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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: 465121.4 m
 Northing: 6969857.1 m
 Elevation: 57.4 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)
Not Observed	AT		(0.05)	(CH)	ASPHALT Gravelly CLAY Yellow brown with dark orange mottling and white speckles, fine to coarse sub angular sand, with fine to coarse sub angular gravel, high plasticity, very stiff, moist	M		ASPHALT FILL			(57.35)	
		SPT	1						SPT @ 1.0m (4, 7, 17) N=24		57	1
		U50	2						U50 @ 1.5m P.P - >6, >6, >6kg/m2 P.P avg. >6kg/m2		56	2
		SPT	(2.50)		Greenish yellow mottling, trace coarse angular gravel				SPT @ 2.5m (6, 19, 19) N=38		55 (54.90)	3
			(3.50)	(CH)	Sandy CLAY Orange with yellow mottling, fine to coarse sub rounded grains, trace fine sub rounded gravel, high plasticity, stiff, moist	M					54 (53.90)	
		SPT	4	(CH)	Gravelly CLAY Brown grey with dark red and orange mottling and white streaking, fine to coarse sub angular sand, with fine sub angular gravel, high plasticity, stiff, moist	M			SPT @ 4.0m (13, 7, 6) N=13		53 (53.40)	4

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: BH1

Commenced: 4/10/2011
 Completed: 4/10/2011
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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			(CH)	Sandy CLAY Brown, fine to coarse sub angular grains, with fine sub angular gravel, high plasticity, stiff, moist	M						
			(5.50)		Becoming wet	W			SPT @ 5.5m (3, 6, 6) N=12		52 (51.90)	
		SPT	6									6
			7	XW	Sandy CLAY Orange and grey mottling with yellow and white nodules and black speckles, fine to coarse sub angular grains, with fine sub angular gravel, high plasticity, very stiff, moist [ARENITE, extremely weathered, extremely low strength]	M		XW ROCK	SPT @ 7.0m (7, 13, 21) N=34		51 (50.40)	7
		SPT	8									8
			(8.50)		Orange with grey streaking, moist				SPT @ 8.5m (8, 10, 24) N=34		49 (48.90)	
		SPT	9									9
											48	

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: BH1

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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	11	HW	Becoming hard [ARENITE, highly weathered, low strength]	M		HW ROCK	SPT @ 10m (21, 28, 30/100mm) N*=73		47	11
		SPT			End of Borehole (E.O.H) @ 11.54 m				SPT @ 11.5m (30/40mm) N*=225		46	
			12								45	12
			13								44	13
			14								43	14

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