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GEOTECHNICAL REPORT



Project Name: C.O.W. 2008 Backlane Street Renewal

Client: GENIVAR

Date Drilled: June 12, 2008
Depth of Testhole: 2.1 m
Logged by: Aron Piamsalee

Site: Alley between Waterloo to Ash and Grosvenor to Kingsway

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Testhole Location: Station 4+00, 5 m N of N property line of 295 Ash St., center of alley

Subsurface Profile			Laboratory Testing
Depth (m)	Symbol	Description	Water Content (%) 0 20 40 60 80 1
		Ground Surface	
0.0-		Concrete	
-		Clay	
_		- black, firm, moist, high plasticity with trace granular at surface	43
0.5-		Clayey Silt - tan, firm, moist to saturated, low plasticity - silt below 0.8 m	35
1.0-		Clay	34
1.5-		- grey/brown, stiff, moist, high plasticity - silt inclusions below 1.8 m	43
2.0-			45
2.5-		 No water seepage upon completion of drilling Soil sloughing at 1.0 m upon completion of drilling Test hole terminated at 2.1 m 	



Project Name: C.O.W. 2008 Backlane Street Renewal

Client: GENIVAR

Date Drilled: June 12, 2008
Depth of Testhole: 2.4 m
Logged by: Aron Piamsalee

Site: Alley between Waterloo to Ash and Grosvenor to Kingsway Logged by: Aron Pia Testhole Location: Station 2+84, In line with the S property line of 341 Ash St, center of alley

		Subsurface Profile	Laboratory Testing
Depth (m)	Symbol	Description	Water Content (%) 0 20 40 60 80 100
0.0-		Ground Surface	
0.0-		Asphalt Concrete	
		Concrete	
-		Clay - black/grey, firm, moist, high plasticity	32
0.5- - -	- - - -	Clayey Silt - tan, firm, moist to saturated, low plasticity	28
1.0- - -		Clay - brown, stiff, moist, high plasticity - trace silt layer between 1.8 to 2.1 m	40
1.5- - -			45
2.0- - - -			49
2.5- - - -		 No water seepage upon completion of drilling Soil sloughing at 1.0 m upon completion of drilling Test hole terminated at 2.4 m 	



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Client: GENIVAR

Date Drilled: June 12, 2008
Depth of Testhole: 2.1 m
Logged by: Aron Piamsalee

Site: Alley between Waterloo to Ash and Grosvenor to Kingsway

Testhole Location: Station 1+61, In line with the S property line of 381 Ash St, center of alley

	Subsurface Profile			Laboratory Testing		
Depth (m)	Symbol	Description	0	W a	(%) 40 60	
0.0		Ground Surface				
0.0-	9700970	Asphalt Concrete	7[
-		Granular Base		21		
0.5-		Silty Clay - grey, soft to firm, intermediate plasticity		22		
1.0-	- -	Clayey Silt - tan, firm, saturated, low plasticity		23		
1.5-		Clay - brown, stiff, moist, high plasticity			44	
2.0-					49 51	
2.5-	-	 Water seepage observed from saturated granular Soil sloughing at 1.0 m upon completion of drilling Test hole terminated at 2.1 m 				



Project Name: C.O.W. 2008 Backlane Street Renewal

Client: GENIVAR

Date Drilled: June 12, 2008
Depth of Testhole: 2.3 m
Logged by: Aron Piamsalee

Site: Alley btwn Kingsway to Harvard and Cambridge to Rockwood Logged by: Aron Piamsale Testhole Location: Station 1+17, In line with property line of 277 / 279 Harvard Ave., center of lane

Subsurface Profile			Laboratory Testing		
Depth (m)	Symbol	Description	Water Content (%) 0 20 40 60 80 100		
0.0		Ground Surface			
0.0-		Concrete			
		Clay - black, firm, moist, high plasticity	31		
0.5- - -	-	Clayey Silt - tan, firm, moist, low plasticity	25		
1.0- - -		Clay - brown, stiff, moist, high plasticity, with layers of silt to 1.0 m	32		
1.5- - -			29		
2.0-	- - - - -	Clayey Silt - tan, firm, moist, low plasticity	24		
2.5- -	-	 No water seepage or sloughing were observed during or upon completion of drilling. Testhole terminated at 2.3 m 			

Testhole Location: Station 4+06, In line with the south property line of 300 Oak Street



Project Name: C.O.W. 2008 Backlane Street Renewal

Client: GENIVAR

Date Drilled: June 12, 2008 Depth of Testhole: 2.1 m

Site: Alley between Oak to Elm St. and Grosvenor to Kingsway Ave. Logged by: Aron Piamsalee

Subsurface Profile			Lab	oratory Te	sting	
Depth (m)	Symbol	Description		V	Vater Cont (%)) 40 60	
0.0		Ground Surface				
0.0-		Concrete				
-		Clay - black, firm,moist, high plasticity				
0.5-		Silt - tan, soft, moist, low plasticity		2	2	
1.0-		Clay - brown, stiff, moist, high plasticity - traces of silt between 1.5 m and 1.7 m			37	
1.5- - - -					37	
2.0-					47	
- - 2.5	- - -	 No water seepage or sloughing observed during or upon completion of drilling. Testhole terminated at 2.1 m. 				



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Client: GENIVAR

Date Drilled: June 12, 2008
Depth of Testhole: 2.3 m

Site: Alley between Oak to Elm St. and Grosvenor to Kingsway Ave. Logged by: Aron Piamsalee Testhole Location: Station 2+83, In line with the north property line of 344 Oak Street, center of alley

		Subsurface Profile	Laboratory Testing
Depth (m)	Symbol	Description	Water Content (%) 0 20 40 60 80 100
		Ground Surface	
0.0- - -		Clay - black, firm, moist, high plasticity	37
0.5- - - -		- grey, stiff below 0.8 m - brown below 1.2 m - thin silt seam between 1.2 m and 1.4 m	36
1.0- - - -			33
1.5- - - -			43
2.0-		No water seepage or sloughing were observed during or upon completion of drilling.	48
2.5-		completion of drilling. • Testhole terminated at 2.3 m.	



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Depth of Testhole: 2.1 m

Site: Alley between Oak to Elm St. and Grosvenor to Kingsway Ave. Logged by: Aron Piamsalee Testhole Location: Station 1+60, In line with the north property line of 384 Oak St., center of alley

	Subsurface Profile		Laboratory Testing
Depth (m)	Symbol	Description	Water Content (%) 0 20 40 60 80 100
0.0		Ground Surface	
0.0-		Concrete	
_	200200	Granular Base	
- 0.5-		Silty Clay - black to grey, firm, moist, high plasticity, silty	29
-		Clayey Silt - tan, firm, moist, intermediate plasticity,	24
1.0- - - -		Clay - grey to brown, stiff, moist, high plasticity - trace silt layers between 1.7 m and 1.8 m	31
1.5- - - -			43 46
2.0- - -			48
- -2.5	-	 No water seepage or sloughing were observed during or upon completion of drilling. Testhole terminated at 2.1 m. 	