Appendix D

Geotechnical logs and photographs

SOIL LOG SHEET

Client : Department of State Growth

Project : Phase 2: Site 5b Geotechnical Investigation and Landslide Risk Assessment

Location : Lyell Highway, Lk 60, ~ Ch 10.535, PD, 1.2 m from edge of seal

LOCATION No. BH5b_01

SHEET 1 OF 2

Position : 423641.0 E, 5325790.0 N MGA20\	**Surface RL :** 584.50m	**Angle from Horiz. :** 90°	**Processed :** Kia.I
Contractor : KMR Drilling	**Rig Type :** HydroPower Scout MK IV		**Checked :** AH
Date Started : 11 Apr 23	**Date Completed :** 12 Apr 23	**Logged by :** Kia.I	**Date :** 27 Jul 23

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water	Depth/ (RL)metres	Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
					0.10		ASPHALT						
					(584.40)		FILL: Silty GRAVEL with sand, fine to coarse, typically coarse, angular to subangular, brown to grey, silt is low plasticity, sand is fine grained, quartz, metasedimentary rock	GM	D - M	D-VD			
1										D	SPT	SPT1 (1.0 - 1.45 m) 3/6/5 N = 11, Recovery=400mm	1
					1.50								
					(583.00)		Wood fragments						
					1.60								
					(582.90)		Colour change to mottled orange						
					1.70								
					(582.80)		Colour change to pale grey			MD-D	SPT	SPT2 (1.75 - 2.2 m) 6/5/6 N = 11, Recovery=250mm	
2													2
	Hollow Stem Auger												
3													3
					3.25								
					(581.25)		FILL: Silty Sandy GRAVEL, fine to medium, subangular to subrounded, light brown, silt is low plasticity, sand is fine to coarse grained, quartz, metasedimentary rock	GM	M - W	MD	SPT	SPT3 (3.25 - 3.7 m) 4/3/5 N = 8, Recovery=360mm	
4							Orange-brown					Possible natural @3.9 m (colluvium)	4
					4.75								
					(579.75)				D -M				
5													5

See standard sheets for details of abbreviations & basis of descriptions

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Job No.
12602827

GEO SOIL BOREHOLE LOG SHEET 12602827.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/7/23

SOIL LOG SHEET

Client : Department of State Growth

Project : Phase 2: Site 5b Geotechnical Investigation and Landslide Risk Assessment

Location : Lyell Highway, Lk 60, ~ Ch 10.535, PD, 1.2 m from edge of seal

LOCATION No. BH5b_01

SHEET 2 OF 2

Position : 423641.0 E, 5325790.0 N MGA20\	**Surface RL :** 584.50m	**Angle from Horiz. :** 90°	**Processed :** Kia.I
Contractor : KMR Drilling	**Rig Type :** HydroPower Scout MK IV		**Checked :** AH
Date Started : 11 Apr 23	**Date Completed :** 12 Apr 23	**Logged by :** Kia.I	**Date :** 27 Jul 23

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water	Depth/ (RL)metres	Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
									M - W	MD			
											SPT	SPT4 (5.5 - 5.95 m) 2/2/4 N = 6, Recovery=450mm Silt content increasing	
6											U63	Attempted to push tube, refused	6
	Hollow Stem Auger				7.00 *(577.50)*		Silty GRAVEL with sand, fine to coarse, angular to subangular, pale grey/white, mottled brown/orange, silt is low plasticity, sand is fine grained (XW Metasediments)	GM	D	D-VD	SPT	SPT5 (7.0 - 7.1 m) 25* Refusal N = Refusal, Recovery=100mm Inferred grinding on weathered rock	
7					7.75 *(576.75)*		Gravelly SILT, low plasticity, pale grey, mottled orange brown, gravel is fine to coarse, angular to subangular (XW Metasediments)	ML	D	D-VD		Gravel content decreasing Silt content increasing	7
8					8.50		Start of coring at 8.5 metres. See Core Log Sheet for cored interval.						8
9													9
10													10

GEO SOIL BOREHOLE LOG SHEET 12602827.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/7/23

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CORE LOG SHEET

Client : Department of State Growth

Project : Phase 2: Site 5b Geotechnical Investigation and Landslide Risk Assessment

Location : Lyell Highway, Lk 60, ~ Ch 10.535, PD, 1.2 m from edge of seal

LOCATION No. BH5b_01

SHEET 1 OF 3

Position : 423641.0 E, 5325790.0 N MGA20\	**Surface RL :** 584.50m	**Angle from Horiz. :** 90°	**Processed :** Kia.l
Contractor : KMR Drilling	**Rig Type :** HydroPower Scout MK IV		**Checked :** AH
Date Started : 11 Apr 23	**Date Completed :** 12 Apr 23	**Logged by :** Kia.l	**Date :** 27 Jul 23

DRILLING				MATERIAL									ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	**Description** ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	SCALE (m)
									20 80		20 40 100 300 1000			
6														6
7														7
8														8
						Start of coring at 8.5 metres. See Soil Log Sheet for soil interval.								
				8.50 (576.00)		METASEDIMENTARY ROCK, fine to coarse, grey/blue, mottled orange, frequent quartz veins (up to 75mm)	HW	H		0		PL	PL (8.55 m): Is(50) corrected = 2.19 MPa PL (8.55 - 8.60 m): Is(50) corrected = 2.12 MPa	
9	HQ Coring	1		8.90 (575.60)		CORE LOSS (250 mm)	-	-					8.9 - 9.15 m, Core Loss (250 mm)	9
				9.15 (575.35)		METASEDIMENTARY ROCK, fine grained, grey/black, frequent quartz veins (up to 75mm)	HW	H						
		2								0				
		3					MW			90				
10														10

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GEO CORE LOG SHEET 12602827.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/7/23

CORE LOG SHEET

Client : Department of State Growth

Project : Phase 2: Site 5b Geotechnical Investigation and Landslide Risk Assessment

Location : Lyell Highway, Lk 60, ~ Ch 10.535, PD, 1.2 m from edge of seal

LOCATION No. BH5b_01

SHEET 2 OF 3

Position : 423641.0 E, 5325790.0 N MGA20\	**Surface RL :** 584.50m	**Angle from Horiz. :** 90°	**Processed :** Kia.I
Contractor : KMR Drilling	**Rig Type :** HydroPower Scout MK IV		**Checked :** AH
Date Started : 11 Apr 23	**Date Completed :** 12 Apr 23	**Logged by :** Kia.I	**Date :** 27 Jul 23

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	3											10.26 m, Jt, 45°, So, Ir, Cn	
													10.65 m, Jt, 35°, So, Ir, Cn	
										50		PL	PL (10.98 m): Is(50) corrected = 2.47 MPa	11
		4		11.70 (572.80)		CORE LOSS (100 mm)	-	-					11.43 m, Jt, 55°, So, Ir, Cn 11.5 m, Jt, 50°, So, Pln, Cn 11.53 m, Jt, 51°, So, Pln, Cn 11.54 m, Jt, 50°, So, Pln, Cn 11.65 m, Jt, 60°, So, Pln, Cn 11.7 - 11.8 m, Core Loss (100 mm)	
12				11.80 (572.70)		METASEDIMENTARY ROCK, fine grained, grey/black	MW	L-M					11.85 m, Jt, 55°, So, Pln, Cn 11.9 m, Jt, 51°, So, Pln, Cn 11.96 m, Jt, 80°, So, Pln, Cn 12.01 m, Jt, 80°, So, Pln, Cn 12.05 m, Jt, 80°, So, Pln, Cn 12.1 m, Jt, 85°, So, Pln, Cn 12.14 m, Jt, 40°, So, Pln, Cn	12
								H						
							HW	L-M		82			12.35 m, Jt, 70°, So, Pln, Cn 12.4 m, Jt, 80°, So, Pln, Cn 12.45 m, Jt, 75°, So, Pln, Cn 12.48 m, Jt, 75°, So, Pln, Cn 12.58 - 12.67 m, Csm	
		5											12.71 m, Jt, 25°, So, Pln, Cn	
13							MW	M				PL	12.8 m, Jt, 20°, So, Pln, Cn 12.81 m, Jt, 58°, So, Pln, Cn PL (12.85 m): Is(50) corrected = 0.3 MPa	13
													13.27 m, Jt, 50°, So, Un, Cn	
										50			13.48 m, Jt, 48°, So, Un, Cn	
		6										PL	13.73 m, Jt, 85°, So, Pln, Cn 13.76 m, Jt, 55°, So, Pln, Cn 13.78 m, Jt, 55°, So, Pln, Cn 13.79 m, Jt, 55°, So, Pln, Cn PL (13.8 - 13.84 m): Is(50) corrected = 0.42 MPa 13.8 m, Jt, 55°, So, Pln, Cn 13.83 m, Jt, 55°, So, Pln, Cn 14 m, Jt, 15°, So, Pln, Cn	14
14													14.3 m, Jt, 60°, So, Pln, Cn 14.35 m, Jt, 55°, So, Pln, Cn	
		7								100			14.46 m, Jt, 30°, So, Ir, Cn 14.5 m, Jt, 35°, So, Pln, Cn 14.54 m, Jt, 40°, So, Pln, Fe, Sn 14.55 m, Jt, 55°, So, Pln, Cn 14.56 m, Jt, 35°, So, Pln, Cn 14.6 m, Jt, 35°, So, Pln, Cn 14.64 m, Jt, 35°, So, Pln, Cn 14.75 m, Jt, 75°, So, Pln, Cn 14.85 m, Jt, 30°, So, Pln, Cn	
15		8								51			14.95 m, Jt, 60°, So, Pln, Cn	15

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Job No. 12602827

GEO CORE LOG SHEET 12602827.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/7/23

CORE LOG SHEET

Client : Department of State Growth **Project :** Phase 2: Site 5b Geotechnical Investigation and Landslide Risk Assessment **Location :** Lyell Highway, Lk 60, ~ Ch 10.535, PD, 1.2 m from edge of seal		**LOCATION No. BH5b_01** **SHEET 3 OF 3**
Position : 423641.0 E, 5325790.0 N MGA20\	**Surface RL :** 584.50m **Angle from Horiz. :** 90°	**Processed :** Kia.I
Contractor : KMR Drilling	**Rig Type :** HydroPower Scout MK IV	**Checked :** AH
Date Started : 11 Apr 23	**Date Completed :** 12 Apr 23 **Logged by :** Kia.I	**Date :** 27 Jul 23

DRILLING | MATERIAL | ADDITIONAL DATA

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description: ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin)	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results
	HQ Coring	8											15 m, Jt, 85°, So, Pln, Cn 15.09 m, Jt, 55°, So, Pln, Cn 15.13 m, Jt, 75°, So, Pln, Cn 15.17 m, Jt, 40°, So, Pln, Cn 15.3 m, Jt, 80°, So, Pln, Cn 15.42 m, Jt, 75°, So, Pln, Cn 15.49 m, Jt, 10°, So, Pln, Cn 15.53 m, Jt, 75°, So, Pln, Cn 15.6 m, Jt, 70°, So, Pln, Cn 15.64 - 15.9 m, Too disturbed to log defects
16		9								66			16.1 m, Jt, 80°, So, Pln, Cn 16.11 - 16.2 m, Too disturbed to log defects
		10								95			16.37 m, Jt, 20°, So, Pln, Cn 16.5 m, Jt, 40°, So, Un, Cn 16.53 m, Jt, 40°, So, Un, Cn 16.54 - 16.7 m, Too disturbed to log defects 16.75 m, Jt, 75°, So, Pln, Cn
17		11								100			
		12								75			17.3 - 17.37 m, Too disturbed to log defects 17.44 m, Jt, 75°, So, Pln, Cn 17.5 m, Jt, 60°, So, Un, Cn 17.55 m, Jt, 60°, So, Un, Cn 17.86 m, Jt, 65°, So, Pln, Cn
18								M-H				PL PL	PL (17.93 - 17.97 m): Is(50) corrected = 0.67 MPa PL (18 m): Is(50) corrected = 2.53 MPa 18.04 m, Jt, 15°, So, Ir, Fe, Sn 18.2 m, Jt, 75°, So, Pln, Cn 18.22 m, Jt, 75°, So, Pln, Cn 18.24 m, Jt, 75°, So, Pln, Cn 18.4 m, Jt, 75°, So, Pln, Cn
				18.50 *(566.00)*		Target depth reached End of hole at 18.5 metres.							Standpipe installed on completion. 0.0 to 4.0 m - Grout 4.0 to 5.0 m - Bentonite 5.0 to 8.5 m - Sand 5.5 to 8.5 m - Screen 8.5 to 18.5 m - Bentonite
19													
20													

Defect spacing scale: 20, 40, 100, 300, 1000. Core recovery scale: 20, 80.

See standard sheets for details of abbreviations & basis of descriptions

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Job No. **12602827**

SPT1(1.0-1.45m) 3/6/5 N=11 R=400mm

SPT2(1.75-2.2m) 6/6/5 N=11 R=250mm

SPT3(3.25-3.7m) 4/3/5 N=8 R=360mm

SPT4(5.5-5.95m) 2/2/4 N=6 R=450mm

Prepared By: Kia.I	Date: 24-Apr-23	Job Number: 12602827	A4	Title: Photographic Log BH5b_01	Client: DSG
					Project: DSG - Land Stability Options Analysis
Revision: A	Date:				Figure No:

SPT5(7.0-7.09m) 25* N=25*refusal R=100mm

indicates drilling/handling break

Prepared By: Kia.I	Date: 24-Apr-23	Job Number: 12602827	A4	Title: Photographic Log BH5b_01	Client: DSG
					Project: DSG - Land Stability Options Analysis
Revision: A	Date:				Figure No:

indicates drilling/handling break

Prepared By: Kia.I	Date: 24-Apr-23	Job Number: 12602827	A4	Title: Photographic Log BH5b_01	Client: DSG	GHD
					Project: DSG - Land Stability Options Analysis	
Revision: A	Date:				Figure No:	

SOIL LOG SHEET

Client : Department of State Growth

Project : Phase 2: Site 5b Geotechnical Investigation and Landslide Risk Assessment

Location : Lyell Highway, LK 60, ~ Ch 10.518, PD, 1.3 m from edge of seal

LOCATION No. BH5b_02

SHEET 1 OF 2

Position : 423651.0 E, 5325795.0 N MGA20\	**Surface RL :** 585.60m	**Angle from Horiz. :** 90°	**Processed :** Kia.I
Contractor : KMR Drilling	**Rig Type :** HydroPower Scout MK IV		**Checked :** AH
Date Started : 13 Apr 23	**Date Completed :** 13 Apr 23	**Logged by :** Kia.I	**Date :** 27 Jul 23

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water	Depth/ (RL)metres	Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
					0.10		ASPHALT						
					(585.50)		FILL: Silty GRAVEL with sand, fine to coarse, (mostly medium to coarse), subangular to subrounded, dark grey/black, silt is low plasticity, sand is fine to coarse grained	GM	D	D-VD			
1					1.00								1
					(584.60)		Colour change to pale grey		-	MD	SPT	SPT1 (1.0 - 1.45 m) 8/12/15 N = 27, Recovery=350mm	
												Sand content decreasing, gravel is high strength	
2													2
					2.30								
					(583.30)		Brown, gravel is MW, L strength					Silt content increasing	
					2.55						SPT	SPT2 (2.5 - 2.95 m) 11/10/7 N = 17, Recovery=450mm	
					(583.05)		Pale grey, trace orange						
3													3
												3.25 - 4 m , No Recovery in splits	
4											SPT	SPT3 (4.0 - 4.45 m) 3/8/3 N = 11, Recovery=300mm	4
					4.10								
					(581.50)		Colour change to dark brown		W	MD		(4.2 - 4.3m) Auger struggling	
					4.45								
					(581.15)		COBBLE, light grey-orange, H - VH strength, quartzite (Colluvium)	-	-	-			
					4.56								
					(581.04)		GRAVEL, pale grey, coarse, subangular (Colluvium)	GP	-	-		Possible fines washout	
					4.66								
					(580.94)		CORE LOSS (340 mm)		-	-			
	Hollow Stem Auger												
	HQ Coring		Run 1										
5					5.00								5

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SOIL LOG SHEET

Client : Department of State Growth

Project : Phase 2: Site 5b Geotechnical Investigation and Landslide Risk Assessment

Location : Lyell Highway, LK 60, ~ Ch 10.518, PD, 1.3 m from edge of seal

LOCATION No. BH5b_02

SHEET 2 OF 2

Position : 423651.0 E, 5325795.0 N MGA20\	**Surface RL :** 585.60m	**Angle from Horiz. :** 90°	**Processed :** Kia.I
Contractor : KMR Drilling	**Rig Type :** HydroPower Scout MK IV		**Checked :** AH
Date Started : 13 Apr 23	**Date Completed :** 13 Apr 23	**Logged by :** Kia.I	**Date :** 27 Jul 23

DRILLING					MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Hole Support	Run	Water	Depth/ (RL)metres	Graphic Log	Description Soil Name (USC Symbol) Other Minor Components, Plasticity or Particle Characteristics, Colour, Moisture Condition, Consistency, Structure	Group Symbol	Moisture Condition	Consistency / Relative Density	Samples & Tests	Comments/Observations Insitu test results	SCALE (m)
			Run 2		*(580.60)* 5.50		CORE LOSS (500 mm)		-	-		SPT4 (5.0 - 5.45 m) 2/1/6 N = 7, No Recovery 5.0 - 5.5 m, Core Loss (500 mm)	
					(580.10) 5.80		GRAVEL, medium to coarse, angular to subangular, typically subangular, VH Strength, orange, quartz (Alluvium/Colluvium?)	GP	W	MD		Possible fines washout trace subrounded edges	
							Start of coring at 5.8 metres. See Core Log Sheet for cored interval.						
6													6
7													7
8													8
9													9
10													10

See standard sheets for details of abbreviations & basis of descriptions

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CORE LOG SHEET

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SHEET 1 OF 2

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Contractor : KMR Drilling	**Rig Type :** HydroPower Scout MK IV		**Checked :** AH
Date Started : 13 Apr 23	**Date Completed :** 13 Apr 23	**Logged by :** Kia.l	**Date :** 27 Jul 23

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
						Start of rock coring at 5.8 metres. See Soil Log Sheet for soil interval.								
		2		5.80 (579.80)		QUARTZITE, very thinly bedded, light grey/white, mottled orange	MW	H		70			5.81 m, Jt, 10°, So, Un, Cn subangular edges	
6				6.00 (579.60)		METASEDIMENTARY ROCK, light grey to white, mottled orange	HW	VL-M		0			5.94 m, Jt, 25°, So, Pln, Cn 6.0 - 6.45 m, Csm	6
		3											6.35 m, Jt, 80°, So, Pln, Cn	
				6.45 (579.15)		CORE LOSS (50 mm)	-	-					6.45 - 6.5 m, Core Loss (50 mm)	
				(579.10)		METASEDIMENTARY ROCK, light grey to white, mottled orange	HW	VL-M		96			6.56 m, Jt, 30°, So, Pln, Cn	
7													6.97 m, Jt, 79°, So, Un, Cn	7
		4					MW	H-EH				PL	PL (7.25 - 7.31 m): Is(50) corrected = 13.23 MPa PL (7.3 m): Is(50) corrected = 1.31 MPa 7.46 m, Jt, 25°, Rf, Ir, Fe, Sn	
	HQ Coring												7.8 m, Jt, 50°, Rf, Ir, Fe, Sn	
8										100				8
		5											8.11 m, Jt, 25°, Rf, Cu, Fe, Sn	
													8.6 m, Jt, 55°, So, St, Fe, Sn 8.7 m, Jt, 80°, Rf, Pln, Fe, Sn	
9													8.95 m, Jt, 25°, So, St, Cn	9
		6					SW			100				
				9.90 (575.70)		trace quartz veining up to 30mm							9.77 m, Jt, 75°, So, Pln, Cn	
10														10

See standard sheets for details of abbreviations & basis of descriptions

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Project : Phase 2: Site 5b Geotechnical Investigation and Landslide Risk Assessment

Location : Lyell Highway, LK 60, ~ Ch 10.518, PD, 1.3 m from edge of seal

LOCATION No. BH5b_02

SHEET 2 OF 2

Position : 423651.0 E, 5325795.0 N MGA20\	**Surface RL :** 585.60m	**Angle from Horiz. :** 90°	**Processed :** Kia.l
Contractor : KMR Drilling	**Rig Type :** HydroPower Scout MK IV		**Checked :** AH
Date Started : 13 Apr 23	**Date Completed :** 13 Apr 23	**Logged by :** Kia.l	**Date :** 27 Jul 23

DRILLING | **MATERIAL** | **ADDITIONAL DATA**

SCALE (m)	Method	Run	Water	Depth/ (RL)metres	Graphic Log	Description (ROCK TYPE, colour, grain size, structure (texture, mineral composition, hardness, alteration, cementation, etc. as applicable) and SOIL TYPE, colour, structure, minor components (origin))	Weathering	Estimated Strength	Core Recovery (%)	RQD (%)	Defect Spacing (mm)	Samples & Tests	Joints, partings, seams, zones and veins; Fracture type, orientation, infilling or coating, shape, roughness, other; Insitu test results	SCALE (m)
11	HQ Coring	6		11.00 (574.60)		Quartzite, white	Fr	H-VH		60		PL	10.54 m, Jt, 60°, So, Pln, Cn 10.65 m, Jt, 70°, So, Pln, Cn PL (10.85 m): Is(50) corrected = 1.31 MPa	11
		7											11.28 m, Jt, 45°, So, Pln, Cn 11.31 m, Jt, 40°, So, Pln, Cn 11.35 m, Jt, 45°, So, Un, Cn 11.38 m, Jt, 45°, So, Un, Cn 11.45 m, Jt, 40°, So, Un, Cn 11.48 m, Jt, 30°, So, Pln, Cn	
				11.60 (574.00)		Target depth reached End of hole at 11.6 metres.							11.51 m, Jt, 35°, So, Pln, Cn Standpipe installed on completion. 0.0 to 0.7 m - Grout 0.7 to 2.0 m - Bentonite 2.0 to 5.5 m - Sand 2.5 to 5.5 m - Screen 5.5 m to collapse - Bentonite	
12														12
13														13
14														14
15														15

See standard sheets for details of abbreviations & basis of descriptions

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CONSULTING GEOTECHNICAL ENGINEERS AND GEOLOGISTS

Job No. 12602827

GEO CORE LOG SHEET 12602827.GPJ GHD_GEO_TEMPLATE_TASMANIA.GDT 28/7/23

SPT1(1.0-1.45m) 8/12/15 N=27 R=350mm

SPT2(2.5-2.95m) 11/10/7 N=17 R=450mm

SPT3(4.0-4.45m) 3/8/3 N=11 R=300mm

Prepared By: Kia.I	Date: 24-Apr-23	Job Number: 12602827	A4	Title: Photographic Log BH5b_02	Client: DSG
Revision: A	Date:				Project: DSG - Land Stability Options Analysis
					Figure No

X indicates drilling/handling break

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					Project: DSG - Land Stability Options Analysis	
Revision: A	Date:				Figure No:	