



# SOIL TEST PIT LOG

TEST PIT No.: TP6

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CLIENT: Rail Corporation NSW

JOB No.: 21/14037

COMMENCED: 17 August 2005

PROJECT: Macdonaldtown Triangle Delineation Sampling

COMPLETED: 17 August 2005

LOCATION: Burren Street, Erskinvill, NSW

LOGGED BY: A. Barwick

CONTRACTOR: Bill Paul Excavations

EQUIPMENT: Backhoe

CHECKED BY: L. Clements

VERTICAL DATUM: AHD - RL20.23

HORIZONTAL DATUM: MGA

TOTAL DEPTH (m): 1.5

X-COORDINATE: 332291.04

Y-COORDINATE: 6247742.71

Depth (m)	Method	Sample Type	Sample Number	PID	Depth/Elevation (m)	DESCRIPTION USCS Soil Group Symbol, colour, soil types, particle characteristics or plasticity, colour, secondary and minor components, moisture content, consistency, structure, geological origin.	CONTAMINANT INDICATORS Odours, staining, waste materials, separate phase liquids, imported fill, ash.	Graphic Log	Depth (m)
0					0.00	Ground Surface			0
	B	GS	TP6/0.1-0.3	6.5		<b>FILL</b> Sandy gravel. Coarse grained, brown to black. Gravel comprises rail ballast up to 100mm. Grass and rootlets at surface. Some orange/grey stiff backfill clay mixed in.			
					0.40	<b>FILL</b> Clay and ash. Clay is mod plasticity, red/orange/grey. Ash is fine, grey and powdery mixed up with backfill clays and coke / coal material.	@0.7m 3xPipes located (1200mm diameter).		
	B	GS	TP6/0.7-0.8	60.2					
1									1
	B	GS	TP6/1.3-1.5	24.2					
					1.50	Pit terminated at 1.5m refusal on cast iron pipe.	Another pipe located at 1.5m.		
2									2
3									3

Method  
B = Backhoe  
E = Excavator

Sample Type GS  
GS = Grab Sample  
S = Sample collected by scraping jar along side of test pit

SWL = Standing Water Level  
PID = Photionisation Detector



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## SOIL TEST PIT LOG

TEST PIT No.: TP7

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CLIENT: Rail Corporation NSW

JOB No.: 21/14037

COMMENCED: 17 August 2005

PROJECT: Macdonaldtown Triangle Delineation Sampling

COMPLETED: 17 August 2005

LOCATION: Burren Street, Erskinvill, NSW

LOGGED BY: A. Barwick

CONTRACTOR: Bill Paul Excavations

EQUIPMENT: Backhoe

CHECKED BY: L. Clements

VERTICAL DATUM: AHD - RL20.14

HORIZONTAL DATUM: MGA

TOTAL DEPTH (m): 0.7

X-COORDINATE: 332303.62

Y-COORDINATE: 6247751.97

Depth (m)	Method	Sample Type	Sample Number	PID	Depth/Elevation (m)	DESCRIPTION USCS Soil Group Symbol, colour, soil types, particle characteristics or plasticity, colour, secondary and minor components, moisture content, consistency, structure, geological origin.	CONTAMINANT INDICATORS Odours, staining, waste materials, separate phase liquids, imported fill, ash.	Graphic Log	Depth (m)
0					0.00	Ground Surface			0
	B	GS	TP7/0.1-0.2	42.1		<b>FILL</b> Sandy gravel. Sand is medium grained, brown to black. Gravel comprises rail ballast up to 150mm. Grass and rootlets at surface. Some orange/grey stiff backfill clay mixed in.	Full size bricks and large (>100mm) fragments of concrete.		
	B	GS	0.4-0.6 DUP2 ASB1	20.9	0.40	<b>FILL</b> Gravel, clay and ash. Clay is mod plasticity, red/grey. Ash is fine, grey and powdery mixed up with 10mm size fragments of coal. Gravel is rail ballast.	@0.6m several (5) fragments of fibre cement sheeting potentially containing asbestos observed in pit. Fragments from 20-70mm across. Found loosley distributed in coke / coal backfill material.		
					0.70	Pit terminated at 0.7m at refusal on brick walls.	Sample ASB1 collected for asbestos analysis.  Duplicate DUP2 also collected.		
1									1
2									2
3									3

Method

B = Backhoe

E = Excavator

Sample Type GS

GS = Grab Sample

S = Sample collected by scraping jar along side of test pit

SWL = Standing Water Level

PID = Photionisation Detector



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## SOIL TEST PIT LOG

TEST PIT No.: TP8

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CLIENT: Rail Corporation NSW

JOB No.: 21/14037

COMMENCED: 17 August 2005

PROJECT: Macdonaldtown Triangle Delineation Sampling

COMPLETED: 17 August 2005

LOCATION: Burren Street, Erskinvale, NSW

LOGGED BY: A. Barwick

CONTRACTOR: Bill Paul Excavations

EQUIPMENT: Backhoe

CHECKED BY: L. Clements

VERTICAL DATUM: AHD - RL20.16

HORIZONTAL DATUM: MGA

TOTAL DEPTH (m): 1.0

X-COORDINATE: 332309.33

Y-COORDINATE: 6247753.58

Depth (m)	Method	Sample Type	Sample Number	PID	Depth/Elevation (m)	DESCRIPTION USCS Soil Group Symbol, colour, soil types, particle characteristics or plasticity, colour, secondary and minor components, moisture content, consistency, structure, geological origin.	CONTAMINANT INDICATORS Odours, staining, waste materials, separate phase liquids, imported fill, ash.	Graphic Log	Depth (m)
0						Ground Surface			0
	B	GS	TP8/0.1-0.3	3.1	0.00	<b>FILL</b> Sandy gravel. Sand is medium grained, brown to black. Gravel comprise rail ballast up to 150mm. Grass and rootlets at surface.			
	B	GS	TP8/0.4-0.6; DUP3	68.7	0.40	<b>FILL</b> Ash and sandy gravel. Ash is mainly black with small (2-10mm) fragments of coal mixed in. No definitive horizons observed. Base of layer not found.	Copper cables and pipes at 0.4m  Thick layer of black ash and coal located between walls - used as backfill between and parallel to the walls.		
1					1.00	Pit terminated at 1.0m at refusal on brick walls.			1
2									2
3									3

Method

B = Backhoe

E = Excavator

Sample Type GS

GS = Grab Sample

S = Sample collected by scraping jar along side of test pit

SWL = Standing Water Level

PID = Photionisation Detector





# SOIL TEST PIT LOG

TEST PIT No.: TP9

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CLIENT: Rail Corporation NSW

JOB No.: 21/14037

COMMENCED: 17 August 2005

PROJECT: Macdonaldtown Triangle Delineation Sampling

COMPLETED: 17 August 2005

LOCATION: Burren Street, Erskinvill, NSW

LOGGED BY: A. Barwick

CONTRACTOR: Bill Paul Excavations

EQUIPMENT: Backhoe

CHECKED BY: L. Clements

VERTICAL DATUM: AHD - RL20.15

HORIZONTAL DATUM: MGA

TOTAL DEPTH (m): 2.0

X-COORDINATE: 332298.76

Y-COORDINATE: 6247757.00

Depth (m)	Method	Sample Type	Sample Number	PID	Depth/Elevation (m)	DESCRIPTION USCS Soil Group Symbol, colour, soil types, particle characteristics or plasticity, colour, secondary and minor components, moisture content, consistency, structure, geological origin.	CONTAMINANT INDICATORS Odours, staining, waste materials, separate phase liquids, imported fill, ash.	Graphic Log	Depth (m)
0					0.00	Ground Surface			0
	B	GS	TP9/0.1-0.3	2.6		<b>FILL</b> Sandy gravel. Sand is medium grained, brown to black. Gravel comprises rail ballast up to 150mm. Some concrete in fill.			
					0.60	<b>FILL</b> Clay. Mod plasticity. firm. Orange. .			
	B	GS	TP9/0.7-0.9	4.0					
1					1.00	<b>CONCRETE</b> Concrete slab 100mm thick.			1
					1.10	<b>FILL</b> Clay. Mod plasticity. soft, Brown.			
	B	GS	TP9/1.6-1.8	30.9					
2					2.00	Pit terminated at 2.0m at designated depth.			2
3									3

Method

B = Backhoe

E = Excavator

Sample Type GS

GS = Grab Sample

S = Sample collected by scraping jar along side of test pit

SWL = Standing Water Level

PID = Photionisation Detector