ϕ	1	SHIPEK AND CS-MED, BUT SOME COARSER SHELL FRAGS. LITTLE VARIA
ϕ·ϕϕ	ϕ·4ϕ	2	TION DOWN SAMPLE. SL MUDDIER AT BASE AND COARSE CONTENT VAR.
ϕ·ϕϕ	3·4ϕ	3	ABLE
12	21	30	40 50 60 70 80

SORTING OF TOTAL SAMPLE	HCl REACTION	SAND GRAIN SIZE	ROUNDNESS	SPHERICITY	MUD HARDNESS	MUD PLASTICITY	BASAL CONTACT	BEDDING	JOINTING	H_2S ODOUR	ABUNDANCE SCALE	LITHOSTRAT UNIT	COMMENTS
V = very poorly sorted	N = no reaction	S = silt	V = very angular	L = low	V = very soft	L = low plasticity	G = gradational	F = flat lamination	J = prominent joints	W = weak	R = rare	G = group	= additional comments below
P = poorly sorted	W = weak	V = very fine	A = angular	H = high	S = soft	I = intermediate	S = sharp	R = ripple lamination	D = prominent discontinuities	M = moderate	C = common	F = formation	
M = moderately sorted	M = moderate	F = fine	S = subangular		F = firm	H = highly plastic	E = erosive	X = cross-bedded	F = fissuring	S = strong	A = abundant	M = member	
W = well sorted	S = strong	M = medium	U = subrounded		T = stiff	N = non-plastic	U = unconformity	D = disturbed		A = induced by acid		B = bed	1, 2 etc = label if more than one comment
X = very well sorted		C = coarse	R = rounded		Y = very stiff			C = colour banded				I = informal	
		K = very coarse	W = well rounded		H = hard			G = graded bedding					SHEET ____ OF ____