

Taroona Landslide Monitoring Installation

TIGER ID: DH25544

BORING LOCATION: Taroona Primary School

Coordinates (X,Y) 528747 5425436 MGA Zone 55

DRILLING CONTRACTOR: KMR Drilling

RL AND DATUM: 37.82m AHD

DRILLING METHOD: Rotary Diamond

Dip of hole (degrees) 87 Bearing (degrees) 285

DRILLING EQUIPMENT:

SAMPLING METHOD: Continuous core

CASING: HQ

TOTAL DEPTH (m): 23.7

DATE STARTED: 3/17/2008 DATE FINISHED: 3/19/2008

LOGGED BY: Colin Mazengarb

DEPTH (m)	Notes	strat unit	DESCRIPTION	DRILLING REMARKS
			NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	
0		Fill		
1				
2			GW. Gravels (<=5cm), sands and clay. Moist sticky plastic clay. Fill?	
3			SC. Clayey fine sand with minor coarse (,1%) grains and mixed with plastic clay. Dark grey to black. Buried soil A horizon	
4			GC. Gravelly clay. Very plastic, soft, mottled yellow-brown. Dolerite clasts <=70mm. Fining up 30% -5% gravel.	
5		Pleistocene alluvium-colluvium	same as above	
6			Clay.	Pebbles sticking to tube resulting in core loss
7			GW. Gravel with minor sand and clay. Reddish-brown rounded clasts. Clay matrix wet and soft.	
8			GW. Gravel with sandy clay matrix. Dolerite clasts <=8mm.	
9			GW. Gravel with sandy clay matrix.	
10				

Taroona Landslide Monitoring Installation

TIGER ID: DH25544

BORING LOCATION: Taroona Primary School

Coordinates (X,Y) 528747 5425436 MGA Zone 55

DRILLING CONTRACTOR: KMR Drilling

RL AND DATUM: 37.82m AHD

DRILLING METHOD: Rotary Diamond

Dip of hole (degrees) 87 Bearing (degrees) 285

DRILLING EQUIPMENT:

SAMPLING METHOD: Continuous core

CASING: HQ

TOTAL DEPTH (m): 23.7

DATE STARTED: 3/17/2008 DATE FINISHED: 3/19/2008

LOGGED BY: Colin Mazengarb

DEPTH (m)	Notes	strat unit	DESCRIPTION	DRILLING REMARKS
			NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	
10			GW. Gravel with sandy clay matrix.	Pressure locks affecting drilling progress
11			GW. Gravels in clay matrix, mottled red and green clasts in brown clay. Very wet and soft, highly plastic clay.	
12			Clay. Yellow-brown, highly plastic clay. Very moist and soft.	
			Clay. Reddish-yellow brown, clay. Lower plasticity than above	
13			Clay. olive-brown high plasticity clay with white <1cm rounded minerals in zones. Soft, moist, ?extremely weathered dolerite	
			Clay. olive-brown stiff clay, possibly extremely weathered dolerite	
14			Dolerite. 1-2mm crystalline dolerite. Slightly weathered. ?Kernel.	
			Clay. olive-brown stiff clay, possibly extremely weathered dolerite	
15			Dolerite. Slightly weathered dolerite (kernel). Sharp, low-angle contacts.	
			Clay. Highly weathered dolerite.	
			Dolerite. Slightly weathered dolerite (kernel?).	
16			Dolerite. Highly weathered.	
			Dolerite. Slightly weathered dolerite (kernel?) with sharp angular contacts.	
17		Jurassic Dolerite	Dolerite. Slightly weathered dolerite. No fractures. Sharp contacts.	
			Dolerite. Slightly weathered dolerite.	
18			CLAY. Dark green grey clay. Extremely weathered dolerite.	
19			Dolerite. Moderately to highly weathered. Less weathered, less green and darker than above.	
20				

PROJECT:

Taroona Landslide Monitoring Installation

Log of Well No. I08-01

TIGER ID: DH25544

BORING LOCATION: Taroona Primary School

Coordinates (X,Y) 528747 5425436 MGA Zone 55

DRILLING CONTRACTOR: KMR Drilling

RL AND DATUM: 37.82m AHD

DRILLING METHOD: Rotary Diamond

Dip of hole (degrees) 87 Bearing (degrees) 285

DRILLING EQUIPMENT:

SAMPLING METHOD: Continuous core

CASING: HQ

TOTAL DEPTH (m): 23.7

DATE STARTED: 3/17/2008 DATE FINISHED: 3/19/2008

LOGGED BY: Colin Mazengarb

DEPTH (m)	Notes	strat unit	DESCRIPTION	DRILLING REMARKS
			NAME (USCS): color, moist, % by wt., plast. density, structure, cementation, react. w/HCl, geo. inter.	
21			Dolerite. Olive-green to dark-green speckled, moderately to highly weathered.	
22			Dolerite. Moderately weathered dolerite.	
23			Dolerite. Slightly to moderately weathered.	
24				
25				
26				
27				
28				
29				
30				