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**Borehole Number:** BH 17-3

Commenced: 2/08/2011

Completed: 2/08/2011

Location: Site 17 (CH 43.77)

Easting: 475081.7 m

Northing: 7002960.7 m

Elevation: 512.7 m

Inclination: 90°

Elevation Datum: AHD

Sheet: 1 of 2

Client: Department of Transport and Main Roads

Project: Brisbane-Woodford Road Slip Repair

Project Number: 217132-001-02

File Name: GINT\_MONTVILLE-MAPLETON RD.GPJ

Drilling Information				Soil Description				Testing		Strata Information				
Groundwater	Drilling Method	Sample Type	Depth (m)	USC	Material Type; Colour; Plasticity or Particle Characteristics; Structure	Moisture Content	Consistency / Relative Density	Comments / Test Results / Origin	SPT Values	Graphic Log	Elevation (m AHD)	Depth (m)		
Not Observed	AT	SPT	(0.10)	(SM)	ASPHALT	D		ASPHALT			(512.60)	1		
				ROADBASE										
			(0.50)	(MH)	Clayey SILT			M			FILL			(512.20)
				Red brown with grey mottling, traces of fine to coarse sand and fine to medium grained sub rounded to sub angular gravel, high plasticity, stiff, moist									512	
			1											
			2											
			(2.50)		With grey streaking and orange and black nodules, with fine to coarse grained sub angular sand, with fine to medium grained angular to sub angular gravel				(510.20)	510	3			
			3							509				
			4		Trace sands, trace gravel, firm				(508.70)	4				
										508				

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	AT	U50		(MH)	Clayey SILT (As above)	M	VS VL	S L	F MD	SI D	VS VD		
										U50 @ 5.0 PP = >6.0, >6.0, >6.0kg/cm2 PP (avg) = >6.0kg/cm2			
		SPT	(5.50)	(MH)	Clayey SILT Red brown with grey streaking and orange and black nodules, with fine to medium grained angular to sub angular gravel, high plasticity, with rootlets, very stiff, moist	M			RESIDUAL	SPT @ 5.5m (6, 13, 26) N=39		(507.20)	507
			6									506	6
		SPT	7	(MH)	Clayey SILT Red Brown with grey streaking and orange and black nodules, high plasticity, trace rootlets, stiff, moist	M				SPT @ 7.0m (4, 9, 9) N=18		(505.70)	7
			8									505	8
		SPT	(8.50)	(MH)	Clayey SILT Light brown, high plasticity, hard, moist [PHYLLITE Highly foliated, extremely weathered, very low strength]	M			XW ROCK	SPT @ 8.5m (7, 13, 30/60mm) N*=88		(504.20)	504
			9										9
		SPT			End of Borehole (E.O.H) @ 9.64 m					SPT @ 9.6m (30/40mm) N*=225		503	

Driller: All-Tech Drilling

Remarks: -

Logged By: LE

Date Logged: 2/08/2011

Drill Type: Explorer 50

Support: Open hole

Checked By: MS

Date Checked: 6/09/2011