

GRANULAR-AGGREGATE RESOURCES OF THE SWEET BAY MAP SHEET (NTS 2C/05)

MAP 2014-02

LEGEND

- Commonly gravel or sand, having silt-clay content < 5 percent. Deposits are commonly graded and stratified
- Commonly silt, poorly graded and of variable grain size, having a silt-clay content (s 5 and < 15 percent) and some siltstone. Areas outside the colored zones have no known potential for granular materials, however silt fills, rock rubble suitable for fill, and bedrock suitable for aggregate may be present. Classification criteria used on this map do not consider current or conflicting land uses, nor do they guarantee either access to, or the quality of, the material located within these zones.
- Commonly silt fill, silt or clay samples, having silt-clay content > 15 percent
- Site observation - no sample collected

ZONES OF AGGREGATE POTENTIAL

- Contains granular materials; probability of locating economic deposits is moderate to high
- Contains thin (less than 2 m) or discontinuous granular materials; also includes areas where extent of thicker deposits could not be determined by field investigation; probability of locating economic deposits is moderate to low
- May contain granular materials but deposits are not substantiated by field investigation; probability of locating economic deposits is moderate to low
- Material of granular composition (e.g., sandy silts and colluvium) that generally contains up to 8 percent silt-clay, but could be improved for higher grade uses by washing or screening
- Contains sand-size granular materials; high potential for economic exploitation of sand; low to moderate potential for coarse granular materials
- Sinks: sinuous ridges of granular materials; moderate to high potential for economic exploitation
- Study area within the dashed outline

In addition to this map data an aggregate database is accessible in the Geoscience Atlas of Newfoundland and Labrador (<http://gis.geosur.gov.nl.ca/>) for all granular aggregate maps and sample data. The database provides information on more than 13 000 samples collected from 230, 1:50 000-scale maps in Newfoundland and Labrador.

This map was produced from airphoto interpretation and field work (Environmental Geology Section, 1983; Ricketts, 2006). The location of roads added to topographic map base are approximate.

Elevation in feet above mean sea level. Contour interval 50 feet.

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Copies of this map may be obtained from the Geoscience Publication and Information Section, Geological Survey, Department of Natural Resources, Government of Newfoundland and Labrador, P.O. Box 8700, St. John's, NL, Canada, A1B 4J6.

This map is subject to review and revision. Comments to the author concerning errors or omissions are invited.

Base from maps published by Surveys and Mapping Branch, Department of Natural Resources, Ottawa, Canada.

OPEN FILE 002C/05/0206
This map supersedes Map 2006-17, Open File 002C/05/0161

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Geological Survey: <http://www.nr.gov.nl.ca/nr/mines/geoscience/>
E-mail: pub@gnv.ca

References
Environmental Geology Section
1983: 1:50 000 scale aggregate resources map outlining zones of aggregate potential within a 6-km-wide corridor in Newfoundland, Newfoundland Department of Mines and Energy, Mineral Development Division, Map 82-108 Open File NFD/1300.

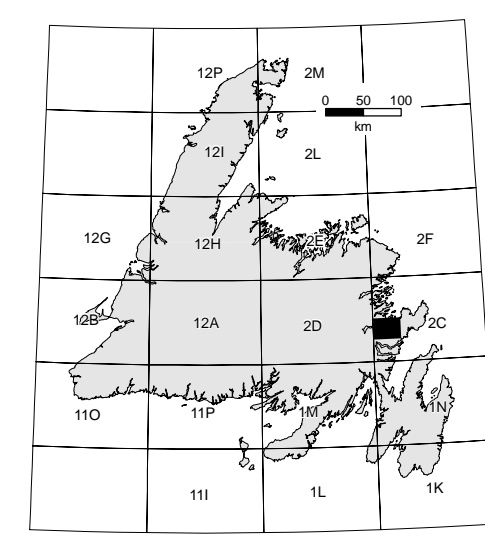
Kirby, F.T., Ricketts, R.J. and Vanderveer, D.G.
1983: Inventory of aggregate resources in Newfoundland and Labrador; information report and index maps. Newfoundland Department of Mines and Energy, Mineral Development Division, Report 83-2, 36 pages.

Ricketts, M.J.
2006: Granular aggregate resources of the Sweet Bay map sheet (NTS 2C/05). Government of Newfoundland and Labrador, Department of Natural Resources, Geological Survey, Map 2006-17, Open File 002C/05/0161.

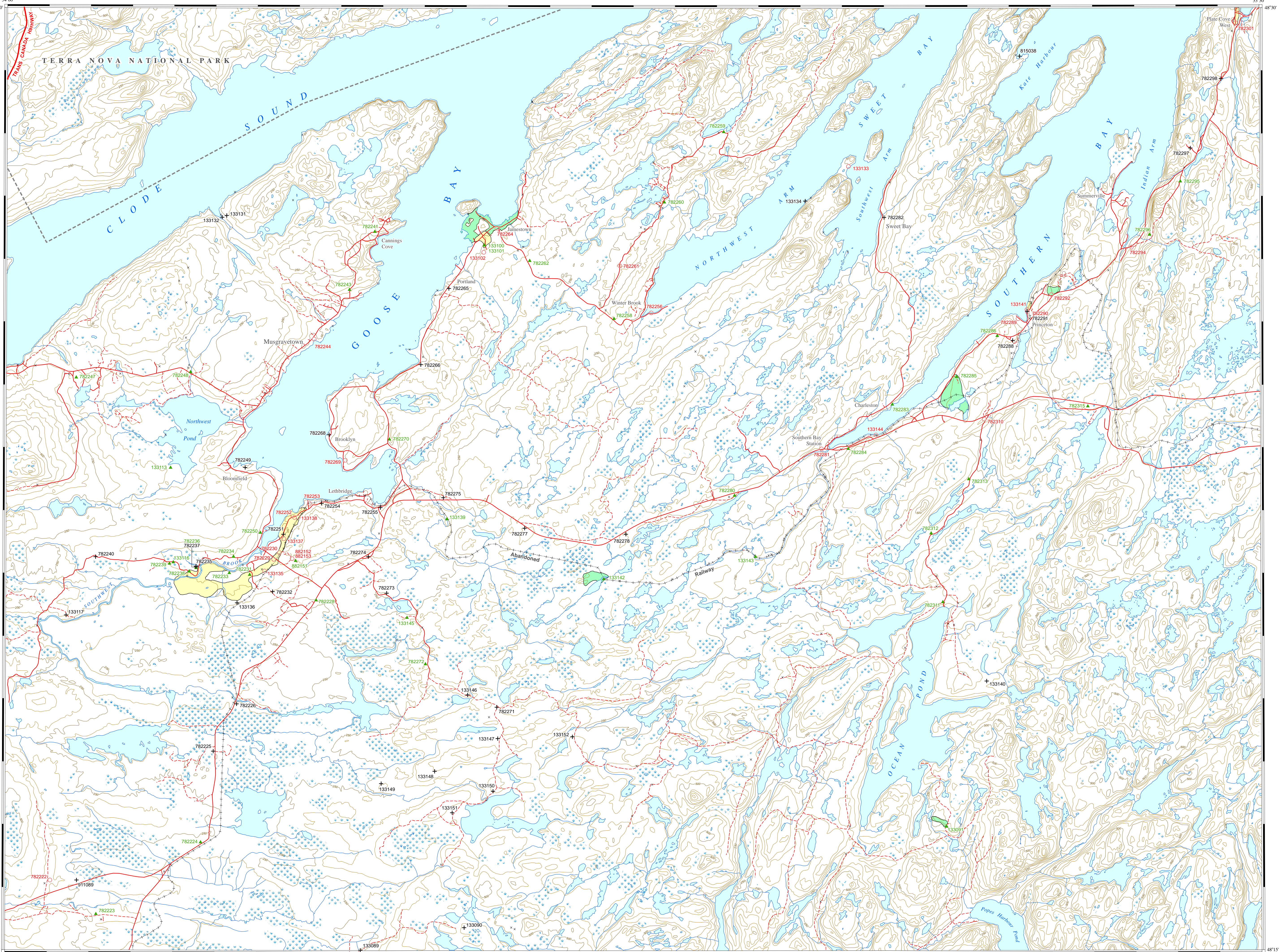
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