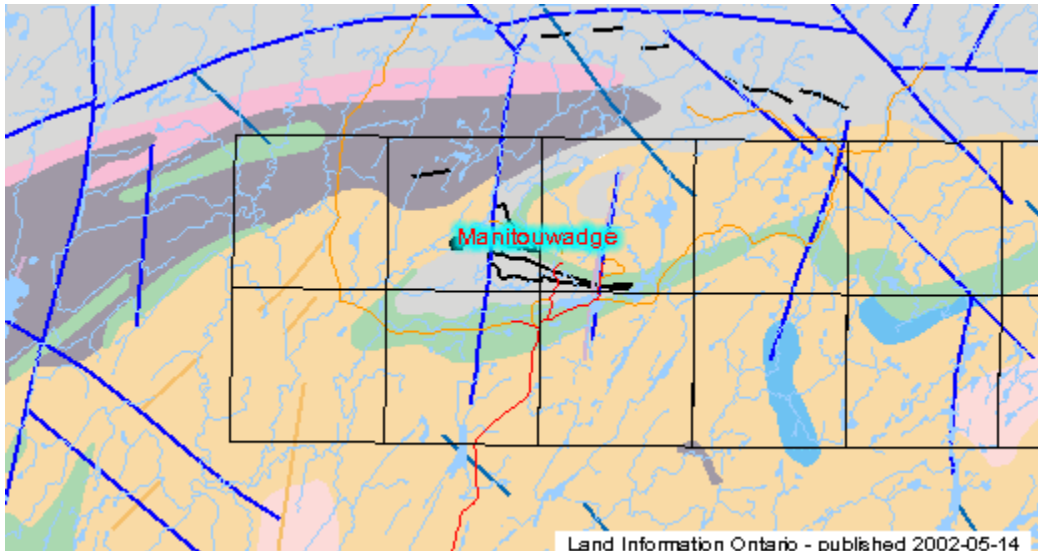


# GROUNDWATER AND GUDI STUDIES

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Municipality of Manitowadge

Manitowadge, Ontario



## Project Description

KGS Group conducted a groundwater under the direct influence of surface water study (GUDI) and a separate groundwater study for the Township of Manitowadge, following the protocols outlined in the technical terms of reference assembled by the Ontario MOE. The projects included aquifer characterisation tasks such as monitoring well installations, groundwater level monitoring (including longer term pressure transducer data), production well rehabilitation, groundwater and surface water sampling, soil sampling, borehole and testpit logging, geological mapping, level surveying, raw water particle counting, data analysis, GPS survey (UTM), regional contaminant source inventory, groundwater use assessment, groundwater modelling (WhAEM and Visual MODFLOW) and WHPA delineation, and the production of geological and hydrogeological GIS databases and map products for the report.