

AGGREGATE RESOURCE INVENTORY GREY COUNTY



Jagger Hims Limited completed an Aggregate Resource Inventory Paper (ARIP) in 2002 for the County of Grey as part of a broader planning study of aggregates in Grey County. The County undertook the ARIP of Grey County in conjunction with the Ontario Geological Survey (OGS) and the inventory is awaiting publication as one of the Survey's Aggregate Resource Inventory Paper.

The Grey County ARIP study is the most recent of the series of publications and it is noteworthy for two significant reasons:

- 1) Grey County contains huge potential sand and gravel resources and is discussed as the next major aggregate source for the Greater Toronto Area, and
- 2) The study report and database was completed using a Geographic Information System (GIS)

The aggregate resources of Grey County are concentrated in the southern portion of the County and relate to ice-contact materials within the Singhampton, Gibraltar and Banks Moraine together with the associated glaciofluvial (outwash) deposits. Smaller, more scattered deposits of outwash and ice-contact materials occur throughout Grey County. The major deposits of outwash plus the ice-contact materials contained in Singhampton Moraine comprise one of the largest untapped aggregate resource areas in southern Ontario.

The entire GIS map document includes field, laboratory, and historical data within its database for simple retrieval. The GIS study analysis was conducted and illustrated using ArcView, which allows users to easily identify resources both geographically and through simple queries. The data is contained on three CD's, and they are available for publishing in the ARIP publication series. This publication will be available to view on Grey County's website.