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Borehole Number: BH M1

Commenced: 11/08/2011

Completed: 11/08/2011

Location: Montville

Easting: 488005.8 m

Northing: 7049690.2 m

Elevation: 364.7 m

Inclination: 90°

Elevation Datum: AHD

Sheet: 1 of 2

Client: Department of Transport and Main Roads

Project: Montville-Mapleton Drive Slip Repair

Project Number: 217132-003-02

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	(0.04)	(SM)	Asphalt	M		ROADBASE			(364.66)	
			(0.20)	MH	Silty SAND Brown, fine to coarse grained, with fine to medium sub rounded gravels, medium dense, moist	M		FILL			(364.50)	
					Silty SAND Dark orange brown, fine to coarse grained, with fine to coarse grained sub rounded gravel, rootlets present, high plasticity fines, very loose to loose, moist							
			1					Emerson Class Number @ 1.0m - 4 Atterberg Limits LL (%) - 41 PL (%) - 32 LS (%) - 8.0	SPT @ 1.0m (1, 2, 2) N=4			1
			(1.50)		Rootlets absent						(363.20)	
									U50 @ 1.5m P.P - >6, >6, >6kg/m2 P.P avg. >6kg/m2		(363.90)	
			(1.80)	MH	Clayey SILT Green brown, with fine sand, high plasticity, very stiff, moist	M		RESIDUAL				2
			2					Emerson Class Number @ 2.0m - 4 Atterberg Limits LL (%) - 38 PL (%) - 28 LS (%) - 5.0	SPT @ 2.0 (7, 11, 13) N=24			
											(362.70)	
			3					XW ROCK	SPT @ 3.0 (25, 30/90mm) N*=100			3
				(MH)	Clayey SILT Green brown, high plasticity, with fine to coarse sub rounded to sub angular sand, trace fine angular gravel, hard [BASALT Green brown, fine grained, extremely weathered, very low strength]	M						
			4						SPT @ 4.0 (30/90mm) N*=100			4

Driller: Alltech Drilling

Remarks: -

Logged By: LE

Date Logged: 11/08/2011

Drill Type: Explorer 50

Support: Open hole

Checked By: MS

Date Checked: 7/09/2011

