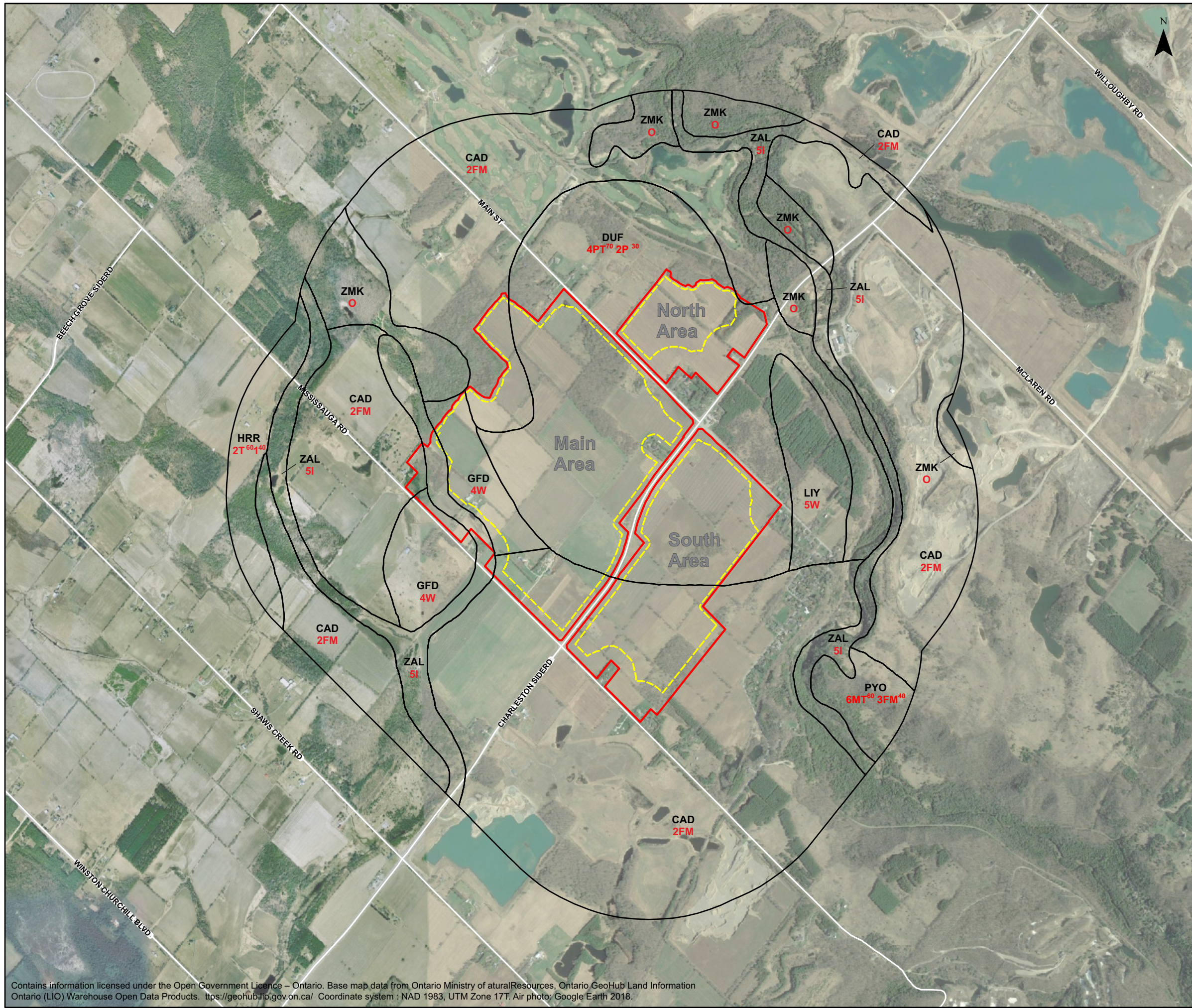


**Comment 6 Response: CLI Capability Classes of Main, North, and South Licensed and Extraction Areas**

<b>Table 1: CLI Capability Classes of Main Licensed and Extraction Areas</b>					
		<b>Licensed Area</b>		<b>Extraction Area</b>	
	<b>CLI Class</b>	<b>Area (Ha)</b>	<b>% of Area</b>	<b>Area (Ha)</b>	<b>% of Area</b>
Prime Agricultural Lands					
	Class 2	59.34	39.23%	49.07	39.74%
Non-Prime Agricultural Lands					
	Class 4	85.44	56.48%	74.42	60.26%
	Class 5	6.49	4.29%	N/A	N/A
<b>Total</b>		151.26	100.00%	123.48	100.00%

<b>Table 2: CLI Capability Classes of North Licensed and Extraction Areas</b>					
		<b>Licensed Area</b>		<b>Extraction Area</b>	
	<b>CLI Class</b>	<b>Area (Ha)</b>	<b>% of Area</b>	<b>Area (Ha)</b>	<b>% of Area</b>
Prime Agricultural Lands					
	Class 2	9.16	30.28	4.81	30.00%
Non-Prime Agricultural Lands					
	Class 4	21.08	69.72	11.23	70.00%
<b>Total</b>		30.24	100.00%	16.04	100.00%

<b>Table 3: CLI Capability Classes of South Licensed and Extraction Areas</b>					
		<b>Licensed Area</b>		<b>Extraction Area</b>	
	<b>CLI Class</b>	<b>Area (Ha)</b>	<b>% of Area</b>	<b>Area (Ha)</b>	<b>% of Area</b>
Prime Agricultural Lands					
	Class 2	50.27	63.29%	35.97	59.97%
Non-Prime Agricultural Lands					
	Class 4	29.16	39.71%	24.00	40.03%
<b>Total</b>		79.42	100.00%	59.97	100.00%



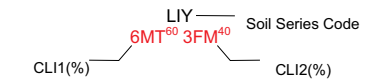
**Legend**

- Licence Boundary - Primary Study Area
- Extraction Area
- Secondary Study Area (1000 Metres)
- Soil Boundary

**SOIL SERIES**

- CAD Caledon Loam
- DUF Dumfries Loam
- GFD Gilford Loam
- HRR Harriston Loam
- LIY Lily Loam
- PYO Pontypool Sandy Loam
- ZAL Bottom Land
- ZMK Muck

**SOIL SYMBOL**



**CLI AGRICULTURAL CAPABILITY CLASSES**

- Class 1** Soils in this class have no significant limitations to use for common field crops
- Class 2** Soils in this class have moderate limitations that restrict the range of crops or require moderate conservation practices.
- Class 3** Moderately severe limitations that reduce the choice of crops, or require special conservation practices.
- Class 4** Severe limitations that restrict the choice of crops, or require special conservation practices and very careful management, or both.
- Class 5** Very severe limitations that restrict their capability to produce perennial forage crops, improvement practices are feasible.
- Class 6** Soils in this class are capable only of producing perennial forage crops, and improvement practices are not feasible.
- Class 0** Organic Soils (not placed in capability classes).

**CLI AGRICULTURAL CAPABILITY SUBCLASSES**

- W** Excess Water - limitations for agriculture due to poor drainage; improvements not feasible.
- T** Topography - limitations from both the percent of slope and the pattern or frequency of slopes in different directions.
- F** Low Fertility - soils having low fertility; limitations may be due to lack of plant nutrients.
- M** Moisture Deficiency - Lower moisture holding capacities and are more prone to droughtiness.
- I** Inundation by streams or lakes - Soil subject to periodic flooding by streams and lakes.
- P** Stoniness- Indicates soils sufficiently stony to hinder tillage, planting and harvesting operations.

Soil\_CLI Map of Areas

**Agricultural Impact Assessment for  
CBM Caledon Quarry**

Prepared for:



Prepared by:



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Date: February 2026

FILE: C19065