



NON-CORE DRILL HOLE - GEOLOGICAL LOG

HOLE NO : BH-010

CLIENT : MPDC
LOCATION : Macquarie Point

PROJECT : Macquarie Point GI

FILE / JOB NO : PS212776
SHEET : 1 OF 4

POSITION : E: 527566.95, N: 5252576.11 (MGA2020-55) SURFACE ELEVATION : 5.07 (AHD) ANGLE FROM HORIZONTAL : 90°
 RIG TYPE : MRS XL Max MOUNTING : Track CONTRACTOR : SWD DRILLER : GB
 DATE STARTED : 24/4/2024 DATE COMPLETED : 26/4/2024 DATE LOGGED : 26/4/2024 LOGGED BY : TS CHECKED BY : JRG

DRILLING					MATERIAL								
PROGRESS	DRILLING & CASING	WATER	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
						0.0			FILL Sandy GRAVEL: fine to medium, sub-angular to angular, brown, trace coarse grained gravel.				FILL Acid Sulfate Sampling every 0.5m to bedrock
						0.40			FILL Gravelly SAND: medium to coarse grained, pale brown, gravel is fine to medium grained, sub-angular to angular.				
						1.0			FILL Gravelly SAND: fine to coarse grained, pale grey to dark grey, gravel is fine to medium grained; trace coarse grained gravel, trace clay.				
						1.40			FILL Sandy GRAVEL: fine to medium, sub-angular to angular, pale grey, sand is fine to coarse grained.				
					1.50m SPT 3.5,5 N=10	1.70			FILL Silty CLAY: high plasticity, black mottled yellow brown, with fine to medium grained, sub-angular to angular gravel, trace brick and glass.	w=PL			ESTUARINE SOIL
						1.95m			FILL Clayey GRAVEL: fine to coarse, sub-angular to angular, grey to brown.				
						2.0							
			E-F			3.00m SPT 7.6,5 N=11	3.0		Silty Gravelly CLAY: medium plasticity, brown grey, gravel is fine to medium grained, sub-angular to angular; with sub-rounded to rounded pebbles, glass, sea shells, brick fragment, trace iron stained dolerite gravel.		St		ESTUARINE SOIL
						3.45m			Silty CLAY: high plasticity, dark brown mottled dark green grey, with sea shells, coarse grained sand and dolerite.	w=PL			
						4.0					St - VS		ALLUVIAL SOIL
						4.50m			SAND: fine to medium grained, grey brown, trace dolerite coarse grained gravels.	M	MD - D		
					4.90m SPT 17,10/60mm HB N=R 5.11m	5.0			DOLERITE: fine to medium grained, pale grey brown, with iron staining, inferred as highly weathered and medium strength.				ROCK
			F-H			6.0			DOLERITE: fine to medium grained, pale grey brown, inferred as highly weathered and medium strength.				
						7.0							Continued as Cored Drill Hole
			VH			7.50m							
						8.0							

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

WSP-AU-GLB Log IS AU BOREHOLE 2A PS212776_MASTER.GPJ <DrawingFiles> 18/6/2024 12:21 10:03:00.09 D:\git\Lab and H. Silu\Tech - DGD\ Lib\WSP-5052.2023-08-23 Proj\WSP-504.0.2023-04-11



CORED DRILL HOLE LOG

HOLE NO : BH-010

CLIENT : MPDC
LOCATION : Macquarie Point

PROJECT : Macquarie Point GI

FILE / JOB NO : PS212776
SHEET : 2 OF 4


POSITION : E: 527566.95, N: 5252576.11 (MGA2020-55) SURFACE ELEVATION : 5.07 (AHD) ANGLE FROM HORIZONTAL : 90°
 RIG TYPE : MRS XL Max MOUNTING : Track CONTRACTOR : SWD DRILLER : GB
 DATE STARTED : 24/4/2024 DATE COMPLETED : 26/4/2024 DATE LOGGED : 26/4/2024 LOGGED BY : TS CHECKED BY : JRG
 CASING DIAMETER : 150 mm BARREL (Length) : 1.50 m BIT : IMPREG RC10 BIT CONDITION : Good

DRILLING					MATERIAL				FRACTURES				
PROGRESS		CORE LOSS (% OF DRILL DEPTH)	ROD (%)	SAMPLES & FIELD TESTS	DEPTH (m)	GRAPHIC LOG	DESCRIPTION ROCK TYPE : Colour, Grain size, Structure (texture, fabric, mineral composition, hardness alteration, cementation, etc as applicable)	WEATHERING	ESTIMATED STRENGTH UCS=194 ₂₀₀ ● - Axial ○ - Diametral ■ - UCS L - L ₁₀ M - M ₁₀ H - H ₁₀ V _H - V _{H-200} E _H	NATURAL FRACTURE (mm)	VISUAL	ADDITIONAL DATA (joints, partings, seams, zones, etc) Description, orientation, infilling or coating, shape, roughness, thickness, other	
DRILLING & CASING	WATER												0%
					0.0								
					1.0								
					2.0								
					3.0								
					4.0								
					5.0								
					6.0								
					7.0								
					7.50		7.50m START CORING AT 7.50m						
					8.0		DOLERITE: fine to medium grained, grey with pale blue, iron staining on rock and along defects. 7.50m-11.00m: broken core induced by drilling	MW				J, 65°, CT, PR, RF, Fe, clayey gravel J, 10°, CT, PR, RF, Fe, clay, 2mm	

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




PointID : BH-010 Depth Range: 0.00 - 1.50 m

	TITLE MPDC Macquarie Point Macquarie Point GI Core Photo - BH-010	DRAWN	DATE	18/6/2024
		CHECKED	DATE	18/6/2024
		SCALE	Not To Scale	A4
		PROJECT No PS212776	FIGURE No 1/7	




PointID : BH-010 Depth Range: 1.50 - 4.00 m

	TITLE MPDC Macquarie Point Macquarie Point GI Core Photo - BH-010	DRAWN	DATE	18/6/2024
		CHECKED	DATE	18/6/2024
		SCALE	Not To Scale	A4
		PROJECT No PS212776	FIGURE No 2/7	




PointID : BH-010 Depth Range: 4.00 - 6.00 m

	TITLE MPDC Macquarie Point Macquarie Point GI Core Photo - BH-010	DRAWN	DATE	18/6/2024
		CHECKED	DATE	18/6/2024
		SCALE	Not To Scale	A4
		PROJECT No PS212776	FIGURE No 3/7	




PointID : BH-010 Depth Range: 6.00 - 7.50 m

	TITLE MPDC Macquarie Point Macquarie Point GI Core Photo - BH-010	DRAWN	DATE	18/6/2024
		CHECKED	DATE	18/6/2024
		SCALE	Not To Scale	A4
		PROJECT No	PS212776	FIGURE No




PointID : BH-010 Depth Range: 7.50 - 11.00 m

	TITLE	MPDC Macquarie Point Macquarie Point GI Core Photo - BH-010		DRAWN	DATE	
				CHECKED	DATE	
	SCALE			Not To Scale		A4
	PROJECT No			PS212776		FIGURE No




PointID : BH-010 Depth Range: 11.00 - 15.00 m

	TITLE MPDC Macquarie Point Macquarie Point GI Core Photo - BH-010	DRAWN	DATE	18/6/2024
		CHECKED	DATE	18/6/2024
		SCALE	Not To Scale	A4
		PROJECT No PS212776	FIGURE No 6/7	



PointID : BH-010 Depth Range: 15.00 - 17.47 m

	TITLE MPDC Macquarie Point Macquarie Point GI Core Photo - BH-010	DRAWN	DATE	18/6/2024
		CHECKED	DATE	18/6/2024
		SCALE	Not To Scale	A4
		PROJECT No PS212776	FIGURE No 7/7	