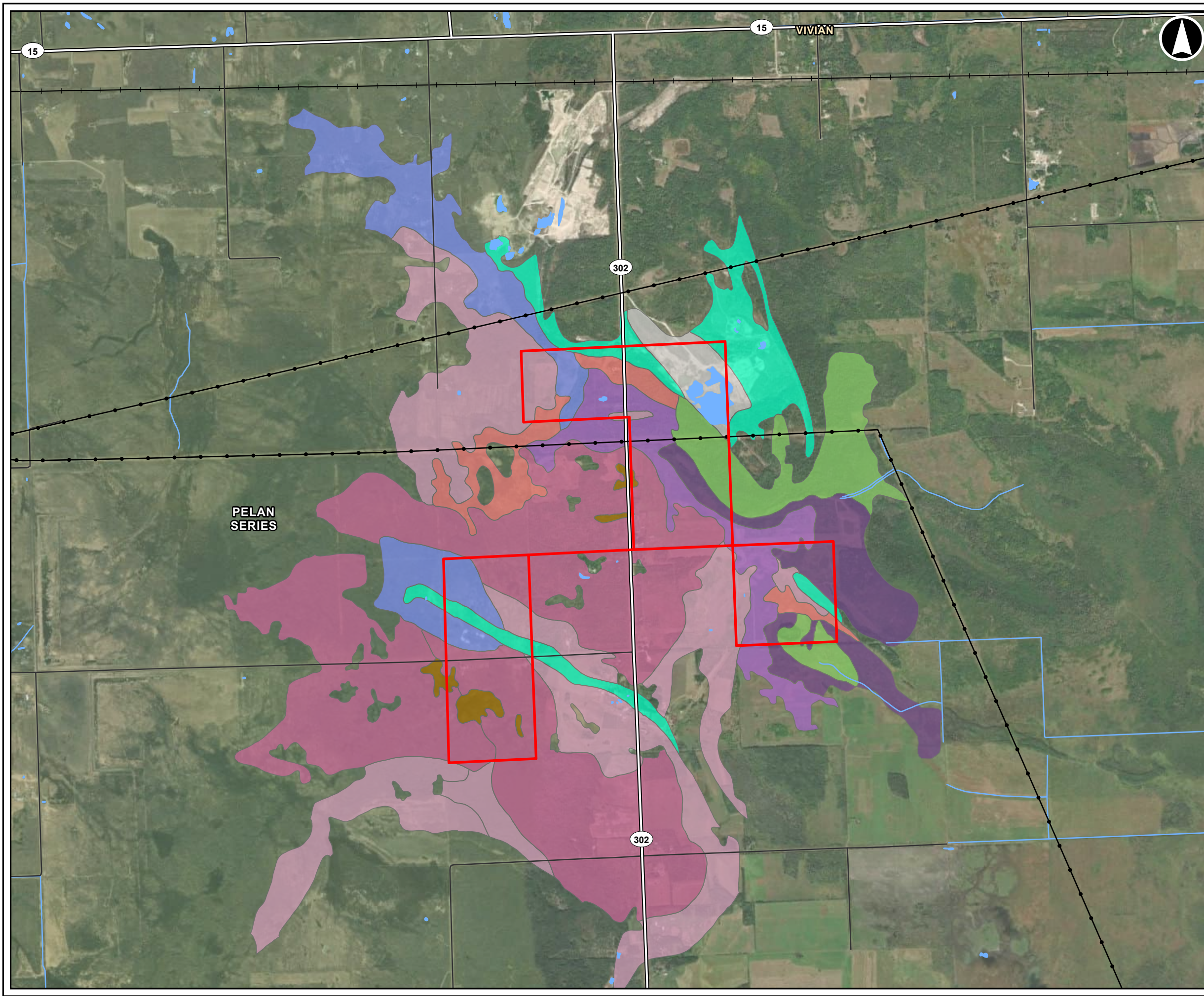


Appendix E

**Soil Characteristics in the Project Site
Area**



Legend

Project Site Boundary

Soil Name *

- Beaverdam Lake
- Berry Island
- Gunton
- Inwood
- Leary
- Meleb
- Rat River
- Sprague
- Sprague, Peaty
- Unclassified Land

General Features

- Highway
- Road
- Railway
- Transmission Line
- Watercourse
- Waterbody

* Refer to Appendix I, Table I-1 for a description of the Soil Names

**SIO SILICA CORPORATION
ENVIRONMENT ACT PROPOSAL**

SOILS

00.511.52

Kilometres

Datum: NAD 1983 UTM Zone 14N

May, 2024	PN#: 60730241	1:30,000 * when printed 11"x17"
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Appendix E

Data Sources: MLI, Manitoba Government, NRCan - Canvec, Manitoba Soil Survey
Esri Canada, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NRCan, Parks Canada, Maxar

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\\AECOM\GIS\Users\STEPHANIE.CLARK\WORKING PROJECTS\60730241_SIO SILICA\EXTRACT_REFUGES\GND_REPORTS\ENVIRONMENT ACT PROPOSAL\FIG_01\FIGURE MAP_APPD_EAP_SOILS DATE SAVED: 3/6/2024 USER NAME: STEPHANIE.CLARK

Table E-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
Beaverdam Lake	Imperfect	Loamy Sand	Very Coarse over Medium to Moderately Fine
Berry Island	Poor	Loamy Sand	Very Coarse over Medium to Moderately Fine
Gunton	Well	Loamy Sand	Very Coarse over Medium to Moderately Fine
Inwood	Imperfect	Loam	Medium to Moderately Fine
Leary	Rapid	Loamy Sand	Very Coarse
Meleb	Poor	Clay loam	Medium to Moderately Fine
Rat River	Very poor	Mesic forest peat	Organic over Coarse
Sprague	Poor	Loamy fine sand	Coarse over Medium to Moderately Fine
Sprague, Peaty	Very poor	Mesic	Organic

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.