



NON-CORE DRILL HOLE - GEOLOGICAL LOG

HOLE NO : ABH-004

CLIENT : MPDC
LOCATION : Macquarie Point

PROJECT : Macquarie Point GI

FILE / JOB NO : PS212776
SHEET : 1 OF 1

POSITION : E: 527580.50, N: 5252448.94 (MGA2020-55)	SURFACE ELEVATION : 3.82 (AHD)	ANGLE FROM HORIZONTAL : 90°
RIG TYPE : MRS XL Max	MOUNTING : Track	CONTRACTOR : SWD
DRILLER : GB	DATE STARTED : 21/5/2024	DATE COMPLETED : 21/5/2024
DATE LOGGED : 21/4/2024	LOGGED BY : MIR	CHECKED BY : JRG


DRILLING					MATERIAL					
PROGRESS		DRILLING PENETRATION	GROUND WATER LEVELS	SAMPLES & FIELD TESTS	DEPTH (m) RL (m AHD)	GRAPHIC LOG	GROUP SYMBOL	MATERIAL DESCRIPTION Soil Type, Colour, Plasticity or Particle Characteristic Secondary and Minor Components	MOISTURE CONDITION CONSISTENCY RELATIVE DENSITY	STRUCTURE & Other Observations
DRILLING & CASING	WATER									
					0.03m			ASPHALTIC CONCRETE.		ROAD SURFACE
					0.38m			FILL Gravelly SAND: fine to coarse grained, sub-rounded to sub-angular, grey, gravel is fine to medium grained, sub-rounded to angular gravels. 0.2m: becoming orange-brown		FILL Acid Sulfate Sampling every 0.5m to bedrock
					0.45m			becoming dark grey	D	
					0.85m			becoming pale grey		
					0.98m			becoming dark brown, trace brick fragments and wood chips		
					1.40m			170mm dolerite cobble		
					1.50m			becoming dark grey, fine to coarse grained, sub-angular to angular gravel, trace clay, without brick and wood chips	M	
			E-F		2.20m					
					2.40m			FILL Sandy CLAY: low to medium plasticity, grey mottled yellow-brown, sand is fine to coarse grained; trace gravel; trace brick fragments.	w<PL	2.15: PP=120kPa
					3.00m			FILL Clayey SAND: fine to coarse grained, sub-rounded to sub-angular, dark grey, clay is low to medium plasticity; with fine to medium grained, sub-rounded to angular gravel.	M	
				3.00m			FILL Sandy CLAY: medium plasticity, dark grey, sand is fine to coarse grained; trace fine to coarse grained, sub-rounded to sub-angular gravel; trace tile and wood fragments.			
				3.45m				w>PL - w=LL	3.60: PP=90kPa	
				3.80m			3.60m: becoming dark grey mottled brown, with brick fragments, without wood and tile			
				4.0m			FILL Gravelly SAND: fine to coarse grained, sub-rounded to sub-angular, dark grey, gravel is fine to coarse grained, sub-angular to angular; trace wood and metal fragments.	M		
				4.50m						
				5.0m			DOLERITE: pale grey, inferred as moderately to slightly weathered.		ROCK	
		H-VH		6.00m						
				6.00m			Hole Terminated at 6.00 m Target depth Grouted to Surface			

See Explanatory Notes for details of abbreviations & basis of descriptions.

WSP-AU-GLB Log IS AU BOREHOLE 2A PS212776_MASTER.CPJ <DrawingFiles> 18/6/2024 12:08 10/03/0009 Digital Lab and H. Silu Tech - DGD [Lib: WSP-5.05.2.2023-08-23 Proj: WSP-5.04.0.2023-04-11




PointID : ABH-004 Depth Range: 0.00 - 2.00 m

	TITLE	DRAWN	DATE
	MPDC Macquarie Point Macquarie Point GI Core Photo - ABH-004	CHECKED	DATE
		SCALE	FIGURE No
		PROJECT No	
		PS212776	1/3




PointID : ABH-004 Depth Range: 2.00 - 4.00 m

	TITLE	DRAWN	DATE
	MPDC Macquarie Point Macquarie Point GI Core Photo - ABH-004	CHECKED	DATE
		SCALE	FIGURE No
		PROJECT No	
		PS212776	2/3



PointID : ABH-004 Depth Range: 4.00 - 6.00 m

	TITLE	DRAWN	DATE
	MPDC Macquarie Point Macquarie Point GI Core Photo - ABH-004	CHECKED	DATE
		SCALE	FIGURE No
		PROJECT No	
		PS212776	3/3