

FEATURES LEGEND

Site investigated	△
Drill hole	○
Deposit Type	
clean	GRAVEL (Red), sandy GRAVEL (Orange), gravelly SAND (Light Green), SAND (Blue)
dirty/ very dirty	(Light Red), (Yellow), (Light Green), (Cyan)
unknown	(Light Red), (Yellow), (Light Green), (Cyan)
UNKNOWN deposit type	(Dark Grey)

Deposit Type Definitions:

GRAVEL deposit: contains greater than 75% gravel.
 sandy GRAVEL deposit: contains 50% to 75% gravel.
 gravelly SAND deposit: contains 25% to 50% gravel.
 SAND deposit: contains less than 25% gravel.
 UNKNOWN deposit: amount of gravel unknown.

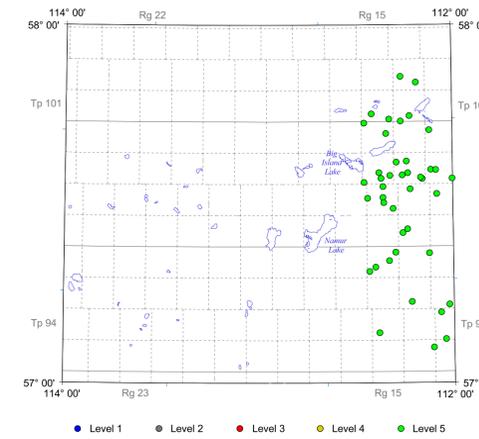
clean deposit: contains less than 3% silt and clay.
 dirty deposit: contains 3% to 10% silt and clay.
 very dirty deposit: contains greater than 10% silt and clay.
 unknown: contains unknown percentage of mixed silt and clay.

BASE MAP LEGEND

River and lake	(Blue line)
River - intermittent	(Blue dashed line)
Road - paved	(Red line)
Road - gravel	(Orange line)
Road - unimproved	(Yellow dashed line)
Railway line	(Black dashed line)
Trail	(Black dashed line)
Park boundary - provincial/national	(Green dashed line)
City/town	(Grey polygon)
Metis settlement	(Pink polygon)
Indian reserve	(Purple polygon)
Township/range - surveyed	(Black dashed line)
Township/range - unsurveyed	(Black dashed line)
UTM, zone 12 grid	(Blue dashed line)

This is a common map legend. Not all units may be present on this map.

Study Level



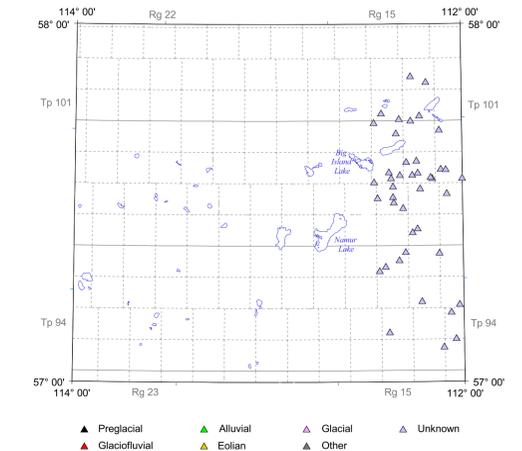
Study Level Definitions:

Level 1 Aggregate reserves confirmed by grid testing and sampling.
 Level 2 Aggregate resources confirmed by multiple test holes and sampling.
 Level 3 Sand and/or gravel confirmed by Alberta Geological Survey site investigation and limited sampling and testing.
 Level 4 Sand and/or gravel areas assumed by Alberta Geological Survey investigation of associated sites, remote sensing and other sources of information.
 Level 5 Potential sand and/or gravel areas identified from remote sensing and other sources of information without Alberta Geological Survey site investigation.

References:

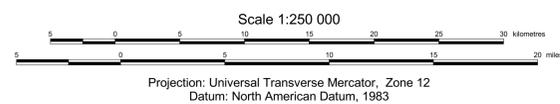
Fox, J.C. (1980): Sand and gravel resources of the Athabasca Oil Sands region northeastern Alberta; Alberta Research Council, OFR 1980-07, 32 p.
 Mollard, J.D. and Mollard, D.G. (1974): Office airphoto study of sand and gravel prospects, vicinity of Fort McMurray, Alberta; report prepared by J.D. Mollard and Associates Limited for Alberta Department of Lands and Forests, 14 p.

Genesis or Geological Feature



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 Copies of this map may be obtained from:
 Information Sales
 Alberta Geological Survey
 Telephone: (780) 422-3767
 Web site: www.ags.gov.ab.ca

Map 306
Sand and Gravel Deposits with Aggregate Potential
Namur Lake, Alberta (NTS 84H)
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 Spatial Data Warehouse

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