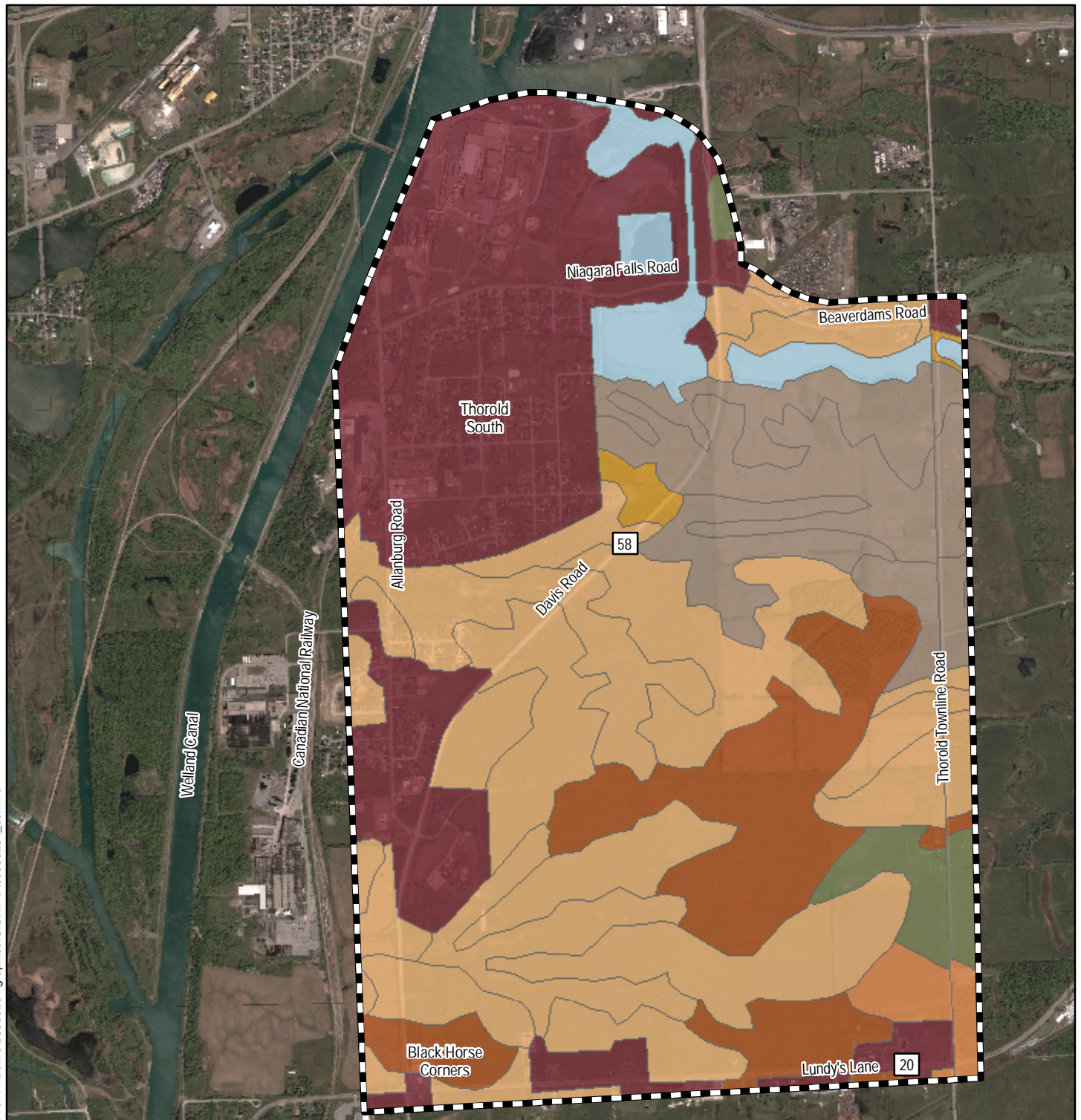


Appendix C1

Features Mapping



Source: Google Earth, 2007, Ontario Institute of Pedology, 1989.

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FIGURE NO. C1-1

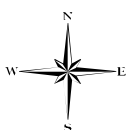
SOILS OF THE STUDY AREA

Initiated: February, 2007
Revised: April, 2008

Study Area Boundary

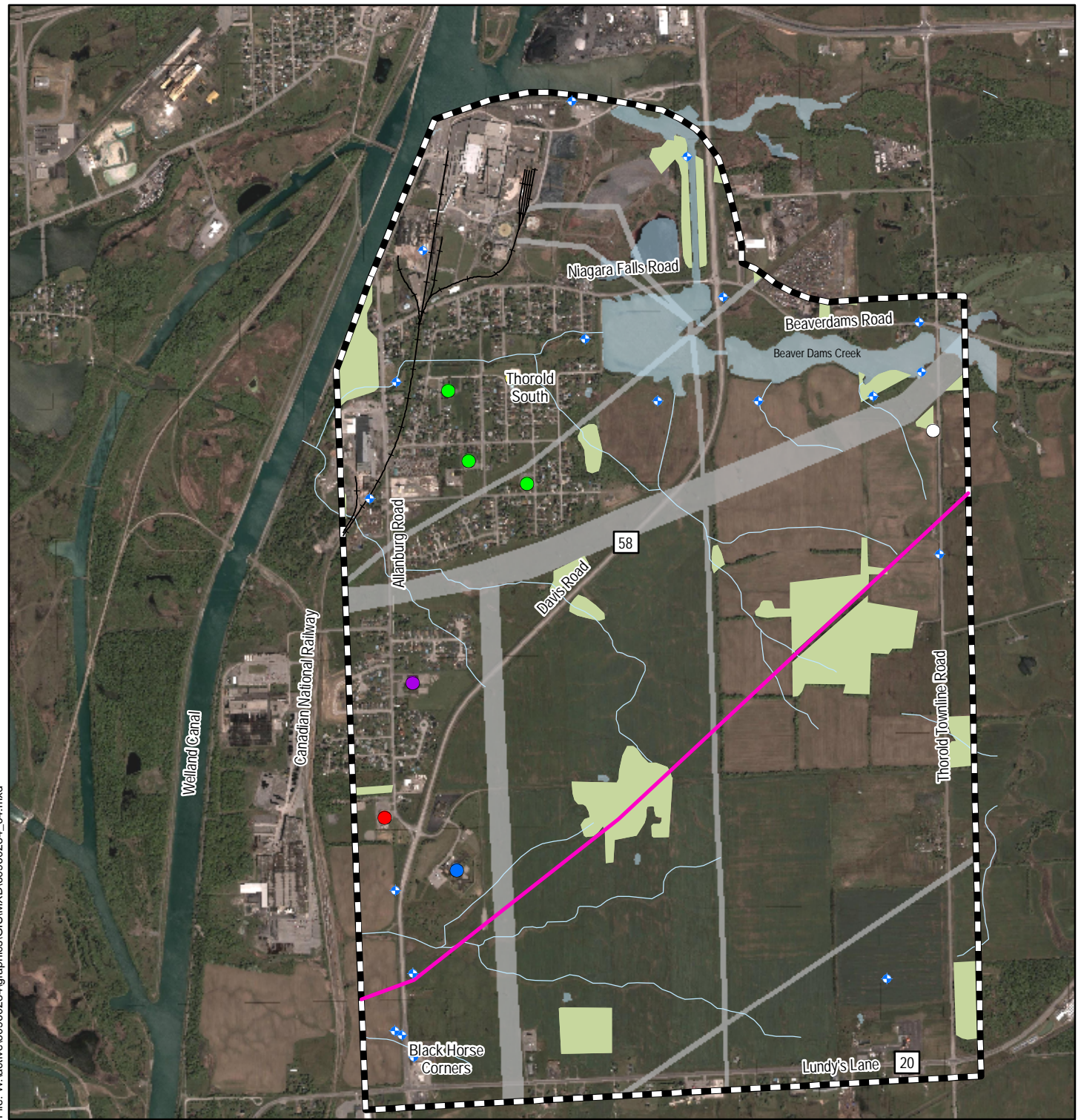
Soils

- Alluvium
- Beverly
- Niagara
- Toledo
- Beverly - Loamy Phase
- Not Mapped
- Toledo - Loamy Red Phase
- Water



Stantec

0 100 200 300 400
 Meters
1:20,000



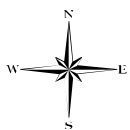
Source: Google Earth, 2007; LIDS, 2006; City of Thorold, 2005; MOE, 2005

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FIGURE NO. C1-2

EXISTING NATURAL AND SOCIO-ECONOMIC FEATURES

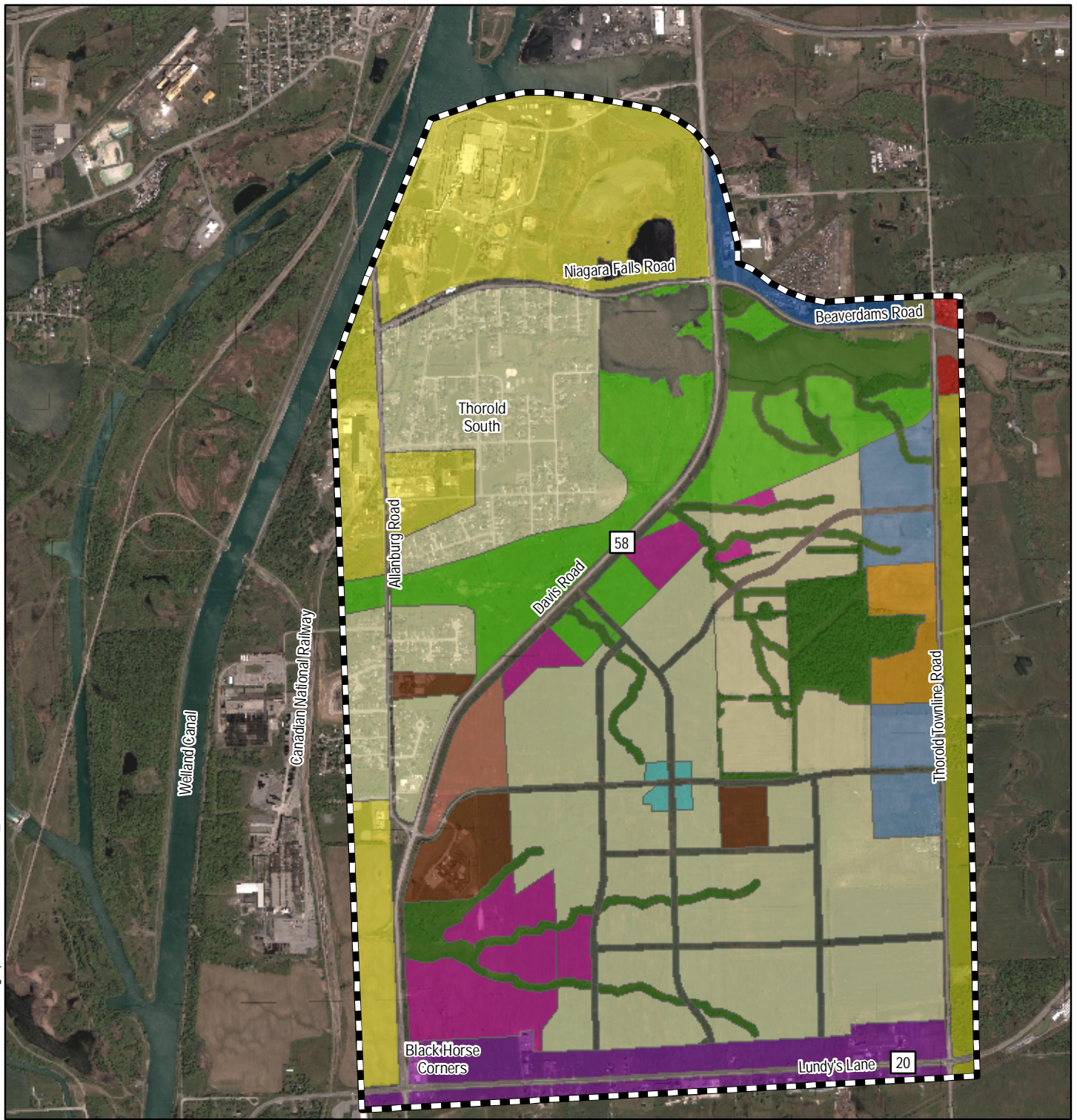
Initiated: February, 2007
Revised: April, 2008



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0 100 200 300 400
Meters
1:20,000

- | | |
|-----------------------------|--------------------------|
| Study Area Boundary | Cemetery |
| Existing Pipelines | Church |
| Railways | Community Centre |
| Streams | Fire Hall |
| Vegetation | Niagara Detention Centre |
| Existing Hydro One Corridor | School |
| | Water Wells |



Source: Google Earth, 2007; City of Thorold, 2005 and 2007; City of Niagara Falls, 2002.

Land Use Designations (boundaries approximate)

- | | |
|--|----------------------------------|
| | Dry Industrial |
| | Employment - Highway Commercial |
| | Employment - Light Industrial |
| | Employment - Prestige Industrial |
| | Environmental Protection Area |
| | General Agriculture |
| | Highway Commercial |
| | Institutional |
| | Natural Environment |
| | Open Space and Recreation |
| | Residential |
| | Rural Residential |
| | Serviced Industrial |
| | Stormwater Management Facility |
| | Village Square Commercial |

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FIGURE NO. C1-3

LAND USE DESIGNATIONS

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Study Area Boundary



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0 100 200 300 400
Meters

1:20,000