

APPENDIX B3:H

Acid sulfate soil borehole reports

Drilling		Sampling		Field Material Description																	
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm								
													0	5	10	15	20	25			
ADT	L M H M M-H	GROUNDWATER INFLOW OBSERVED AT 0.5 M DEPTH	0	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m DS 0.40-0.60 m Rec = 200/200 mm		X X X X X X X X X X	SM	Silty SAND fine to medium grained, dark grey, trace clay, with some organics	M	VL										
			0.50																		
			-0.50																		
			0.80																		
			-0.80																		
			1																		
			-1.10																		
			-1.10																		
			2																		
			2.50																		
-2.50																					
3																					
3.00																					
-3.00																					
4																					
5																					
6																					
6									END OF BOREHOLE @ 6.00 m												
7																					
8																					
9																					
10																					

This report of borehole must be read in conjunction with accompanying notes and abbreviations. It has been prepared for geotechnical purposes only, without attempt to assess possible contamination. Any references to potential contamination are for information only and do not necessarily indicate the presence or absence of soil or groundwater contamination.

GAP gINT FN. F01b
RL3

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APPENDIX B3:H



REPORT OF BOREHOLE: BH3/12

CLIENT: Sunshine Coast Council
 PROJECT: Sunshine Coast Airport Expansion
 LOCATION: David Low Way
 JOB NO: 127683017

COORDS: 507763.0 m E 7058970.0 m N AMG84 56
 SURFACE RL: 0.00 m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 80 mm HOLE DEPTH: 6.00 m

SHEET: 1 OF 1
 DRILL RIG: 4WD Auger
 CONTRACTOR: CSI Soil Testing
 LOGGED: BCT DATE: 27/8/12
 CHECKED: WM DATE: 29/10/12

Drilling			Sampling		Field Material Description												
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm					
												0	5	10	15	20	25
ADT	L	GROUNDWATER INFLOW OBSERVED AT 0.70 M DEPTH	0.00	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m DS 0.30-0.40 m Rec = 100/100 mm	[Graphic Log: Yellow with black dots]	SM SP	Silty SAND fine to medium grained, dark grey, trace of organics	M	L	MD		[DCP Test Bar: 0-10]				
			0.10	0.30									[Graphic Log: Yellow with black triangles]	SP	Indurated SAND fine to medium grained, dark grey, weakly cemented	W	D
			0.30	0.80	becoming strongly cemented	[DCP Test Bar: 0-10]											
			-0.30	-0.80		becoming dark brown and grey	[DCP Test Bar: 0-10]										
			1.50	-1.50	DS 2.20-2.40 m Rec = 200/200 mm		[Graphic Log: Yellow with black triangles]	M-W	VD	[DCP Test Bar: 0-10]							
2.00	-2.00	becoming weakly cemented	[DCP Test Bar: 0-10]														
M	M		3.50	-3.50		SM	Silty SAND fine to medium grained, yellow brown				[DCP Test Bar: 0-10]						
			4.50	-4.50							[DCP Test Bar: 0-10]						
			6.00	-6.00	END OF BOREHOLE @ 6.00 m												

GAP 8_07.3 LIB.GLB Log GAP NON-CORED FULL PAGE 127683017 TASK 3000 - BH & DCP.GPJ DWG52521.GDW 16/11/2012 16:48 8.2.800

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REPORT OF BOREHOLE: BH5/12

CLIENT: Sunshine Coast Council
 PROJECT: Sunshine Coast Airport Expansion
 LOCATION: David Low Way
 JOB NO: 127683017

COORDS: 507678.0 m E 7059398.0 m N AMG84 56
 SURFACE RL: 0.00 m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 80 mm HOLE DEPTH: 6.00 m

SHEET: 1 OF 1
 DRILL RIG: 4WD Auger
 CONTRACTOR: CSI Soil Testing
 LOGGED: BCT DATE: 28/8/12
 CHECKED: WM DATE: 29/10/12

Drilling			Sampling		Field Material Description																
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm									
												0	5	10	15	20	25				
			0	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m	[Graphic Log: 0.00-0.70m]	CI	Sandy CLAY medium plasticity, dark grey, fine to medium grained sand, trace of organics	M	S											
			-0.20	SP																	
			0.50																		
			-0.50																		
			-0.70																		
			1.00																		
			-1.00																		
					DS 1.70-1.80 m Rec = 100/100 mm 2.00-2.40 m PP <5 kPa U50 U 2.00-2.40 m Rec = 400/400 mm	[Graphic Log: 1.00-4.10m]	CI / CH	Sandy CLAY medium to high plasticity, grey, fine to medium grained sand, trace of organics	M - W												
			2																		
			3																		
			4																		
			4.10																		
			-4.10				SP	Indurated SAND fine to medium, dark grey, strongly to weakly cemented	W	VD											
			5																		
			6	-6.00																	
								END OF BOREHOLE @ 6.00 m													

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RL3

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REPORT OF BOREHOLE: BH6/12

CLIENT: Sunshine Coast Council

COORDS: 507425.0 m E 7059412.0 m N AMG84 56

SHEET: 1 OF 1

PROJECT: Sunshine Coast Airport Expansion

SURFACE RL: 0.00 m DATUM: AHD

DRILL RIG: 4WD Auger

LOCATION: David Low Way

INCLINATION: -90°

CONTRACTOR: CSI Soil Testing

JOB NO: 127683017

HOLE DIA: 80 mm HOLE DEPTH: 6.00 m

LOGGED: BCT

DATE: 27/8/12

CHECKED: WM

DATE: 29/10/12

Drilling			Sampling		Field Material Description													
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm						
												0	5	10	15	20	25	
			0	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m		CI	Sandy CLAY medium plasticity, dark grey, fine to medium grained sand, trace of organics, with some silt	M	F								
			-0.20	-0.20			SP	SAND fine to medium grained, brown, with some silt and clay becoming grey		MD								
			-0.40	-0.40	DS 0.60-0.80 m Rec = 200/200 mm			becoming pale grey, pale yellow brown		D								
			1.00	-1.00				becoming pale grey										
			2.50	-2.50				becoming pale grey										
			3.50	-3.50			SP	Indurated SAND fine to medium, dark brown, strongly cemented becoming weakly cemented										
			3.70	-3.70														
			5.50	-5.50	DS 5.50-5.70 m Rec = 200/200 mm		SP	SAND fine to medium grained, grey and pale grey										
			6.00	-6.00				END OF BOREHOLE @ 6.00 m										

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REPORT OF BOREHOLE: BH7/12

CLIENT: Sunshine Coast Council
 PROJECT: Sunshine Coast Airport Expansion
 LOCATION: David Low Way
 JOB NO: 127683017

COORDS: 507223.0 m E 7059714.0 m N AMG84 56
 SURFACE RL: 0.00 m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 80 mm HOLE DEPTH: 8.50 m

SHEET: 1 OF 1
 DRILL RIG: 4WD Auger
 CONTRACTOR: CSI Soil Testing
 LOGGED: BCT DATE: 28/8/12
 CHECKED: WM DATE: 29/10/12

Drilling			Sampling		Field Material Description										
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS		
ADT	L	GROUNDWATER INFLOW OBSERVED AT 0.8 M DEPTH	0	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m	[Yellow dotted pattern]	[Yellow dotted pattern]	SM	Sandy CLAY medium plasticity, dark grey, fine to medium grained sand, with some silt, trace of organics	M	S	VL			
			-0.20	-0.20											
			-0.50	-0.50											
			-0.50	-0.50											
						1		DS 1.10-1.30 m Rec = 200/200 mm 1.10 m PP <25 kPa	[Black pattern]	[Black pattern]					
						2		U50 U 2.00-2.20 m Rec = 200/200 mm 2.00-2.20 m PP <25 kPa	[Black pattern]	[Black pattern]					
						3									
						4		U50 U 4.00-4.30 m Rec = 300/300 mm 4.00-4.30 m PP <25 kPa	[Black pattern]	[Black pattern]					
						5									
			6												
			7												
			8												
			9												
			10	-8.50					END OF BOREHOLE @ 8.50 m						

GAP 8_07.3 LIB.GLB Log GAP NON-CORED FULL PAGE 127683017 TASK 3000 - BH & DCP.GPJ <<DrawingFile>> 16/11/2012 16:54 8.2.800

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REPORT OF BOREHOLE: BH9/12

CLIENT: Sunshine Coast Council

COORDS: 507473.0 m E 7059615.0 m N AMG84 56

SHEET: 1 OF 1

PROJECT: Sunshine Coast Airport Expansion

SURFACE RL: 0.00 m DATUM: AHD

DRILL RIG: 4WD Auger

LOCATION: David Low Way

INCLINATION: -90°

CONTRACTOR: CSI Soil Testing

JOB NO: 127683017

HOLE DIA: 80 mm HOLE DEPTH: 6.90 m

LOGGED: BCT

DATE: 27/8/12

CHECKED: WM

DATE: 29/10/12

Drilling			Sampling		Field Material Description																
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm									
												0	5	10	15	20	25				
ADT	L	GROUNDWATER INFLOW OBSERVED AT 1.40 M DEPTH	0	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m		CI	Sandy CLAY medium plasticity, dark grey, fine to medium grained sand, trace of organics	M	F											
			-0.20	0.20															SC	Clayey SAND fine to medium grained, pale grey and orange brown, medium plasticity clay	L
			-0.60	0.60															CH	CLAY high plasticity, pale grey, with some fine to medium grained sand	S - F
						1.40	-1.40	DS 1.20-1.30 m Rec = 100/100 mm		SP	SAND fine to medium grained, pale grey	W	D - VD								
						2.40	-2.40														
						3	-3.00		SP	Indurated SAND fine to medium grained, dark grey and brown, strongly cemented	VD										
						3.60	-3.60	3.80 m 3.80 m PP = 140 kPa	CI-CH	CLAY medium to high plasticity, pale brown, with some fine to medium grained sand	St										
						4.20	-4.20														
						4.70	-4.70		SM	Silty SAND fine to medium grained, pale grey and pale brown	M	D									
						5.50	-5.50		CI-CH	CLAY medium to high plasticity, grey, with some fine to medium grained sand	S - F										
			6	-6.10		SP	Indurated SAND fine to medium grained, dark brown, weakly cemented	VD													
			6.60	-6.60																	
			6.60	-6.60																	
			7	-6.90			END OF BOREHOLE @ 6.90 m														

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REPORT OF BOREHOLE: BH10/12

CLIENT: Sunshine Coast Council
 PROJECT: Sunshine Coast Airport Expansion
 LOCATION: David Low Way
 JOB NO: 127683017

COORDS: 507240.0 m E 7059461.0 m N AMG84 56
 SURFACE RL: 0.00 m DATUM: AHD
 INCLINATION: -90°
 HOLE DIA: 80 mm HOLE DEPTH: 6.00 m

SHEET: 1 OF 1
 DRILL RIG: 4WD Auger
 CONTRACTOR: CSI Soil Testing
 LOGGED: BCT DATE: 29/8/12
 CHECKED: WM DATE: 29/10/12

Drilling			Sampling	Field Material Description										
METHOD	PENETRATION RESISTANCE	WATER	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DCP TEST (AS1289.6.3.2) Blows per 100 mm					
DEPTH (metres)	DEPTH RL						DENSITY		0	5	10	15	20	25
	0		0.00 m		CI	Sandy CLAY		S						
	0.20		ASS samples collected at 0.25m intervals to 2.0m		SP	medium plasticity, dark grey, fine to medium grained sand, with some organics		M						
	-0.20					SAND		MD						
	0.50					fine to medium grained, pale grey and pale brown becoming grey, with some medium plasticity clay								
	-0.50													
	1		DS 0.70-0.90 m Rec = 200/200 mm					W						
	1.20					becoming brown and grey		MD						
	-1.20							D						
	1.60					becoming dark brown and dark grey								
	-1.60													
	2							M - W						
	2.10				SP	becoming dark brown, slightly indurated and weakly cemented		D - VD						
	2.20					Indurated SAND								
	-2.20				SP	fine to medium grained, dark brown and dark grey, strongly cemented								
	2.50					SAND								
	-2.50					fine to medium grained, dark brown, trace silt								
	3													
	4							M						
	4.30							VD						
	-4.30				SP	Indurated SAND								
	5					fine to medium grained, dark brown and dark grey, strongly cemented								
	6													
	-6.00					END OF BOREHOLE @ 6.00 m								

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REPORT OF BOREHOLE: BH11/12

CLIENT: Sunshine Coast Council

COORDS: 507367.0 m E 7059286.0 m N AMG84 56

SHEET: 1 OF 1

PROJECT: Sunshine Coast Airport Expansion

SURFACE RL: 0.00 m DATUM: AHD

DRILL RIG: 4WD Auger

LOCATION: David Low Way

INCLINATION: -90°

CONTRACTOR: CSI Soil Testing

JOB NO: 127683017

HOLE DIA: 80 mm HOLE DEPTH: 6.00 m

LOGGED: BCT

DATE: 27/8/12

CHECKED: WM

DATE: 29/10/12

Drilling			Sampling		Field Material Description												
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm					
												0	5	10	15	20	25
L			0.00	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m DS 0.50-0.70 m Rec = 200/200 mm	[Graphic Log]	CI	Sandy CLAY medium plasticity, dark grey, fine to medium grained sand, trace of organics	M	F			[DCP Test Data]				
			0.20	0.20									[DCP Test Data]				
M			0.30	0.30	DS 0.50-0.70 m Rec = 200/200 mm	[Graphic Log]	SP	SAND fine to medium grained, pale brown and pale grey, with some medium plasticity clay becoming pale grey	M-W	D		[DCP Test Data]					
			0.60	0.60								[DCP Test Data]					
H			0.70	0.70	DS 0.50-0.70 m Rec = 200/200 mm	[Graphic Log]	SP	becoming grey becoming dark grey				[DCP Test Data]					
			0.90	0.90								[DCP Test Data]					
ADT			1.10	1.10	GROUNDWATER INFLOW OBSERVED AT 0.6 M DEPTH	[Graphic Log]	SP	Indurated SAND fine to medium, dark grey and dark brown, weakly cemented becoming strongly cemented	VD			[DCP Test Data]					
			3.50	3.50								[DCP Test Data]					
M-H			3.50	3.50	DS 5.50-5.70 m Rec = 200/200 mm	[Graphic Log]	SP	SAND fine to medium grained, brown orange and dark brown	W			[DCP Test Data]					
			5.70	5.70								[DCP Test Data]					
			6.00	-6.00				END OF BOREHOLE @ 6.00 m				[DCP Test Data]					

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APPENDIX B3:H



REPORT OF BOREHOLE: BH12/12

CLIENT: Sunshine Coast Council

COORDS: 507554.0 m E 7059049.0 m N AMG84 56

SHEET: 1 OF 1

PROJECT: Sunshine Coast Airport Expansion

SURFACE RL: 0.00 m DATUM: AHD

DRILL RIG: 4WD Auger

LOCATION: David Low Way

INCLINATION: -90°

CONTRACTOR: CSI Soil Testing

JOB NO: 127683017

SOLE DIA: 80 mm HOLE DEPTH: 6.00 m

LOGGED: BCT

DATE: 27/8/12

CHECKED: WM

DATE: 29/10/12

Drilling			Sampling		Field Material Description													
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm						
												0	5	10	15	20	25	
L			0.00	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m DS 0.50-0.60 m Rec = 100/100 mm	[Graphic Log Symbols]	SC	Clayey SAND fine to medium grained, dark grey, trace of organics	M	L								
							SM	Silty SAND fine to medium grained, grey and dark grey	M - W	MD								
M			-0.20			[Graphic Log Symbols]	SP	SAND fine to medium grained, pale grey	M - W	MD								
			-0.40				SP	Indurated SAND fine to medium, dark grey, weakly cemented trace of silt, becoming strongly cemented	W	D								
H			0.70			[Graphic Log Symbols]												
			-0.70															
ADT			1.10			[Graphic Log Symbols]												
			-1.10															
M			3.50			[Graphic Log Symbols]	SP	SAND fine to medium grained, brown	M - W	VD								
			-3.50															
			5.50			[Graphic Log Symbols]		becoming pale brown										
			-5.50															
			6.00	-6.00				END OF BOREHOLE @ 6.00 m										

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REPORT OF BOREHOLE: BH13/12

CLIENT: Sunshine Coast Council

COORDS: 507442.0 m E 7058907.0 m N AMG84 56

SHEET: 1 OF 1

PROJECT: Sunshine Coast Airport Expansion

SURFACE RL: 0.00 m DATUM: AHD

DRILL RIG: 4WD Auger

LOCATION: David Low Way

INCLINATION: -90°

CONTRACTOR: CSI Soil Testing

JOB NO: 127683017

HOLE DIA: 80 mm HOLE DEPTH: 6.00 m

LOGGED: BCT

DATE: 29/8/12

CHECKED: WM

DATE: 29/10/12

Drilling			Sampling		Field Material Description														
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm							
												0	5	10	15	20	25		
M			0.00	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m	x	SM	Silty SAND fine to medium grained, dark grey, trace of organics	L										
			-0.20	-0.20															
			0.80	0.80	DS 0.60-0.80 m Rec = 200/200 mm	x	SP	SAND fine to medium grained, pale brown and dark grey, trace silt	M										
			-0.80	-0.80															
H			1.60	1.60	becoming very strongly to strongly cemented	x	SP	Indurated SAND fine to medium, dark grey, weakly cemented	W										
			-1.60	-1.60															
			4.00	4.00		x	SP	SAND fine to medium grained, brown, trace silt	M - W	VD									
			6.00	6.00	END OF BOREHOLE @ 6.00 m														

GAP 8_07.3 LIB.GLB Log GAP NON-CORED FULL PAGE 127683017 TASK 3000 - BH & DCP.GPJ DWG52521.GDW 16/11/2012 16:48 8.2.800

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APPENDIX B3:H



REPORT OF BOREHOLE: BH14/12

CLIENT: Sunshine Coast Council

COORDS: 507287.0 m E 7058689.0 m N AMG84 56

SHEET: 1 OF 1

PROJECT: Sunshine Coast Airport Expansion

SURFACE RL: 0.00 m DATUM: AHD

DRILL RIG: 4WD Auger

LOCATION: David Low Way

INCLINATION: -90°

CONTRACTOR: CSI Soil Testing

JOB NO: 127683017

HOLE DIA: 80 mm HOLE DEPTH: 6.00 m

LOGGED: BCT

DATE: 29/8/12

CHECKED: WM

DATE: 29/10/12

Drilling			Sampling		Field Material Description													
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm						
												0	5	10	15	20	25	
			0.00	0.20	0.00 m ASS samples collected at 0.25m intervals to 2.0m DS 0.30-0.50 m Rec = 200/200 mm	[Graphic Log Symbols]	SM	Silty SAND fine to medium grained, dark grey, trace of organics	L									
			-0.20	-1.00			SP	SAND fine to medium grained, pale grey, with some silt	M									
			1.00	-1.00			SP	Indurated SAND fine to medium grained, dark grey, weakly cemented	M - W									
			1.50	-1.50				becoming strongly cemented										
			2.70	-2.70				becoming brown, weakly cemented										
			4.00	-4.00			SP	SAND fine to medium grained, brown and dark brown, trace silt	M									
				-6.00				END OF BOREHOLE @ 6.00 m										

ADT

GROUNDWATER INFLOW OBSERVED AT 1.5 M DEPTH

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GAP gINT FN. F01b
RL3

APPENDIX B3:H



REPORT OF BOREHOLE: BH16/12

CLIENT: Sunshine Coast Council

COORDS: 507637.0 m E 7058686.0 m N AMG84 56

SHEET: 1 OF 1

PROJECT: Sunshine Coast Airport Expansion

SURFACE RL: 0.00 m DATUM: AHD

DRILL RIG: 4WD Auger

LOCATION: David Low Way

INCLINATION: -90°

CONTRACTOR: CSI Soil Testing

JOB NO: 127683017

HOLE DIA: 80 mm HOLE DEPTH: 6.00 m

LOGGED: BCT

DATE: 29/8/12

CHECKED: WM

DATE: 29/10/12

Drilling			Sampling		Field Material Description														
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm							
												0	5	10	15	20	25		
L			0.10	0.10	0.00 m ASS samples collected at 0.25m intervals to 2.0m DS 0.20-0.40 m Rec = 200/200 mm		SP	Silty SAND fine to medium grained, dark grey	L										
			0.20	0.20			SP	SAND fine to medium grained, pale brown and grey becoming grey	MD										
M			0.50	0.50			SM	Indurated SAND fine to medium grained, dark brown and dark grey, trace of silt, weakly cemented	M										
			1.00	1.00				becoming strongly cemented											
			1.00	1.00															
H			2.00	2.00															
			2.00	2.00															
			3.00	3.00															
ADT			3.00	3.00			SP	SAND fine to medium grained, brown, trace silt	VD										
			3.00	3.00															
			4.00	4.00															
			4.00	4.00															
			5.00	5.00															
			5.00	5.00															
			6.00	6.00															
			6.00	6.00				END OF BOREHOLE @ 6.00 m											
			6.00	6.00															
			7.00	7.00															
			7.00	7.00															
			8.00	8.00															
			8.00	8.00															
			9.00	9.00															
			9.00	9.00															
			10.00	10.00															
			10.00	10.00															

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APPENDIX B3:H



REPORT OF BOREHOLE: BH17/12

CLIENT: Sunshine Coast Council

COORDS: 507265.0 m E 7059110.0 m N AMG84 56

SHEET: 1 OF 1

PROJECT: Sunshine Coast Airport Expansion

SURFACE RL: 0.00 m DATUM: AHD

DRILL RIG: 4WD Auger

LOCATION: David Low Way

INCLINATION: -90°

CONTRACTOR: CSI Soil Testing

JOB NO: 127683017

SOLE DIA: 80 mm HOLE DEPTH: 6.00 m

LOGGED: BCT

DATE: 29/8/12

CHECKED: WM

DATE: 29/10/12

Drilling			Sampling		Field Material Description												
METHOD	PENETRATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm					
												0	5	10	15	20	25
L M ADT H			0.00	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m DS 0.50-0.70 m Rec = 200/200 mm		SM	Silty SAND fine to medium grained, dark grey, trace of organics with some clay	M								
			-0.20	-0.20			SP	SAND fine to medium grained, pale grey and grey, with some silt	D								
			-0.50	-0.50			SP	Indurated SAND fine to medium, dark grey, weakly cemented	M-W								
			-1.00	-1.00				becoming dark grey and dark brown, strongly cemented									
			-1.90	-1.90				becoming dark brown									
			1.90	-1.90													
			2.80	-2.80													
			5.20	-5.20			SP	SAND fine to medium grained, brown, with some silt									
			-6.00	-6.00				END OF BOREHOLE @ 6.00 m									

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GAP gINT FN. F01b
RL3

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