

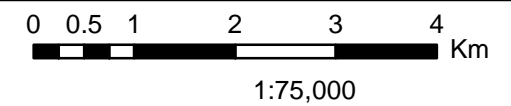
Legend

- Sault Ste. Marie Region Source Protection Area
 - City of Sault Ste. Marie Boundary
 - Sandstone Aquifer Boundary
 - Groundwater Model Limit
 - ~ Watercourse
 - Waterbody
 - Municipal Production Well
 - Anticipated Growth Areas (2013-2022)
- Recharge Input to Groundwater Model**
- Waterbody/Impervious Area (0)
 - Wetland (40)
 - Fine Grain Soil/Granite Bedrock (65)
 - Developed Area (125)
 - Medium/Coarse Grain Soil - not on HPGRA (350)
 - Medium/Coarse Grain Soil - on HPGRA (425)
 - HPGRA Receiving Overland Flow (2100)

Note:
 HPGRA = High Potential Groundwater Recharge Area (R.J. Burnside & Associates Ltd., June 2003)

Recharge is assigned based on hydrology response units (HRUs) delineated during the surface water modelling which represent areas with similar infiltration characteristics. Recharge for each HRU was estimated using GAWSER and are in mm/year. The estimated recharges were adjusted slightly before input into the groundwater model

Source:
 Map data: Sault Ste. Marie Region Conservation Authority
 Anticipated Growth Areas: City of Sault Ste. Marie (Anticipated Growth Areas 2013-2022 map, dated December 17, 2012)



Project Name:
**Tier 3 Water Budget Study
 Sault Ste. Marie**

Title:
**Extent of Anticipated
 Changes in Recharge due to
 Future Land Development**

Project No.:
 E09-439

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Map No.:
2-3