



TEST PIT/BOREHOLE LOG SOIL

No:

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Client: TAS MAGNESITE
Project: ARTHUR RIVER
Job No: ARO33
Location:
Date:

Contractor Co:
Contractor: Edrill
Type: Diamond
Inclination: -60
Bearing: 330

Easting:
Northing:
Grid Ref:
Collar RL:
Logged by: CEA Checked by:

Depth (m)	Method	Water	Group Symbol	MATERIAL DESCRIPTION Type, colour, particle size and shape, structure	Moisture	Consistency / Density	In situ Testing	FIELD TESTS & NOTES	Sampling / Runs	Lab. Testing
0.00				Glacial gravels and sands, grey to white, well graded. Angular fines, to sub-angular to sub-rounded large clasts. Quartz dominated	D	F/L		Poor recovery, mostly cuttings. Variably packed in situ, loosens once disturbed		
0.25			GW							
0.50				Partially lithified, highly sheared black/dark brown glaciatics. Quartzite clasts to 2cm; rounded to sub-angular.	D	VST				
0.75			GM							
1.00				Silty sands, partially lithified, moderately sheared. Dark brown to grey. Not quite as hard as that above.	D	VST				
1.25			SM							
1.50				As above, but light brown/grey soft, talcy texture. Frequent small, soft and angular clasts.	D	F				
1.75			GM							
2.00				NO RECOVERY						
2.25				Silty sands to many clasts from quartz, quartzite, dolerite, siltstone, (*granite?). White to grey, to some Fe staining creating yellow/reds.	S	L				
2.50			SM							
2.75				NO RECOVERY						
3.00										
3.25										
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consistency:

VS very soft
S soft
F firm
ST stiff
VST very stiff
H hard

relative density:

VL very loose
L loose
MD medium dense
D dense
VD very dense

moisture:

D Dry
M Moist
W Wet

water:

water level
level risen to
water inflow

notes:

sampling:

intact sample from core
intact tube sample

Disturbed sample
WS Water Sample
BS Bulk Sample
AS Auger Sample

soil classification:

soil is classified in accordance with AS1728 unless otherwise noted



TEST PIT/BOREHOLE LOG SOIL

No:

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Client: TAS MAGNESITE
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Job No: ARO33
Location:
Date:

Contractor Co:
Contractor: Edrill
Type: Diamond
Inclination: -60
Bearing: 330

Easting:
Northing:
Grid Ref:
Collar RL:
Logged by: GCA Checked by:

Depth (m)	Method	Water	Group Symbol	MATERIAL DESCRIPTION Type, colour, particle size and shape, structure	Moisture	Consistency / Density	In situ Testing	FIELD TESTS & NOTES	Sampling / Runs	Lab. Testing
33.5 0.00			SW	Sands, well graded white to grey. Occasional quartzite (rounded) csts.		M5				
34.0 0.25										
41.0 0.50				NO RECOVERY						
0.75										
1.00				End of soil log - refer to rock.						
1.25										
1.50										
1.75										
2.00										
2.25										
2.50										

consistency:
VS very soft
S soft
F firm
ST stiff
VST very stiff
H hard

relative density:
VL very loose
L loose
ND medium dense
D dense
VD very dense

moisture:
D Dry
M Moist
W Wet

notes:

soil classification:
soil is classified in accordance with AS1726
unless otherwise noted

water:
level level
level risen to
water inflow

sampling:
intact sample from core
intact tube sample

Disturbed sample
WS Water Sample
BS Bulk Sample
AS Auger Sample

CORE LOG SHEET

Client : **TAS MAGNESITE**
 Project : **ARTHUR RIVER**
 Location : **ARO33**

LOCATION No.

SHEET 1 OF 2

Position : , Surface RL : Inclination\Bearing : **-60/330** Processed :
 Contractor : **Edrill** Rig Type : **Diamond** Checked :
 Date Started : Date Completed : Logged by : **CCA** Date :

DRILLING				MATERIAL						ADDITIONAL DATA		
SCALE (m)	Method	Run	Water	Depth / (RL) metres	Graphic Log	Description ROCK TYPE, colour, grain size, structure	Weathering	Estimated Strength	Core Recovery (%)	Defect Spacing (mm)	Samples & Tests	SCALE (m)
								20	80	10		
									100	1000		
											Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	
				41.0		SCHIST, brown to dark brown, micaceous clayey, lightly banded	XW EL		30			
				43.8		DOLERITE, brown, coarse-grained, much quartz regrowth crystals	XW EL		20		Gritty, crumbling.	
				48.0		FAULT, grey to brown clays and coarse sands	XW EL		10			
				49.0		NO RECOVERY						
				51.5		FAULT, as above but to quartz and dolerite frags to 4cm	XW EL		20			
				52.0		NO RECOVERY						
				54.5		DOLERITE, as above but limonite-rich, clayey	XW EL		20		Limonite alteration	
				56.0		CARBONATE brown, mottled white, dark brown	HW M		30		Limonite replacement/alteration	
				56.5		MAGNESITE, pink	SW H		6		Rubble. Some cherts rounded.	
				58.0		NO RECOVERY						
				60.5		MAGNESITE, as above	SW H		10		Rubble	
				61.0								

See standard sheets for details of abbreviations & basis of descriptions



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Job No.

CORE LOG SHEET

Client : **TAS MAGNESITE**
 Project : **ARTHUR RIVER**
 Location : **AR033**

LOCATION No.

SHEET **2** OF **2**

Position : , Surface RL : Inclination/Bearing : **60/330** Processed :
 Contractor : **Edrill** Rig Type : **Diamond** Checked :
 Date Started : Date Completed : Logged by : **CCA** Date :

DRILLING				MATERIAL							ADDITIONAL DATA	
SCALE (m)	Method	Run	Water	Depth / (RL) metres	Graphic Log	Description ROCK TYPE, colour, grain size, structure	Weathering	Estimated Strength	Core Recovery (%)	Defect Spacing (mm)	Samples & Tests	SCALE (m)
									20 80 10	100 1000	Joints, partings, seams, zones and veins Fracture type, orientation, infilling or coating, shape, roughness, other Insitu test results	
				61.0		NO RECOVERY						
				63.5		MAGNESITE, pink	HW L	25				
				65.8		MAGNESITE, pink, streaked light pink along hairline fractures	SW H			100		
				66.2		MAGNESITE, light pale grey	FR VH	75				
				66.4		MAGNESITE, as for SW H above pink magnesite				80		
				66.7		MAGNESITE, pink to pale brown.	HWNL	60				
				66.8		MAGNESITE, as for above pink mag	SW H			100		
				66.9		MAGNESITE, pale pink	FR H VH	45				
				69.2		MAGNESITE, pale pink weathering to clay	HWNL	40				
				70.0		MAGNESITE, pale pink to pink.	SW H	40				
				73.0								
E.O.H.												

E.O.H.

See standard sheets for
 details of abbreviations
 & basis of descriptions



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