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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

Commenced: 2/08/2011
 Completed: 2/08/2011
 Location: Site 27 (CH 53.88)
 Easting: 47882.3 m
 Northing: 7009618.7 m
 Elevation: 261.2 m
 Inclination: 90°

Elevation Datum: AHD
 Sheet: 1 of 3

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)	
													VS VL
Not Observed	AT		(0.10)	SM	ASPHALT Silty SAND Brown, fine to coarse grained, low plasticity, with fine to medium sub rounded gravel, medium dense, dry	D	[Green shaded area]	ASPHALT ROADBASE		[Graphic Log]	(261.10)	1	
			(0.50)	SM	Silty SAND Green brown with orange, black and yellow mottling and streaking, well graded, fine to coarse grained, low plasticity fines, loose, moist			FILL			(260.70)		
			1	SPT	Emerson Class Number @ 1.0m - 4 Atterberg Limits LL (%) - 30 PL (%) - 21 LS (%) - 3.0			SPT @ 1.0m (3, 3, 2) N=5			260		
			2	U50	(SM) Silty SAND Red brown with white and orange mottling, well graded, fine to coarse grained, low plasticity fines, medium dense to dense, residual material interbedded with 20% extremely weathered, extremely low strength phyllite			RESIDUAL/XW ROCK			U50 @ 2.0m PP = >6.0, >6.0, >6.0kg/cm2 PP (avg) = >6.0kg/cm2		(259.20) 259
			3	SPT	Emerson Class Number @ 2.5m - 4 Atterberg Limits LL (%) - 31 PL (%) - 22 LS (%) - 3.5			SPT @ 2.5m (2, 12, 18) N=30			258		
4	XW-HW	PHYLLITE Yellow brown with limonite and manganese staining, extremely to highly weathered, extremely low strength with extremely closely spaced foliations [Breaks down to silt, high plasticity, hard]	M	XW/HW ROCK	SPT @ 4.0m (6, 9, 21) N=30	(257.20) 257							

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



Borehole Number: BH 27-2

Commenced: 2/08/2011
 Completed: 2/08/2011
 Location: Site 27 (CH 53.88)
 Easting: 47882.3 m
 Northing: 7009618.7 m
 Elevation: 261.2 m
 Inclination: 90°

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Elevation Datum: AHD
 Sheet: 2 of 3

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)
	AT			XW-HW	PHYLLITE (As above)	M					256	
		SPT	5.50	HW	PHYLLITE Green brown, fine grained, highly weathered, low to medium strength [Breaks down to SILT High plasticity, hard]			HW ROCK	SPT @ 5.5m (30/40mm) N*=225		(255.70)	6
		SPT	7		Becoming low to medium strength				SPT @ 7.0m (30/30mm) N*=300		(254.20)	7
		SPT							SPT @ 8.5m (28, 30/30mm) N*=300		254	8
			9								253	9
											252	

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



Borehole Number: BH 27-2

Client: Department of Transport and Main Roads
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Sheet: 3 of 3

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)
	AT	SPT		XW-HW	PHYLLITE (As above) Becoming extremely to highly weathered, very low to low strength	M		XW/HW ROCK	SPT @ 10.0m (30/80mm) N*=113		251	11
			11								250	
			(11.50)								(249.70)	
		SPT		HW	Becoming highly weathered, low to medium strength End of Borehole (E.O.H) @ 11.53 m			HW ROCK	SPT @ 11.95m (30/30mm) N*=300			12
			12								249	
			13								248	13
			14								247	14

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