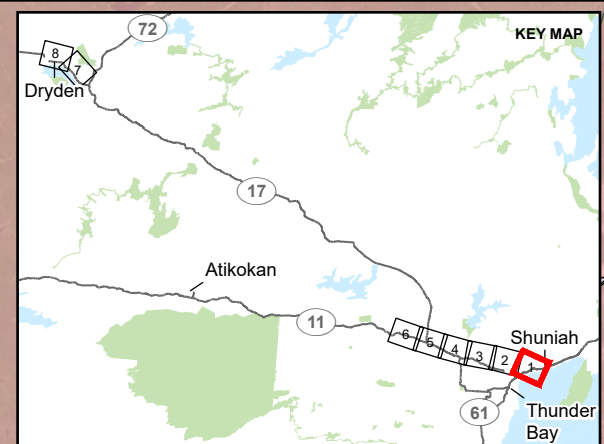
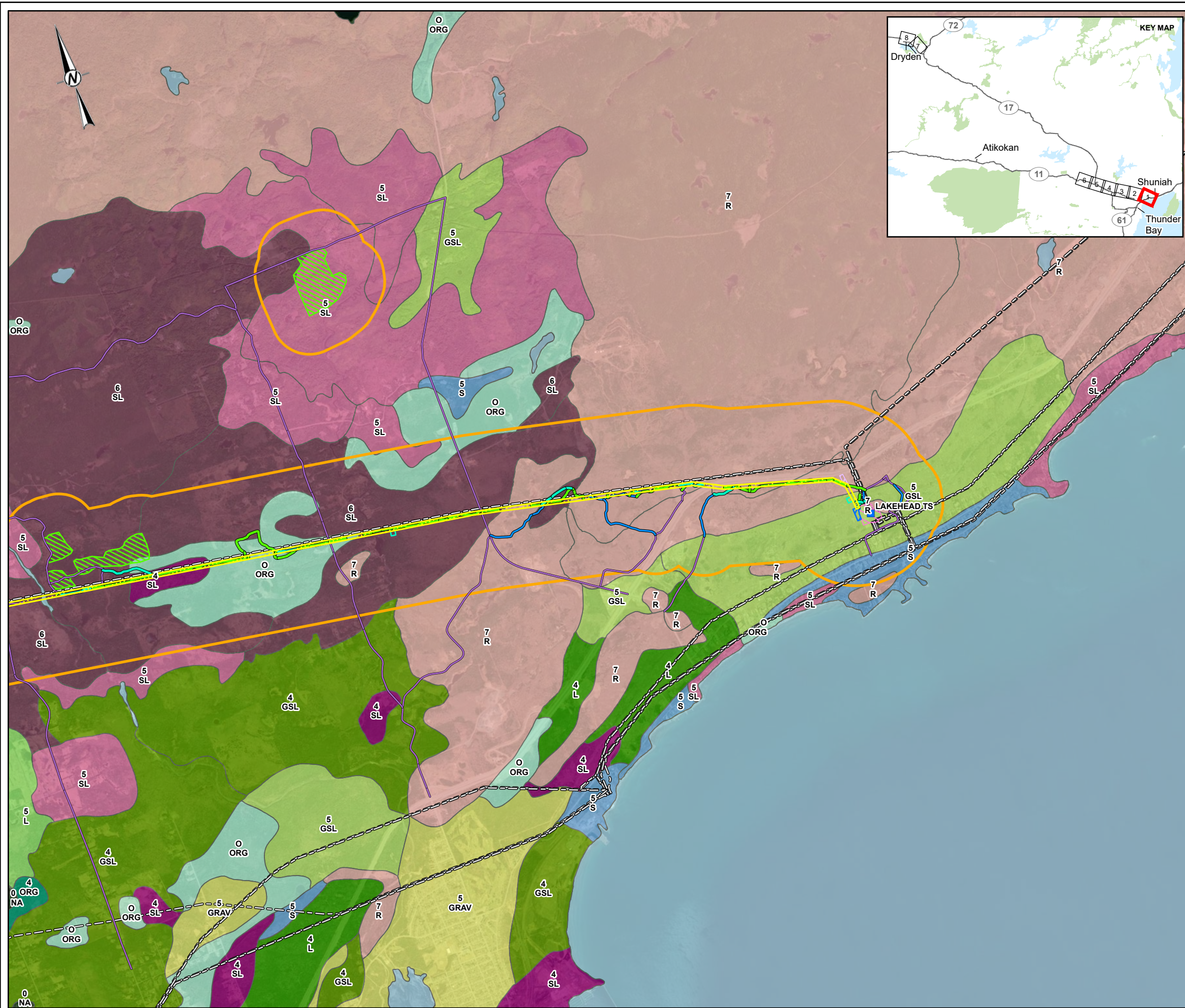


APPENDIX 6.1-C

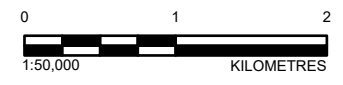
Detailed Soil Mapping for the Thunder Bay and Dryden Areas





- LEGEND**
- 230 KV TRANSFORMER STATION (TS)
 - EXISTING TRANSMISSION LINE
 - EXISTING ACCESS ROAD - NO IMPROVEMENTS REQUIRED
 - EXISTING ACCESS ROAD - POTENTIAL IMPROVEMENTS
 - NEW ACCESS ROAD - PREFERRED
 - NEW ACCESS ROAD - ALTERNATE
 - PREFERRED ROUTE TRANSMISSION LINE RIGHT-OF-WAY
 - TRANSFORMER STATION FENCELINE - EXISTING
 - TRANSFORMER STATION FENCELINE - APPROXIMATE AREA OF EXPANSION
 - TEMPORARY LAYDOWN AREA (PULL SITE)
 - HELICOPTER PAD
 - FLY YARD
 - LOCAL STUDY AREA

- SOIL SURVEY COMPLEX (CLI CLASS, TEXTURE)**
- | | |
|--|--|
| ■ CLASS 4, GRAVELLY SANDY LOAM) | ■ CLASS 5, LOAM (L) |
| ■ CLASS 4, LOAM (L) | ■ CLASS 5, SAND (S) |
| ■ CLASS 4, ORGANIC (ORG) | ■ CLASS 5, SANDY LAND (SL) |
| ■ CLASS 4, SANDY LOAM (SL) | ■ CLASS 6, SANDY LOAM (SL) |
| ■ CLASS 5, GRAVEL (GRAV) | ■ CLASS 7, R |
| ■ CLASS 5, GRAVELLY SANDY LOAM (GSL) | ■ CLASS O, ORGANICS (ORG) |
| | ■ CLASS W |



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 PROJECTION: CSRS UTM ZONE 15 DATUM: NAD 83

CLIENT
 HYDRO ONE NETWORKS INC.

PROJECT
 WAASIGAN TRANSMISSION LINE

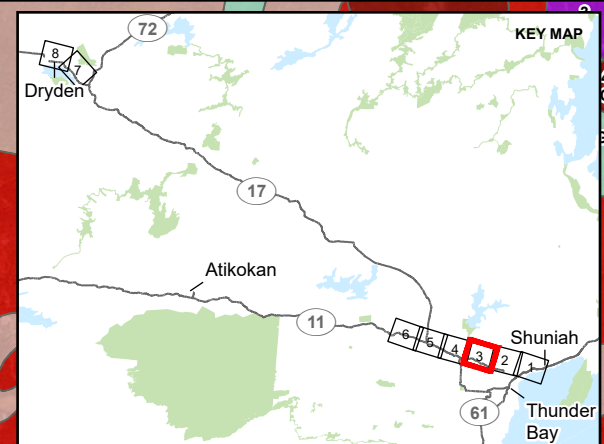
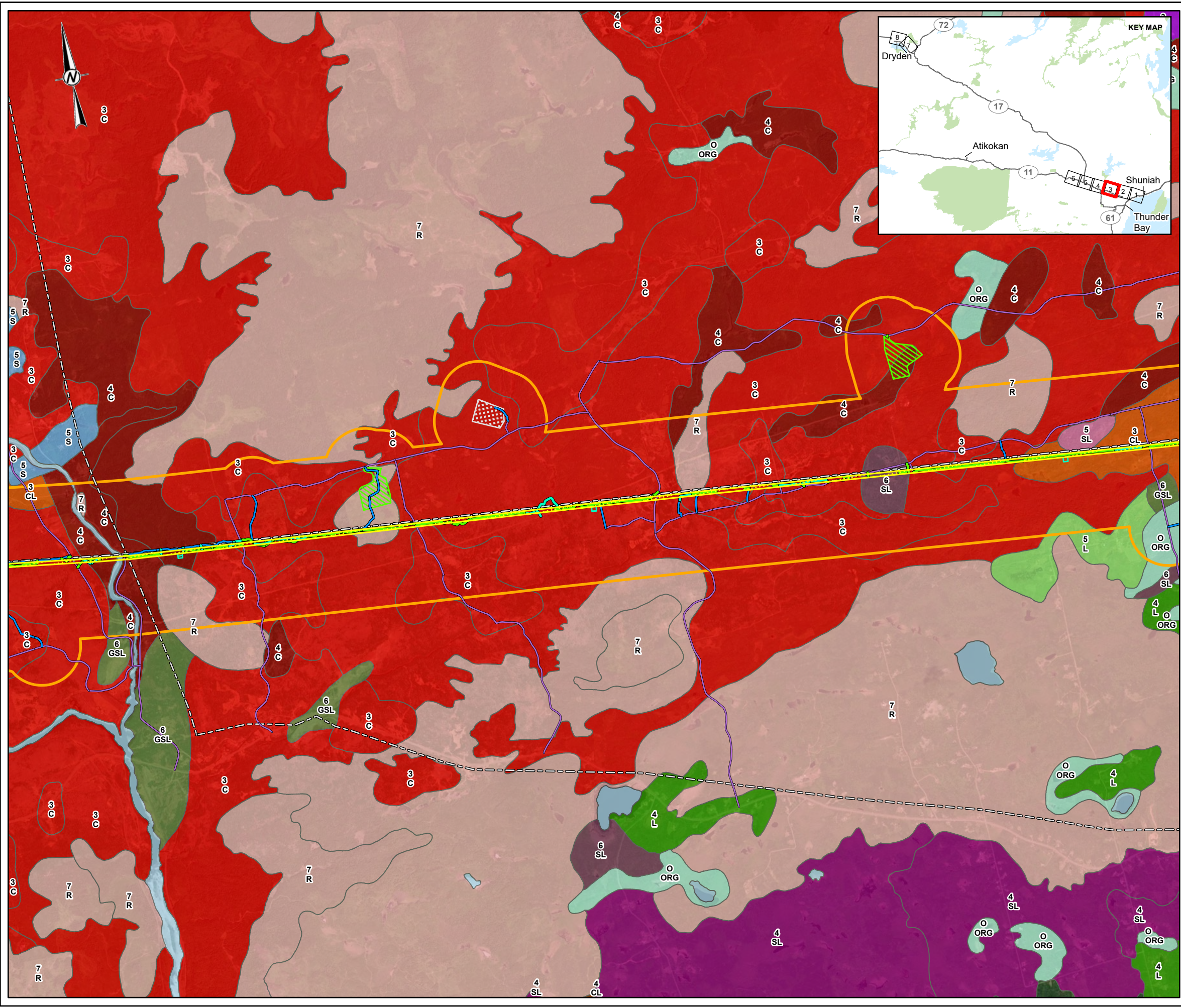
TITLE
APPENDIX 6.1-C DETAILED SOIL MAPPING FOR THE THUNDER BAY AND DRYDEN AREAS

CONSULTANT	YYYY-MM-DD	2023-09-27
	DESIGNED	MB
	PREPARED	JR/DB
	REVIEWED	HK
	APPROVED	CS

PROJECT NO. 20137728	CONTROL 0035	REV. 1	FIGURE 1
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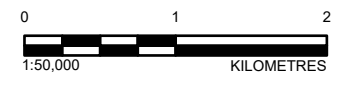
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



- LEGEND**
- EXISTING TRANSMISSION LINE
 - EXISTING ACCESS ROAD - NO IMPROVEMENTS REQUIRED
 - EXISTING ACCESS ROAD - POTENTIAL IMPROVEMENTS
 - NEW ACCESS ROAD - PREFERRED
 - NEW ACCESS ROAD - ALTERNATE
 - PREFERRED ROUTE TRANSMISSION LINE RIGHT-OF-WAY
 - AGGREGATE SITE
 - HELICOPTER PAD
 - FLY YARD
 - LOCAL STUDY AREA

- SOIL SURVEY COMPLEX (CLI CLASS, TEXTURE)**
- | | |
|--------------------------|------------------------------------|
| CLASS 3, CLAY (C) | CLASS 5, SAND (S) |
| CLASS 3, CLAY LOAM (CL) | CLASS 5, SANDY LAND (SL) |
| CLASS 3, SILT LOAM (SIL) | CLASS 6, GRAVELLY SANDY LOAM (GSL) |
| CLASS 4, CLAY (C) | CLASS 6, SANDY LOAM (SL) |
| CLASS 4, CLAY LOAM (CL) | CLASS 7, R |
| CLASS 4, LOAM (L) | CLASS O, ORGANICS (ORG) |
| CLASS 4, SANDY LOAM (SL) | CLASS W |
| CLASS 5, LOAM (L) | |



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CLIENT
 HYDRO ONE NETWORKS INC.

PROJECT
 WAASIGAN TRANSMISSION LINE

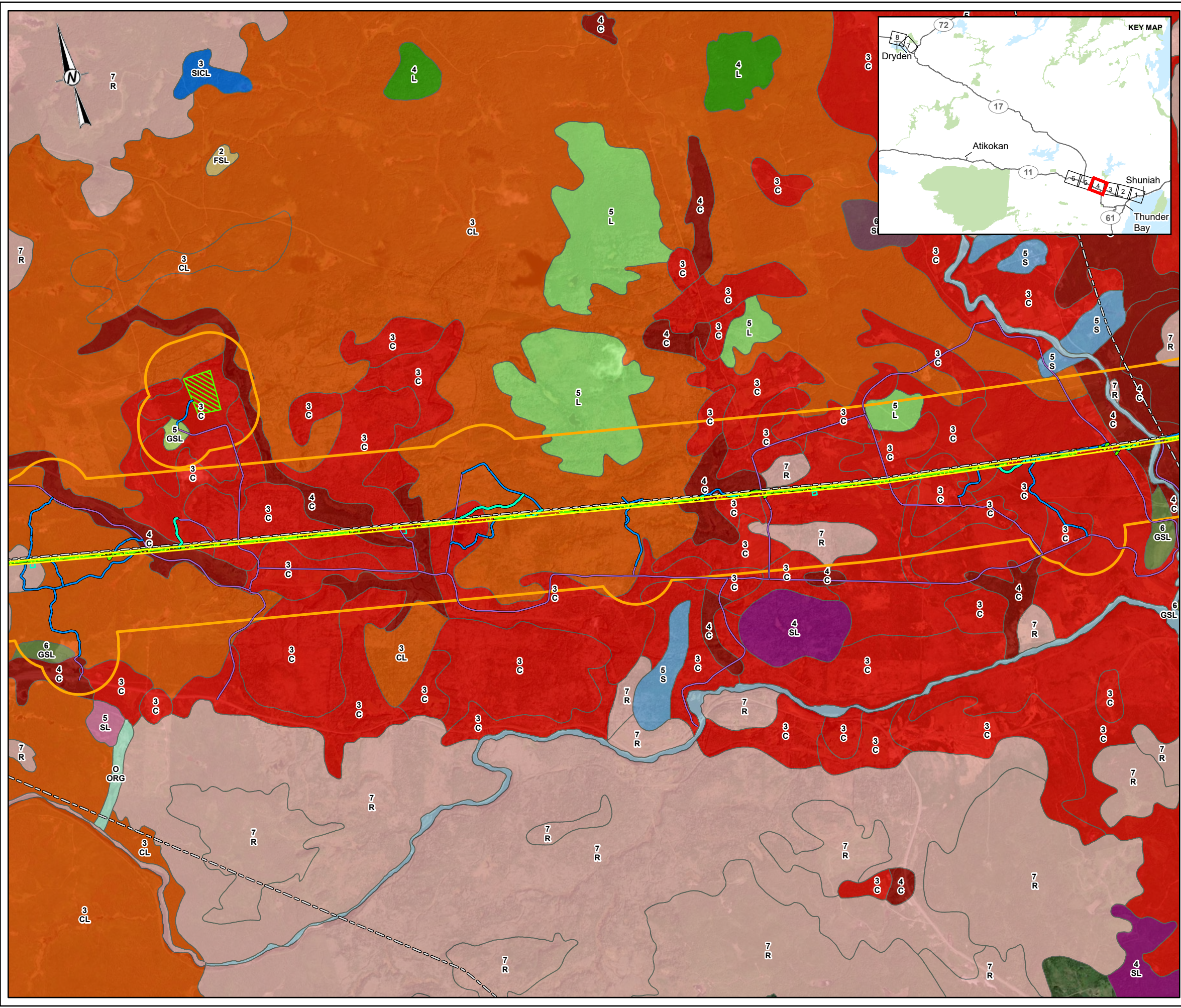
TITLE
 APPENDIX 6.1-C DETAILED SOIL MAPPING FOR THE THUNDER BAY AND DRYDEN AREAS

CONSULTANT		YYYY-MM-DD	2023-09-27
		DESIGNED	MB
		PREPARED	JR/DB
		REVIEWED	HK
		APPROVED	CS

PROJECT NO.	CONTROL	REV.	FIGURE
20137728	0035	1	3

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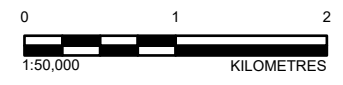


LEGEND

- EXISTING TRANSMISSION LINE
- EXISTING ACCESS ROAD - NO IMPROVEMENTS REQUIRED
- EXISTING ACCESS ROAD - POTENTIAL IMPROVEMENTS
- NEW ACCESS ROAD - PREFERRED
- NEW ACCESS ROAD - ALTERNATE
- PREFERRED ROUTE TRANSMISSION LINE RIGHT-OF-WAY
- HELICOPTER PAD
- FLY YARD
- LOCAL STUDY AREA

SOIL SURVEY COMPLEX (CLI CLASS, TEXTURE)

CLASS 2, FINE SANDY LOAM (FSL)	CLASS 5, LOAM (L)
CLASS 3, CLAY (C)	CLASS 5, SAND (S)
CLASS 3, CLAY LOAM (CL)	CLASS 5, SANDY LAND (SL)
CLASS 3, SILTY CLAY LOAM (SICL)	CLASS 6, GRAVELLY SANDY LOAM (GSL)
CLASS 4, CLAY (C)	CLASS 6, SANDY LOAM (SL)
CLASS 4, LOAM (L)	CLASS 7, R
CLASS 4, SANDY LOAM (SL)	CLASS O, ORGANICS (ORG)
CLASS 5, GRAVELLY SANDY LOAM (GSL)	CLASS W



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PROJECT
 WAASIGAN TRANSMISSION LINE

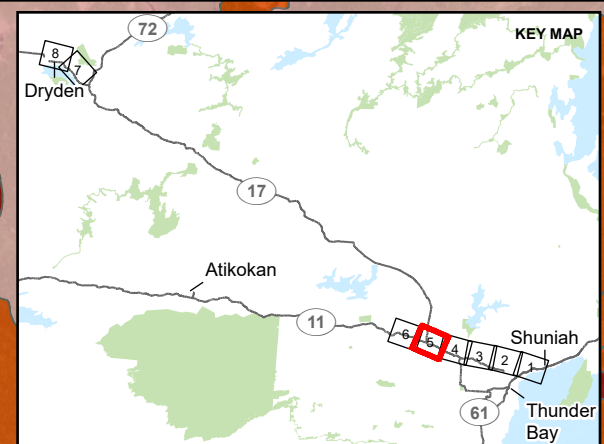
TITLE
APPENDIX 6.1-C DETAILED SOIL MAPPING FOR THE THUNDER BAY AND DRYDEN AREAS

CONSULTANT	YYYY-MM-DD	2023-09-27
	DESIGNED	MB
	PREPARED	JR/DB
	REVIEWED	HK
	APPROVED	CS

PROJECT NO. 20137728 CONTROL 0035 REV. 1 FIGURE 4

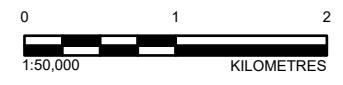
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- LEGEND**
- EXISTING TRANSMISSION LINE
 - EXISTING ACCESS ROAD - NO IMPROVEMENTS REQUIRED
 - EXISTING ACCESS ROAD - POTENTIAL IMPROVEMENTS
 - NEW ACCESS ROAD - PREFERRED
 - NEW ACCESS ROAD - ALTERNATE
 - PREFERRED ROUTE TRANSMISSION LINE RIGHT-OF-WAY
 - AGGREGATE SITE
 - HELICOPTER PAD
 - FLY YARD
 - LOCAL STUDY AREA

- SOIL SURVEY COMPLEX (CLI CLASS, TEXTURE)**
- | | |
|-------------------------------|------------------------------------|
| CLASS 3, CLAY (C) | CLASS 6, GRAVELLY SANDY LOAM (GSL) |
| CLASS 3, CLAY LOAM (CL) | CLASS 6, SANDY LOAM (SL) |
| CLASS 3, SILT LOAM (SIL) | CLASS 7, R |
| CLASS 4, CLAY (C) | CLASS O, ORGANICS (ORG) |
| CLASS 4, GRAVELLY SANDY LOAM) | CLASS W |
| CLASS 5, SANDY LAND (SL) | |



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PROJECT
WAASIGAN TRANSMISSION LINE

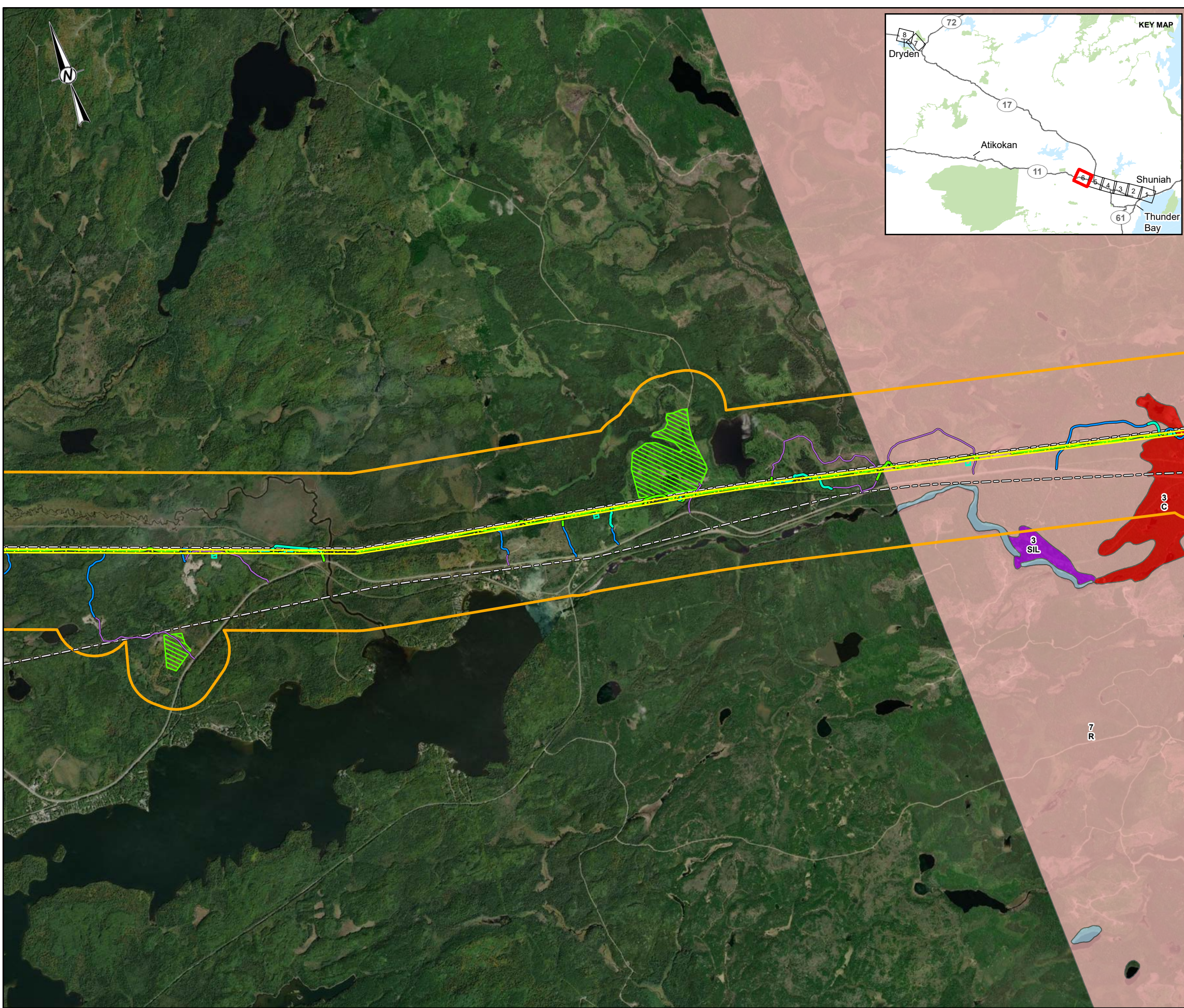
TITLE
APPENDIX 6.1-C DETAILED SOIL MAPPING FOR THE THUNDER BAY AND DRYDEN AREAS

CONSULTANT	YYYY-MM-DD	2023-09-27
	DESIGNED	MB
	PREPARED	JR/DB
	REVIEWED	HK
	APPROVED	CS

PROJECT NO.	CONTROL	REV.	FIGURE
20137728	0035	1	5

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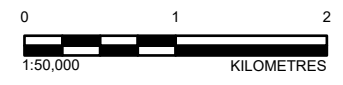


LEGEND

- EXISTING TRANSMISSION LINE
- EXISTING ACCESS ROAD - NO IMPROVEMENTS REQUIRED
- EXISTING ACCESS ROAD - POTENTIAL IMPROVEMENTS
- NEW ACCESS ROAD - PREFERRED
- NEW ACCESS ROAD - ALTERNATE
- PREFERRED ROUTE TRANSMISSION LINE RIGHT-OF-WAY
- HELICOPTER PAD
- FLY YARD
- LOCAL STUDY AREA

SOIL SURVEY COMPLEX (CLI CLASS, TEXTURE)

- | | |
|--------------------------|------------|
| CLASS 3, CLAY (C) | CLASS 7, R |
| CLASS 3, SILT LOAM (SIL) | CLASS W |



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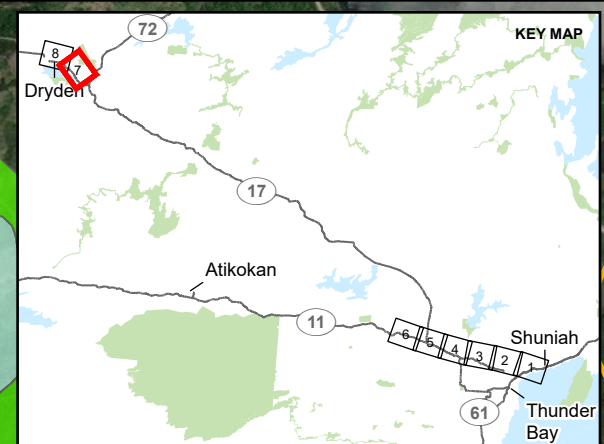
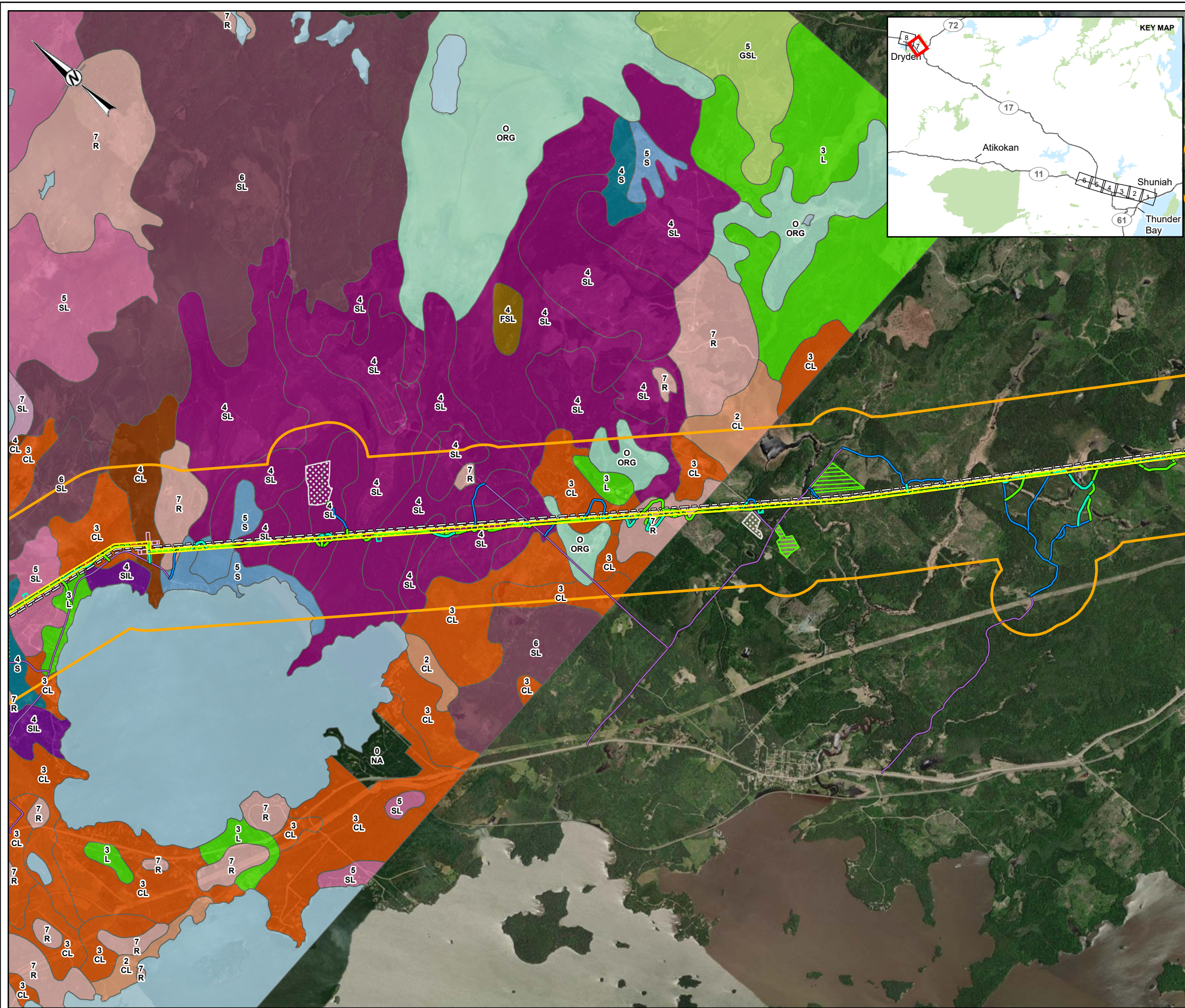
PROJECT
 WAASIGAN TRANSMISSION LINE

TITLE
APPENDIX 6.1-C DETAILED SOIL MAPPING FOR THE THUNDER BAY AND DRYDEN AREAS

CONSULTANT	YYYY-MM-DD	2023-09-27
	DESIGNED	MB
	PREPARED	JR/DB
	REVIEWED	HK
	APPROVED	CS

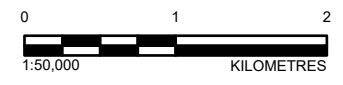
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- LEGEND**
- EXISTING TRANSMISSION LINE
 - EXISTING ACCESS ROAD - NO IMPROVEMENTS REQUIRED
 - EXISTING ACCESS ROAD - POTENTIAL IMPROVEMENTS
 - NEW ACCESS ROAD - PREFERRED
 - NEW ACCESS ROAD - ALTERNATE
 - PREFERRED ROUTE TRANSMISSION LINE RIGHT-OF-WAY
 - TEMPORARY LAYDOWN AREA (PULL SITE)
 - AGGREGATE SITE
 - HELICOPTER PAD
 - FLY YARD
 - LOCAL STUDY AREA

- SOIL SURVEY COMPLEX (CLI CLASS, TEXTURE)**
- | | |
|--------------------------------|------------------------------------|
| CLASS 2, CLAY LOAM (CL) | CLASS 5, GRAVELLY SANDY LOAM (GSL) |
| CLASS 3, CLAY LOAM (CL) | CLASS 5, SAND (S) |
| CLASS 3, LOAM (L) | CLASS 5, SANDY LAND (SL) |
| CLASS 4, CLAY LOAM (CL) | CLASS 6, SANDY LOAM (SL) |
| CLASS 4, FINE SANDY LOAM (FSL) | CLASS 7, R |
| CLASS 4, SAND (S) | CLASS 7, SANDY LOAM (SL) |
| CLASS 4, SILT LOAM (SIL) | CLASS O, ORGANICS (ORG) |
| CLASS 4, SANDY LOAM (SL) | CLASS W |



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PROJECT
 WAASIGAN TRANSMISSION LINE

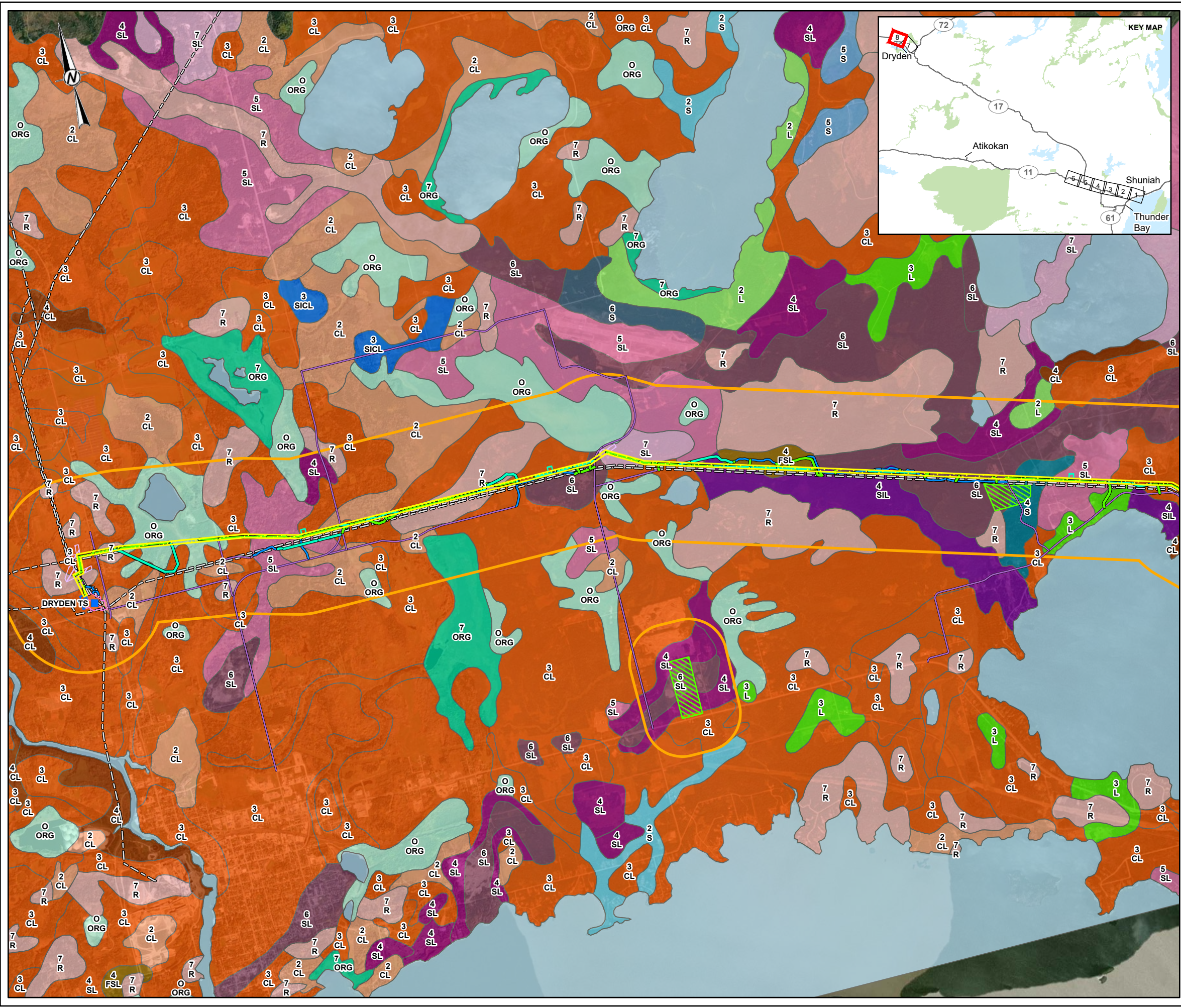
TITLE
 APPENDIX 6.1-C DETAILED SOIL MAPPING FOR THE THUNDER BAY AND DRYDEN AREAS

CONSULTANT	YYYY-MM-DD	2023-09-27
	DESIGNED	MB
	PREPARED	JR/DB
	REVIEWED	HK
	APPROVED	CS

PROJECT NO. 20137728 CONTROL 0035 REV. 1 FIGURE 7

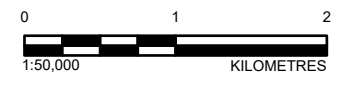
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- LEGEND**
- 230 KV TRANSFORMER STATION (TS)
 - EXISTING TRANSMISSION LINE
 - EXISTING ACCESS ROAD - NO IMPROVEMENTS REQUIRED
 - EXISTING ACCESS ROAD - POTENTIAL IMPROVEMENTS
 - NEW ACCESS ROAD - PREFERRED
 - NEW ACCESS ROAD - ALTERNATE
 - ▨ PREFERRED ROUTE TRANSMISSION LINE RIGHT-OF-WAY
 - ▨ TRANSFORMER STATION FENCELINE - EXISTING
 - ▨ TRANSFORMER STATION FENCELINE - APPROXIMATE AREA OF EXPANSION
 - ▨ TEMPORARY LAYDOWN AREA (PULL SITE)
 - ▨ HELICOPTER PAD
 - ▨ FLY YARD
 - ▨ LOCAL STUDY AREA

- SOIL SURVEY COMPLEX (CLI CLASS, TEXTURE)**
- | | |
|---|---|
| ■ CLASS 2, CLAY LOAM (CL) | ■ CLASS 4, SANDY LOAM (SL) |
| ■ CLASS 2, LOAM (L) | ■ CLASS 5, SAND (S) |
| ■ CLASS 2, SAND (S) | ■ CLASS 5, SANDY LAND (SL) |
| ■ CLASS 3, CLAY LOAM (CL) | ■ CLASS 6, SAND (S) |
| ■ CLASS 3, LOAM (L) | ■ CLASS 6, SANDY LOAM (SL) |
| ■ CLASS 3, SILTY CLAY LOAM (SICL) | ■ CLASS 7, ORGANIC (ORG) |
| ■ CLASS 4, CLAY LOAM (CL) | ■ CLASS 7, R |
| ■ CLASS 4, FINE SANDY LOAM (FSL) | ■ CLASS 7, SANDY LOAM (SL) |
| ■ CLASS 4, SAND (S) | ■ CLASS O, ORGANICS (ORG) |
| ■ CLASS 4, SILT LOAM (SIL) | ■ CLASS W |



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CLIENT
 HYDRO ONE NETWORKS INC.

PROJECT
 WAASIGAN TRANSMISSION LINE

TITLE
APPENDIX 6.1-C DETAILED SOIL MAPPING FOR THE THUNDER BAY AND DRYDEN AREAS

CONSULTANT	YYYY-MM-DD	2023-09-27
	DESIGNED	MB
	PREPARED	JR/DB
	REVIEWED	HK
	APPROVED	CS

PROJECT NO. 20137728 CONTROL 0035 REV. 1 FIGURE 8

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