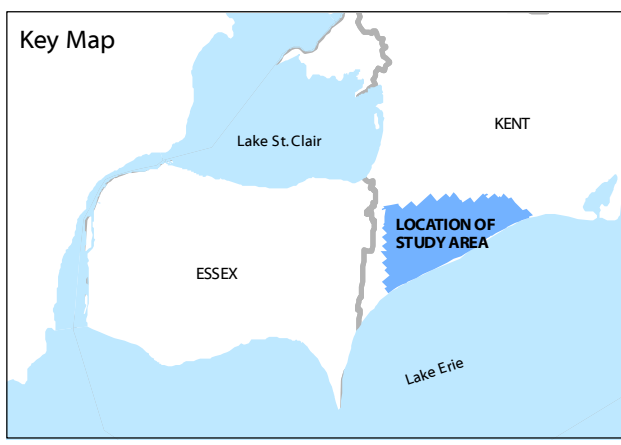


- Soil Classifications**
- Brookston:  
Deep fine to very fine texture glacial till material, poor natural drainage
  - Brookston - Compacted Phase:  
Deep fine to very fine texture glacial till material, subsurface materials are naturally very compact, poor natural drainage
  - Brookston - Loamy Phase:  
Deep fine to very fine texture glacial till material. Surface consists of 15 to 40 cm loamy material, poor natural drainage
  - Gobles:  
Deep fine to very fine texture glacial till material, imperfect natural drainage
  - Gobles - Washed Phase:  
Deep fine to very fine texture glacial till material. Contains layers of medium textured till, imperfect natural drainage
  - Highgate:  
Less than 100 cm coarse textured material overlying gravelly coarse textured beach material, imperfect natural drainage
  - Perth:  
Deep fine to very fine texture glacial till material, imperfect natural drainage
  - Tavistock - Till Phase:  
40 to 100 cm medium textured material overlying fine to very fine textured till, imperfect natural drainage
  - Not Mapped

- Soil Classifications**
- Kelvin:  
Deep fine to very fine texture glacial till material, poor natural drainage
  - Kintyre:  
Less than 100 cm coarse textured material overlying gravelly coarse textured beach material, rapid natural drainage
  - Kintyre - Till Phase:  
Less than 100 cm coarse textured material overlying gravelly coarse textured beach material. Presence of fine textured till substratus at depth of 40 to 100 cm, naturally well drained

- Study Area Boundary
- Proposed Turbine Locations
- Switchyards and Interconnects**
- UG/OH Interconnection
- Proposed Substation 34.5/230kV
- Switchyard (connection to HONI Grid @ 230kV)
- Proposed Transmission Lines**
- 230kV Overhead Line
- 34.5kV Overhead Line
- 34.5kV Underground Line



**Kruger Energy**

**Stantec**

DATE: AUGUST, 2006

DATE EDITED: DECEMBER, 2006

FIGURE NO. **C5**

## SOIL TYPES

PROJECT NAME & NUMBER		PROJECT NUMBER	
PORT ALMA WIND POWER PROJECT		60960114	
REV. NO.	SHEET NO.	CHECKED BY:	SCALE:
0	1 OF 1	MK	1:100,000
			DRAWN BY:
			JLW

Sources:  
Land Information Ontario, 2006.