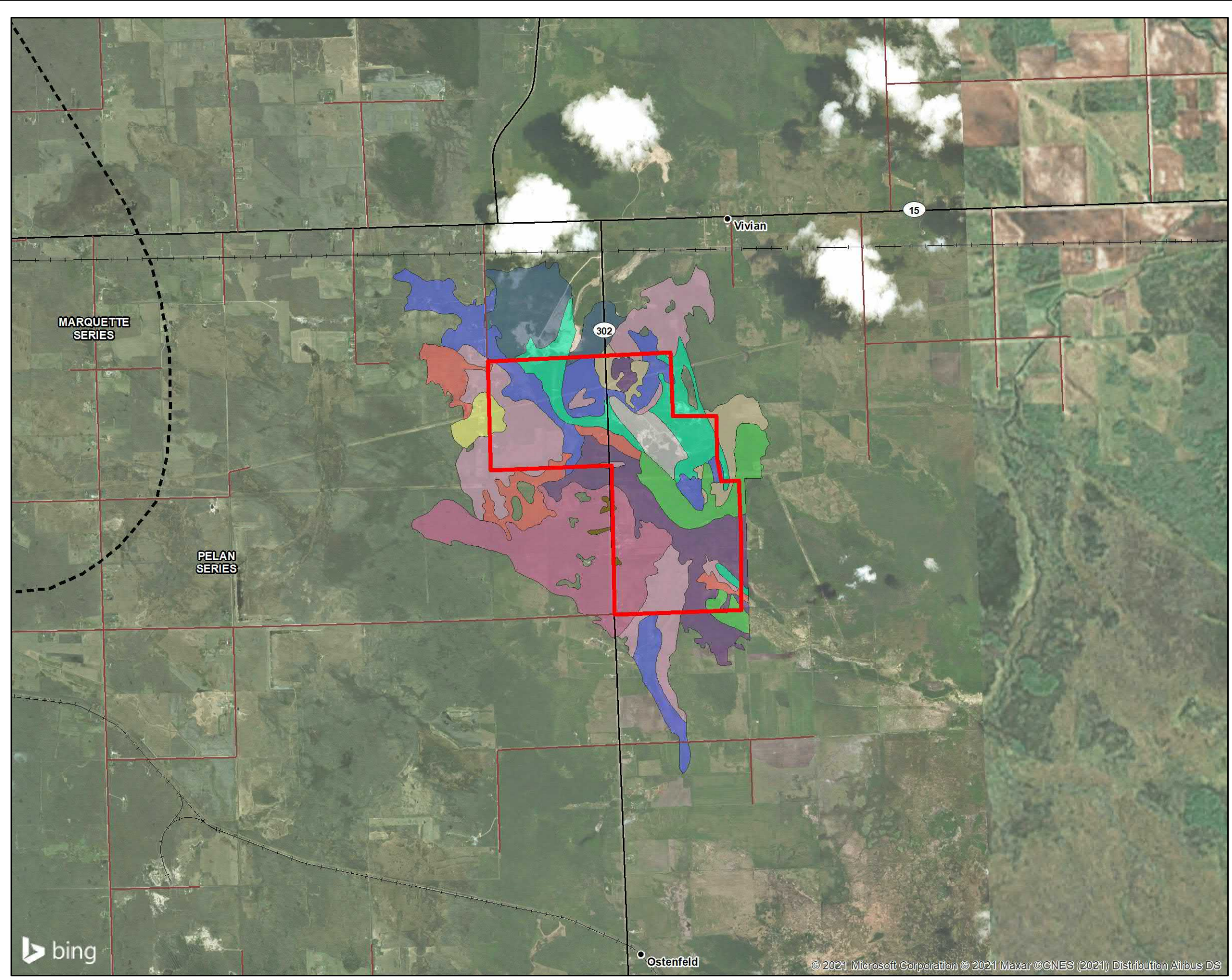


Appendix D

**Soil Characteristics in the Project Site
Area**

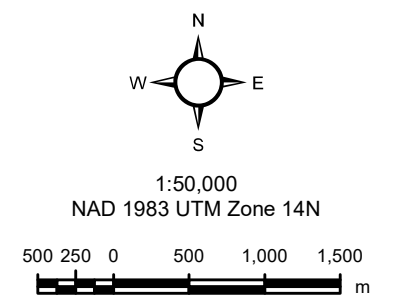
Last saved by: STEPHANIE CLARK (2021-07-07) Last Plotted: Wed Jul 07, 2021
 Filename: L:\GIS\STEPHANIE CLARKE\WINNIPEG\WIVIAN_60625666\02_MXD\WIVIAN SAND EXTRACTION PROJECT - EALLH00D_60625666_EXTRACTION_SOILS.MXD
 Project Management Initials: Designer: Checked: Approved: ANSI B 279.4mm x 431.8mm



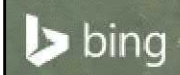
Legend

- Project Site Area
- Soil Name ***
- Aneda
- Beaverdam Lake
- Berry Island
- Gunton
- Inwood
- Leary
- Meleb
- Pelan
- Pine Ridge
- Rat River
- Sprague
- Unclassified Land
- Soil Series Boundary
- General Features**
- Highway
- Road
- Railway

* Note: Refer to Appendix B, Table B-1 for a description of the Soil Names



Basemap: Manitoba Land Initiative; CanSIS Detailed Soil Survey (Agriculture and Agri-food Canada); Canvec
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Table D-1: Description of Soil Types for the Soil Names occurring in the Project Site Area

Soil Name	Soil Drainage	Surface Texture	Textural Group of the Soil Profile
Aneda	Well	Loam	Medium to Moderately Fine
Beaverdam Lake	Imperfect	Loamy Sand	Very Coarse over Medium to Mod. Fine
Berry Island	Poor	Loamy Sand	Very Coarse over Medium to Mod. Fine
Gunton	Well	Loamy Sand	Very Coarse over Medium to Mod. Fine
Inwood	Imperfect	Loam	Medium to Moderately Fine
Leary	Rapid	Loamy Sand	Very Coarse
Meleb	Poor	Clay loam	Medium to Moderately Fine
Pelan	Imperfect	Loamy Fine Sand	Coarse over Medium to Mod. Fine
Pine Ridge	Well	Fine sand	Coarse
Rat River	Very poor	Mesic forest peat	Organic over Coarse
Sprague	Poor	Loamy fine sand	Coarse over Medium to Mod. Fine

For more detailed information on each Soil Name within the Project Site Area, refer to: Government of Canada and Government of Manitoba. 2011. [Soils of the Municipality of Springfield](#). Report No. D88. 120 pp.