

		SUMMARY OF LABORATORY TEST RESULTS							
		Date : June 2016		Report No: 07021/22					
Client : Andrew Keeler Consulting		Location :. Cliff Road, Hythe, Kent							
BH/TP	Depth (m)	INDEX PROPERTIES					Plasticity Classification (BS 5930 : 1999)	Modified Plasticity Index(NHBC Ch. 4.2)	Volume Change Potential (NHBC 4.2)
		Moisture Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	% Passing 425µm sieve			
WS1	1.00	24.6	46	19	27	100	CI	27	Medium
WS1	2.00	24.2	51	16	35	100	CH	35	Medium
WS1	3.00	24.9	35	19	16	85	CL	13	Low
WS2	1.00	23.4	40	16	24	100	CI	24	Medium
WS2	2.00	14.5	40	17	23	38	CI	9	NP
WS2	3.00	36.6	67	24	43	57	CH	24	Medium
Abbreviations:									
C – Clays/silty clays		L – Low plasticity		V – Very high plasticity					
M – Silts		I - Intermediate plasticity		E – Extremely high plasticity					
O – Organic		H – High plasticity		NP – Non plastic					

			RESULTS OF STANDARD PENETRATION TESTS					
			Date : June 2016			Report No: 07021/22		
Client : Andrew Keeler Consulting			Location :. Cliff Road, Hythe, Kent					
Borehole No.	Type of Test	Depth at start of Test (m)	Seating Drive	Test Drive				N-Value
			Blows for 150mm Penetration	Blows for 75mm penetration				
WS1	C	2.00	4	3	2	2	2	9
WS1	C	3.00	>50					>50
WS2	C	1.00	4	3	2	3	3	11
WS2	C	2.00	3	1	0	1	0	2
WS2	C	3.00	1	0	0	5	11	16

C denote Cone Penetration Test
S denotes Standard Penetration Test

Client : **Andrew Keeler Consulting**Borehole No : **WS1**Project : **Cliff Road, Hythe, Kent**Project No : **07021/22**Date : **20/5/16**

SUB-SURFACE PROFILE			SAMPLE				STANDARD PENETRATION TEST (SPT/CPT) 10 20 30 40				SHEAR VANE kPa 10 30 50 70 90 110 130										
Depth (m)	Legend	Description	Elev/Depth (m)	Number	Type	Depth (m)															
1		MADE GROUND Turf over dark brown sandy clay with occasional flints, brick fragments and fine roots.	-0.35	1	U	0.00-1.00															
		MADE GROUND Firm to stiff green brown sandy silty clay with isolated brick fragments and occasional flints	-0.6																		
		SANDY CLAY Firm light brown laminated grey friable sandy very silty CLAY with roots.	-1.5	2	U	1.00-2.00															
		SANDY CLAY Firm to stiff becoming stiff brown laminated grey and orange sandy silty CLAY with pockets of weakly cemented sandy limestone (Hassock) and some ironstone.																			
2				3	U	2.00-3.00															
3		LIMESTONE Hard light grey LIMESTONE (rag) fragments in matrix of weakly cemented sandy limestone (Hassock)	-3																		
			-3.1																		
4		End of Log																			
5																					
5																					

Water Strike : none

SOILTEC LABORATORIES LIMITED

Drill Method : Windowless Sampler

Water after 15mins : none

Sheet : 1 of 1

Client : **Andrew Keeler Consulting**Borehole No : **WS2**Project : **Cliff Road, Hythe, Kent.**Project No : **07021/22**Date : **20/5/16**

SUB-SURFACE PROFILE			SAMPLE				STANDARD PENETRATION TEST				SHEAR VANE								
Depth (m)	Legend	Description	Elev/Depth (m)	Number	Type	Depth (m)													
		MADE GROUND 120mm concrete over dark brown sandy clay with occasional brick fragments		1	U	0.00-1.00													
			-0.85																
1		SANDY CLAY Firm brown mottled orange sandy silty CLAY. Becoming very sandy at 1.10m		2	U	1.00-2.00													
			-1.8																
2		LIMESTONE Firm (medium dense) green grey LIMESTONE gravel in matrix of weakly cemented sandy limestone (hassock).	-2.1																
		SANDY CLAY Very soft light brown orange very sandy silty CLAY with occasional sandstone gravel		3	U	2.00-3.00													
3			-3.4																
		LIMESTONE Dense light grey sandy LIMESTONE gravel (rag) with layers of weakly cemented sandy limestone (hassock)	-3.6	4	U	3.00-3.60													
4		End of Log																	
		Sampler refused on hard Limestone																	
5																			

Water Strike : none

SOILTEC LABORATORIES LIMITED

Drill Method : Windowless Sampler

Water after 15mins : none

Sheet : 1 of 1