

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <-DrawingFile>> 27/02/2015 16:34 8.30.004 Datgel Tools

CLIENT: SITA Australia
PROJECT: Allawuna Farm Landfill

147645033

REPORT OF TEST PIT PHOTOGRAPHS: TP10

COORDS: 462642 m E 6469116 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 25/8/14
CHECKED: DB DATE: 23/9/14

PIT DEPTH: 4.00 m BUCKET TYPE: 900 mm toothed







REPORT OF TEST PIT: TP11

SHEET: 1 OF 1

COORDS: 462810 m E 6469077 m N MGA94 50

PIT DEPTH: 1.80 m

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 26/8/14

PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm

SITA Australia

JOB NO: 147645033

BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

Sample of the property of th	JOB NO.	147043						CKET TYPE: 900 mm tootned			DATE: 23/9/14
LLM 1.0— 1.40 1.5— 1.40 1.5— 1.80 REFUSAL ON BEDROCK SECUMBLATED IN BASE OF TEST PIT. TEST PIT DISCONTINUED @ 180 m	Exca	vation		Sampling							
LLM 1.0— 1.40 1.5— 1.40 1.5— 1.80 REFUSAL ON BEDROCK SECUMBLATED IN BASE OF TEST PIT. TEST PIT DISCONTINUED @ 180 m	METHOD EXCAVATION RESISTANCE WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
T.40 1.5- 1.80 REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BASE OF TEST PIT DISCONTINUED @ 1.80 m	∰ L-M	- - -	0.30				GC	Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles,	w	L - MD	Density inferred from observations
2.5— 2.5— 3.5— 3.5—	R	- - -					SC	fine to coarse grained, orange and white with red staining, medium plasticity fines, with some angular gravel. REFUSAL ON BEDROCK.	M - W	D	
3.5—		- - -						BACKFILLED.			
		- - -									
		- - -									



REPORT OF TEST PIT PHOTOGRAPHS: TP11

COORDS: 462810 m E 6469077 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 26/8/14 CHECKED: DB DATE: 23/9/14

CLIENT: SITA Australia
PROJECT: Allawuna Farm Landfill

LOCATION: Allawuna Farm JOB NO: 147645033

GAP 8, 08.06 LIB.GLB GréTbl GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <<DrawingFile>>

PIT DEPTH: 1.80 m BUCKET TYPE: 900 mm toothed







CLIENT:

REPORT OF TEST PIT: TP12

COORDS: 462889 m E 6469114 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOCATION: Allawuna Farm PIT DEPTH: 1.40 m LOGGED: RF DATE: 26/8/14 147645033 JOB NO: BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

		Exca	vation		Sampling				Field Material Desci	riptio	on		=
МЕТНОБ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
EX	L-M		-0.0 - - - - 0.5 -	0.30					TOPSOIL Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.	w	L	Density inferred from observations	-
	R		1.0 —	1.00					Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with some angular gravel. REFUSAL ON BEDROCK.	-	D		-
			1.5 —						GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 1.40 m				-
			- - 2.5 — - -										-
			3.0 — - - -										-
			3.5 —										-
			- - - 4.5 —										-
			- - 5.0 —						conjunction with accompanying notes and abbreviations. It				



147645033

LOCATION: Allawuna Farm

JOB NO:

REPORT OF TEST PIT PHOTOGRAPHS: TP12

COORDS: 462889 m E 6469114 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 1.40 m

SHEET: 1 OF 1 MACHINE: 30t Excavator

CONTRACTOR:

DATE: 26/8/14 LOGGED: RF

CHECKED: DB

DATE: 23/9/14





LOCATION: Allawuna Farm

CLIENT:

REPORT OF TEST PIT: TP13

COORDS: 463095 m E 6469206 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOGGED: RF DATE: 26/8/14

147645033 JOB NO: BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

PIT DEPTH: 1.50 m

													=
		Exca	vation		Sampling	<u> </u>			Field Material Desc				
МЕТНОВ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
			-0.0				71.7		TOPSOIL			Density inferred from observations	Γ
			0.5—	0.30			10000000000000000000000000000000000000		Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.		L		-
EX	L-M		1.0 —	0.90				SC	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with some angular gravel.	w	D		
			- 1.5	1.50			·						
	R		-						REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 1.50 m				
			2.0 —										-
			2.5 — - -										
			3.0 —										
			3.5 —										
			4.0 —										
			4.5 —										
			5.0						conjunction with accompanying notes and abbreviations. It				



LOCATION: Allawuna Farm

JOB NO:

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CLIENT: SITA Australia
PROJECT: Allawuna Farm Landfill

147645033

REPORT OF TEST PIT PHOTOGRAPHS: TP13

COORDS: 463095 m E 6469206 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 1.50 m

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 26/8/14

CHECKED: DB DATE: 23/9/14







CLIENT:

REPORT OF TEST PIT: TP14

SHEET: 1 OF 1

COORDS: 462532 m E 6468982 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm

PIT DEPTH: 2.80 m LOGGED: RF

DATE: 27/8/14 JOB NO: 147645033 BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

Exca	avation		Sampling	_		Ι.	Field Material Desc			
METHOD EXCAVATION RESISTANCE WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	STRUCTURE AND ADDITIONAL OBSERVATIONS
L	0.0	0.20					TOPSOIL Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.	M	L	Density inferred from observations
м-н	1.0	1.30				-	Clayey SAND to Sandy CLAY fine to coarse grained, orange and white, weakly to moderately iron cemented with pisolitic gravel embedded.			
ă	1.5 — - - -				* * * * * * * * * *	MH	Clayey SILT high plasticity silt, orange and white with red staining, between about 30% to 50% fine to coarse grained sand	D - N	St - VSt	
м-н	2.0 —		BDS 2.00-2.50 m Rec = 500/500 mm 3 bags			-				
R	3.0 —	2.80				-	REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.80 m			
	3.5 —									
	4.0									
	4.5 —									



LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB GricTbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <<DrawingFile>>

SITA Australia PROJECT: Allawuna Farm Landfill

147645033

REPORT OF TEST PIT PHOTOGRAPHS: TP14

COORDS: 462532 m E 6468982 m N MGA94 50

SURFACE RL: DATUM: AHD

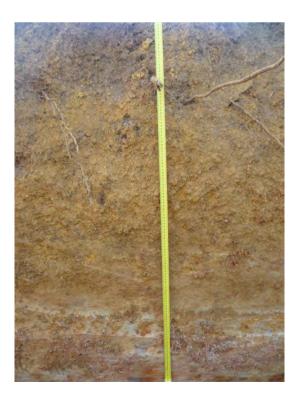
SHEET: 1 OF 1 MACHINE: 30t Excavator

CONTRACTOR:

DATE: 27/8/14 LOGGED: RF

PIT DEPTH: 2.80 m DATE: 23/9/14 BUCKET TYPE: 900 mm toothed CHECKED: DB







CLIENT:

REPORT OF TEST PIT: TP15

SHEET: 1 OF 1

COORDS: 462742 m E 6468960 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

 LOCATION:
 Allawuna Farm
 PIT DEPTH:
 4.00 m
 LOGGED:
 RF
 DATE:
 26/8/14

 JOB NO:
 147645033
 BUCKET TYPE:
 900 mm toothed
 CHECKED:
 DB
 DATE:
 23/9/14

							_					
	E	Exca	vation		Sampling	_			Field Material Descri	•		Г
МЕТНОВ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			—0.0— _				<u> </u>		TOPSOIL			Density inferred from observations
			_				77.77 7.77 7.77					
			-	0.30			11. 11.	GC	Clayey GRAVEL			
			0.5 —				000		fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.	w	١.	
	L		0.5 —	0.60			0 0	SC		Į vv	L	
			-					30	Clayey SAND fine to coarse grained, pale brown with white and red staining, low to intermediate plasticity fines, with some roots and rootlets.			
			-				<u> </u>		to intermediate plasticity lines, with some roots and rootes.			
			1.0 —	1.00				CC /				
			-					SC / CI	Silty Clayey SAND to Sandy Silty CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and			
			-						rootlets.			
			_									
			1.5 —									
			-									
			_									
			-									
ĭ			2.0 —									
			_									
			_									
			-							M -	St - VSt	
	М-Н		2.5 —				- <u> -</u> -			W	VSt	
			_									
			-									
			3.0 —									
			-									
			-									
			_									
			3.5 —									
			-									
			_									
			-	4.00								
			-4.0 -	4.00			·: -		TARGET DEPTH ACHIEVED. GROUNDWATER ENCOUNTERED.			
			-						BACKFILLED. TEST PIT DISCONTINUED @ 4.00 m			
			-						_			
			4.5 —									
			-									
			-									
		1	_			1						



147645033

LOCATION: Allawuna Farm

JOB NO:

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REPORT OF TEST PIT PHOTOGRAPHS: TP15

COORDS: 462742 m E 6468960 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 4.00 m

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 26/8/14

CHECKED: DB DATE: 23/9/14







CLIENT:

REPORT OF TEST PIT: TP16

SHEET: 1 OF 1

COORDS: 462599 m E 6468918 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF

LOCATION: Allawuna Farm PIT DEPTH: 4.00 m DATE: 27/8/14 147645033 JOB NO: BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

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	Ī	Exca	ation/		Sampling				Field Material Desc				_
МЕТНОБ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
			-0.0				<u> </u>		TOPSOIL			Density inferred from observations	Τ
	L			0.20			00000		Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.	w	L		
		-	- - -	0.60				SC /	Clayey SAND fine to coarse grained, yellow with white and red staining, with 15% to 30% intermediate plasticity fines, with some roots and rootlets. Sity Clayey SAND to Sandy Sity CLAY				
			1.0 —					CI	fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and rootlets.				
			1.5 — - -										
Υ			2.0 —										
	M-H		2.5 — - -							M - W	St - VSt		
			3.0 —										
			3.5 —										
			- 4.0	4.00									
			-4.0 - - - - 4.5						TARGET DEPTH ACHIEVED. GROUNDWATER ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.00 m				
			5.0										



REPORT OF TEST PIT PHOTOGRAPHS: TP16

COORDS: 462599 m E 6468918 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 27/8/14
CHECKED: DB DATE: 23/9/14

CLIENT: SITA Australia
PROJECT: Allawuna Farm Landfill

GAP 8.08.06 LIB.GLB GricTbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <<DrawingFile>>

LOCATION: Allawuna Farm JOB NO: 147645033

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 4.00 m







LOCATION: Allawuna Farm

JOB NO: 147645033

SITA Australia

CLIENT:

REPORT OF TEST PIT: TP17

COORDS: 462461 m E 6468894 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

SHEET: 1 OF 1

PIT DEPTH: 3.80 m LOGGED: RF DATE: 27/8/14 BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

		-we-	ti - :-		Co !!				Pt. 13 M. 4. 1 1 5			
Т		xca	vation		Sampling	Τ		٦	Field Material Desci			
MELHOD	EXCAVATION RESISTANCE	WATER	(metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
Ī			—0.0— -				17. V		TOPSOIL			Density inferred from observations
	L		0.5	0.20				SC	Clayey SAND fine to coarse grained, yellow with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets.	М	L	
			1.0 — 1.5 —	0.90				SC / CI	Silty Clayey SAND to Sandy Silty CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and rootlets.			
i			2.0									
	M-H		- 2.5 — - -							D - M	St - VSt	
			3.0 —									
			-									
	R		4.0 —	3.80					REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 3.80 m			
			- 4.5 — - -									
			5.0		This report of test pit is echnical purposes on	must	t be rea	ad in	conjunction with accompanying notes and abbreviations. It	has	been	prepared for



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <-DrawingFile>> 27/02/2015 16:34 8.30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP17

COORDS: 462461 m E 6468894 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 27/8/14 CHECKED: DB DATE: 23/9/14

PIT DEPTH: 3.80 m BUCKET TYPE: 900 mm toothed







SITA Australia

CLIENT:

REPORT OF TEST PIT: TP18

SHEET: 1 OF 1

COORDS: 462344 m E 6468807 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

 LOCATION:
 Allawuna Farm
 PIT DEPTH: 2.90 m
 LOGGED: RF
 DATE: 25/8/14

 JOB NO:
 147645033
 BUCKET TYPE: 900 mm toothed
 CHECKED: DB
 DATE: 23/9/14

JUB NU. 14764503		В	CKET TYPE: 900 mm tootned			CKED: DB DATE. 23/9/14
Excavation	Sampling		Field Material Descr	·		I
METHOD EXCAVATION RESISTANCE WATER DEPTH (metres)	SAMPLE OR FIELD TEST	GRAPHIC LOG USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
X3 M-H	0		Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets. Sitty Clayey SAND to Sandy Sitty CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and rootlets.	MOISTUR O O O O O O O O O O O O O O O O O O O	L	ADDITIONAL OBSERVATIONS Density inferred from observations
3.5—						
4.0-						
4.5 —						
5.0						



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <-DrawingFile>> 27/02/2015 16:34 8.30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP18

COORDS: 462344 m E 6468807 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 2.90 m

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 25/8/14

CHECKED: DB DATE: 23/9/14







CLIENT:

REPORT OF TEST PIT: TP19

SHEET: 1 OF 1

COORDS: 462541 m E 6468844 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

 LOCATION:
 Allawuna Farm
 PIT DEPTH:
 4.00 m
 LOGGED:
 RF
 DATE:
 27/8/14

 JOB NO:
 147645033
 BUCKET TYPE:
 900 mm toothed
 CHECKED:
 DB
 DATE:
 23/9/14

0051		11701					20	SKET THE. 300 min toothed		OFFIC		=
	Exca	vation		Sampling	_			Field Material Descri	•			_
METHOD	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
		 0.0				71.7	1	TOPSOIL			Density inferred from observations	Τ
L		- - - 0.5 —	0.20			0. V		Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets.	w	L		
		- 1.0 — - -	0.90				SC / CI	Silty Clayey SAND to Sandy Silty CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and rootlets.				
		- 1.5 — - -										
Š.		2.0 —							M -	St -		
M-I	H	2.5							W	VSt		
		3.0										
		3.5 —	4.00									
		4.0						TARGET DEPTH ACHIEVED. GROUNDWATER ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.00 m				
		4.5 — -										
		-										



REPORT OF TEST PIT PHOTOGRAPHS: TP19

COORDS: 462541 m E 6468844 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 27/8/14
CHECKED: DB DATE: 23/9/14

PROJECT: Allawuna Farm Landfill

LOCATION: Allawuna Farm JOB NO: 147645033

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <-DrawingFile>> 27/02/2015 16:34 8.30.004 Datgel Tools

PIT DEPTH: 4.00 m
BUCKET TYPE: 900 mm toothed







CLIENT:

REPORT OF TEST PIT: TP20

COORDS: 462725 m E 6468874 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

SHEET: 1 OF 1

 LOCATION:
 Allawuna Farm
 PIT DEPTH:
 3.80 m
 LOGGED:
 RF
 DATE:
 26/8/14

 JOB NO:
 147645033
 BUCKET TYPE:
 900 mm toothed
 CHECKED:
 DB
 DATE:
 23/9/14

SAMPLE OR FIELD TEST SAMPLE OR FIELD TEST
1.0



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <-DrawingFile>> 27/02/2015 16:34 8.30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP20

COORDS: 462725 m E 6468874 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 3.80 m

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 26/8/14

CHECKED: DB DATE: 23/9/14







SITA Australia

CLIENT:

REPORT OF TEST PIT: TP21

COORDS: 462881 m E 6468940 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF

SHEET: 1 OF 1

LOCATION: Allawuna Farm PIT DEPTH: 3.20 m DATE: 26/8/14 JOB NO: 147645033 BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

H-F EXCAVATION RESISTANCE WATER WATER	(Salpation) HLG3Q (O.5 — O.5		Sampling SAMPLE OR FIELD TEST	RECOVERED	SC SC CI	TOPSOIL Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded		CONSISTENCY US	STRUCTURE AND ADDITIONAL OBSERVATIONS Density inferred from observations
L	0.0	0.20	FIELD TEST	<u>2.0</u>	SC SC CI	Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets. Sity Clayey SAND to Sandy Sity CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and			
L	0.5	_		\$\frac{\fin}}}}}}{\frac}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac	SC SC CI	Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets. Sity Clayey SAND to Sandy Sity CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and			
	1.0 —	0.40			SC CI	to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets. Sitty Clayey SAND to Sandy Sitty CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and			
м-н	- - -								
M-H	-	1			, , , , , , , , , , , , , , , , , , ,				
	2.0 —	- - -					M - W	St - VSt	
	2.5 —	-							
	3.0 —	3.20							
R	3.5—	- - - -				REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 3.20 m			
	4.0	-							
	4.5 —	- - - -							



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8, 08.06 LIB.GLB GricTbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS), GPJ <<DrawingFile>> 27/02/2015 16:34 8,30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP21

COORDS: 462881 m E 6468940 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 30t Excavator

CONTRACTOR:

CHECKED: DB

LOGGED: RF DATE: 26/8/14

DATE: 23/9/14

PIT DEPTH: 3.20 m

BUCKET TYPE: 900 mm toothed







CLIENT:

REPORT OF TEST PIT: TP22

SHEET: 1 OF 1

COORDS: 463230 m E 6468999 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 26/8/14

LOCATION: Allawuna Farm PIT DEPTH: 1.90 m 147645033 JOB NO: BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

									SKET THE. 300 min toothed			57.12. 26.6711	=
\vdash		Exca	vation		Sampling	_			Field Material Descr				\dashv
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED		USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
			0.0				71.7		TOPSOIL			Density inferred from observations	
	L		- - - 0.5 —	0.15			<u>V. V.</u>	SC	Clayey SAND fine to coarse grained, brown with white and red staining, low to medium plasticity fines, with gravel, with some roots and rootlets.		L		-
EX			- 1.0 — - -	0.90	1.00-1.50 m Rec = 500/500 mm 1 bag			SC	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with some roots and rootlets.	D			
	М-Н		- 1.5 — - -	1.90							D		-
	R		2.0						REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 1.90 m				-
			2.5 — - -										=
			3.0 —										-
			3.5 —										-
			4.0										_
			4.5 — - -										-
			5.0		This report of test pit	mus	t he ro	ai he	conjunction with accompanying notes and abbreviations. It	hae	heer	prepared for	



REPORT OF TEST PIT PHOTOGRAPHS: TP22

COORDS: 463230 m E 6468999 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 1.90 m

SHEET: 1 OF 1 MACHINE: 30t Excavator

CONTRACTOR:

DATE: 26/8/14 LOGGED: RF

CHECKED: DB

DATE: 23/9/14

CLIENT: SITA Australia PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm JOB NO: 147645033

GAP 8.08.06 LIB.GLB GricTbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <<DrawingFile>>







REPORT OF TEST PIT: TP23

SHEET: 1 OF 1

COORDS: 463180 m E 6468909 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 26/8/14

PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm

SITA Australia

147645033 JOB NO:

PIT DEPTH: 0.80 m BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

		Exca	vation		Sampling				Field Material Desc	riptic	n		\neg
МЕТНОБ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
			-0.0-			T			TOPSOIL			Density inferred from observations	\exists
X	L		-	0.40			15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15			w	L		-
Ш	Н		0.5 —				0000	30	Clayey GRAVEL fine to medium grained gravel, angular to sub-angular particles, white with red staining, with medium plasticity fines, presence of unweathered bedrock, with some roots and rootlets.	VV	D		-
	R	-		0.80			0 70		REFUSAL ON BEDROCK.				
			1.0 —						GROUNDWATER ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 0.80 m				-
			-										-
200			1.5 —										-
Daige			-										
0.00 0.00.0			2.0										-
21/02/2013			-										-
dwing: ner-			2.5 —										-
25.6			-										-
			3.0 —										-
5			-										-
			3.5 —										
17.77-000			-										-
2			4.0 —										
אבר רכירי			-										
SUBLIBIATE LUG GAP NON-CURE FAUE 147043033 - 23-27 GEOTECH INVESTIGATION (TEST FITS) GAS A-SUBMINGRIES 27/02/2013 16.35 G-SUUGH DAIGEI TOIS			4.5 — -										
			-										-
1	<u> </u>	Ш	5.0 —		This report of test pit i	mus	t he re:	ad in	conjunction with accompanying notes and abbreviations. It	has	heen	prepared for	\perp



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ < DrawingFile>> 27/02/2015 16:35 8:30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP23

COORDS: 463180 m E 6468909 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1 MACHINE: 30t Excavator

CONTRACTOR:

DATE: 26/8/14 LOGGED: RF

PIT DEPTH: 0.80 m DATE: 23/9/14 BUCKET TYPE: 900 mm toothed CHECKED: DB







SITA Australia

REPORT OF TEST PIT: TP24

COORDS: 463044 m E 6468802 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOCATION: Allawuna Farm PIT DEPTH: 2.90 m LOGGED: RF DATE: 26/8/14 JOB NO: 147645033 BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

		Exca	vation		Sampling				Field Material Desc	<u> </u>		
МЕТНОВ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
	L		-0.0 - - - - 0.5	0.20			V V V	SC	TOPSOIL Clayey SAND fine to coarse grained, brown with white and red staining, low to medium plasticity fines, with gravel, with some roots and rootlets.	М	L	Density inferred from observations
			1.0 —	1.20				SC /	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with some roots and rootlets. Silty Clayey SAND to Sandy Silty CLAY		-	
EX			1.5 —	-				CI	fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and rootlets.			
	M-H		2.0 —	-						D - M	St - VSt	
	R		2.5 — - -	2.90								
			3.0	-					REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.90 m			
			3.5									
			4.0	-								
			4.5 — - - -	-								
			5.0	geot	echnical purposes on	ly, w	ithout a	atten	conjunction with accompanying notes and abbreviations. It is to assess possible contamination. Any references to pol ssarily indicate the presence or absence of soil or groundway.	entia	I cont	tamination are for



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ < DrawingFile>> 27/02/2015 16:35 8:30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP24

COORDS: 463044 m E 6468802 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 2.90 m

SHEET: 1 OF 1 MACHINE: 30t Excavator

CONTRACTOR:

DATE: 26/8/14 LOGGED: RF

DATE: 23/9/14 CHECKED: DB







CLIENT:

REPORT OF TEST PIT: TP25

SHEET: 1 OF 1

COORDS: 462755 m E 6468785 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF

LOCATION: Allawuna Farm PIT DEPTH: 3.60 m DATE: 26/8/14 147645033 JOB NO: BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

										_		
-		Exca	vation		Sampling				Field Material Descri			
МЕТНОБ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			-0.0				71.7		TOPSOIL			Density inferred from observations
	L		- -	0.30				GC	Clayey GRAVEL		L	
			0.5	0.60			000	00	fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.			
			-					SC	Clayey SAND fine to coarse grained, yellow and white and red staining, medium plasticity fines, with some roots and rootlets.	М		
	М		1.0 —								D	
			-									
			1.5—	1.40				SC / CI	Silty Clayey SAND to Sandy Silty CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and			
			-						rootlets.			
			2.0									
			-									
	M-H		2.5—							D - N	St - VSt	
			-									
			3.0 —									
			-									
	В		3.5—	3.60								
	R		-						REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 3.60 m			
			4.0									
			-									
			4.5 —									
			-									
- 1			-									



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ < DrawingFile>> 27/02/2015 16:35 8:30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP25

COORDS: 462755 m E 6468785 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 3.60 m

SHEET: 1 OF 1 MACHINE: 30t Excavator

CONTRACTOR:

DATE: 26/8/14 LOGGED: RF

DATE: 23/9/14 CHECKED: DB







SITA Australia

CLIENT:

REPORT OF TEST PIT: TP26

SHEET: 1 OF 1

COORDS: 462431 m E 6468685 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

 LOCATION:
 Allawuna Farm
 PIT DEPTH:
 1.80 m
 LOGGED:
 RF
 DATE:
 25/8/14

 JOB NO:
 147645033
 BUCKET TYPE:
 900 mm toothed
 CHECKED:
 DB
 DATE:
 23/9/14

	B NO		14764					ВО	CKET TYPE: 900 mm toothed		OFILC	OKED: DB DATE: 23/9/14
		Exca	vation		Sampling				Field Material Descr	•		
МЕТНОБ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			—0.0— _				<u></u>		TOPSOIL			Density inferred from observations
	L		- - 0.5 —	0.20				SC	Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets. Sitty Clayey SAND to Sandy Sitty CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and	w	L	
Ä	м-н		- - 1.0 — -					-	rootiets.	M - W	St - VSt	
			- 1.5 — - -	1.80				-				
	R		2.0 — - -						REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 1.80 m			
			2.5 — -									
			3.0 —									
			3.5 —									
			 4.0 									
			- - 4.5—									
			- - - 5.0									



GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ < DrawingFile>> 27/02/2015 16:35 8:30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP26

COORDS: 462431 m E 6468685 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 2
MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 25/8/14 CHECKED: DB DATE: 23/9/14

LOCATION: Allawuna Farm PIT DEPTH: 1.80 m

JOB NO: 147645033 BUCKET TYPE: 900 mm toothed







REPORT OF TEST PIT PHOTOGRAPHS: TP26

COORDS: 462431 m E 6468685 m N MGA94 50

SURFACE RL: DATUM: AHD

PIT DEPTH: 1.80 m

SHEET: 2 OF 2 MACHINE: 30t Excavator

CONTRACTOR:

LOGGED: RF DATE: 25/8/14
CHECKED: DB DATE: 23/9/14

CLIENT: SITA Australia
PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm

147645033

JOB NO:

BUCKET TYPE: 900 mm toothed





SITA Australia

CLIENT:

REPORT OF TEST PIT: TP27

COORDS: 462470 m E 6468591 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 30t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOCATION: Allawuna Farm PIT DEPTH: 2.40 m LOGGED: RF DATE: 25/8/14 JOB NO: 147645033 BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

												_
E	xcav	ation		Sampling				Field Material Descr	•			
METHOD EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
		-0.0 -				17.17		TOPSOIL			Density inferred from observations	
		-	0.30			77.77 77.77						
L		0.5	0.00			÷	SC	Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets.	М	L		
		-	0.80			<u>.</u>						
		1.0 —					SC / CI	Sity Clayey SAND to Sandy Silty CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and rootlets.				
Y L		- -										
M-H		1.5 —							D - N	St - VSt		
		-										
		2.0 —										
		-	2.40									
R		2.5—						REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.40 m				
		-						1.20111 200011110 <u>22 Q 2</u> 110111				
		3.0 —										
		-										
		-										
		3.5 —										
		-										
		4.0 —										
		-										
		4.5 —										
		=										
		-										



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ < DrawingFile>> 27/02/2015 16:35 8:30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP27

COORDS: 462470 m E 6468591 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 2.40 m

SHEET: 1 OF 1 MACHINE: 30t Excavator

CONTRACTOR:

DATE: 25/8/14 LOGGED: RF

DATE: 23/9/14 CHECKED: DB







CLIENT:

JOB NO:

REPORT OF TEST PIT: TP28

SHEET: 1 OF 1

COORDS: 462350 m E 6469090 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOCATION: Allawuna Farm PIT DEPTH: 0.70 m LOGGED: RF DATE: 9/9/14 147645033 BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

Non-column Non	0. 11701					SKET TITE: 500 HIII ISOURCE	=	J. ILC	5/(E. 20/0/11	_
L 0.5— H 7.5— 2.0— 3.5— 3.5— 4.0—	Excavation		Sampling			Field Material Descr				
L		<i>DEPTH</i> RL	SAMPLE OR ELECTRIC SAMPLE SAMPLE OR ELECTRIC SAMPLE SAMPL	GRAPHIC	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
Xii	0.0			<u>\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ </u>	Ч	TOPSOIL			Density inferred from observations	Т
1.5 — 2.5 — 3.5 — 4.0 — 4.0 —	- - 0.5 —	0.20		2.5. \(\frac{1}{2} \)		Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets. Clayey SAND	М	L		-
1.0 — 1.5 — 2.0 — 3.0 — 3.5 — 4.0 — 4.0 —	-	0.70		[]	fine to coarse grained, white with red staining, medium plasticity fines, with angular gravel, with some roots and rootlets.	1	D		
2.5 — 3.5 — 4.0 — 4.0 —	1.0	-			•	REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 0.70 m				-
2.5 — 3.0 — 3.5 — 4.0 —	1.5 —									-
3.5 —	2.0									-
3.5 —	2.5 — - -									
4.0	3.0	-								
	3.5 —	-								
4.5	4.0	-								
5.0	-	-								



COORDS: 462350 m E 6469090 m N MGA94 50

SURFACE RL: DATUM: AHD

MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14

PROJECT: Allawuna Farm Landfill

LOCATION: Allawuna Farm JOB NO: 147645033

PIT DEPTH: 0.70 m
BUCKET TYPE: 900 mm toothed



1.



REPORT OF TEST PIT: TP29

SHEET: 1 OF 1

COORDS: 462764 m E 6469075 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: RF DATE: 9/9/14

PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm

SITA Australia

CLIENT:

PIT DEPTH: 1.30 m JOB NO: 147645033 BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

Secretarion Sampling Sampli		14764			_			CKET TYPE: 900 mm tootned			CKED: DB DATE. 23/9/14
Density inferred from observations 1.5	Exca	vation		Sampling							
Derady efferted from observations Value V	METHOD EXCAVATION RESISTANCE WATER		<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	_		USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	STRUCTURE AND ADDITIONAL OBSERVATIONS
SC Clayer SAND polined, also brown with white and red stabning, low to medium plated types, with some rounded to subtrounded gravet, with some rounded and rounded gravet, with some round		0.0				717. 7					
1.30 REFUSAL ON BEDROCK (ROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BAST PIT DISCONTINUED @ 1.30 m 3.5 -	L	0.5						fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded		L	
REPLIENT ON BEDROCK GROWN PATHER ACCUMULATED IN BASE OF TEST PIT. TEST PIT DISCONTINUED @ 1.30 m 2.0— 3.0— 4.0— 4.0— 4.0— 4.0— 4.0— 4.0— 4.0— 4		-	0.00			÷ : : :	SC	fine to coarse grained, white with red staining, medium plasticity	M - W		
1.5— 2.0— 3.0— 3.5— 4.0— 4.0—	R	-	1.30			· · · · · · · · · · · · · · · · · · ·		GROUNDWATER ACCUMULATED IN BASE OF TEST PIT.		D	
3.5—		1.5 —						BACKFILLED. TEST PIT DISCONTINUED @ 1.30 m			
3.5—		- - -									
3.5—		- - -									
4.0—		- - -									
		3.5 —									
		4.0									
		4.5									



147645033

LOCATION: Allawuna Farm

JOB NO:

REPORT OF TEST PIT PHOTOGRAPHS: TP29

COORDS: 462764 m E 6469075 m N MGA94 50

SURFACE RL: DATUM: AHD

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 1.30 m

SHEET: 1 OF 1 MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: RF DATE: 9/9/14

DATE: 23/9/14 CHECKED: DB



1.



SITA Australia PROJECT: Allawuna Farm Landfill

REPORT OF TEST PIT: TP30

SHEET: 1 OF 1

COORDS: 462631 m E 6468894 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOCATION: Allawuna Farm PIT DEPTH: 4.00 m

DATE: 9/9/14 LOGGED: RF

	B NC): 	14764	5033				BU	CKET TYPE: 900 mm toothed		OHEC	CKED: DB DATE: 23/9/14
			vation		Sampling			 	Field Material Descr			
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			0.0 - - -	0.20			7. 7. 7. 7. 7. 7.	SC	TOPSOIL Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded			Density inferred from observations
			0.5 — - -	0.60				SC	gravel, with some roots and rootlets. Clayey SAND fine to coarse grained, yellow with white and red staining, with approximately 15% to 30% medium plasticity fines, with some			
	L-M		1.0 —	-					roots and rootlets.	w	L-S	
			- - 1.5 —	-								
			- - -	1.90				00.4				
5			2.0 —					SC / CI	Silty Clayey SAND to Sandy Silty CLAY fine to coarse grained, orange and white with red staining reducing at depth, medium plasticity fines, with some roots and rootlets.			
			2.5 —	-								
	M-H		3.0 —	-						M - W	St - VSt	
			-	-								
			3.5 —	-								
			4.0 	4.00					TARGET DEPTH ACHIEVED. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 4.00 m			
			- 4.5 —	-								
			- - 5.0 —	-								



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB Griftbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ <<DrawingFile>>

REPORT OF TEST PIT PHOTOGRAPHS: TP30

COORDS: 462631 m E 6468894 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14

PIT DEPTH: 4.00 m

BUCKET TYPE: 900 mm toothed



1.



2



SITA Australia

CLIENT:

REPORT OF TEST PIT: TP31

COORDS: 462963 m E 6469073 m N MGA94 50

PIT DEPTH: 1.60 m

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOGGED: RF DATE: 9/9/14 CHECKED: DB DATE: 23/9/14

PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm

JOB NO: 147645033 BUCKET TYPE: 900 mm toothed

		_					1					
		T	vation		Sampling	T		٦	Field Material Descri	•		
METHOD	EXCAVATION	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			0.0				<u>17. 11.</u>		TOPSOIL			Density inferred from observations
	L		- - 0.5—	0.20				SC	Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets.		L	
Y			1.0 —	0.70				SC	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with angular gravel, with some roots and rootlets.	M - W		
	M-H	1	-	-							D	
	R		1.5 —	1.60			<u>-</u> —		DEFINAN ON DEDDOOR			
			-	-					REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 1.60 m			
			2.0	-								
			2.5 —	-								
			3.0 —	-								
			- - -									
			3.5 —	-								
			4.0 —	-								
			- 4.5									
				-								
			5.0									



COORDS: 462963 m E 6469073 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14

PROJECT: Allawuna Farm Landfill

LOCATION: Allawuna Farm JOB NO: 147645033

GAP 8.08.06 LIB.GLB Gr6Tbi GAP TEST PIT PHOTO 2 PER PAGE 147645033 - 25-27 GEOTECH INVESTIGATION (TEST PITS).GPJ < DrawingFile>> 27/02/2015 16:36 8:30.004 Datgel Tools

PIT DEPTH: 1.60 m BUCKET TYPE: 900 mm toothed



1.





CLIENT:

REPORT OF TEST PIT: TP32

SHEET: 1 OF 1

COORDS: 462987 m E 6469267 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOCATION: Allawuna Farm PIT DEPTH: 2.00 m LOGGED: RF DATE: 9/9/14 147645033 JOB NO: BUCKET TYPE: 900 mm toothed CHECKED: DB DATE: 23/9/14

						_							
		Exca	vation		Sampling				Field Material Descr			Г	
METHOD	EXCAVATION	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
			-0.0				717. 7		TOPSOIL			Density inferred from observations	Τ
	L		0.5 —	0.20			20 A	SC	Clayey SAND fine to coarse grained, pale brown with white and red staining, low to medium plasticity fines, with some rounded to subrounded gravel, with some roots and rootlets.	w	L		
X			1.0 — - -	0.90				SC	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with angular gravel, with some roots and rootlets.				
	M-H	I	- 1.5 — - -							M - W	D		٠
			-	2.00			:-::						
	R								REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 2.00 m				
			3.0 — - -										
			3.5 —										
			4.0 —										
			4.5 —										



147645033

LOCATION: Allawuna Farm

JOB NO:

REPORT OF TEST PIT PHOTOGRAPHS: TP32

COORDS: 462987 m E 6469267 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14

PIT DEPTH: 2.00 m
BUCKET TYPE: 900 mm toothed



1.



Test Pit Investigation November 2014





CLIENT:

REPORT OF TEST PIT: TP83

COORDS: 462424 m E 6469384 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

CONTRACTOR.

SHEET: 1 OF 1

 LOCATION: Allawuna Farm
 PIT DEPTH: 5.10 m
 LOGGED: AW
 DATE: 18/11/14

 JOB NO: 147645033
 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

Sample of Pield Material Description Sample of Pield Material Description SAMPLE OR PIELD TEST DESCRIPTION DESCR		Co					
Density inferred from observations Collapse Collap	ANCE NO PROPERTY OF THE PROPER	Sampling		Field Material Desc	<u> </u>		
TOPSOIL 1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	WATER WATER (metres)	SAMPLE OR FIELD TEST	GRAPHIC LOG USCS SYMBOI	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENC) DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
2.50 SC / Sandy Silty CLAY to Silty Clayey SAND white with orange and red, medium plasticity fines, with some roots and rootlets. Fine to coarse grained sand, pockets of predominantly sand and gravel angular to subangular, poorly sorted quartz - from weathered granite	0 	BDS 0.70-1.00 m Rec = 300/300 mm 3/4 bag BDS 1.70-2.00 m Rec = 300/300 mm	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Clayey GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, pale orange to pale brown, with some fine to medium sand, low plasticity fines. Clayey SAND fine to medium grained, orange, with red-brown (oxidised)		L	
	2.50		- SC /	white with orange and red, medium plasticity fines, with some roots and rootlets. Fine to coarse grained sand, pockets of predominantly sand and gravel angular to subangular, poorly	М		



COORDS: 462424 m E 6469384 m N MGA94 50

SURFACE RL: DATUM: AHD

PIT DEPTH: 5.10 m

SHEET: 1 OF 1 MACHINE: 25t Excavator

CONTRACTOR:

DATE: 18/11/14 LOGGED: AW DATE: 19/2/15

CHECKED: RF

CLIENT: SITA Australia PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm JOB NO: 147645033

BUCKET TYPE: 900 mm toothed





SITA Australia

CLIENT:

REPORT OF TEST PIT: TP84

COORDS: 462548 m E 6469464 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

CONTRACTOR.

SHEET: 1 OF 1

 LOCATION: Allawuna Farm
 PIT DEPTH: 5.20 m
 LOGGED: AW
 DATE: 18/11/14

 JOB NO: 147645033
 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

JOB NO:	14764503	3				BU	CKET TYPE: 900 mm toothed		CHEC	CKED: RF DATE: 19/2/15	
Exc	avation		Sampling				Field Material Desc	<u> </u>			_
METHOD EXCAVATION RESISTANCE WATER		PTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
	-	F	BDS 0.50-0.80 m Rec = 300/300 mm 3/4 Bag			2	TOPSOIL Clayey GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, pale orange to pale brown, with some fine to medium sand, low plasticity fines.	D	L	Density inferred from observations	
Stor English buy on work-one in the construction of the constructi	1	8	BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag			SC	Clayey SAND fine to medium grained, orange and yellow, with red-brown (oxidised) cemented pea gravel, medium plasticity fines, with some roots and rootlets.	D - N	N D		
TNUNCONED TOLL TAKE 1470-1000	5	F	5.00-5.20 m Rec = 200/200 mm 3/4 Bag			SC /	Sandy Silty CLAY to Silty Clayey SAND fine to coarse grained sand, white with red staining, medium plasticity fines, with some roots and rootlets. Pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 5.20 m	M	St - VSt		-



COORDS: 462548 m E 6469464 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: AW DATE: 18/11/14

CHECKED: RF

DATE: 19/2/15

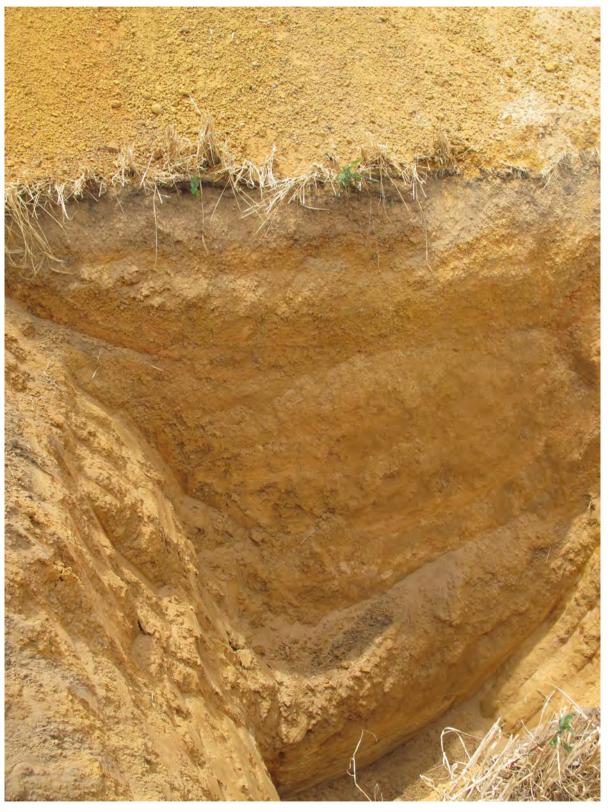
CLIENT: SITA Australia

PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm

JOB NO: 147645033

GAP 8_08.06 LIB.GLB Grictbi GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawningFile>> 27,022015 16:46 8.30.004 Datgel Tools

PIT DEPTH: 5.20 m BUCKET TYPE: 900 mm toothed





147645033

LOCATION: Allawuna Farm

SITA Australia

CLIENT:

JOB NO:

27/02/2015 16:46 8:30:004

147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawingFile>>

GAP 8 08.06 LIB.GLB

REPORT OF TEST PIT: TP85

COORDS: 462664 m E 6469559 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

PIT DEPTH: 4.90 m LOGGED: AW DATE: 18/11/14 BUCKET TYPE: 900 mm toothed CHECKED: RF DATE: 19/2/15

Sampling **Field Material Description** MOISTURE CONDITION CONSISTENCY DENSITY **USCS SYMBOL** RECOVERED STRUCTURE AND SAMPLE OR GRAPHIC LOG ADDITIONAL OBSERVATIONS SOIL/ROCK MATERIAL DESCRIPTION WATER DEPTH (metres) FIELD TEST DEPTH RL Density inferred from observations TOPSOIL 17:11 <u>v. v.</u> 0.30 0000 Clayey GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, pale orange to pale brown, with some minor fine to medium sand, low plasticity fines, with some roots and rootlets. GC BDS 0.50-1.00 m Rec = 500/500 mm 2 bags D L 0-4 Λ 0 1.20 Clayey SAND fine to medium grained, orange and yellow, with red-brown (oxidised) cemented pea gravel, with pockets of silt. Medium plasticity fines, with some roots and rootlets. SC L Datgel Tools 2 BDS 2.00-2.50 m Rec = 500/500 mm D 2 bags Ξ 2.90 Sandy Silty CLAY to Silty Clayey SAND fine to coarse grained sand, white with red staining, medium plasticity fines, with some roots and rootlets. Zones of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite. 3 CI М BDS 3.50-4.00 m Rec = 500/500 mm 2 bags М 4.90 TARGET DEPTH ACHIEVED. Log GAP NON-CORED FULL PAGE 5 GROUNDWATER NOT ENCOUNTERED BACKFILLED.
TEST PIT DISCONTINUED @ 4.90 m



147645033

LOCATION: Allawuna Farm

JOB NO:

REPORT OF TEST PIT PHOTOGRAPHS: TP85

COORDS: 462664 m E 6469559 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15

PIT DEPTH: 4.90 m

BUCKET TYPE: 900 mm toothed





SITA Australia

CLIENT:

REPORT OF TEST PIT: TP86

COORDS: 462790 m E 6469647 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOCATION: Allawuna Farm PIT DEPTH: 6.00 m LOGGED: AW DATE: 18/11/14 DATE: 19/2/15 JOB NO: 147645033 CHECKED: RE BUCKET TYPE: 900 mm toothed

METHOD EXCAVATION RESISTANCE WATER	DEPTI RL 0.30 0.90 1 - 1.10	BDS 0.40-0.80 m Rec = 400/400 mm 2 bags	RECOVERED O O O O O O O O O O O O O O O O O O O	GC	Field Material Description SOIL/ROCK MATERIAL DESCRIPTION TOPSOIL Clayey GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, pale orange to pale brown, with low plasticity fines, with some roots and rootlets.	MOISTURE		STRUCTURE AND ADDITIONAL OBSERVATIONS Density inferred from observations	
	0.30	BDS 0.40-0.80 m Rec = 400/400 mm 2 bags		GC	TOPSOIL Clayey GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, pale orange to pale brown, with low plasticity fines, with	MOISTURE	CONSISTENCY		<u></u>
L	0.30	BDS 0.40-0.80 m Rec = 400/400 mm 2 bags		GC	Clayey GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, pale orange to pale brown, with low plasticity fines, with			Density inferred from observations	T .
L	1—		1 0000	5]		D - N	L		
	-	BDS 1.30-1.80 m Rec = 500/500 mm 2 bags		,	Durricrust medium to coarse cemented gravels, with clay matrix, orange with red stains Clayey SAND fine to medium grained, orange, with red-brown (oxidised) cemented pea gravel, medium plasticity fines, with some roots and rootlets.		VD D		-
M EX	2 2.00 	BDS 4.00-4.50 m Rec = 500/500 mm 2 bags			Sandy Silty CLAY to Silty Clayey SAND fine to coarse grained sand, white with red staining, medium plasticity fines, with some roots and rootlets. Zones of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite). TARGET DEPTH ACHIEVED.	M-M	St - VSt		
	-				GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 6.00 m				



COORDS: 462790 m E 6469647 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

 PIT DEPTH: 6.00 m
 LOGGED: AW
 DATE: 18/11/14

 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

CLIENT: SITA Australia
PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm
JOB NO: 147645033

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SITA Australia

CLIENT:

REPORT OF TEST PIT: TP87

SHEET: 1 OF 1

COORDS: 462932 m E 6469645 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: AW

LOCATION: Allawuna Farm PIT DEPTH: 4.20 m DATE: 19/11/14 JOB NO: 147645033 DATE: 19/2/15 BUCKET TYPE: 900 mm toothed CHECKED: RF

30	B NC). 	14764	5033				BU	CKET TYPE: 900 mm toothed		CHEC	CKED: RF DATE: 19/2/15	_
		Exca	vation		Sampling				Field Material Desc	<u> </u>			_
МЕТНОВ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
			0.0 - -	0.20			7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7		TOPSOIL			Density inferred from observations	
	L		- 0.5 — -						Clayey GRAVEL fine to coarse grained gravel (laterite), rounded to sub-rounded particles, orange to pale brown, with low plasticity fines, with some roots and rootlets.	D	L		-
			1.0 —	0.90				SC	Clayey SAND fine to coarse grained, orange, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines, with some angular quartz (medium to coarse).				-
			1.5 —		BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag					D - N	1 D		-
Ä			2.0 —	2.40				SC /	Silty Clayey SAND to Sandy Silty CLAY white with orange and red (mottled), medium plasticity fines. Fine				-
	M		3.0 —						to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite).				-
			3.5 —		BDS 3.50-3.80 m Rec = 300/300 mm 3/4 Bag					М	St - VSt		-
			4.0 —	4.20				-					-
			- 4.5 — -						TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m				
			5.0										



COORDS: 462932 m E 6469645 m N MGA94 50

PIT DEPTH: 4.20 m

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

DATE: 19/11/14 LOGGED: AW

DATE: 19/2/15

PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm

JOB NO:

GAP 8_08.06 LIB.GLB Grictbi GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawningFile>> 27,022015 16:46 8.30.004 Datgel Tools





SITA Australia

CLIENT:

REPORT OF TEST PIT: TP88

SHEET: 1 OF 1

COORDS: 463017 m E 6469535 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOCATION: Allawuna Farm PIT DEPTH: 4.20 m LOGGED: AW DATE: 19/11/14 JOB NO: 147645033 BUCKET TYPE: 900 mm toothed CHECKED: RF DATE: 19/2/15

		Even	vation		Compling				Field Material Dage	rintic		
			vation		Sampling SAMPLE OR	RED	0	SYMBOL	Field Material Desc	•		STRUCTURE AND
	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SY	SOIL/ROCK MATERIAL DESCRIPTION	MOISTUR	CONSISTENCY DENSITY	ADDITIONAL OBSERVATIONS
	L		0.0 - - - - 0.5	0.20			000000000000000000000000000000000000000		TOPSOIL Clayey GRAVEL fine to coarse grained gravel (laterite), rounded to sub-rounded particles, orange to pale brown, with low plasticity fines, with some roots and rootlets.	D	L	Density inferred from observations
			- - 1.0 — - -	0.90			0000	SC	Clayey SAND fine to coarse grained, yellow to orange, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines, pockets of angular to subangular quartz particles.			
			- 1.5 — - - -		BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag						D	
S	М		2.0 —	2.40				SC / CI	Silty Clayey SAND to Sandy Silty CLAY white with orange and red, medium plasticity fines. Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered	М		
			3.0 — - - - -		BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag				granite). Pockets of predominantly clay, with some talcy texture (smooth clay- stiff and friable).		St - VSt	
			3.5 —									
			- 4.5 — -	4.20			• •		TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m			
			5.0		This report of test pit echnical purposes or	mus	t be re	ad in	conjunction with accompanying notes and abbreviations. It	has	been	prepared for



COORDS: 463017 m E 6469535 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

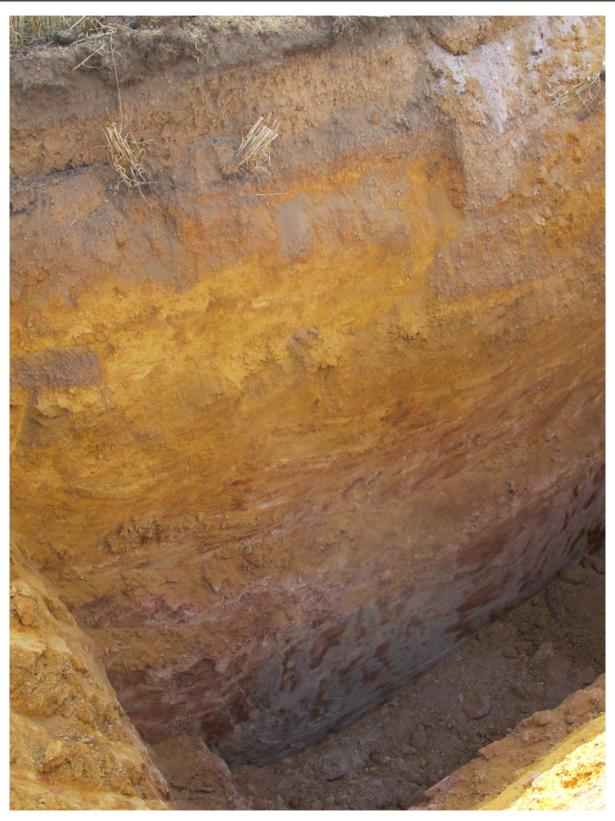
CONTRACTOR:

SHEET: 1 OF 1

 PIT DEPTH: 4.20 m
 LOGGED: AW
 DATE: 19/11/14

 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm
JOB NO: 147645033



GAP 8_08.06 LIB.GLB Grictib GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14, GPJ <<DrawningFile>> 27,022015 16:47 8.30.004 Datgel Tools



SITA Australia

CLIENT:

REPORT OF TEST PIT: TP89

SHEET: 1 OF 1

COORDS: 462920 m E 6469466 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOCATION: Allawuna Farm PIT DEPTH: 2.60 m LOGGED: AW DATE: 18/11/14 BLICKET TYPE: 900 mm toothed CHECKED: RE DATE: 19/2/15

D L O.5 — BDS 0.50-0.80 m Rec = 300/300 mm 3/4 bag O.90 1.0 — O.90 Incomplete the control of	SAMPLE OR FIELD TEST O.5 BDS 0.50-0.80 m Rec = 300/300 mm 3/4 bag 0.90 1.0 1.0 SAMPLE OR FIELD TEST O B W S SOIL/ROCK MATERIAL DESCRIPTION SOIL/ROCK MATERIAL DESCRIPTION D C S STRUCTURE AND ADDITIONAL OBSERVATIONS STRUCTURE AND ADDITIONAL OBSERVATIONS TOPSOIL O C S S S S S S S S S S S S S S S S S S	SAMPLE OR FIELD TEST OF SOULTROCK MATERIAL DESCRIPTION BY STRUCTURE AND ADDITIONAL OBSERVATIONS SOULTROCK MATERIAL DESCRIPTION BY STRUCTURE AND ADDITIONAL OBSERVATIONS TOPSOIL 1.5 — BDS 0.50.9 80 m Res = 300/300 mm Res = 300/300 mm Res = 300/300 mm BDS 1.70.2.00 m Res = 300/300 mm	Evenyat	47645033			BU	CKET TYPE: 900 mm toothed		CHEC	CKED: RF DATE: 19/2/15
Double Company of the control of the	D L SC Clayer SAND fine to residunt grained, crange and dark yellow, weakly to moderately fines to reclaim plasticity fines to reclaim plasticity fines to reclaim plasticity fines to reclaim grained gravel. The fine to reclaim grained gravel fine to reclaim grained gravel. The fine to reclaim grained gravel fine to reclaim grained gravel. The fine to reclaim grained gravel fine to reclaim grained gravel. The fine to reclaim grained gravel fines are considered with plasticity fines. SC Clayer SAND fine to reclaim grained gravel embedded. SC Clayer SAND fine to reclaim grained gravel embedded. SC Clayer SAND fine to reclaim grained gravel embedded. SC Clayer SAND fine to reclaim grained gravel embedded. SC Clayer SAND fine to reclaim grained gravel embedded. SC Clayer SAND fine to reclaim grained gravel embedded. SC Clayer SAND fine to reclaim grained gravel embedded. SC Clayer SAND fine to reclaim grained gravel embedded. SC Clayer SAND fine to reclaim grained gravel embedded. SC Clayer SAND fine to reclaim grained gravel fine to reclaim grained gravel. The fine to reclaim gravel. The fine to reclai	1.0		tion	Sampling		٦		-		
TOPSOIL 1.0	TOPSOL 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	TOPSOIL 1.0			FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBO	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENC DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
1.0— SC Clayey SAND fine to medium grained, orange and dark yellow, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines thoughout.	SC Clayey SAND fine to medium grained, orange and dark yellow, weakly to moderately iron cemented with pisolitic gravel embedded. 1.5 — L BDS 1.70-2.00 m Rec = 300/300 mm M M	1.0— 1.5— BDS 1.70-2.00 m Rec = 300/300 mm 3/4 bag BDS 2.30-2.60 m Rec = 500/300 mm 3/4 bag BDS 2.30-2.60 m Rec = 500/300 mm 3/4 bag BDS 2.30-2.60 m Rec = 500/300 mm 3/4 bag BDS 2.30-2.60 m Rec = 300/300 mm 3/4 bag BDS 2.30-2.60 m Rec = 500/300 mm 3/4 bag BDS 2.30-2.60 m Re	L	0.20	Rec = 300/300 mm			Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles,	D	L	
	L	BDS 1.70-2.00 m Rec = 300/300 mm 3/4 bag 2.0 BDS 2.30-2.60 m Rec = 300/300 mm 3/4 bag SC/ White with orange and red, medium plasticity fines. Fine to coarse grained sand, zones of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite) St					SC	fine to medium grained, orange and dark yellow, weakly to moderately iron cemented with pisolitic gravel embedded.			



GAP 8_08.06 LIB.GLB Grictbi GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawningFile>> 27.022015 16:47 8.30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP89

COORDS: 462920 m E 6469466 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

 PIT DEPTH: 2.60 m
 LOGGED: AW
 DATE: 18/11/14

 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm PIT DEP
JOB NO: 147645033 BUCKET





LOCATION: Allawuna Farm

SITA Australia

CLIENT:

REPORT OF TEST PIT: TP90

COORDS: 462778 m E 6469528 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

PIT DEPTH: 5.60 m LOGGED: AW DATE: 18/11/14 DATE: 19/2/15 CHECKED: RE BUCKET TYPE: 900 mm toothed

	ZШ							30L			ζ	
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			-0-	0.20			12: 31. 12: 31.		TOPSOIL			Density inferred from observations
			- - -	0.20	BDS 0.70-1.00 m Rec = 300/300 mm 3/4 Bag			SP/ GM	SAND and GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, orange to pale brown (laterite).	D	L	
	L		1	1.00				SC	Silty Clayey SAND fine to medium grained, orange, some weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines, roots (up to 1cm) and rootlets throughout.			
			2— -		BDS 2.00-2.30 m Rec = 300/300 mm 3/4 Bag						D	
Ϋ́ L			3— - -	2.60				SC / CI	Silty Clayey SAND to Sandy Silty CLAY white with orange and red, medium plasticity fines, with roots and rootlets. Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite)	М		
	М		- 4— - -		BDS 4.50-4.80 m Rec = 300/300 mm 3/4 Bag						St - VSt	
			5 — -	F.60								
			_	5.60			-1.		TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 5.60 m			



COORDS: 462778 m E 6469528 m N MGA94 50

PIT DEPTH: 5.60 m

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1 MACHINE: 25t Excavator CONTRACTOR:

DATE: 19/2/15 BUCKET TYPE: 900 mm toothed

CHECKED: RF

DATE: 18/11/14 LOGGED: AW

CLIENT: PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm

GAP 8_08.06 LIB.GLB Grictib GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14, GPJ <<DrawningFile>> 27,022015 16:47 8.30.004 Datgel Tools

JOB NO: 147645033





CLIENT:

REPORT OF TEST PIT: TP91

COORDS: 462649 m E 6469452 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOCATION: Allawuna Farm PIT DEPTH: 4.20 m LOGGED: AW DATE: 18/11/14 147645033 JOB NO: BUCKET TYPE: 900 mm toothed CHECKED: RF DATE: 19/2/15

	ı	Exca	/ation		Sampling	T		,	Field Material Desc	•			
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
			0.0 - -	0.30			71. 77 71. 77		TOPSOIL				
			0.5	0.60	BDS 0.30-0.60 m Rec = 300/300 mm 3/4 bag			GC	Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.	D	L - MD		
			-	0.00	BDS 0.60-0.90 m Rec = 300/300 mm 3/4 bag			SC	Sity Clayey SAND fine to coarse grained, orange and white, weakly to moderately iron cemented with pisolitic gravel embedded.				
	L		1.0	1.00				SC / CI	Silty Clayey SAND to Sandy Silty CLAY fine to coarse grained, orange and white, medium plasticity fines, weakly to moderately iron cemented with pisolitic gravel				
			1.5 —						embedded, with some roots and rootlets		St		
			-	1.80	BDS 1.50-1.80 m Rec = 300/300 mm 3/4 bag								
EX			2.0 —					SC / CI	Silty Clayey SAND to Sandy Silty CLAY white with orange and red, imedium plasticity fines, with roots and rootlets (up to 1cm thick). Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite)				
			2.5 —						м				
	М		3.0						St-				
			- - -		BDS 3.00-3.30 m Rec = 300/300 mm 3/4 bag						VSt		
			3.5 —										
	Н		4.0										
				4.20					TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED. BACKFILLED.				
			4.5						TEST PIT DISCONTINUED @ 4.20 m				
			5.0										



COORDS: 462649 m E 6469452 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

 PIT DEPTH: 4.20 m
 LOGGED: AW
 DATE: 18/11/14

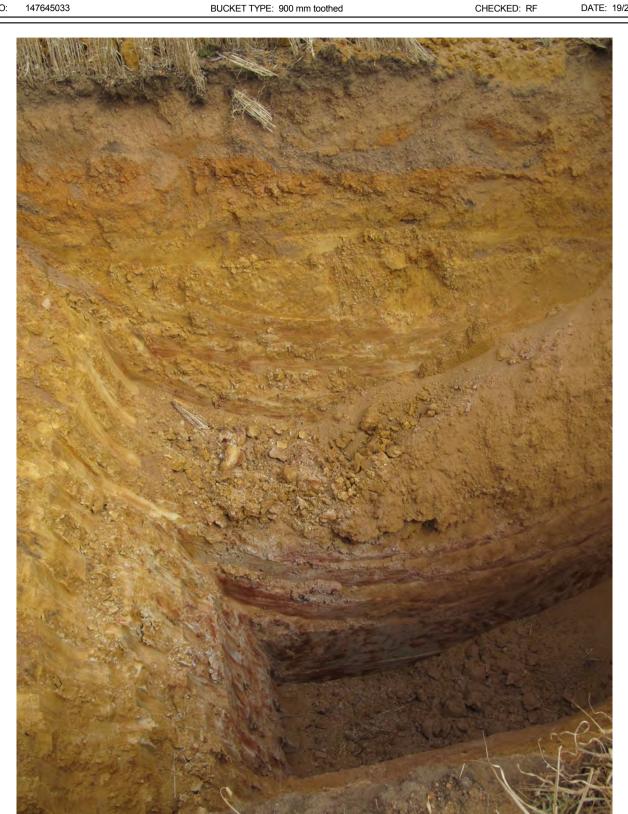
 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

CLIENT: SITA Australia

PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm

JOB NO: 147645033

GAP 8_08.06 LIB.GLB Grictib GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14, GPJ <<DrawningFile>> 27,022015 16:47 8.30.004 Datgel Tools





SITA Australia

REPORT OF TEST PIT: TP92

SHEET: 1 OF 1

COORDS: 462813 m E 6469390 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOCATION: Allawuna Farm PIT DEPTH: 4.40 m LOGGED: AW DATE: 19/11/14 JOB NO: 147645033 DATE: 19/2/15 BUCKET TYPE: 900 mm toothed CHECKED: RF

									CKET TYPE: 900 mm toothed			OKED: RF DATE: 19/2/15	
		Exca	vation		Sampling				Field Material Descri	•			
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
	L		0.0	0.20	BDS 0.20-0.50 m Rec = 300/300 mm 3/4 BAG BDS 1.00-1.30 m Rec = 300/300 mm 3/4 BAG			SC	TOPSOIL Clayey GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, orange pale brown, with low plasticity fines. Clayey SAND fine to medium grained, orange, weakly to moderately iron cemented with pisolitic gravel embedded. With some coarse sand and gravel (angular to subangular). Medium plasticity fines.	D	L	Density inferred from observations	
	M		1.5 — 2.0 — 2.5 — 3.0 — 4.0 — 4.0 —	1.40				SC/CI	Silty Clayey SAND to Sandy Silty CLAY white with orange and red (mottled), progressing from more red to white at depth, medium plasticity fines. Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite)	М	St - VSt		
			4.5 —						TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.40 m				-



147645033

LOCATION: Allawuna Farm

JOB NO:

REPORT OF TEST PIT PHOTOGRAPHS: TP92

COORDS: 462813 m E 6469390 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

DATE: 19/11/14 LOGGED: AW DATE: 19/2/15 BUCKET TYPE: 900 mm toothed CHECKED: RF

PIT DEPTH: 4.40 m





LOCATION: Allawuna Farm

SITA Australia

CLIENT:

REPORT OF TEST PIT: TP93

COORDS: 462674 m E 6469343 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOGGED: AW DATE: 19/11/14

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 4.20 m

JOB NO: 147645033 CHECKED: RF DATE: 19/2/15 Sampling **Field Material Description** MOISTURE CONDITION CONSISTENCY DENSITY **USCS SYMBOL** RECOVERED STRUCTURE AND SAMPLE OR GRAPHIC LOG ADDITIONAL OBSERVATIONS SOIL/ROCK MATERIAL DESCRIPTION WATER DEPTH (metres) FIELD TEST DEPTH RL -0 O Density inferred from observations TOPSOIL 17 . 3 17 0.20 Clayey GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, orange to pale brown, with low plasticity fines, with some roots and rootlets. D L BDS 0.30-0.60 m Rec = 300/300 mm 3/4 Bag 0 0.5 0.60 Clayey SAND fine to medium grained, yellow to orange, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity 1.0 1.5 D Log GAP NON-CORED FULL PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawingFile>> 27/02/2015 16:47 8.30.004 Datgel Tools BDS 1.70-2.00 m Rec = 300/300 mm 3/4 Bag 2.0 Ξ М 2.50 2.5 SC CI Silty Clayey SAND to Sandy Silty CLAY white with orange and red (mottled), imedium plasticity fines, with roots and rootlets (up to 1 cm thick). Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz -from weathered granite). Pockets of predominantly clay. 3.0 BDS 3.00-3.30 m Rec = 300/300 mm 3/4 bag М 3.5 4.0 4.20 TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED TEST PIT DISCONTINUED @ 4.20 m 4.5 GAP 8 08.06 LIB.GLB



COORDS: 462674 m E 6469343 m N MGA94 50

BUCKET TYPE: 900 mm toothed

SURFACE RL: DATUM: AHD

CONTRACTOR:

SHEET: 1 OF 1

MACHINE: 25t Excavator

DATE: 19/11/14

DATE: 19/2/15

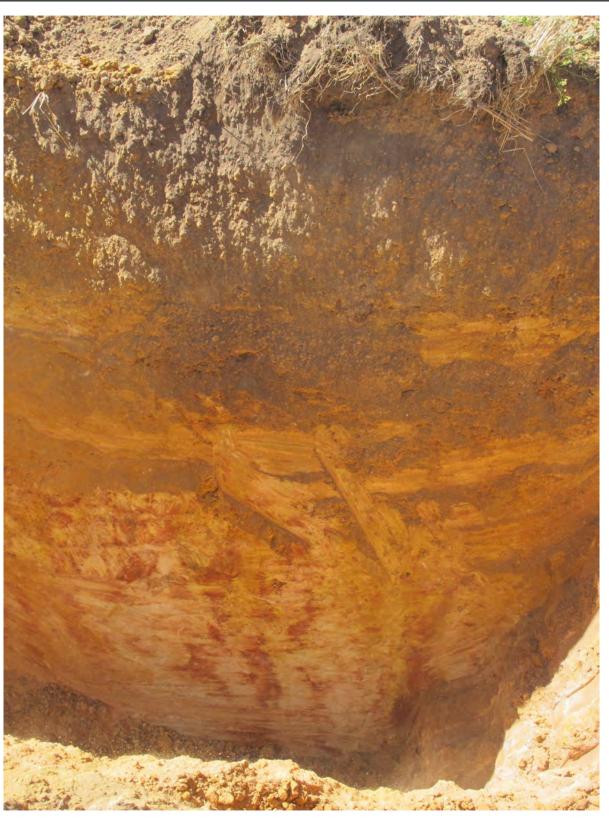
PIT DEPTH: 4.20 m LOGGED: AW

CHECKED: RF

CLIENT: SITA Australia
PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm

GAP 8_08.06 LIB.GLB Grictbi GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawningFile>> 27/02/2015 16:48 8.30.004 Datgel Tools

JOB NO: 147645033





SITA Australia

REPORT OF TEST PIT: TP94

SHEET: 1 OF 1

COORDS: 462514 m E 6469262 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOCATION: Allawuna Farm PIT DEPTH: 4.20 m LOGGED: AW DATE: 19/11/14 JOB NO: 147645033 DATE: 19/2/15 BUCKET TYPE: 900 mm toothed CHECKED: RF

Ĕ	OB NO	<u>. </u>	14764	5033				BU	CKET TYPE: 900 mm toothed		CHEC	OKED: RF DATE: 19/2/15	
		Exca	ation/		Sampling				Field Material Desc				
МЕТНОБ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
			0.5 —	0.20	BDS 1.00-1.30 m Rec = 300/300 mm 3/4 Bag		<u>V. 3.0</u>		TOPSOIL SAND fine to medium, pale yellow to grey, poorly graded, angluar to subrounded, loose.		L	Density inferred from observations	
Ä	X L		2.0 —	1.80			SP	SAND fine to medium, orange, poorly graded, angular to subrounded, loose, with trace of silt and clay,		L-		-	
			3.5 —	BBS 3.00/300 Rec = 300/300 3/4 Bag	BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag					MD			
		-	4.5 —	4.20					TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m				-



LOCATION: Allawuna Farm

JOB NO:

CLIENT: SITA Australia
PROJECT: Allawuna Farm Landfill

147645033

REPORT OF TEST PIT PHOTOGRAPHS: TP94

COORDS: 462514 m E 6469262 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1
MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

PIT DEPTH: 4.20 m

BUCKET TYPE: 900 mm toothed





CLIENT:

REPORT OF TEST PIT: TP95

COORDS: 462376 m E 6469194 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

LOCATION: Allawuna Farm PIT DEPTH: 4.20 m LOGGED: AW DATE: 19/11/14 147645033 JOB NO: BUCKET TYPE: 900 mm toothed CHECKED: RF DATE: 19/2/15

-													_
	 	Exca	vation		Sampling	1			Field Material Descr	•			
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
		0.5	0.20	BDS 0.50-0.80 m Rec = 300/300 mm 3/4 Bag		000000000000000000000000000000000000000		TOPSOIL Clayey GRAVEL fine to coarse grained gravel, some larger cobbles (laterite), rounded to sub-rounded particles, orange to pale brown, with low plasticity fines, with some roots and rootlets.	D	L	Density inferred from observations		
	L		1.0	1.00				SC	Clayey SAND fine to coarse grained, yellow to orange, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines.				
Ä			2.0 —		BDS 2.00-2.30 m Rec = 300/300 mm 3/4 Bag					М	D		
			3.0 —	2.80				SC / CI	Silty Clayey SAND to Sandy Silty CLAY white with orange and red, medium plasticity fines, with roots and rootlets (up to 1 cm thick). Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite). Pockets of predominantly clay.		St -		
	М		3.5	4.20	BDS 3.50-3.80 m Rec = 300/300 mm 3/4 Bag				TARGET DEPTH ACHIEVED		VSt		-
			- 4.5 — - - -						GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m				



147645033

LOCATION: Allawuna Farm

JOB NO:

GAP 8.08.06 LIB.GLB GricTbl GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <-DrawingFile>> 27.022015 16:48 8.30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP95

COORDS: 462376 m E 6469194 m N MGA94 50

BUCKET TYPE: 900 mm toothed

SURFACE RL: DATUM: AHD

CONTRACTOR:

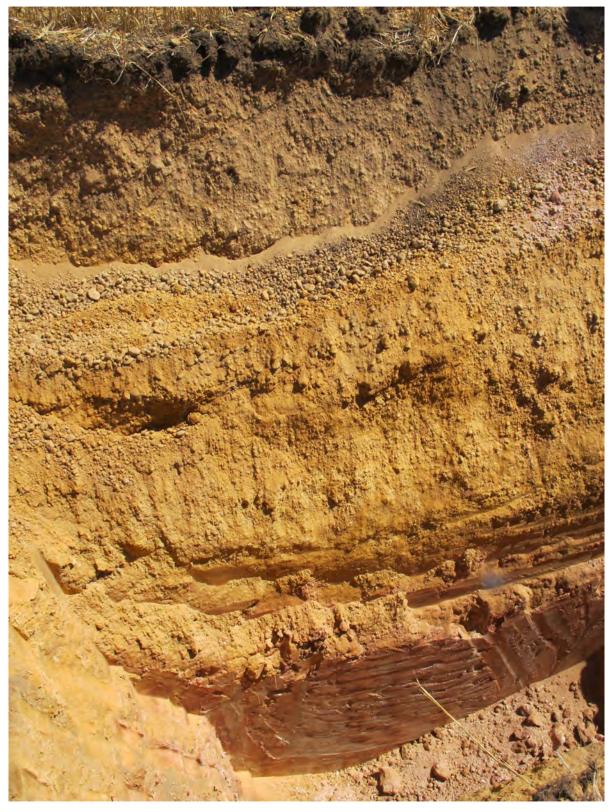
SHEET: 1 OF 1

MACHINE: 25t Excavator

PIT DEPTH: 4.20 m

LOGGED: AW DATE: 19/11/14

CHECKED: RF DATE: 19/2/15





JOB NO: 147645033

CLIENT:

REPORT OF TEST PIT: TP96

SHEET: 1 OF 1

COORDS: 462261 m E 6469071 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: AW DATE: 21/11/14

LOCATION: Allawuna Farm PIT DEPTH: 2.20 m

BUCKET TYPE: 900 mm toothed CHECKED: RF DATE: 19/2/15

		5033				CKET TYPE: 900 mm toothed		OFILE	CKED: RF DATE: 19/2/15
	avation		Sampling			Field Material Desc			
METHOD EXCAVATION RESISTANCE WATER		DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	LOG USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	STRUCTURE AND ADDITIONAL OBSERVATIONS
L	0.5	0.15			SCGC OF SCGC	TOPSOIL Clayey SAND and GRAVEL fine to medium, dark grey grading to light grey with depth, predominantly gravel (laterite), rounded to sub-rounded particles, orange to pale brown. Low plasticity fines, with some roots and rootlets.	D	L	Density inferred from observations
ă	1.0 —	1.10	BDS 0.80-1.10 m Rec = 300/300 mm 3/4 Bag		SC 	Clayey SAND fine to coarse grained, orange to yellow, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines. Silty Clayey SAND to Sandy Silty CLAY white/grey with red/pink (mottled), medium plasticity fines. Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite). Pockets of predominantly clay.	D - N	/I D	
м-н	1.5 —		BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag		0 0 0 0 0 0 0 0 0 0		М	St - VSt	
R	2.0	2.20		1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	REFUSAL @ 2.2m GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.20 m			
	2.5 —								



147645033

LOCATION: Allawuna Farm

JOB NO:

REPORT OF TEST PIT PHOTOGRAPHS: TP96

COORDS: 462261 m E 6469071 m N MGA94 50

SURFACE RL: DATUM: AHD

MACHINE: 25t Excavator CONTRACTOR:

SHEET: 1 OF 1

PIT DEPTH: 2.20 m

LOGGED: AW DATE: 21/11/14
CHECKED: RF DATE: 19/2/15

BUCKET TYPE: 900 mm toothed





JOB NO: 147645033

CLIENT:

REPORT OF TEST PIT: TP97

SHEET: 1 OF 1

COORDS: 462348 m E 6468950 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

LOGGED: AW DATE: 21/11/14

LOCATION: Allawuna Farm PIT DEPTH: 4.30 m

BUCKET TYPE: 900 mm toothed CHECKED: RF DATE: 19/2/15

001	3 IVC	<i>-</i> .	14764						CKET TYPE: 900 mm tootned			JKED: RF DATE. 19/2/15
	E	Exca	ation/		Sampling				Field Material Desc	<u> </u>		
МЕТНОБ	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
			-0.0 -	0.15			17. 17. 17. 17. 17. 17. 17. 17. 17. 17.	-	TOPSOIL			Density inferred from observations
	L		0.5	0.15				SC / GC	Clayey SAND and GRAVEL fine to medium, dark grey grading to light grey with depth, predominantly gravel (laterite), rounded to sub-rounded particles, orange to pale brown. Low plasticity fines, with some roots and rootlets.	D	L	
Ī			-					SC	Clayey SAND fine to coarse grained, orange to red, weakly to moderately iron			
			1.0 —	1 20	BDS 0.80-1.10 m Rec = 300/300 mm 3/4 Bag				cemented with pisolitic gravel embedded. Medium plasticity fines.	D - M	l D	
			1.5—	1.30				SC /	Silty Clayey SAND to Sandy Silty CLAY white/grey with red/pink (mottled), medium plasticity fines. Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite). Pockets of predominantly clay.			
			2.0—									
	М		2.5 — - -							М	St - VSt	
			3.0 —		BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag							
			3.5 —									
			4.0 —	4.30								
			4.5 — -						TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.30 m			
			5.0						conjunction with accompanying notes and abbreviations. It			



REPORT OF TEST PIT PHOTOGRAPHS: TP97

COORDS: 462348 m E 6468950 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

DATE: 21/11/14 PIT DEPTH: 4.30 m LOGGED: AW DATE: 19/2/15 BUCKET TYPE: 900 mm toothed

CHECKED: RF

CLIENT: PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm

JOB NO: 147645033

GAP 8_08.06 LIB.GLB Grictbi GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawningFile>> 27,022015 16:48 8.30.004 Datgel Tools





SITA Australia

CLIENT:

REPORT OF TEST PIT: TP98

SHEET: 1 OF 1

COORDS: 462482 m E 6469051 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

CONTRACTOR:

 LOCATION: Allawuna Farm
 PIT DEPTH: 4.10 m
 LOGGED: AW
 DATE: 19/11/14

 JOB NO:
 147645033
 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

100)B NO	J.	14764	5033				BU	CKET TYPE: 900 mm toothed		CHEC	OKED: RF DATE: 19/2/15	_
	ı	Exca	vation		Sampling				Field Material Desc				
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
			0.0 -	0.20			7. 7.7 7. 7.7		TOPSOIL			Density inferred from observations	
			0.5 —	0.20	BDS 0.60-0.90 m Rec = 300/300 mm		000000000000000000000000000000000000000	,	Clayey GRAVEL and SAND fine to medium sand grading to fine to coarse grained gravel at depth, rounded to sub-rounded particles, orange to pale brown, with low plasticity fines, with some roots and rootlets.	D	L		-
	L		1.0 —	0.90	3/4 Bag			180	Clayey SAND fine to coarse grained, yellow to orange, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines.				-
			- 1.5 —		BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag					D - N	/ D		-
EX		_	2.0 —	2.00				SC /	Silty Clayey SAND to Sandy Silty CLAY white with orange and red (mottled), grading to mostly white at base, medium plasticity fines, with roots and rootlets . Fine to				-
			2.5 —						coarse grained sand, 'pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite). Pockets of predominantly clay.				
	М		3.0 —		BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag			-		М	St - VSt		-
			3.5 —					-					-
			4.0 —	4.10				-	TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED.				<u>-</u>
			- 4.5 —						BACKFILLED. TEST PIT DISCONTINUED @ 4.10 m				
			5.0										



REPORT OF TEST PIT PHOTOGRAPHS: TP98

COORDS: 462482 m E 6469051 m N MGA94 50

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1 MACHINE: 25t Excavator

CONTRACTOR:

DATE: 19/11/14 LOGGED: AW

CHECKED: RF

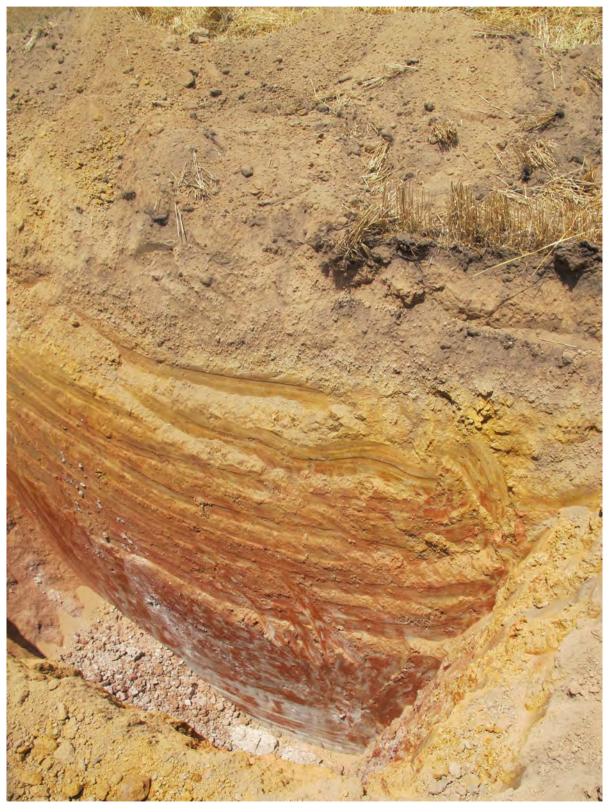
DATE: 19/2/15

PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm JOB NO: 147645033

GAP 8_08.06 LIB.GLB Grictbi GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawningFile>> 27.022015 16:49 8.30.004 Datgel Tools

BUCKET TYPE: 900 mm toothed

PIT DEPTH: 4.10 m





CLIENT:

REPORT OF TEST PIT: TP99

COORDS: 462610 m E 6469196 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

PIT DEPTH: 4.90 m LOGGED: AW DATE: 19/11/14

LOCATION: Allawuna Farm 147645033 JOB NO: BUCKET TYPE: 900 mm toothed CHECKED: RF DATE: 19/2/15

Fxca	vation		Sampling				Field Material Desc	rintic	nn -		=
METHOD EXCAVATION RESISTANCE WATER	DEPTH (metres)	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL		•	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS	
L	0.5—	0.20	BDS 1.00-1.30 m Rec = 300/300 mm 3/4 Bag		<u>V. V. V</u>	SW	SAND fine to medium, pale yellow to grey, moderately to well graded, subangluar to rounded, loose.	D	L	Density inferred from observations	
M	2.5 —	2.10	BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag			SC	Clayey SAND fine to medium, orange, moderately to well graded, subangluar to rounded, loose, minor pea gravels, with some silt and clay, low plasticity fines.	М	D		
	4.5	4.50	BDS 4.60-4.90 m Rec = 300/300 mm 3/4 Bag			SC /	Silty Clayey SAND to Sandy Silty CLAY white with orange and red, medium plasticity fines, with roots and rootlets (up to 1cm thick). Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite). Pockets of predominantly clay. TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.90 m	M - W	St - VSt		



REPORT OF TEST PIT PHOTOGRAPHS: TP99

COORDS: 462610 m E 6469196 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

SHEET: 1 OF 1

 PIT DEPTH: 4.90 m
 LOGGED: AW
 DATE: 19/11/14

 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

CLIENT: SITA Australia

PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm

JOB NO: 147645033

GAP 8_08.06 LIB.GLB Grictib GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawningFile>> 27,022015 16:49 8.30.004 Datgel Tools





SITA Australia

CLIENT:

REPORT OF TEST PIT: TP100

SHEET: 1 OF 1

COORDS: 462879 m E 6469339 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

 LOCATION: Allawuna Farm
 PIT DEPTH: 2.50 m
 LOGGED: AW
 DATE: 19/11/14

 JOB NO: 147645033
 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

Density inferred from observations TOPSOIL 1.0 BDS 1.00-1.30 m Rec = 300,000 mm 3/4 Bag 1.5 BDS 1.80-2.10 m BDS 1.80-2.	SAMPLE OR FIELD TEST SO SULTROCK MATERIAL DESCRIPTION SO STRUCTURE AND ADDITIONAL OBSERVATIONS SAMPLE OR FIELD TEST SO SULTROCK MATERIAL DESCRIPTION SO SULTROCK MATERIAL DESCRIPTION SO SULTROCK MATERIAL DESCRIPTION SUBJECT SO SULTROCK MATERIAL DESCRIPTION SUBJECT SUBJECT SO SULTROCK MATERIAL DESCRIPTION SUBJECT SUBJ	JOB NO.	14764	5033				БО	CKET TYPE: 900 mm tootned		OHE	JKED: RF DATE. 19/2/15
Density inferred from observations Comparison Compar	Density inferred from observations 1.0	Exca	vation	ı	Sampling				Field Material Desc	<u> </u>		Γ
Density interred from doservations Compared Compar	Top-Soil L Design memore aroun deservations Design memore around the production Design me	METHOD EXCAVATION RESISTANCE WATER		<i>DEPTH</i> RL	FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	STRUCTURE AND ADDITIONAL OBSERVATIONS
M-H 1.5 BDS 1.80-2.10 m SC / Sitty Clayey SAND to Sandy Sitty CLAY white with orange and red mottled, medium plasticity fines. Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite). Pockets of predominantly clay.	M-H 1.5 — BDS 1.80-2.10 m Rec = 300/3000 mm 3/4 Bag 2.0 — 2.5 — 2.50 REFUSAL @ 2.5m		-0.0 0.5 	0.20	Rec = 300/300 mm		1/2 × 1/2 ×	GC	Clayey GRAVEL. fine to coarse grained gravel (laterite), rounded to sub-rounded particles, orange to pale brown, with low plasticity fines, with some roots and rootlets. Clayey SAND fine to coarse grained, orange, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines.	D	L	
	2.0— 3/4 Bag 2.0— 3/4 Bag N St- VSt REFUSAL @ 2.5m		1.5 —	1.30				- CI	white with orange and red mottled, medium plasticity fines. Fine to coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered			



GAP 8.08.06 LIB.GLB GricTbl GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <- CDrawingFile>> 05/03/2015 13:33 8.30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP100

COORDS: 462879 m E 6469339 m N MGA94 50

PIT DEPTH: 2.50 m

BUCKET TYPE: 900 mm toothed

SURFACE RL: DATUM: AHD

SHEET: 1 OF 1 MACHINE: 25t Excavator CONTRACTOR:

LOGGED: AW

DATE: 19/11/14

CHECKED: RF

DATE: 19/2/15







CLIENT:

REPORT OF TEST PIT: TP101

SHEET: 1 OF 1

COORDS: 463107 m E 6469414 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

PROJECT: Allawuna Farm Landfill LOCATION: Allawuna Farm

PIT DEPTH: 4.20 m LOGGED: AW

DATE: 20/11/14 JOB NO: 147645033 BUCKET TYPE: 900 mm toothed CHECKED: RF DATE: 19/2/15

JOB NO:	147645					DO.	CKET TYPE: 900 mm toothed		JIILO	CKED: RF DATE: 19/2/15
	vation		Sampling			ب	Field Material Desc	<u> </u>		
METHOD EXCAVATION RESISTANCE WATER	으트	<i>DEPTH</i> RL	SAMPLE OR FIELD TEST	RECOVERED	LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY DENSITY	STRUCTURE AND ADDITIONAL OBSERVATIONS
L	0.5 —	0.20	BDS 0.80-1.30 m Rec = 500/500 mm 2 Bags		19 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -		TOPSOIL Clayey SAND and GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.	M	L	Density inferred from observations
X	2.0—	1.80	BDS 2.20-2.70 m Rec = 500/500 mm 2 Bags			SC	Silty Clayey SAND fine to medium grained, orange and white, weakly to moderately iron cemented with pisolitic gravel embedded, medium plasticity fines.		D	
W-H	3.5—	3.20	BDS 3.30-3.80 m Rec = 500/500 mm 2 Bags	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		SC / CI	Silty Clayey SAND to Sandy Silty CLAY Fine to coarse grained sand, white with orange and red clay, medium plasticity fines. Pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite)	M-W	St - VSt	
X Water seepage inflow	4.5—	4.20		.:-1			REFUSAL AT 4.2m GROUNDWATER ENCOUNTERED @ 3.6m - minor seepage inflows. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m			



147645033

JOB NO:

GAP 8_08.06 LIB.GLB Grictbi GAP TEST PIT PHOTO 1 PER PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawningFile>> 05/03/2015 13:33 8.30.004 Datgel Tools

REPORT OF TEST PIT PHOTOGRAPHS: TP101

COORDS: 463107 m E 6469414 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

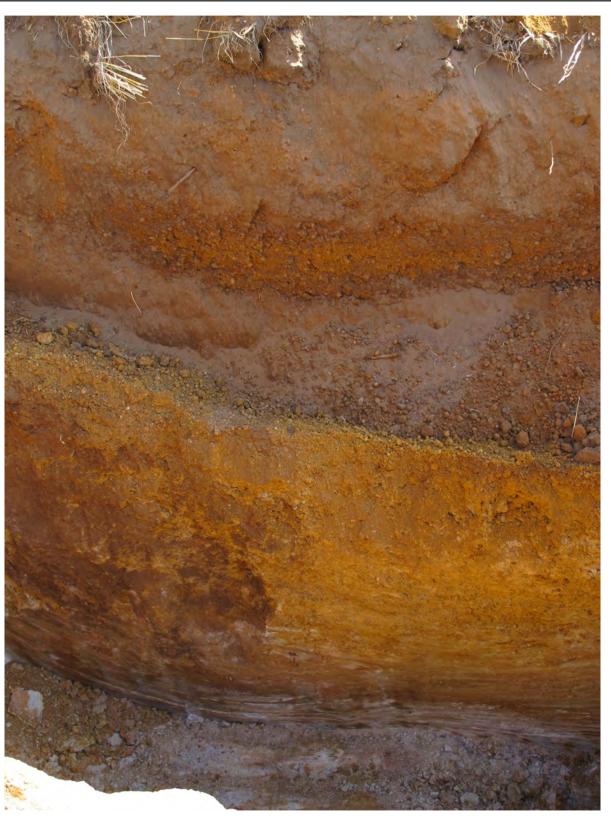
CONTRACTOR:

SHEET: 1 OF 1

 PIT DEPTH: 4.20 m
 LOGGED: AW
 DATE: 20/11/14

 BUCKET TYPE: 900 mm toothed
 CHECKED: RF
 DATE: 19/2/15

PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm PIT DEPTH: 4.20 m





SITA Australia

CLIENT:

REPORT OF TEST PIT: TP102

SHEET: 1 OF 1

COORDS: 463096 m E 6469307 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

 LOCATION:
 Allawuna Farm
 PIT DEPTH:
 2.80 m
 LOGGED:
 AW
 DATE:
 20/11/14

 JOB NO:
 147645033
 BUCKET TYPE:
 900 mm toothed
 CHECKED:
 RF
 DATE:
 19/2/15

Second S	JB NO.	14704	0000					CKET TYPE: 900 mm tootned		CHEC	
Density inferred from observations Comparison Compar	Exca	vation		Sampling	_			Field Material Desc	<u> </u>		I
TOPSCIL 1.5 - 2.5	EXCAVATION RESISTANCE WATER		<i>DEPTH</i> RL	FIELD TEST	RECOVERED	GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE	CONSISTENCY	STRUCTURE AND ADDITIONAL OBSERVATIONS
BDS 0.90-140 m Rec = 500/500 mm 2 Bags 1.40 1.5 BDS 2.00-2.50 m Rec = 500/500 mm 2 Bags M-H BDS 2.00-2.50 m Rec = 500/500 mm 2 Bags M-H Rec = 500/500 mm 2 Bags M-St	L	-	-	Rec = 500/500 mm			GC	Clayey GRAVEL fine to coarse grained gravel, some larger cobbles (laterite), rounded to sub-rounded particles, orange to pale brown, with low plasticity fines, with some roots and rootlets.	D	L	Density inferred from observations
M-H 2.0— BDS 2.00-2.50 m Rec = 500/500 mm 2 Bags 2.5— BDS 2.05-2.50 m Rec = 500/500 mm 2 Bags 2.5— BDS 2.05-2.50 m Rec = 500/500 mm 2 Bags 2.5— BDS 2.05-2.50 m Rec = 500/500 mm 2 Bags A Bags BDS 2.05-2.50 m Rec = 500/500 mm 2 Bags B		1.0 —	-	Rec = 500/500 mm			CI	white to grey, with red mottled zones, some weakly to moderately iron cemented with pisolitic gravel embedded. Silty at the top	М	St	
	м-н	-	1.40	Rec = 500/500 mm			SC/CI	plasticity fines, with roots and rootlets (some up to 1cm). Fine to coarse grained sand, pockets of predominantly sand and gravel			
Refusal @ 2.8m GROUNDWATER ENCOUNTERED @ 2.6m - seppage inflows. BACKFILLED. TEST PIT DISCONTINUED @ 2.80 m	β (flowed like tap for ~ 30 seconds	-	2.80					GROUNDWATER ENCOUNTERED @ 2.6m - seppage inflows. BACKFILLED.			



147645033

LOCATION: Allawuna Farm

JOB NO:

REPORT OF TEST PIT PHOTOGRAPHS: TP102

COORDS: 463096 m E 6469307 m N MGA94 50

SURFACE RL: DATUM: AHD

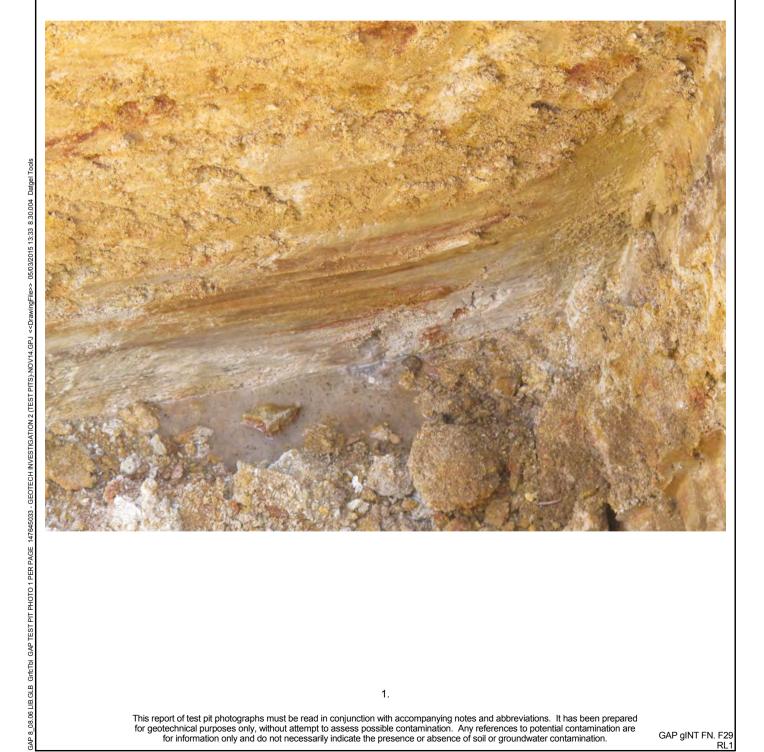
SHEET: 1 OF 1 MACHINE: 25t Excavator

CONTRACTOR:

DATE: 20/11/14 LOGGED: AW DATE: 19/2/15 CHECKED: RF

PIT DEPTH: 2.80 m

BUCKET TYPE: 900 mm toothed





SITA Australia

CLIENT:

GAP 8 08.06 LIB.GLB

REPORT OF TEST PIT: TP103

SHEET: 1 OF 1

COORDS: 462880 m E 6469214 m N MGA94 50

SURFACE RL: DATUM: AHD MACHINE: 25t Excavator

CONTRACTOR:

 LOCATION:
 Allawuna Farm
 PIT DEPTH:
 2.20 m
 LOGGED:
 AW
 DATE:
 19/11/14

 JOB NO:
 147645033
 BUCKET TYPE:
 900 mm toothed
 CHECKED:
 RF
 DATE:
 19/2/15

JOB NO: Excavation Sampling **Field Material Description** MOISTURE CONDITION CONSISTENCY DENSITY **USCS SYMBOL** RECOVERED STRUCTURE AND SAMPLE OR GRAPHIC LOG SOIL/ROCK MATERIAL DESCRIPTION ADDITIONAL OBSERVATIONS WATER DEPTH (metres) FIELD TEST DEPTH RL 0.0 Density inferred from observations TOPSOIL some weathered dolerite cobbles at surface 17:11 D L <u>11. 11.</u> 0.20 CLAY
Green to dark grey CLAY, medium plasticity, with sand and gravel rock fragments, and weathered blocks increasing with depth - weathered Dolerite 0.5 М Log GAP NON-CORED FULL PAGE 147645033 - GEOTECH INVESTIGATION 2 (TEST PITS)-NOV14.GPJ <<DrawingFile>> 05/03/2015 13:33 8.30.004 Datgel Tools 1.0 St Ξ 1.5 BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag W 2.0 St -VSt inflow Н seepage 2.20 REFUSAL @ 2.2m GROUNDWATER ENCOUNTERED @ 1.9m - seepage inflows BACKFILLED. vater BACKFILLED.
Part hole intersects similar profile: 0.2 - 0.9 Clayey SAND, 0.9 - 2.2 Silty Clayey SAND to Sandy Silty Clay
TEST PIT DISCONTINUED @ 2.20 m 2.5 3.0