



GRANULAR-AGGREGATE RESOURCES OF THE NTS 14D/07 MAP AREA (UNTITLED)

MAP 2012-03

LEGEND

Sample types (based on laboratory sieve analysis - see Table 1)

Sample	Exp	Dep	PN	63	32	16	8	4	2	1	0.5	0.25	0.125	0.062	<0.062	Grv	Sand	SL	CL
843035	3.0	12.0	213	21.3	16.8	16.8	13.7	7.6	11.1	7.5	2.7	1.1	0.6	0.5	0.4	74.3	25.2	0.6	0.6
843036	3.0	3.0	0.0	0.0	0.0	2.7	6.0	9.3	20.7	42.1	17.8	1.0	0.3	0.0	7.2	92.7	0.1	0.1	0.1
843045	3.5	163	11.9	21.6	23.0	20.7	7.3	6.7	3.5	1.4	0.9	0.5	1.1	82.6	16.1	1.3	0.0	0.0	0.0
843046	3.5	0.0	0.0	0.0	0.0	3.4	29.6	28.3	16.0	6.2	5.6	4.1	2.2	4.7	25.6	69.2	5.2	0.0	0.0
843047	8.0	8.0	155	26.4	23.0	9.5	4.7	4.9	5.5	11.1	10.5	3.3	0.7	0.2	0.1	67.2	32.6	0.2	0.2
843048	5.0	249	24.9	5.3	9.1	9.1	5.2	6.0	6.5	6.6	6.5	7.3	6.9	6.9	52.2	39.2	8.6	0.0	0.0
843049	1.5	12.0	178	20.4	16.7	11.6	9.4	7.0	5.1	5.3	5.5	5.4	4.4	3.3	5.9	63.4	29.9	6.7	0.0
843050	0.7	15.0	135	29.0	14.1	17.8	13.0	5.6	6.4	7.2	4.9	1.3	0.4	0.2	0.1	78.1	21.7	0.2	0.2
843051	5.0	5.0	164	0.0	11.8	22.0	20.4	12.5	9.5	7.4	6.0	4.0	2.1	1.3	3.0	63.5	33.2	3.4	0.0
843052	1.6	176	32.7	19.8	16.1	13.1	6.1	5.0	3.9	2.0	0.8	0.3	0.1	0.1	86.2	13.7	0.1	0.1	
843053	5.0	5.0	214	17.3	27.3	16.5	14.9	8.6	6.2	4.5	3.1	1.1	0.3	0.1	0.1	82.5	17.4	0.1	0.1
843054	8.0	8.0	227	28.1	15.1	18.5	12.5	7.3	6.3	6.2	4.0	1.4	0.4	0.2	0.1	79.5	20.3	0.1	0.1
843055	4.0	171	30.0	40.2	30.3	6.1	2.8	2.9	2.9	4.5	4.5	2.0	0.6	0.3	0.1	81.7	17.9	0.4	0.4
843056	5.0	6.0	138	6.9	17.2	19.7	18.0	10.0	10.0	9.6	5.7	1.5	0.6	0.4	0.4	69.3	30.2	0.5	0.5
843057	1.3	20.0	166	25.0	23.8	11.3	8.9	4.9	5.5	7.1	7.2	3.2	1.5	1.0	0.7	26.8	26.4	1.0	1.0
843058	0.8	160	24.5	21.2	19.9	15.5	7.0	4.6	4.6	5.5	2.1	0.6	0.3	0.1	80.4	19.4	0.2	0.2	
843059	6.0	6.0	134	21.6	12.3	15.4	17.0	10.4	12.2	6.8	2.0	0.7	0.5	0.5	0.5	74.2	25.2	0.7	0.7
843060	1.0	5.5	176	24.9	19.5	12.1	10.8	7.8	9.2	8.0	4.1	1.7	0.8	0.5	0.5	73.2	26.2	0.6	0.6
843061	10.0	5.0	0.0	0.0	0.0	0.0	26.7	9.6	13.2	17.8	23.3	7.4	1.2	0.4	0.2	34.0	65.6	0.3	0.3
843062	10.0	5.0	167	15.6	6.7	22.3	16.3	8.3	5.6	5.9	10.0	7.6	1.3	0.3	0.1	67.1	32.7	0.2	0.2
843063	4.0	4.0	158	15.5	16.4	19.6	18.8	8.3	6.7	8.1	5.0	0.9	0.3	0.2	0.1	76.6	23.2	0.2	0.2
843064	7.0	7.0	159	25.1	20.7	17.0	12.6	6.4	5.5	4.2	1.4	0.6	0.3	0.1	80.3	19.5	0.2	0.2	
843065	7.0	7.0	0.0	0.0	0.0	0.0	3.5	4.8	8.9	21.0	34.0	20.7	5.7	1.1	0.2	71.1	92.4	0.5	0.5
843066	11.0	11.0	144	3.3	24.0	18.0	12.7	5.7	6.0	9.5	12.9	5.8	1.3	0.5	0.4	62.3	37.2	0.5	0.5
843103	18.0	18.0	145	1.8	2.3	1.2	0.0	16.6	18.3	17.4	12.9	6.7	3.3	1.7	1.1	18.7	64.0	18.2	18.2
843104	2.0	18.0	241	1.9	1.4	2.1	0.0	17.1	15.4	14.8	19.2	14.6	5.1	1.6	0.4	18.3	74.6	7.1	7.1
843105	22.0	22.0	179	1.6	2.7	2.1	0.0	27.8	24.5	17.6	10.9	4.1	1.5	0.7	0.3	27.3	66.1	6.6	6.6
843106	2.0	13.0	174	0.9	1.0	1.2	0.0	22.5	41.2	20.0	3.6	1.1	0.6	0.4	0.3	19.9	72.4	7.7	7.7
843107	1.0	20.0	171	12.8	2.3	0.0	17.1	15.0	9.3	8.6	8.3	6.0	8.4	15.4	19.2	57.8	23.0	23.0	23.0
843108	22.0	22.0	179	1.4	1.8	1.1	0.0	25.1	19.5	13.6	12.3	9.9	4.6	1.7	0.6	23.9	67.4	8.7	8.7
843109	25.0	25.0	175	3.1	2.4	1.7	0.0	20.5	15.0	12.9	12.0	7.8	4.4	3.5	10.0	22.6	59.8	17.7	17.7
843110	8.0	8.0	0.0	0.0	0.0	22.1	10.0	13.4	19.2	7.8	6.3	10.7	8.2	2.4	2.5	55.6	66.0	4.4	4.4
843111	20.0	10.0	218	1.1	0.5	1.3	0.0	18.7	11.0	15.6	21.7	15.5	6.6	3.1	1.4	13.9	76.4	9.8	9.8
843112	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.4	1.6	26.6	60.8	9.4	1.1	0.2	0.0	99.6	0.4	0.4	0.4
843113	8.0	8.0	247	0.0	2.8	2.4	0.0	26.0	26.2	19.4	8.8	3.5	1.7	1.4	1.1	24.6	67.3	8.1	8.1
843114	6.0	6.0	133	2.5	3.6	2.7	0.0	21.5	14.0	14.6	17.3	10.5	3.2	1.2	0.3	24.9	65.9	9.2	9.2
843115	3.0	1.5	163	2.0	2.9	1.5	1.6	21.8	22.7	22.9	13.3	4.1	1.4	0.6	0.2	24.4	70.4	5.2	5.2
843116	3.0	2.0	219	0.0	0.0	0.0	4.3	2.9	2.6	3.4	9.8	30.3	29.7	14.1	2.9	6.5	87.1	6.4	6.4
843117	4.0	21.0	19.7	2.0	2.1	0.0	17.4	17.4	19.2	17.5	8.4	4.2	2.2	1.8	18.6	72.6	8.6	8.6	
843118	18.0	18.0	149	0.9	3.5	2.2	0.7	19.3	18.0	22.1	20.3	5.0	1.1	0.6	0.4	21.8	71.8	6.5	6.5
843119	18.0	15.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	12.1	51.5	30.5	4.3	0.4	0.0	98.5	1.5	1.5	1.5
843120	4.0	4.0	164	0.8	2.5	1.9	0.0	20.7	19.1	14.8	18.7	10.5	2.9	1.3	0.8	20.9	72.2	6.9	6.9
843121	4.0	4.0	1.0	3.0	3.3	0.0	24.1	17.1	12.6	17.0	10.3	3.3	1.3	1.1	24.4	67.3	8.3	8.3	
843248	0.8	10.0	211	0.0	2.0	2.5	0.0	20.8	13.8	9.3	16.4	17.1	7.4	2.7	1.6	20.0	71.2	8.0	8.0
843259	1.0	115	0.0	0.3	1.0	0.0	19.3	18.3	18.2	21.1	7.3	1.7	0.7	0.3	15.8	78.0	12.2	12.2	
843260	0.9	137	4.2	3.3	2.5	0.0	22.0	12.9	19.2	20.4	9.2	2.4	0.8	0.3	26.5	67.1	6.4	6.4	
843261	0.9	2.9	2.3	1.7	1.2	21.3	9.3	15.7	23.3	13.2	3.3	1.0	0.6	0.4	24.1	71.0	4.9	4.9	
843267	3.0	148	1.7	1.3	1.6	0.0	15.5	16.1	29.9	22.1	4.1	1.3	0.8	0.4	16.2	77.9	5.9	5.9	
843270	1.2	7.0	203	0.4	0.5	0.3	0.0	2.8	5.6	6.4	8.5	15.6	23.2	14.7	14.5	34.0	70.9	25.7	25.7
843281	0.7	4.0	0.0	0.0	0.0	1.8	2.5	7.1	9.7	12.9	19.4	19.1	7.3	20.2	3.7	74.3	22.0	22.0	

Multiple samples taken from the same site in different years are listed in order from oldest to youngest. Multiple samples taken at the same site in the same year are listed in order from the top of the exposure to bottom.

Note
This is a composite legend for all granular aggregate resource maps. All aggregate zones, study areas, and sample types shown in the legend may not appear on this map. Aggregate zone classification is based on airphoto interpretation, field investigation and sieve analyses. Areas outside the coloured 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.

ZONES OF AGGREGATE POTENTIAL	
[Red]	Contains granular materials; probability of locating economic deposits is moderate to high
[Yellow]	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
[Orange]	May contain granular materials but deposits are not substantiated by field investigation; probability of locating economic deposits is moderate to low
[Green]	Material of granular composition (e.g., sandy tills and colluvium) that generally contains up to 8 percent silt-clay, but could be improved for higher grade uses by washing or screening
[Pink]	Contains sand-size granular materials; high potential for economic exploitation of sand; low to moderate potential for coarser granular materials
[Dashed line]	Eskers: sinuous ridges of granular materials; moderate to high potential for economic exploitation
[Dotted line]	Study area within the dashed outline

In addition to this map data, a granular 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 map areas in Newfoundland and Labrador.

This map was originally produced in a series of blue-line maps from airphoto interpretation and field work (Ricketts, 1988).

GIS digital cartography by T.J. Sears

The location of roads added to topographic map base are approximate.

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

Copies of this map may be obtained from the Geoscience Publications 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.

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This map supersedes Map 88-083, Open File LAB/0691

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Department: <http://www.nr.gov.nl.ca/nr/>
Geological Survey: <http://www.nr.gov.nl.ca/nr/mines/geoscience/>
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