RECORD OF TEST PITS

July 21, 2004 04-1440-145

Test Pit No.	Depth (m)	Description	Sample/ Depth (m)
TP 1	0.0 – 0.8	Firm to stiff dark brown desiccated silty **CLAY**, trace silt with organics at the surface.	Sa 1 @ 0.5m MC=15.4%
	0.8 – 1.6	Stiff to very stiff brown grey fissured silty **CLAY**, occasional light brown silt lenses.	Sa 2 @ 1.6m MC=34.4%
TP 2	0.0 – 0.1	Firm to stiff dark brown organic silty **CLAY**.	
	0.1 – 0.9	Stiff to very stiff brown desiccated silty **CLAY**, with white precipitate residue.	
	0.9 – 2.1	Loose to compact dark brown sharp and irregular shaped **COBBLES**, trace to some sandy silt. (**Talus, slope wash**)	
	2.1 – 2.4	Loose to compact mottled brown silty **SAND**, some gravel with dark brown organic silt pockets throughout.	Sa @ 2.3m MC=14.2%
TP 3	0.0 – 0.6	Firm dark brown clayey **SILT** with organics at the surface.	
	0.6 – 1.1	Firm to stiff brown desiccated silty **CLAY**, trace silt.	
	1.1 – 3.0	Stiff brown layered moderately fissured silty **CLAY,** trace light brown silt lenses and brown fine sand pockets.	Sa 1 @ 2.0m MC=38.6%
	3.0 – 3.3	Loose to compact oxidized brown medium **SAND**, some gravel, trace silt.	Sa 2 @ 3.2m MC=15.4%
		Near groundwater seepage conditions noted with existing water valve and vent pipe noted approximately 10 north from test pit location.	

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Test Pit No.	Depth (m)	Description	Sample/ Depth (m)
TP 4	0.0 – 0.2	Firm dark brown clayey **SILT** with organics at the surface.	
	0.2 – 0.6	Firm to stiff desiccated silty **CLAY**, trace silt.	
	0.6 – 1.7	Compact to dense brown silty **SAND** and **GRAVEL** with cobbles and boulders.	Sa 1 @ 1.7m MC=9.1%
	1.7 – 2.3	Compact interlayered brown slightly oxidized silty fine **SAND** and brown sandy **SILT**, trace gravel.	Sa 2 @ 2.1m MC=15.9%
		Near seepage conditions with increasing depth.	
TP 5	0.0 – 0.8	Firm to stiff brown silty **CLAY** with organics at the surface and occasional pieces of concrete. **(FILL)**	
	0.8 – 3.0	Compact to dense brown grey gravelly **SAND**, some silt with cobbles. (**Till-like**)	Sa 1 @ 1.5m MC=6.5%
TP 6	0.0 – 0.3	Loose dark brown organic **SILT**. (**TOPSOIL**)	
	0.3 – 0.7	Firm to stiff dark brown fissured silty **CLAY**, some silt with a porehole structure.	
	0.7 – 2.2	Compact to dense brown grey gravelly silty **SAND**, with cobbles. (**Till-like**)	Sa 1 @ 1.3m MC=4.9%
TP 7	0.0 – 0.5	Loose dark brown organic **SILT**. (**TOPSOIL**)	
	0.5 – 1.6	Compact light brown silty **SAND** and **GRAVEL** with cobbles grading to a light brown sandy **SILT** and **GRAVEL** with cobbles.	Sa 1 @ 1.4m MC=3.8%
	1.6 – 2.9	Compact to dense brown-grey **SAND** and **GRAVEL**, some silt with cobbles. (**Till-like**)	

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Test Pit No.	**Depth (m)**	Description	**Sample/ Depth (m)**
TP 8	0.0 – 0.1	Loose dark brown organic **SILT**. (**TOPSOIL**)	
	0.1 – 0.8	Loose to compact light brown fine sandy **SILT** and **GRAVEL** with cobbles and boulders grading to a silty fine **SAND** and **GRAVEL**.	
	0.8 – 2. 0	Compact to dense brown grey **SAND** and **GRAVEL**, some silt with cobbles. (**Till-like**)	
TP 9	0.0 – 0.9	Loose brown silty **SAND** and **GRAVEL** mixed with grey silty **SAND** and **GRAVEL** with cobbles. **(FILL)**	
	0.9 – 2.8	Compact brown **SAND** and **GRAVEL**, trace silt grading to a gravelly **SAND**, trace silt with cobbles.	Sa 1 @ 1.8m MC=4.5%
	2.8 – 3.2	Compact oxidized brown medium gravelly **SAND**.	Sa 2 @ 3.0m MC=5.7%
TP 10	0.0 – 0.3	Loose to compact brown **SAND** and **GRAVEL**, trace to some silt.	
	0.3 – 1.7	Compact to dense brown grey gravelly **SAND** trace to some silt grading to a **SAND** and **GRAVEL** with a trace to some silt and cobbles. (**Till-like**)	

RECORD OF TEST PITS

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Test Pit No.	Depth (m)	Description	Sample/ Depth (m)
TP 11	0.0 – 0.3	Loose to compact brown sandy **GRAVEL**, trace silt with organics at the surface. (**FILL**)	
	0.3 – 1.5	Loose to compact dark brown sandy **SILT** and **GRAVEL** with cobbles and boulders intermixed with brown silty **SAND** and **GRAVEL**. (**FILL**)	
	1.5 – 2.7	Compact to dense brown grey **SAND** and **GRAVEL**, some silt with cobbles.	Sa 1 @ 2.2m MC=7.7%

NOTES:

1) No groundwater seepage encountered within any of the excavated test pits at the time of the investigation unless otherwise noted.
2) MC=7.8% indicates laboratory moisture content determination of the representative sample collected at the referenced sample number and depth.