

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	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		X X X X	SM	Silty SAND fine to medium grained, dark grey, trace clay, with some organics	M	VL									
			0.50		ASS samples collected at 0.25m intervals to 2.0m		X X X X													
			-0.50		DS 0.40-0.60 m		X X X X													
			0.80		Rec = 200/200 mm		X X X X													
			-0.80				X X X X													
			-1.10				X X X X													
			1				X X X X													
			-0.80				X X X X													
			-1.10				X X X X													
			2				X X X X													
2.50				X X X X																
-2.50				X X X X																
3				X X X X																
3.00				X X X X																
-3.00				X X X X																
4				X X X X																
5				X X X X																
6				X X X X																
6				X X X X																
7				X X X X																
8				X X X X																
9				X X X X																
10				X X X X																
									END OF BOREHOLE @ 6.00 m											

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GAP gINT FN. F01b
RL3

GAP 9. 07. 316.GLB Log GAP NON-CORED FULL PAGE 127683017 TASK 3000 - BH & DCP.GPJ DWG52621.GDW 16/11/2012 16:48 82 800

APPENDIX B3:H



REPORT OF BOREHOLE: BH3/12

CLIENT: Sunshine Coast Council

COORDS: 507763.0 m E 7058970.0 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	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	[Symbol]	SM SP	Silty SAND fine to medium grained, dark grey, trace of organics	M	L	MD	[DCP Test Bar]				
			0.10	0.30								[Symbol]	SP	Indurated SAND fine to medium grained, dark grey, weakly cemented	M	D
			0.30	0.80	[DCP Test Bar]											
			1.50	1.50	[DCP Test Bar]											
			2.00	2.00	[DCP Test Bar]											
ADT	M	GROUNDWATER INFLOW OBSERVED AT 0.70 M DEPTH	2.20	2.20	DS 2.20-2.40 m Rec = 200/200 mm	[Symbol]	SP	becoming strongly cemented	M	D	[DCP Test Bar]					
			3.50	3.50							[DCP Test Bar]					
			4.50	4.50							[DCP Test Bar]					
ADT	H	GROUNDWATER INFLOW OBSERVED AT 0.70 M DEPTH	2.00	2.00	DS 2.20-2.40 m Rec = 200/200 mm	[Symbol]	SP	becoming dark brown and grey	M	D	[DCP Test Bar]					
			3.50	3.50							[DCP Test Bar]					
ADT	M	GROUNDWATER INFLOW OBSERVED AT 0.70 M DEPTH	3.50	3.50		[Symbol]	SM	becoming weakly cemented	M	W	[DCP Test Bar]					
			4.50	4.50							[DCP Test Bar]					
			6.00	6.00				END OF BOREHOLE @ 6.00 m								

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REPORT OF BOREHOLE: BH4/12

CLIENT: Sunshine Coast Council

COORDS: 507811.0 m E 7059231.0 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 and brown, fine to medium grained sand, trace of organics	M	F								
				0.30			SP	SAND fine to medium grained, dark grey, trace of clay	M - W	St								
				0.50			SP	SAND fine to medium grained, grey and pale grey, trace of silt and clay becoming dark grey and brown	M - W	MD								
				1.00	DS 0.70-0.80 m Rec = 100/100 mm					D								
				1.50						W								
				1.70						MD								
				2.00						D								
				2.00			SP	Indurated SAND fine to medium grained, dark brown and grey, weakly cemented										
				2.00														
				3.00														
				4.00	DS 3.50-3.70 m Rec = 200/200 mm													
				5.00						VD								
				5.00														
				5.00														
				6.00														
				6.00				END OF BOREHOLE @ 6.00 m										

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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						VD								
			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

COORDS: 507223.0 m E 7059714.0 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: 8.50 m

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]	CI	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	DS 1.10-1.30 m Rec = 200/200 mm 1.10 m PP <25 kPa	[Black pattern]	[Black pattern]	SM	Silty SAND fine to medium grained, pale grey, with some clay	M - W	W	VS	
			1	1									
			2	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	3									
			4	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	5									
			6	6									
			7	7									
			8	8									
			8.50	-8.50					END OF BOREHOLE @ 8.50 m				
			9	9									
			10	10									

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GAP gINT FN. F01a
RL3

APPENDIX B3:H



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
			0.00	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m	[Graphic Log: CI, SC, CH]	CI	Sandy CLAY medium plasticity, dark grey, fine to medium grained sand, trace of organics	F				[DCP Test: 0-0.20m]				
			-0.20	-0.20									SC	Clayey SAND fine to medium grained, pale grey and orange brown, medium plasticity clay	L		
			0.60	-0.60	DS 1.20-1.30 m Rec = 100/100 mm	[Graphic Log: CH, SP]	CH	CLAY high plasticity, pale grey, with some fine to medium grained sand	M				[DCP Test: 0.60-0.80m]				
			-0.60	-0.60									SP	SAND fine to medium grained, pale grey	S - F		
			1.40	-1.40	3.80 m 3.80 m PP = 140 kPa	[Graphic Log: SP, CI-CH]	SP	becoming dark grey and brown	W				[DCP Test: 1.40-1.60m]				
			-1.40	-1.40									CI-CH	CLAY medium to high plasticity, pale brown, with some fine to medium grained sand	D - VD		
			2.40	-2.40	3.80 m 3.80 m PP = 140 kPa	[Graphic Log: SP, CI-CH]	SP	becoming pale brown	VD				[DCP Test: 2.40-2.60m]				
			-2.40	-2.40									CI-CH	CLAY medium to high plasticity, grey, with some fine to medium grained sand	St		
			3.00	-3.00	3.80 m 3.80 m PP = 140 kPa	[Graphic Log: SM, CI-CH]	SM	Silty SAND fine to medium grained, pale grey and pale brown	M				[DCP Test: 3.00-3.20m]				
			-3.00	-3.00									CI-CH	CLAY medium to high plasticity, grey, with some fine to medium grained sand	F		
			3.60	-3.60	3.80 m 3.80 m PP = 140 kPa	[Graphic Log: SM, CI-CH]	SM	becoming brown	D				[DCP Test: 3.60-3.80m]				
			-3.60	-3.60									CI-CH	CLAY medium to high plasticity, grey, with some fine to medium grained sand	S - F		
			4.20	-4.20	3.80 m 3.80 m PP = 140 kPa	[Graphic Log: SP, CI-CH]	SP	becoming brown	VD				[DCP Test: 4.20-4.40m]				
			-4.20	-4.20									CI-CH	CLAY medium to high plasticity, grey, with some fine to medium grained sand	S - F		
			4.70	-4.70	3.80 m 3.80 m PP = 140 kPa	[Graphic Log: SP, CI-CH]	SP	becoming brown	VD				[DCP Test: 4.70-4.90m]				
			-4.70	-4.70									CI-CH	CLAY medium to high plasticity, grey, with some fine to medium grained sand	S - F		
			5.50	-5.50	3.80 m 3.80 m PP = 140 kPa	[Graphic Log: SP, CI-CH]	SP	becoming brown	VD				[DCP Test: 5.50-5.70m]				
			-5.50	-5.50									CI-CH	CLAY medium to high plasticity, grey, with some fine to medium grained sand	S - F		
			6.10	-6.10	3.80 m 3.80 m PP = 140 kPa	[Graphic Log: SP, CI-CH]	SP	becoming brown	VD				[DCP Test: 6.10-6.30m]				
			-6.10	-6.10									CI-CH	CLAY medium to high plasticity, grey, with some fine to medium grained sand	S - F		
			6.60	-6.60	3.80 m 3.80 m PP = 140 kPa	[Graphic Log: SP, CI-CH]	SP	becoming brown	VD				[DCP Test: 6.60-6.80m]				
			-6.60	-6.60									CI-CH	CLAY medium to high plasticity, grey, with some fine to medium grained sand	S - F		
			6.90	-6.90				END OF BOREHOLE @ 6.90 m					[DCP Test: 6.90-7.10m]				

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GAP gINT FN. F01b
RL3

APPENDIX B3:H



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	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm						
										0	5	10	15	20	25	
			0.00 m 0.20 -0.20 0.50 -0.50 1.20 -1.20 1.60 -1.60 2.20 -2.20 2.50 -2.50 4.30 -4.30 6.00 -6.00	DS 0.70-0.90 m Rec = 200/200 mm		CI Sandy CLAY medium plasticity, dark grey, fine to medium grained sand, with some organics SP SAND fine to medium grained, pale grey and pale brown becoming grey, with some medium plasticity clay becoming brown and grey becoming dark brown and dark grey becoming dark brown, slightly indurated and weakly cemented SP Indurated SAND fine to medium grained, dark brown and dark grey, strongly cemented SP SAND fine to medium grained, dark brown, trace silt SP Indurated SAND fine to medium grained, dark brown and dark grey, strongly cemented	S M MD W MD-D M-W D-VD VD									
						END OF BOREHOLE @ 6.00 m										

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APPENDIX B3:H



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		CI	Sandy CLAY medium plasticity, dark grey, fine to medium grained sand, trace of organics	M	F							
			0.20	0.20													
M			0.30	0.30	DS 0.50-0.70 m Rec = 200/200 mm		SP	SAND fine to medium grained, pale brown and pale grey, with some medium plasticity clay becoming pale grey	M-W	D							
			0.60	0.60													
H			0.70	0.70	DS 0.50-0.70 m Rec = 200/200 mm		SP	becoming grey becoming dark grey									
			0.90	0.90													
ADT			1.10	1.10	GROUNDWATER INFLOW OBSERVED AT 0.6 M DEPTH		SP	Indurated SAND fine to medium, dark grey and dark brown, weakly cemented becoming strongly cemented		VD							
			3.50	3.50													
M-H			3.50	3.50	DS 5.50-5.70 m Rec = 200/200 mm		SP	SAND fine to medium grained, brown orange and dark brown		W							
			5.70	5.70													
			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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GAP gINT FN. F01b RL3

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								
			-0.20	-0.20			SM	Silty SAND fine to medium grained, grey and dark grey	M - W	MD								
M			-0.40	-0.40		[Graphic Log Symbols]	SP	SAND fine to medium grained, pale grey	M - W	MD								
			-0.70	-0.70			SP	Indurated SAND fine to medium, dark grey, weakly cemented trace of silt, becoming strongly cemented	W	D								
H			1.10	1.10		[Graphic Log Symbols]												
			-1.10	-1.10														
ADT			3.50	3.50		[Graphic Log Symbols]	SP	SAND fine to medium grained, brown	M - W	VD								
			-3.50	-3.50														
M			5.50	5.50		[Graphic Log Symbols]		becoming pale brown										
			-5.50	-5.50														
			6.00	-6.00				END OF BOREHOLE @ 6.00 m										

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APPENDIX B3:H



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	M				L						
			-0.20	-0.20			SP	SAND fine to medium grained, pale brown and dark grey, trace silt					D						
			0.80	0.80	DS 0.60-0.80 m Rec = 200/200 mm	-0.80		▲	SP	Indurated SAND fine to medium, dark grey, weakly cemented	W				W				
			1.60	-1.60						becoming very strongly to strongly cemented									
H			4.00	-4.00		▲	SP	SAND fine to medium grained, brown, trace silt	M - W			VD							
			6.00	-6.00			END OF BOREHOLE @ 6.00 m												

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GAP gINT FN. F01b
RL3

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

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	
			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		x	SM	Silty SAND fine to medium grained, dark grey, trace of organics	L										
			-0.20					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											
								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: BH15/12

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

COORDS: 507988.0 m E 7058709.0 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	DENSITY	DCP TEST (AS1289.6.3.2) Blows per 100 mm									
										0	5	10	15	20	25				
ADT	L	GROUNDWATER INFLOW OBSERVED AT 0.80 M DEPTH	0.00 m		SM	Silty SAND fine to medium grained, dark grey, trace of organics	L												
			0.25 - 0.25 m		ASS samples collected at 0.25m intervals to 2.0m	SP	SAND fine to medium grained, pale grey, trace of organics	M											
			0.80 - 0.80 m		DS 0.60-0.80 m Rec = 200/200 mm		becoming dark grey	M-D											
			1.50 - 1.50 m																
			1.80 - 1.80 m																
			2.40 - 2.40 m																
			2.40 - 2.40 m																
			2.60 - 2.60 m																
			-6.00			END OF BOREHOLE @ 6.00 m													

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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											
			2.00	2.00		becoming weakly cemented													
H			3.00	3.00			SP	SAND fine to medium grained, brown, trace silt	VD										
ADT			4.00	4.00					M - W										
			5.00	5.00															
M			6.00	6.00				END OF BOREHOLE @ 6.00 m											

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GAP gINT FN. F01b
RL3

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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

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 M ADT H			0.00	0.00	0.00 m ASS samples collected at 0.25m intervals to 2.0m	[X-X-X-X]	SM	Silty SAND fine to medium grained, dark grey, trace of organics with some clay	M	MD			[DCP Test Bar Chart]				
			-0.20	-0.20													
			0.50	-0.50	DS 0.50-0.70 m Rec = 200/200 mm	[Dotted]	SP	SAND fine to medium grained, pale grey and grey, with some silt	M - W	D							
			1.00	-1.00													
			1.90	-1.90													
		2.80	-2.80	[Dotted]	SP	Indurated SAND fine to medium, dark grey, weakly cemented	M - W	VD									
		3.00	-3.00														
		5.20	-5.20	[Dotted]	SP	SAND fine to medium grained, brown, with some silt	M										
			-6.00					END OF BOREHOLE @ 6.00 m									

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