APPENDIX 'A' GEOTECHNICAL REPORT

Table 1Summary of Pavement Structure

Genivar 2008 - 2009 Streets Reconstruction Program – Pavement Coring and Geotechnical Investigations

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Test Hole No.	Testhole Location	Pavement Surface		Pavement Structure Material		Subgrade	Sample	Moisture	Hydrometer Analysis				,	Atterberg Limits		
		Туре	Thickness (mm)	Туре	Thickness (mm)	Description	Depth (m)	Content (%)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	Liquid Limit	Plastic Limit	Plasticity Index	
													d			
1	Desautels / Deschambault Streets Alley	-	_	Sandy Granular Fill	50	Silty Sand (fill)	0.15	12.7								
							0.50	12.2								
						Clayey Silt (fill)	0.76	41.8								
						Clay	1.00	39.6								
							1.52	41.3								
							1.83	38.6								
							2.13	42.7								
2	Desautels / Deschambault Streets Alley	_	-	Sandy Granular Fill	100	Silty Sand (fill)	0.15	11.3								
						Clayey Silt (fill)	0.50	24.7								
							0.76	26.3	0.0	10.2	51.3	38.5	46.0	22.0	24.0	
						Clay	1.00	37.8								
							1.52	36.4								
							1.83	40.2								
							2.13	38.7								

P: 2008/PROJECTS\035(Genivar)\02(2008-2009_Street_Reconstruction_Program)\Desautels-Deschambault\Geo Invest\Table 1 - Pavement Summary_Desautels_Deschambault_Alley(Final).rtf

Table 1Summary of Pavement Structure

Genivar 2008 - 2009 Streets Reconstruction Program – Pavement Coring and Geotechnical Investigations

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`Γest I+lole No.	Testhole Location	Pavement Surface		Pavement Structure Material		Subgrade	Sample	Moisture	Hydrometer Analysis				,	Atterberg Limits		
		Туре	Thickness (mm)	Туре	Thickness (mm)	Description	Depth (m)	(m) Content (%)	Gravel (%)	Sand (%)	Silt (%)	Clay (%)	Liquid Limit	Plastic Limit	Plasticity Index	
							·									
3	Desautels / Deschambault Streets Alley	-	-	Sandy Granular Fill	50	Silty Sand (fill)	0.15	15.6								
						Clayey Silt (fill)	0.50	39.1								
							0.76	47.0								
						Clay	1.00	34.7								
							1.52	34.7								
							1.83	43.3								
							2.13	43.5								
4	Desautels / Deschambault Streets Alley	-	-	Sandy Granular Fill	75	Silty Sand (fill)	0.15	10.6								
							0.50	17.6	0.0	45.2	33.5	21.3	36.2	23.1	13.1	
						Clayey Silt (fill)	0.76	38.3								
						Clay	1.00	35.4								
							1.52	36.3								
							1.83	40.2								
							2.13	42.2								

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Table 1Summary of Pavement Structure

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Genivar 2008 – 2009 Streets Reconstruction Program – Pavement Coring and Geotechnical Investigations

Pavement Surface Test Pavement Structure Material Hydrometer Analysis Atterberg Limits Subgrade Sample Moisture Testhole Location Flole Description Depth (m) Thickness Thickness Content (%) Silt Gravel Sand Clay Liquid Plastic Plasticity No. Type Type (mm) (mm) (%) (%) (%) (%) Limit Limit Index Silty Sand 0.15 16.6 (fill) 0.50 29.8 Clayey Silt (fill) 0.76 36.4 Desautels / Sandy 30.4 5 Deschambault 25 1.00 -_ Granular Fill Streets Alley Clay 1.52 32.2 1.83 40.2 Silty Clay 2.13 38.5

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