

REPORT OF TEST PIT PHOTOGRAPHS: TP10

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

COORDS: 462642 m E 6469116 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 25/8/14
CHECKED: DB DATE: 23/9/14



1.



2.

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



REPORT OF TEST PIT: TP11

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

COORDS: 462810 m E 6469077 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description					
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	STRUCTURE AND ADDITIONAL OBSERVATIONS
EX	L-M		0.0					TOPSOIL			Density inferred from observations
			0.30								
			0.5				GC	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 - MD	
			1.40				SC	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with some angular gravel.	M - W	D	
	R		1.80					REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 1.80 m			
			2.0								
			2.5								
			3.0								
			3.5								
			4.0								
			4.5								
			5.0								

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP11

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

COORDS: 462810 m E 6469077 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14



1.



2.

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

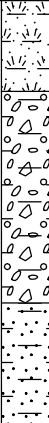


REPORT OF TEST PIT: TP12

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

COORDS: 462889 m E 6469114 m N MGA94 50
 SURFACE RL: DATUM: AHD
 PIT DEPTH: 1.40 m
 BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
 MACHINE: 30t Excavator
 CONTRACTOR:
 LOGGED: RF DATE: 26/8/14
 CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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
EX	L-M		0.0						TOPSOIL	W	L		Density inferred from observations
			0.30					GC	Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.				
			0.5										
			1.0	1.00				SC	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with some angular gravel.				
	R		1.40						REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 1.40 m				
			1.5										
			2.0										
			2.5										
			3.0										
			3.5										
			4.0										
			4.5										
			5.0										

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GAP gINT FN. F01e
 RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP12

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

COORDS: 462889 m E 6469114 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.40 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14



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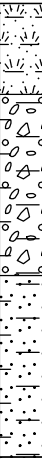


REPORT OF TEST PIT: TP13

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

COORDS: 463095 m E 6469206 m N MGA94 50
 SURFACE RL: DATUM: AHD
 PIT DEPTH: 1.50 m
 BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
 MACHINE: 30t Excavator
 CONTRACTOR:
 LOGGED: RF DATE: 26/8/14
 CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description				
METHOD	EXCAVATION 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
EX	L-M		0.0					TOPSOIL		L	Density inferred from observations
			0.30				GC	Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.			
			0.5								
			0.90				SC	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with some angular gravel.			
	R		1.5	1.50				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								

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REPORT OF TEST PIT PHOTOGRAPHS: TP13

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

COORDS: 463095 m E 6469206 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.50 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14



1.



2.

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

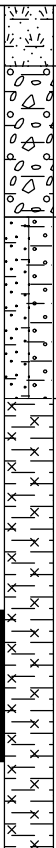


REPORT OF TEST PIT: TP14

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

COORDS: 462532 m E 6468982 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 27/8/14
CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL	M	L	Density inferred from observations		
			0.20	GC			Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.						
			0.70	SC / CI			Clayey SAND to Sandy CLAY fine to coarse grained, orange and white, weakly to moderately iron cemented with pisolitic gravel embedded.						
	M-H	1.30	MH	Clayey SILT high plasticity clay to high plasticity silt, orange and white with red staining, between about 30% to 50% fine to coarse grained sand			D - M	St - VSt					
	M-H		2.0		BDS 2.00-2.50 m Rec = 500/500 mm 3 bags								
	R		2.80						REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.80 m				
			3.0										
			3.5										
			4.0										
			4.5										
			5.0										

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP14

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

COORDS: 462532 m E 6468982 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 27/8/14
CHECKED: DB DATE: 23/9/14



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2.

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REPORT OF TEST PIT: TP15

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

COORDS: 462742 m E 6468960 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL			Density inferred from observations
			0.30								
			0.5				GC	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, pale brown with white and red staining, low to intermediate plasticity fines, with some roots and rootlets.			
			1.0	1.00			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								
			2.0								
			2.5						M - W	St - VSt	
			3.0								
			3.5								
			4.0	4.00				TARGET DEPTH ACHIEVED. GROUNDWATER ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.00 m			
			4.5								
			5.0								

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP15

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

COORDS: 462742 m E 6468960 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF
CHECKED: DB
DATE: 26/8/14
DATE: 23/9/14



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2.

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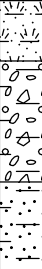


REPORT OF TEST PIT: TP16

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

COORDS: 462599 m E 6468918 m N MGA94 50
 SURFACE RL: DATUM: AHD
 PIT DEPTH: 4.00 m
 BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
 MACHINE: 30t Excavator
 CONTRACTOR:
 LOGGED: RF DATE: 27/8/14
 CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description						
METHOD	EXCAVATION 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		
EX	L		0.0					TOPSOIL	W	L	Density inferred from observations		
			0.20				GC	Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.					
			0.5				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.					
			0.60										
	M-H		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.			M - W	St - VSt		
			1.0										
			1.5										
			2.0										
			2.5										
			3.0										
			3.5										
			4.0	4.00				TARGET DEPTH ACHIEVED. GROUNDWATER ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.00 m					
			4.5										
			5.0										

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REPORT OF TEST PIT PHOTOGRAPHS: TP16

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

COORDS: 462599 m E 6468918 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 27/8/14
CHECKED: DB DATE: 23/9/14



1.



2.

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REPORT OF TEST PIT: TP17

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

COORDS: 462461 m E 6468894 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 3.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 27/8/14
CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL	M	L	Density inferred from observations
			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.				
	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.							
	M-H		1.0						D - M	St - VSt	
			1.5								
			2.0								
			2.5								
			3.0								
			3.5								
			4.0								
			4.5								
R			3.80					REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 3.80 m			

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP17

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

COORDS: 462461 m E 6468894 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 3.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF
CHECKED: DB
DATE: 27/8/14
DATE: 23/9/14



1.






2.

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



SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 25/8/14
CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0.0						TOPSOIL			Density inferred from observations
			0.30					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.	M	L	
	M-H		0.5	0.50				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.			
	R		2.90						REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.90 m			
			3.0									
			3.5									
			4.0									
			4.5									
			5.0									

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP18

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

COORDS: 462344 m E 6468807 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.90 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 25/8/14
CHECKED: DB DATE: 23/9/14



1.



2.

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





REPORT OF TEST PIT: TP19

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

COORDS: 462541 m E 6468844 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 27/8/14
CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description				
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL	W	L	Density inferred from observations
			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.				
	0.5					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.	M - W	St - VSt		
	0.90										
	M-H		1.0								
			1.5								
			2.0								
			2.5								
			3.0								
			3.5								
			4.0	4.00				TARGET DEPTH ACHIEVED. GROUNDWATER ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.00 m			
			4.5								
			5.0								

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP19

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

COORDS: 462541 m E 6468844 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 27/8/14
CHECKED: DB DATE: 23/9/14



1.



2.

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REPORT OF TEST PIT: TP20

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

COORDS: 462725 m E 6468874 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 3.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description						
METHOD	EXCAVATION 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
EX	L		0.0		BDS 2.00-2.50 m Rec = 500/500 mm 1 bag				TOPSOIL	M	L	Density inferred from observations	
			0.20				GC	Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.					
			0.5										
	1.0		1.00				SC	Clayey SAND fine to coarse grained, white with red staining, medium plasticity fines, with some roots and rootlets.	D - M	D			
	1.5												
	2.0												
	2.5												
	3.0												
	3.5												
	3.80							TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED BUT TOP LAYER WAS OBSERVED TO BE MOIST. BACKFILLED. TEST PIT DISCONTINUED @ 3.80 m					
4.0													
4.5													

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP20

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

COORDS: 462725 m E 6468874 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 3.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF
CHECKED: DB
DATE: 26/8/14
DATE: 23/9/14



1.



2.

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



REPORT OF TEST PIT: TP21

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

COORDS: 462881 m E 6468940 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 3.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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	
EX	L		0.0					TOPSOIL	W	L	Density inferred from observations		
			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.						
			0.40	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.						
	0.5												
	1.0												
	1.5												
	2.0											M - W	St - VSt
	2.5												
	3.0												
	3.20												
R								REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 3.20 m					
			3.5										
			4.0										
			4.5										
			5.0										

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP21

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

COORDS: 462881 m E 6468940 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 3.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF
CHECKED: DB
DATE: 26/8/14
DATE: 23/9/14



1.



2.

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





REPORT OF TEST PIT: TP22

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

COORDS: 463230 m E 6468999 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.90 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description						
METHOD	EXCAVATION 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
EX	L		0.0		1.00-1.50 m Rec = 500/500 mm 1 bag				TOPSOIL		L	Density inferred from observations
			0.15					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.			
			0.5									
	0.90		SC	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with some roots and rootlets.								
	M-H		1.0							D	D	
			1.5									
			1.90									
	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									

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP22

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

COORDS: 463230 m E 6468999 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.90 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14



1.



2.

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

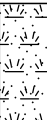
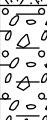


REPORT OF TEST PIT: TP23

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

COORDS: 463180 m E 6468909 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 0.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description				
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL		L	Density inferred from observations
			0.40				SC	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.	W	D	
	H		0.5								
	R		0.80					REFUSAL ON BEDROCK. GROUNDWATER ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 0.80 m			
			1.0								
			1.5								
			2.0								
			2.5								
			3.0								
			3.5								
			4.0								
			4.5								
			5.0								

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP23

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

COORDS: 463180 m E 6468909 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 0.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14



1.



2.

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




REPORT OF TEST PIT: TP24

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

COORDS: 463044 m E 6468802 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.90 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description						
METHOD	EXCAVATION 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		
EX	L		0.0					TOPSOIL	M	L	Density inferred from observations		
			0.20				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.					
			0.5										
			0.80				SC	Clayey SAND fine to coarse grained, orange and white with red staining, medium plasticity fines, with some roots and rootlets.					
	1.0												
	1.20		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.			D - M	St - VSt					
	1.5												
	2.0												
	2.5												
	2.90												
R			3.0						REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.90 m				
			3.5										
			4.0										
			4.5										
			5.0										

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP24

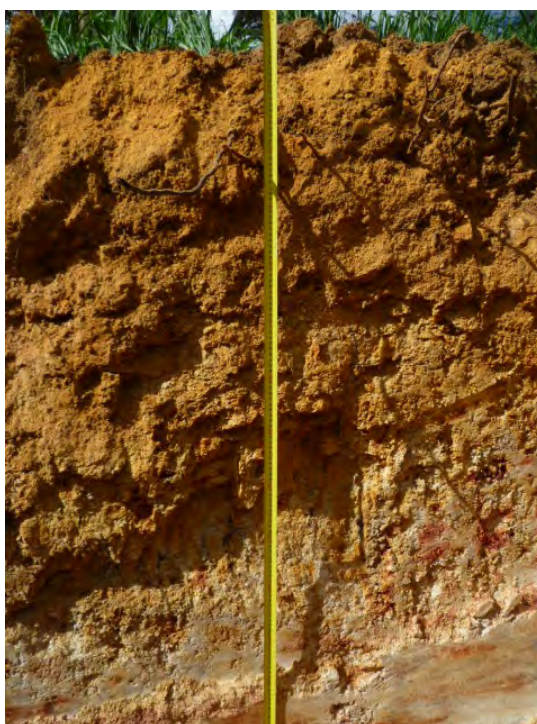
CLIENT: SITA Australia
PROJECT: Allawuna Farm Landfill
LOCATION: Allawuna Farm
JOB NO: 147645033

COORDS: 463044 m E 6468802 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.90 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF
CHECKED: DB
DATE: 26/8/14
DATE: 23/9/14



1.



2.

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REPORT OF TEST PIT: TP25

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

COORDS: 462755 m E 6468785 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 3.60 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 26/8/14
CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description									
METHOD	EXCAVATION 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			
EX	L		0.0					TOPSOIL		L	Density inferred from observations				
			0.30				GC	Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, pale brown, with low plasticity fines, with some roots and rootlets.							
	0.5		0.60				SC	Clayey SAND fine to coarse grained, yellow and white and red staining, medium plasticity fines, with some roots and rootlets.	M	D					
	1.0														
	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.		D - M	St - VSt					
	1.5														
	2.0														
	2.5														
	M-H		3.0												
	3.5		3.60												
R								REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 3.60 m							
			4.0												
			4.5												

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP25

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

COORDS: 462755 m E 6468785 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 3.60 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF
CHECKED: DB
DATE: 26/8/14
DATE: 23/9/14



1.



2.

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



REPORT OF TEST PIT: TP26

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

COORDS: 462431 m E 6468685 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 25/8/14
CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description						
METHOD	EXCAVATION 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	
EX	L		0.0					SC	TOPSOIL	W	L	Density inferred from observations	
			0.20	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.									
	0.5		0.50	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.	M - W	St - VSt			
	1.0												
EX	M-H		1.5										
			1.80										REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 1.80 m
			2.0										
			2.5										
			3.0										
			3.5										
			4.0										
			4.5										
			5.0										
			5.5										
6.0													

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP26

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

COORDS: 462431 m E 6468685 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 2
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF
CHECKED: DB
DATE: 25/8/14
DATE: 23/9/14



1.



2.

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

REPORT OF TEST PIT PHOTOGRAPHS: TP26

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

COORDS: 462431 m E 6468685 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 2 OF 2
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 25/8/14
CHECKED: DB DATE: 23/9/14



3.



REPORT OF TEST PIT: TP27

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

COORDS: 462470 m E 6468591 m N MGA94 50
 SURFACE RL: DATUM: AHD
 PIT DEPTH: 2.40 m
 BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
 MACHINE: 30t Excavator
 CONTRACTOR:
 LOGGED: RF DATE: 25/8/14
 CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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
EX	L		0.0						TOPSOIL				Density inferred from observations
			0.30										
			0.5				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.	M	L			
	0.80					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.						
	M-H		1.0										D - M St - VSt
			1.5										
			2.0										
			2.40										
	R		2.5						REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.40 m				
			3.0										
			3.5										
			4.0										
			4.5										
			5.0										

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GAP gINT FN. F01e
 RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP27

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

COORDS: 462470 m E 6468591 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.40 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 30t Excavator
CONTRACTOR:
LOGGED: RF DATE: 25/8/14
CHECKED: DB DATE: 23/9/14



1.



2.

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


REPORT OF TEST PIT: TP28

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

COORDS: 462350 m E 6469090 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 0.70 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description							
METHOD	EXCAVATION 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	
EX	L		0.0						TOPSOIL	M	L	Density inferred from observations		
			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.					
			0.50					SC	Clayey SAND fine to coarse grained, white with red staining, medium plasticity fines, with angular gravel, with some roots and rootlets.					
			0.70					REFUSAL ON BEDROCK. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 0.70 m						
	H									D				
	R													
			1.0											
			1.5											
			2.0											
			2.5											
			3.0											
			3.5											
			4.0											
			4.5											
			5.0											

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP28

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

COORDS: 462350 m E 6469090 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 0.70 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14



1.

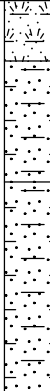


REPORT OF TEST PIT: TP29

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

COORDS: 462764 m E 6469075 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.30 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description								
METHOD	EXCAVATION 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	
EX	L		0.0						TOPSOIL		M - W	L	Density inferred from observations	
			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.						
			0.5	SC				Clayey SAND fine to coarse grained, white with red staining, medium plasticity fines, with angular gravel, with some roots and rootlets.						
			0.60											
	M-H		1.0									D		
		R	1.30						REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 1.30 m					
			1.5											
			2.0											
			2.5											
			3.0											
			3.5											
			4.0											
			4.5											
			5.0											

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP29

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

COORDS: 462764 m E 6469075 m N MGA94 50
 SURFACE RL: DATUM: AHD
 PIT DEPTH: 1.30 m
 BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
 MACHINE: 25t Excavator
 CONTRACTOR:
 LOGGED: RF DATE: 9/9/14
 CHECKED: DB DATE: 23/9/14



1.



REPORT OF TEST PIT: TP30

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

COORDS: 462631 m E 6468894 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description					
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION		MOISTURE CONDITION	STRUCTURE AND ADDITIONAL OBSERVATIONS
EX	L-M		0.0					TOPSOIL			Density inferred from observations
			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.			
			0.5	0.60			SC	Clayey SAND fine to coarse grained, yellow with white and red staining, with approximately 15% to 30% medium plasticity fines, with some roots and rootlets.	W	L - S	
			1.0								
EX	M-H		1.5								
			1.90				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.			
			2.0								
			2.5								
			3.0							M - W	
			3.5							St - VSt	
			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								

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP30

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

COORDS: 462631 m E 6468894 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: RF
CHECKED: DB
DATE: 9/9/14
DATE: 23/9/14



1.



2.

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



REPORT OF TEST PIT: TP31

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

COORDS: 462963 m E 6469073 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.60 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL		L	Density inferred from observations	
			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.					
			0.5									
			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.					
1.0						M - W						
1.5						D						
1.60												
R	M-H							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									

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

REPORT OF TEST PIT PHOTOGRAPHS: TP31

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

COORDS: 462963 m E 6469073 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 1.60 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: RF
CHECKED: DB
DATE: 9/9/14
DATE: 23/9/14



1.



2.

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

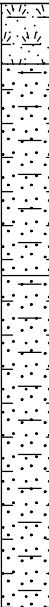


REPORT OF TEST PIT: TP32

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

COORDS: 462987 m E 6469267 m N MGA94 50
 SURFACE RL: DATUM: AHD
 PIT DEPTH: 2.00 m
 BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
 MACHINE: 25t Excavator
 CONTRACTOR:
 LOGGED: RF DATE: 9/9/14
 CHECKED: DB DATE: 23/9/14

Excavation				Sampling		Field Material Description						
METHOD	EXCAVATION 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
EX	L		0.0						TOPSOIL	W	L	Density inferred from observations
			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.			
			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.			
	1.0							M - W	D			
	M-H		1.5									
			2.0	2.00					REFUSAL ON BEDROCK. GROUNDWATER ACCUMULATED IN BASE OF TEST PIT. BACKFILLED. TEST PIT DISCONTINUED @ 2.00 m			
	R		2.5									
			3.0									
			3.5									
			4.0									
			4.5									
			5.0									

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GAP gINT FN. F01e
 RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP32

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

COORDS: 462987 m E 6469267 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: RF DATE: 9/9/14
CHECKED: DB DATE: 23/9/14



1.



APPENDIX E

Test Pits Logging

Test Pit Investigation November 2014



REPORT OF TEST PIT: TP83

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

COORDS: 462424 m E 6469384 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 5.10 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15

Excavation					Sampling		Field Material Description				
METHOD	EXCAVATION 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
EX	L		0					TOPSOIL			Density inferred from observations
			0.20				GC	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	
			1		BDS 0.70-1.00 m Rec = 300/300 mm 3/4 bag						
			1.30				SC	Clayey SAND fine to medium grained, orange, with red-brown (oxidised) cemented pea gravel, medium plasticity fines.		D	
	M		2		BDS 1.70-2.00 m Rec = 300/300 mm 3/4 bag						St - VST
			2.50				SC / CI	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	M		
			3								
			4		BDS 4.20-4.50 m Rec = 300/300 mm 3/4 bag						
			5								
			5.10					TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 5.10 m			
			6								

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP83

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

COORDS: 462424 m E 6469384 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 5.10 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1

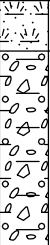




REPORT OF TEST PIT: TP84

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

COORDS: 462548 m E 6469464 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 5.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0		BDS 0.50-0.80 m Rec = 300/300 mm 3/4 Bag			TOPSOIL	D	L	Density inferred from observations	
			0.20	GC			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.					
			1	1.00	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 - M	D		
			2									
			3									
5	5.00	5.00-5.20 m Rec = 200/200 mm 3/4 Bag		SC / CI	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)	M	St - VSt					
5.20								TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 5.20 m				
			6									

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REPORT OF TEST PIT PHOTOGRAPHS: TP84

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

COORDS: 462548 m E 6469464 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 5.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1

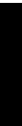

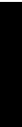
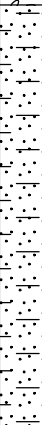
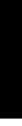
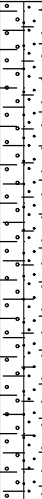


REPORT OF TEST PIT: TP85

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

COORDS: 462664 m E 6469559 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.90 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15

Excavation					Sampling	Field Material Description								
METHOD	EXCAVATION 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	
EX	L		0		BDS 0.50-1.00 m Rec = 500/500 mm 2 bags				TOPSOIL	D	L	Density inferred from observations		
			0.30	GC			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.							
			1.20	SC			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.	D						
	2	BDS 2.00-2.50 m Rec = 500/500 mm 2 bags					SC / CI		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.	M				
	2.90							St - VSt						
3	BDS 3.50-4.00 m Rec = 500/500 mm 2 bags													
4								4.90						
5	TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.90 m													

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP85

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

COORDS: 462664 m E 6469559 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.90 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1



REPORT OF TEST PIT: TP86

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

COORDS: 462790 m E 6469647 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 6.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description					
METHOD	EXCAVATION 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
L			0					TOPSOIL			Density inferred from observations
			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 some roots and rootlets.		L	
			0.90				GC	Durricrust medium to coarse cemented gravels, with clay matrix, orange with red stains		VD	
			1.10		BDS 1.30-1.80 m Rec = 500/500 mm 2 bags		SC	Clayey SAND fine to medium grained, orange, with red-brown (oxidised) cemented pea gravel, medium plasticity fines, with some roots and rootlets.		D	
			2.00				SC / CI	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).			
EX			3								M - M
			4		BDS 4.00-4.50 m Rec = 500/500 mm 2 bags					St - VSt	
			5								
			6	6.00				TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 6.00 m			

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP86

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

COORDS: 462790 m E 6469647 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 6.00 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1





REPORT OF TEST PIT: TP87

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

COORDS: 462932 m E 6469645 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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
EX	L		0.0						TOPSOIL	D	L	Density inferred from observations	
			0.20	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.				
			0.5	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).				
			0.90										
			1.0										
	M		1.5	BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag	D - M	D							
			2.0										
			2.40				SC / CI	Silty Clayey SAND to Sandy Silty 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).					
			2.5				M	St - VSt					
			3.0										
3.5	BDS 3.50-3.80 m Rec = 300/300 mm 3/4 Bag	M	St - VSt										
4.0													
4.20				TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m									
			4.5										
			5.0										

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP87

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

COORDS: 462932 m E 6469645 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1



REPORT OF TEST PIT: TP88

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

COORDS: 463017 m E 6469535 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL			Density inferred from observations
			0.20				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.	D	L	
			0.90				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.		D	
	M		2.40		BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag		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 granite). Pockets of predominantly clay, with some talcy texture (smooth clay- stiff and friable).	M		
			4.20		BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag			TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m		St - VSt	

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP88

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

COORDS: 463017 m E 6469535 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1












REPORT OF TEST PIT: TP89

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

COORDS: 462920 m E 6469466 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.60 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15

Excavation					Sampling		Field Material Description				
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL	D	L	
			0.20				GC	Clayey GRAVEL fine to medium grained gravel, rounded to sub-rounded particles, orange pale brown, with low plasticity fines			
	0.5			BDS 0.50-0.80 m Rec = 300/300 mm 3/4 bag							
	0.90					SC	Clayey SAND fine to medium grained, orange and dark yellow, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines throughout.				
	1.0										
L	1.5			BDS 1.70-2.00 m Rec = 300/300 mm 3/4 bag					M	D	
	2.0										
M-H	2.30		BDS 2.30-2.60 m Rec = 300/300 mm 3/4 bag		SC / CI	Silty Clayey SAND to Sandy Silty CLAY 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 - VSt			
	2.5										
R			2.60					REFUSAL @ 2.6m GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.60 m			
			3.0								

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP89

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

COORDS: 462920 m E 6469466 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.60 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1



REPORT OF TEST PIT: TP90

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

COORDS: 462778 m E 6469528 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 5.60 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0						TOPSOIL			Density inferred from observations
			0.20				SP / GM	SAND and GRAVEL fine to medium sand, fine to medium grained gravel (laterite), rounded to sub-rounded particles, orange to pale brown (laterite).	D	L		
			1.00	BDS 0.70-1.00 m Rec = 300/300 mm 3/4 Bag		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.		D			
			2.60	BDS 2.00-2.30 m Rec = 300/300 mm 3/4 Bag		SC / Cl	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)	M				
			5.60	BDS 4.50-4.80 m Rec = 300/300 mm 3/4 Bag			TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 5.60 m					

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP90

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

COORDS: 462778 m E 6469528 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 5.60 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1




REPORT OF TEST PIT: TP91

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

COORDS: 462649 m E 6469452 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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
EX	L		0.0						TOPSOIL	D	L - MD		
			0.30	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.						
			0.60	BDS 0.60-0.90 m Rec = 300/300 mm 3/4 bag		SC	Silty Clayey SAND fine to coarse grained, orange and white, weakly to moderately iron cemented with pisolitic gravel embedded.						
			1.00			SC / Cl	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 embedded, with some roots and rootlets	St					
			1.80	BDS 1.50-1.80 m Rec = 300/300 mm 3/4 bag		SC / Cl	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)						
	M		2.0							M	St - VSt		
			3.0	BDS 3.00-3.30 m Rec = 300/300 mm 3/4 bag									
			3.5										
			4.0										
			4.20										
			4.5					TARGET DEPTH ACHIEVED. GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m					
			5.0										

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP91

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

COORDS: 462649 m E 6469452 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 18/11/14
CHECKED: RF DATE: 19/2/15



1.

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GAP gINT FN. F29
RL1





REPORT OF TEST PIT: TP92

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

COORDS: 462813 m E 6469390 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.40 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description						
METHOD	EXCAVATION 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
EX	L		0.0		BDS 0.20-0.50 m Rec = 300/300 mm 3/4 BAG				TOPSOIL		L	Density inferred from observations
			0.20			GC	Clayey GRAVEL fine to medium grained gravel (laterite), rounded to sub-rounded particles, orange pale brown, with low plasticity fines.					
			0.50			SC	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.					
			1.0			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)					
			1.40									
	M		1.5		BDS 1.00-1.30 m Rec = 300/300 mm 3/4 BAG					M	St - VSt	
			2.0									
			2.5									
			3.0									
			3.5									
			4.0									
			4.5					TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.40 m				

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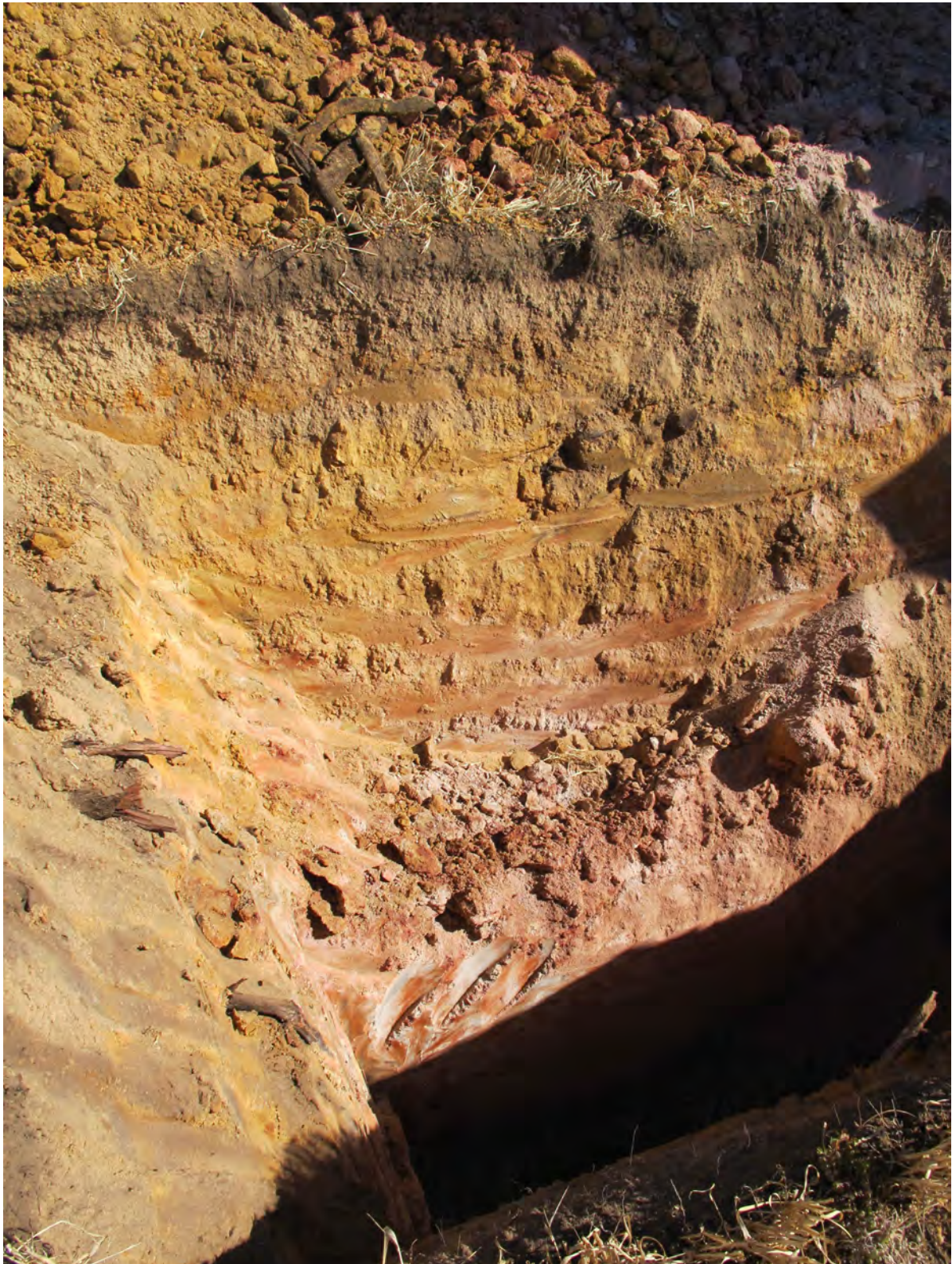
GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP92

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

COORDS: 462813 m E 6469390 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.40 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1



REPORT OF TEST PIT: TP93

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

COORDS: 462674 m E 6469343 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL			Density inferred from observations
			0.20				GC	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	
			0.5		BDS 0.30-0.60 m Rec = 300/300 mm 3/4 Bag		SC	Clayey SAND fine to medium grained, yellow to orange, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines.			
	M		2.0		BDS 1.70-2.00 m Rec = 300/300 mm 3/4 Bag					D	
			2.5	2.50			SC / CI	Silty Clayey SAND to Sandy Silty CLAY white with orange and red (mottled), 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). Pockets of predominantly clay.	M		
			3.0		BDS 3.00-3.30 m Rec = 300/300 mm 3/4 bag					St - VSt	
			4.0								
			4.20					TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m			
			4.5								
			5.0								

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP93

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

COORDS: 462674 m E 6469343 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15



1.

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GAP gINT FN. F29
RL1



REPORT OF TEST PIT: TP94

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

COORDS: 462514 m E 6469262 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description				
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL		Density inferred from observations
			0.20				SP	SAND fine to medium, pale yellow to grey, poorly graded, angular to subrounded, loose.		
			0.5							
			1.0		BDS 1.00-1.30 m Rec = 300/300 mm 3/4 Bag				L	
			1.80				SP	SAND fine to medium, orange, poorly graded, angular to subrounded, loose, with trace of silt and clay,		
			2.0							
			2.5							
			3.0		BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag				L - MD	
			3.5							
			4.0							
			4.20					TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m		
			4.5							
			5.0							

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP94

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

COORDS: 462514 m E 6469262 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15



1.

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GAP gINT FN. F29
RL1

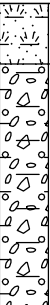





REPORT OF TEST PIT: TP95

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

COORDS: 462376 m E 6469194 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description						
METHOD	EXCAVATION 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
EX	L		0.0		BDS 0.50-0.80 m Rec = 300/300 mm 3/4 Bag			GC	TOPSOIL	D	L	Density inferred from observations
			0.20	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.								
			0.5									
			1.0						1.00			
			1.0						SC			
	M	2.0		BDS 2.00-2.30 m Rec = 300/300 mm 3/4 Bag			SC / Cl	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.	M	D		
		2.5										
		2.80	St - VSt									
		3.0										
		3.5									BDS 3.50-3.80 m Rec = 300/300 mm 3/4 Bag	
4.0	4.20					TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m						
			4.5									

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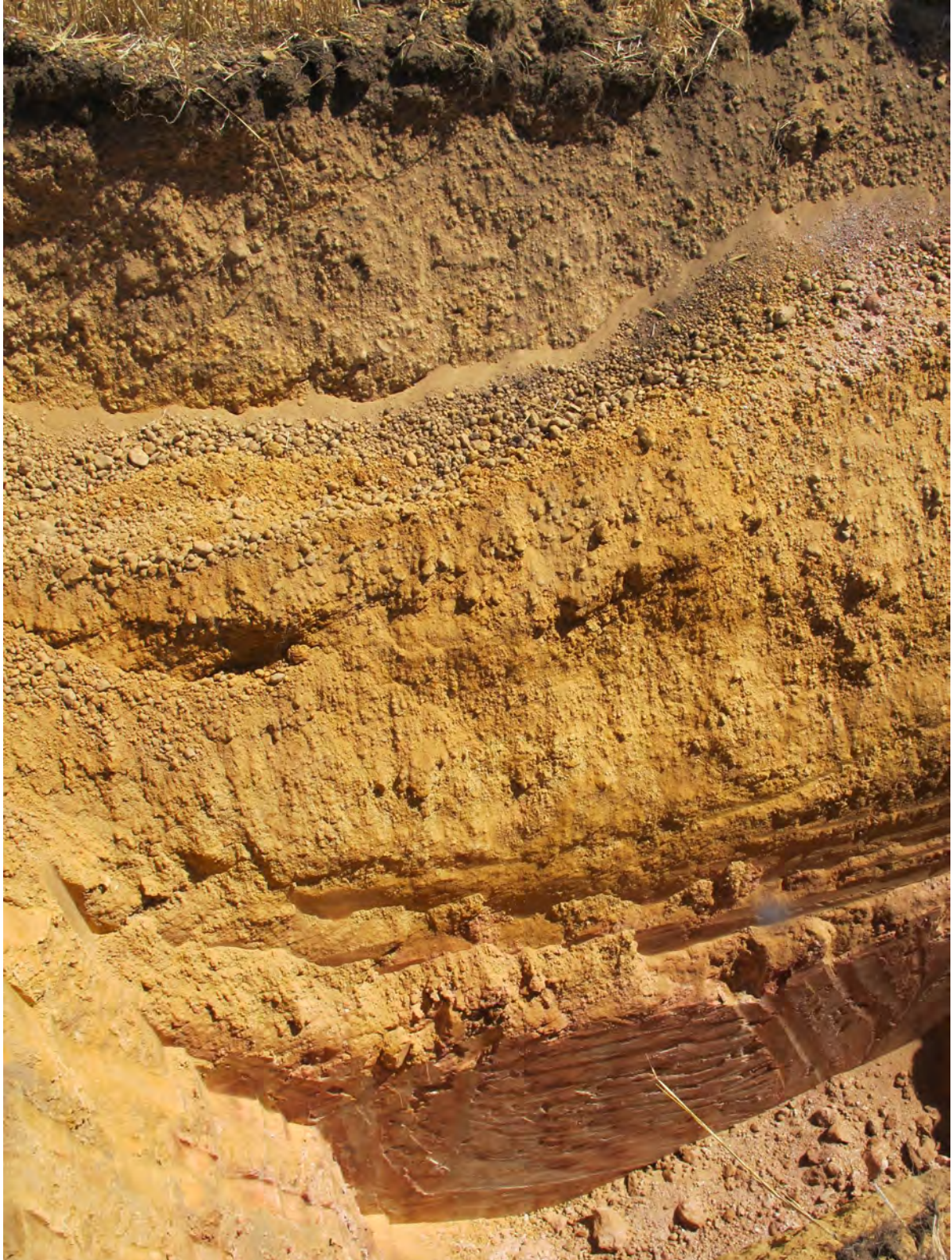
GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP95

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

COORDS: 462376 m E 6469194 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1


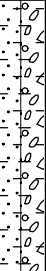
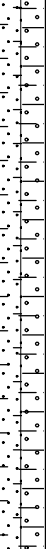


REPORT OF TEST PIT: TP96

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

COORDS: 462261 m E 6469071 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 21/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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
EX	L		0.0					SC / GC	TOPSOIL		D	L	Density inferred from observations
			0.15						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.				
			0.70						SC				
	1.10	SC / CI	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.										
	M-H		1.5		BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag				M	St - VSt			
2.20													
R									REFUSAL @ 2.2m GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.20 m				
			2.5										

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP96

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

COORDS: 462261 m E 6469071 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 21/11/14
CHECKED: RF DATE: 19/2/15



1.

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GAP gINT FN. F29
RL1

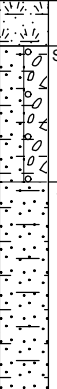



REPORT OF TEST PIT: TP97

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

COORDS: 462348 m E 6468950 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.30 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 21/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL	D	L	Density inferred from observations		
			0.15	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.									
			0.5	BDS 0.80-1.10 m Rec = 300/300 mm 3/4 Bag				SC	Clayey SAND fine to coarse grained, orange to red, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines.	D - M		D	
			0.60										
			1.30						SC / Cl				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.
	1.5												
	2.0												
	2.5												
	3.0		BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag	SC / Cl									
	3.5												
4.0													
4.30													
4.5	TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.30 m												

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP97

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

COORDS: 462348 m E 6468950 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.30 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 21/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1

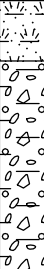
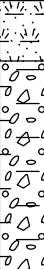
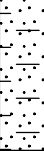
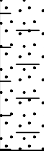




REPORT OF TEST PIT: TP98

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

COORDS: 462482 m E 6469051 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.10 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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
EX	L		0.0		BDS 0.60-0.90 m Rec = 300/300 mm 3/4 Bag			GC	TOPSOIL	D	L	Density inferred from observations	
			0.20	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.									
			0.5										
			0.90										
			1.0	Clayey SAND fine to coarse grained, yellow to orange, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines.									
	M		1.5		BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag			SC / Cl		D - M	D		
			2.0	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 coarse grained sand, pockets of predominantly sand and gravel (angular to subangular, poorly sorted quartz - from weathered granite). Pockets of predominantly clay.									
			2.5										
			3.0										
			3.5										
			4.0		BDS 3.00-3.30 m Rec = 300/300 mm 3/4 Bag					M	St - VSt		
			4.10										
			4.5	TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.10 m									

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP98

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

COORDS: 462482 m E 6469051 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.10 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15



1.

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GAP gINT FN. F29
RL1





REPORT OF TEST PIT: TP99

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

COORDS: 462610 m E 6469196 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.90 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0.0		BDS 1.00-1.30 m Rec = 300/300 mm 3/4 Bag				TOPSOIL	D	L	Density inferred from observations
			0.20				SW	SAND fine to medium, pale yellow to grey, moderately to well graded, subangular to rounded, loose.				
			0.5									
			1.0									
			1.5									
	2.0		2.10		SC	Clayey SAND fine to medium, orange, moderately to well graded, subangular to rounded, loose, minor pea gravels, with some silt and clay, low plasticity fines.	M	D				
	2.5											
	3.0											
	3.5											
	4.0											
4.5	4.50		SC / CI	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.	M - W	St - VSt						
4.90								TARGET DEPTH ACHIEVED GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 4.90 m				
5.0												
5.5												

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GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP99

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

COORDS: 462610 m E 6469196 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.90 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15



1.

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GAP gINT FN. F29
RL1

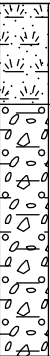


REPORT OF TEST PIT: TP100

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

COORDS: 462879 m E 6469339 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.50 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L		0.0					TOPSOIL	D	L	Density inferred from observations	
			0.20	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.					
			0.5									
	0.70		SC	Clayey SAND fine to coarse grained, orange, weakly to moderately iron cemented with pisolitic gravel embedded. Medium plasticity fines.			D - M	D				
	1.0											
1.30	SC / Cl		Silty Clayey SAND to Sandy Silty 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	St - VSt							
1.5												
2.0												
2.50												
R									REFUSAL @ 2.5m GROUNDWATER NOT ENCOUNTERED. BACKFILLED. TEST PIT DISCONTINUED @ 2.50 m			

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

GAP gINT FN. F01e
RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP100

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

COORDS: 462879 m E 6469339 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.50 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1



REPORT OF TEST PIT: TP101

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

COORDS: 463107 m E 6469414 m N MGA94 50
 SURFACE RL: DATUM: AHD
 PIT DEPTH: 4.20 m
 BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
 MACHINE: 25t Excavator
 CONTRACTOR:
 LOGGED: AW DATE: 20/11/14
 CHECKED: RF DATE: 19/2/15

Excavation					Sampling		Field Material Description					
METHOD	EXCAVATION 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
EX	L	Water seepage inflow @ 3.6m	0.0						TOPSOIL	D	L	Density inferred from observations
			0.20				SC / GC	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.				
			0.5									
			1.0		BDS 0.80-1.30 m Rec = 500/500 mm 2 Bags			M				
	M-H		1.80				SC	Silty Clayey SAND fine to medium grained, orange and white, weakly to moderately iron cemented with pisolitic gravel embedded, medium plasticity fines.		D		
			2.0									
			2.5		BDS 2.20-2.70 m Rec = 500/500 mm 2 Bags							
			3.0					M - W				
	R		3.20		BDS 3.30-3.80 m Rec = 500/500 mm 2 Bags		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)		St - VSt		
			4.20						REFUSAL AT 4.2m GROUNDWATER ENCOUNTERED @ 3.6m - minor seepage inflows. BACKFILLED. TEST PIT DISCONTINUED @ 4.20 m			
		4.5										
		5.0										

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

GAP gINT FN. F01e
 RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP101

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

COORDS: 463107 m E 6469414 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 4.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 20/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1



REPORT OF TEST PIT: TP102

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

COORDS: 463096 m E 6469307 m N MGA94 50
 SURFACE RL: DATUM: AHD
 PIT DEPTH: 2.80 m
 BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
 MACHINE: 25t Excavator
 CONTRACTOR:
 LOGGED: AW DATE: 20/11/14
 CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description					
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED GRAPHIC LOG	USCS SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION		MOISTURE CONDITION	STRUCTURE AND ADDITIONAL OBSERVATIONS
			0.0					TOPSOIL			Density inferred from observations
			0.20								
					BDS 0.30-0.80 m Rec = 500/500 mm 2 Bags		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	
			0.80								
					BDS 0.90-1.40 m Rec = 500/500 mm 2 Bags		CI	Silty CLAY white to grey, with red mottled zones, some weakly to moderately iron cemented with pisolitic gravel embedded. Silty at the top grading to more clayey with depth. Medium plasticity fines.		M St	
			1.40								
					BDS 2.00-2.50 m Rec = 500/500 mm 2 Bags		SC / CI	Silty Clayey SAND to Sandy Silty CLAY mostly white with orange and red, laminated in part, medium plasticity fines, with roots and rootlets (some up to 1cm). 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 - W St - VSt	
			2.80								
								REFUSAL @ 2.8m GROUNDWATER ENCOUNTERED @ 2.6m - seepage inflows. BACKFILLED. TEST PIT DISCONTINUED @ 2.80 m			
			3.0								
			3.5								

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GAP gINT FN. F01e
 RL3

REPORT OF TEST PIT PHOTOGRAPHS: TP102

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

COORDS: 463096 m E 6469307 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.80 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 20/11/14
CHECKED: RF DATE: 19/2/15



1.

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

GAP gINT FN. F29
RL1



REPORT OF TEST PIT: TP103

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

COORDS: 462880 m E 6469214 m N MGA94 50
SURFACE RL: DATUM: AHD
PIT DEPTH: 2.20 m
BUCKET TYPE: 900 mm toothed

SHEET: 1 OF 1
MACHINE: 25t Excavator
CONTRACTOR:
LOGGED: AW DATE: 19/11/14
CHECKED: RF DATE: 19/2/15

Excavation				Sampling		Field Material Description							
METHOD	EXCAVATION 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
EX	L		0.0						TOPSOIL some weathered dolerite cobbles at surface	D	L	Density inferred from observations	
			0.20				CL	CLAY Green to dark grey CLAY, medium plasticity, with sand and gravel rock fragments, and weathered blocks increasing with depth - weathered Dolerite	M	St			
			0.5										
EX	H	water seepage inflow @ 1.9m	1.0							W	St - VSt		
			1.5		BDS 1.50-1.80 m Rec = 300/300 mm 3/4 Bag								
			2.0										
EX	R		2.20						REFUSAL @ 2.2m GROUNDWATER ENCOUNTERED @ 1.9m - seepage inflows 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										
EX													

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GAP gINT FN. F01e
RL3