

TEST PIT SUMMARY



| PROJECT: | | Rieske Pit | | EXCAVATOR: | | John Deere 160LC | | | | | | | | | | | | | | |
|-----------------|---------------|----------------------|-----|---------------------|---------------------|-----------------------------|--------------------|--------------------|-------------------------|-----------------|---------------------|----------------------|--------------------|--------|-----------------|--------------|----------------------------|---------|----------------------|-------------------|
| AREA: | | Near Hudson Hope, BC | | DATE: | | April 4/5, 2005 | | | | | | | | | | | | | | |
| TEST PIT NUMBER | SAMPLE NUMBER | DEPTH (m) | | LAYER THICKNESS (m) | SOIL CLASSIFICATION | FIELD VISUAL IDENTIFICATION | | | LABORATORY TEST RESULTS | | | | | | | PHOTO NUMBER | | | | |
| | | From | To | | | FINES < 0.075 mm (%) | SAND < 4.75 mm (%) | GRAVEL < 75 mm (%) | ADDITIONAL OVERSIZE | WATER TABLE (m) | SOIL CLASSIFICATION | FINES < 0.075 mm (%) | SAND < 4.75 mm (%) | GRAVEL | SAND EQUIVALENT | | MICRO-DEVAL %coarse/%fines | DEGRADE | MgSO4 %coarse/%fines | B.R.D course/fine |
| | | | | | | > 75 mm (%) | MAX SIZE (mm) | | | | | < 25 mm (%) | 25 - 75 mm (%) | | | | | | | |
| TP05-01 | 1 | 0 | 1.6 | 1.6 | GP | 12 | 300 | - | | | | | | | | | | | | 4 |
| | | 1.6 | 3.0 | 1.4 | ML | 63 | | | | | | | | | | | | | | |
| TP05-02 | 1 | 0 | 2.0 | 2.0 | GP | 10 | 300 | - | | | | | | | | | | | | 5 |
| | 2 | 2.0 | 2.5 | 0.5 | ML | 57 | | | | | | | | | | | | | | |
| | | 2.5 | 3.7 | 1.2 | GM1 | 30 | 150 | | | | | | | | | | | | | |
| TP05-03 | 1 | 0 | 0.6 | 0.6 | SP | 0 | | - | | | | | | | | | | | | 6 |
| | 1 | 0.6 | 1.9 | 1.3 | GP | 47 | 300 | | | | | | | | | | | | | |
| | 2 | 1.9 | 4.6 | 2.7 | GP | 35 | 500 | | | | | | | | | | | | | |
| | | 2 | 4.6 | 2.7 | GP | 62 | | | | | | | | | | | | | | |
| TP05-04 | 1 | 0 | 0.5 | 0.5 | FILL | 15 | | - | | | | | | | | | | | | 7 |
| | | 0.5 | 4.9 | 4.4 | GP | 30 | 200 | | | | | | | | | | | | | |
| TP05-05 | 1 | 0 | 0.1 | 0.1 | TS | 8 | | - | | | | | | | | | | | | 8 |
| | | 0.1 | 0.4 | 0.3 | ML | 67 | | | | | | | | | | | | | | |
| | | 0.4 | 1.8 | 1.4 | SP | 3 | | | | | | | | | | | | | | |
| | 1 | 1.8 | 4.4 | 2.6 | GP-GM | 90 | 150 | | | | | | | | | | | | | |
| | | 0 | 0.1 | 0.1 | TS | 8 | | | | | | | | | | | | | | |
| TP05-06 | 1 | 0 | 0.1 | 0.1 | ML | 3 | | - | | | | | | | | | | | | 9 |
| | | 0.1 | 0.6 | 0.5 | ML | 2 | | | | | | | | | | | | | | |
| | 1 | 0.6 | 3.3 | 2.7 | GP | 46 | 150 | | | | | | | | | | | | | |
| | 2 | 3.3 | 4.6 | 1.3 | GP-GM | 25 | 250 | | | | | | | | | | | | | |
| | | | | | GP | 27 | | | | | | | | | | | | | | |

COMMENTS: OB=Overburden (Typically consists of topsoil, roots and weathered mineral soils); BR=Bedrock
Soil classifications are based on the attached Modified Unified Classification System for soils.

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| PROJECT: | | Rieske Pit | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|----------------------|-----|---------------------|---------------------|----------------------|--------------------|--------------------|---------------------|---------------|-----------------|---------------------|----------------------|--------------------|-------------|----------------|-----------------|-------------------------------|---------|-------------------------|----------------------|------------------------------|--------------|---------|
| AREA: | | Near Hudson Hope, BC | | | | | | | | | | | | | | | | | | | | | | |
| EXCAVATOR: | | John Deere 160LC | | | | | | | | | | | | | | | | | | | | | | |
| DATE: | | April 4/5, 2005 | | | | | | | | | | | | | | | | | | | | | | |
| TEST PIT NUMBER | SAMPLE NUMBER | DEPTH (m) | | LAYER THICKNESS (m) | SOIL CLASSIFICATION | FINES < 0.075 mm (%) | SAND < 4.75 mm (%) | GRAVEL < 75 mm (%) | ADDITIONAL OVERSIZE | | WATER TABLE (m) | SOIL CLASSIFICATION | FINES < 0.075 mm (%) | SAND < 4.75 mm (%) | GRAVEL | | SAND EQUIVALENT | MICRO-DEVAL %coarse/%fines | DEGRADE | MgSO4 %coarse/%fines | B.R.D course/fine | ABSORPTION %coarse/5fines | PHOTO NUMBER | |
| | | From | To | | | | | | > 75 mm (%) | MAX SIZE (mm) | | | | | < 25 mm (%) | 25 - 75 mm (%) | | | | | | | | |
| TP05-11 | 1 | 0 | 0.1 | 0.1 | TS | | | | | | | | | | | | | | | | | | | 14 |
| | | 0.1 | 0.5 | 0.4 | SM3 | | | | | | | | | | | | | | | | | | | |
| TP05-12 | 1 | 0 | 0.1 | 0.1 | TS | | | | | | | | | | | | | | | | | | | 15 |
| | | 0.1 | 0.6 | 0.5 | GM3 | | | | | | | | | | | | | | | | | | | |
| | 1 | 0.6 | 1.5 | 0.9 | GP | 3 | 39 | 58 | 10 | 200 | | | | | | | | | | | | | | |
| | | 1.5 | 3.8 | 1.3 | GP | 3 | 35 | 63 | 15 | 200 | | GP | 4 | 46 | 22 | 28 | 44 | 18/19 | 16 | | | | 2.6/2.6 | 1.5/1.8 |
| TP05-13 | 1 | 3.8 | 5.0 | 1.2 | GP | 3 | 39 | 58 | 8 | 150 | | | | | | | | | | | | | | 16 |
| | | 0 | 0.1 | 0.1 | TS | | | | | | | | | | | | | | | | | | | |
| | 1 | 0.1 | 0.5 | 0.4 | GM4 | | | | | | | | | | | | | | | | | | | 17 |
| | | 0.5 | 1.8 | 1.3 | GP | 3 | 38 | 59 | 12 | 250 | | | | | | | | | | | | | | |
| TP05-14 | 1 | 1.8 | 4.0 | 2.2 | GP | 3 | 45 | 52 | 5 | 200 | | GP | 4 | 47 | 27 | 22 | | | | | | | | 17 |
| | | 0 | 0.2 | 0.2 | TS | | | | | | | | | | | | | | | | | | | |
| | 1 | 0.2 | 0.6 | 0.4 | GM4 | | | | | | | | | | | | | | | | | | | 17 |
| | | 0.6 | 5.0 | 4.4 | GP-GM | 5 | 39 | 56 | 20 | 400 | | | | | | | | | | | | | | |

COMMENTS: OB=Overburden (Typically consists of topsoil, roots and weathered mineral soils); BR=Bedrock
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