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ENGINEERING BOREHOLE LOG

BOREHOLE No	<u>BH60</u>
SHEET	<u>1</u> of <u>1</u>
REFERENCE No	<u>H11099</u>

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

PR	OJECT	<u>More</u>	eton Bay	Rai	<u> Link</u>							
LO	CATION	<u>At C</u>	<u>PTu26, I</u>	Edge	e of Embankment, Fill18, Ch.10200					СС	ORDINATES <u>505871.4 E; 6989024</u>	. <u>6 N</u>
PR	OJECT No		921		SURFACE R.L. <u>1.20m</u> PLUNGE			DATE S	TARTED	<u>29/6/</u>	11 GRID DATUM <u>MGA94 Zone</u>	56
JO	3 No	250/	120/3		HEIGHT DATUM <u>AHD</u> BEARING			DATE COM	PLETED	<u>29/6/</u>	11 DRILLER <u>R&D Drilling F</u>	Pty Ltd
(m) L	R.L. (m)	BORING	RQD ()%		MATERIAL	GΥ	ERING	INTACT STRENGTH	DEFECT SPACING (mm)	: LOG	ADDITIONAL DATA	
O DEPTH (m)	1.20	JGEF ASH	CORE REC %	SAMPLE	DESCRIPTION	ГІТНОГОСУ	USC WEATHEI	TH TH TH	- 20 - 20 - 200 - 2000	GRAPHIC	TEST RESULTS	SAMPLES TESTS
-					Silty CLAY (Estuarine) Dark grey to black, moist, very soft to soft.			· · · · · · · · · · · · · · · · · · ·			— Based on Driller's logs only — Water @ 0.4m	
				А	High plasticity. High organic contents; minor plant material	(C	(CH/O	H))			DD = 1.00t/m ³ ; WD = 1.60t/m ³ ; MC = 61.6%; LL-66%, PI=40%, LS=16+	
-1	0.20			в	in parts. Sandy CLAY(Marine)						22,25; Su (kPa) =20	FSV -
F					Yellow grey, moist, very soft to soft.	((¢н/о				DD = 1.50t/m ³ ; WD = 1.90t/m ³ ;	
	0.90			С	High plasticity; minor organic contents.			´ 			DD = 1.500m ⁻ ; WD = 1.900m ⁻ ; MC = 26%; LL-40%, PI=23%, LS=11+	U100 -
-2	-0.80				Contains thin bands of silty clay in parts;						+	-

Contains thin bands of silty clay in parts; fine grained sand bands at top. Clayey SAND (Alluvial) Red brown grey, moist, fine grained, medium dense. Iron staining throughout; bands of high plasticity silty clay below 3m depth. E F SANDSTONE Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles	(\$M/SF)			1,8,13 N=21 5,6,7 N=13	SP
D Clayey SAND (Alluvial) Red brown grey, moist, fine grained, medium dense. Iron staining throughout; bands of high plasticity silty clay below 3m depth. E F SANDSTONE Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles)			N=21	
F SANDSTONE Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles		ŋ,				SP
E Iron staining throughout; bands of high plasticity silty clay below 3m depth. E F SANDSTONE Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles)				SF
E plasticity silty clay below 3m depth. E F SANDSTONE Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles)				SF
E plasticity silty clay below 3m depth. E F SANDSTONE Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles)				SF
E F SANDSTONE Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles						SI
F SANDSTONE Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles				· · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · · ·		Sł
Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles						
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Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles		· · · · ·	: : T :			
Fine grained, massive, poorly cemented sedimentary rock mainly comprising of sand sized particles						
sized particles			::‡:		2,10,10	SF
sized particles			:: <u>+</u> :		N=20	01
			: : <u>-</u> -:			_
XW: Ġenerally exhibits engineering	xw		: : ; :			
properties of vellow red grev, moist, verv			::‡:			
stiff to hard clayey silt and sandy clay.			: :+:		Contains interbeds of claystone (silty clay) below 4m, approx, 500mm thick. 10,19,30/125mm	_
G			: : - :		10,19,30/125mm N>50	SF
Relict rock structure visible throughout;			: : <u>-</u> :		N>50	
>30mm in parts.			: : + :			
Borehole terminated at 5.425m			: : <u>+</u> :			
Borenole terminated at 5.425m			: : F :			
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			:: # :			
			· · + ·			
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