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Client: Department of Transport and Main Roads
 Project: NDRRA Wivenhoe-Somerset Road Slip Repair
 Project Number: 217132-004
 File Name: NDRRA_WIVENHOE-SOMERSET ROAD.GPJ

Commenced: 4/10/2011
 Completed: 4/10/2011
 Location: Wivenhoe-Somerset Rd, Lake Wivenhoe
 Easting: 465126.5 m
 Northing: 6969863.3 m
 Elevation: 57.2 m
 Inclination: 90°
 Elevation Datum: AHD
 Sheet: 1 of 2

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 S F St VS VL L MD D VD
Not Observed	AT	SPT	(0.05)	CH	ASPHALT Gravelly CLAY Yellow brown with red mottling and white speckles, fine to medium sub angular gravel, with fine to coarse sub angular sand, high plasticity, firm to stiff, moist	M		ASPHALT FILL			(57.15)	0	
			1					Emerson Class Number @ 1.0m - 2 Atterberg Limits LL (%) - 44 PL (%) - 22 LS (%) - 8.5	SPT @ 1.0m (4, 4, 6) N=10		56	1	
			2									55	2
			(2.50)			Brown grey with orange mottling and dark red speckles and yellow nodules, stiff				SPT @ 2.5m (4, 9, 6) N=15		(54.70)	3
			3							54	3		
			(3.60)	(CH)	Sandy CLAY Orange with yellow mottling, fine to coarse sub rounded sand, trace fine sub rounded gravel, high plasticity, very stiff, moist	M					(53.60)	4	
			4	(CH)	Gravelly CLAY Brown grey with dark red and orange mottling and grey streaking, fine to coarse sub angular sand, with fine sub angular gravel, high plasticity, hard, moist	M			SPT @ 4.0m (8, 21, 20) N=41		(53.20)	4	
											53		

Driller: Alltech Drilling Remarks: - Logged By: LE Date Logged: 4/10/2011
 Drill Type: Explorer 50 Support: Open hole Checked By: MS Date Checked: 9/12/2011



Borehole Number: BH2

Commenced: 4/10/2011
 Completed: 4/10/2011
 Location: Wivenhoe-Somerset Rd, Lake Wivenhoe
 Easting: 465126.5 m
 Northing: 6969863.3 m
 Elevation: 57.2 m
 Inclination: 90°

Client: Department of Transport and Main Roads
 Project: NDRRA Wivenhoe-Somerset Road Slip Repair
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Elevation Datum: AHD
 Sheet: 2 of 2

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 S F St VSt VL L MD D VD					
	AT			(CH)	Gravelly CLAY Brown grey with dark red and orange mottling and grey streaking, fine to coarse sub angular sand, with fine sub angular gravel, high plasticity, hard, moist(Continued)	M					52	
		SPT	(5.50)	CH	Sandy CLAY Brown orange with grey streaking, fine to coarse sub rounded to sub angular sand, with fine to medium sub rounded to sub angular gravel, stiff to very stiff, moist to wet, trace rootlets			Emerson Class Number @ 5.5m - 2 Atterberg Limits LL (%) - 37 PL (%) - 24 LS (%) - 7.0	SPT @ 5.5m (10, 10, 9) N=19		(51.70)	
			6									6
		SPT	7	XW	Sandy CLAY Brown orange with grey streaking, fine sub rounded to sub angular sand, trace fine angular gravel, very stiff, moist to wet [ARENITE, extremely weathered, extremely low strength]	M		XW ROCK	SPT @ 7.0 (8, 21, 14) N=35		(50.20)	7
			8	HW	Becoming hard [ARENITE, extremely weathered, low strength]	M		HW ROCK			(49.20)	8
		SPT			End of Borehole (E.O.H) @ 8.37 m				SPT @ 8.3 (30/70mm) N*=130		49	
			9								48	9

Driller: Alltech Drilling Remarks: - Logged By: LE Date Logged: 4/10/2011
 Drill Type: Explorer 50 Support: Open hole Checked By: MS Date Checked: 9/12/2011