



Soil Series

| Soil Series | Soil Series Name | Construction Constraint |
|-------------|------------------|--|
| Am | Amulet | None |
| Aq | Asquith | Trench Instability |
| Bg | Bigger | Trench Instability |
| coAm | Amulet | High Coarse Fragment |
| cogrOx | Oxbow | Trench Instability |
| coMw | Meadow | Susceptible To Compaction And Trench Instability; High Coarse Fragment |
| coOx | Oxbow | Trench Instability; High Coarse Fragment |
| costWs | Whilesand | Trench Instability; High Coarse Fragment; Surface Stones |
| coWs | Whilesand | Trench Instability; High Coarse Fragment |
| DISTURBED | DISTURBED | N/A |
| EW | Elstow | None |
| glAm | Amulet | Susceptible To Compaction And Trench Instability |
| glMe | Meota | Susceptible To Compaction And Trench Instability |
| glOx | Oxbow | Susceptible To Compaction And Trench Instability; High Coarse Fragment |
| glstOx | Oxbow | Susceptible To Compaction And Trench Instability; Surface Stones |
| glWs | Whilesand | Susceptible To Compaction And Trench Instability |
| glxtAq | Asquith | Susceptible To Compaction And Trench Instability |
| glxtEw | Elstow | Susceptible To Compaction And Trench Instability |
| glxtMe | Meota | Susceptible To Compaction And Trench Instability |
| grAm | Amulet | Trench Instability |
| grOx | Oxbow | Trench Instability |
| grstMw | Meadow | Susceptible To Compaction And Trench Instability; Surface Stones |
| grWs | Whilesand | Trench Instability |
| Me | Meota | Trench Instability |
| Mw | Meadow | Susceptible To Compaction And Trench Instability |
| Ox | Oxbow | None |
| RB | ROUGH BROKEN | None |
| saAm | Amulet | Susceptible To Compaction And Trench Instability |
| saBk | Brooking | Susceptible To Compaction And Trench Instability |
| saMw | Meadow | Susceptible To Compaction And Trench Instability |
| saOx | Oxbow | Susceptible To Compaction And Trench Instability |
| sastOx | Oxbow | Susceptible To Compaction And Trench Instability; Surface Stones |
| sastWs | Whilesand | Susceptible To Compaction And Trench Instability; Surface Stones |
| SC | STREAM CHANNEL | None |
| scAm | Amulet | Saline Subsoil |
| sccoAm | Amulet | Trench Instability; High Coarse Fragment; Saline Subsoil |
| sccoOx | Oxbow | Trench Instability; High Coarse Fragment; Saline Subsoil |
| scFg | Forget | Trench Instability; Saline Subsoil |
| scglAm | Amulet | Susceptible To Compaction And Trench Instability; Saline Subsoil |
| scglOx | Oxbow | Susceptible To Compaction And Trench Instability |
| scOx | Oxbow | Saline Subsoil |
| scaAm | Amulet | Susceptible To Compaction And Trench Instability; Saline Subsoil |
| scsacBk | Brooking | Susceptible To Compaction And Trench Instability; High Coarse Fragment; Saline Subsoil |
| scsagrxAq | Asquith | Susceptible To Compaction And Trench Instability; Saline Subsoil |
| scsOx | Oxbow | Susceptible To Compaction And Trench Instability; Saline Subsoil |
| scsastAq | Asquith | Susceptible To Compaction And Trench Instability; Saline Subsoil |
| scsastOx | Oxbow | Saline Subsoil; Surface Stones |
| sctAm | Amulet | Saline Subsoil; Surface Stones |
| sctOx | Oxbow | Saline Subsoil; Surface Stones |
| Sf | Swift Creek | Trench Instability |
| stAm | Amulet | Surface Stones |
| stAq | Asquith | Trench Instability; Surface Stones |
| stcoOx | Oxbow | Trench Instability; High Coarse Fragment; Surface Stones |
| stMw | Meadow | Susceptible To Compaction And Trench Instability; Surface Stones |
| stOx | Oxbow | Surface Stones |
| WATER | WATER | N/A |
| Ws | Whilesand | Trench Instability |
| xgOx | Oxbow | Trench Instability; High Coarse Fragment |
| xtAq | Asquith | Trench Instability; Susceptible To Wind Erosion |
| xtMe | Meota | Trench Instability |
| ysOx | Oxbow | Trench Instability |

Index Map

ENBRIDGE
BAKKEN PIPELINE PROJECT (BPP)
CANADA

Project Code: 10309-514
Senior: LP
Technical: SL
Drawn by: WR

Date: 11/01/06
Date: 11/01/06
Date: 11/01/06

Reference: 1:50,000 Base Features obtained from GeoGratis used under license. LIDAR data obtained from Enbridge used under license (vertical accuracy 30 cm; horizontal accuracy 45 cm)
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**SOIL VEGETATION AND WETLAND SETTING
ALONG THE BAKKEN PIPELINE
PLATE 59 OF 90**

FIGURE C.59



