



**ENVIRONMENTAL ASSESSMENT REPORT FOR THE PHASE 1
NEW TRANSMISSION LINE TO PICKLE LAKE PROJECT
SECTION 6.0: BIOLOGICAL ENVIRONMENT BASELINE
CHARACTERIZATION AND EFFECTS ASSESSMENT**

APPENDIX 6.1C

Land Cover 2000 Definitions

Table 6.1C-1: Land Cover 2000 Type Definitions

LC_Type	Description ^(a)
Bedrock	Exposed bedrock, lacking vegetation cover.
Bog – open	Bogs generally lacking tree cover.
Bog – treed	Bogs supporting a sparse to dense cover of trees.
Fen – open	Fens generally lacking tree cover that may support some shrub cover and tamarack. Open fens include fens with an open water surface, graminoid fens, pattern fens, and shrub-rich fens.
Fen – treed	Fens supporting a sparse to dense cover of trees or shrubs.
Forest – dense coniferous	Largely continuous forest canopy composed primarily of coniferous species.
Forest – dense deciduous	Largely continuous forest canopy composed primarily of deciduous species.
Forest – dense mixed	Largely continuous forest canopy composed of both deciduous and coniferous species. In more northerly areas, a greater component of coniferous species can be expected; in more southerly areas, a greater component of deciduous species can be expected.
Forest – regenerating depletion	Old burns supporting very sparse vegetation.
Forest – sparse	A patchy or sparse forest canopy composed of coniferous or deciduous species or a combination of the two.
Forest Depletion – burns	Forest burns estimated to be less than 10 years of age.
Forest Depletion – cuts	Forest clearcuts estimated to be less than 10 years of age.
OHN Waterbody ^(b)	The location of waterbodies in Ontario as part of the Ontario Hydro Network (OHN). Waterbody types include: Lake, River, Canal, Reservoir, Kettle Lake, Pond, Beaver Pond, and Ocean.
Other – unknown	Landcover conditions not accurately defined by any other landcover class. This class includes the following: undefined clearings in disturbed areas; cloud and shadow; small, unburned areas within recent burns; and undefined transitional areas between classes, such as some wetland boundaries.
Sand/Gravel/Mine Tailings	Beach deposits, aggregate quarries and sand dunes; mines and mine tailings.
Settlement/Infrastructure	Clearings for human settlement and economic activity; major transportation routes.
Water – deep clear	Deep or clear waterbodies.
Water – shallow/sedimented	Shallow waterbodies and waterbodies with a high concentration of suspended sediment.

a) Spectranalysis Inc. 2004. Introduction to the Ontario Land Cover Database, 2nd Edition (2000): Outline of Production Methodology and Description of 27 Land Cover Classes. Available at: <https://www.sse.gov.on.ca/sites/MNR-PublicDocs/EN/CMID/Provincial%20Landcover%202000%20Edition%20Report%20-%2027%20Classes.pdf>. Accessed January 17, 2017.

b): Government of Ontario. 2017. Data Catalogue: Ontario Hydro Network – Waterbody. Available at: <https://www.ontario.ca/data/ontario-hydro-network-waterbody>. Accessed January 17, 2017.

