

FEATURES LEGEND

Site investigated	△
Drill hole	○
Deposit Type	
clean	GRAVEL (red), sandy GRAVEL (orange), gravelly SAND (green), SAND (blue)
dirty/ very dirty	(light red), (light orange), (light green), (light blue)
unknown	(pink), (yellow), (light green), (light blue)
UNKNOWN deposit type	(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.

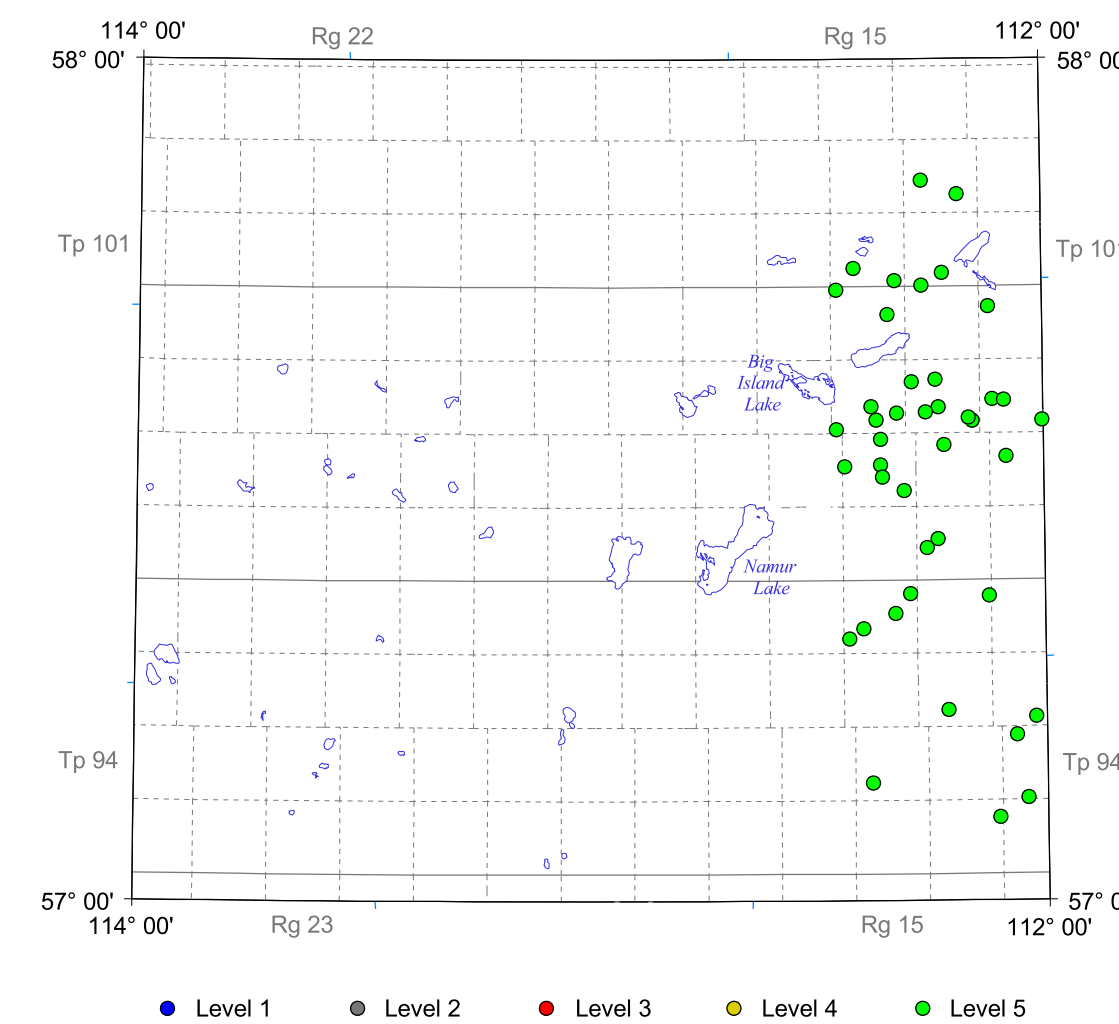
clean deposit: contains less than 3% silt and clay.
 dirty deposit: contains 3% to 10% silt and clay.
 very dirty deposit: contains greater than 10% silt and clay.
 unknown: contains unknown percentage of mixed silt and clay.

BASE MAP LEGEND

River and lake	(blue line)
River - intermittent	(dashed blue line)
Road - paved	(red line)
Road - gravel	(orange line)
Road - unimproved	(dashed orange line)
Railway line	(black line with cross-ticks)
Trail	(dashed black line)
Park boundary - provincial/national	(green line with inward ticks)
City/town	(grey polygon)
Metis settlement	(pink polygon)
Indian reserve	(purple polygon)
Township/range - surveyed	(solid line)
Township/range - unsurveyed	(dashed line)
UTM, zone 12 grid	(+ 450000m, E)

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

Study Level



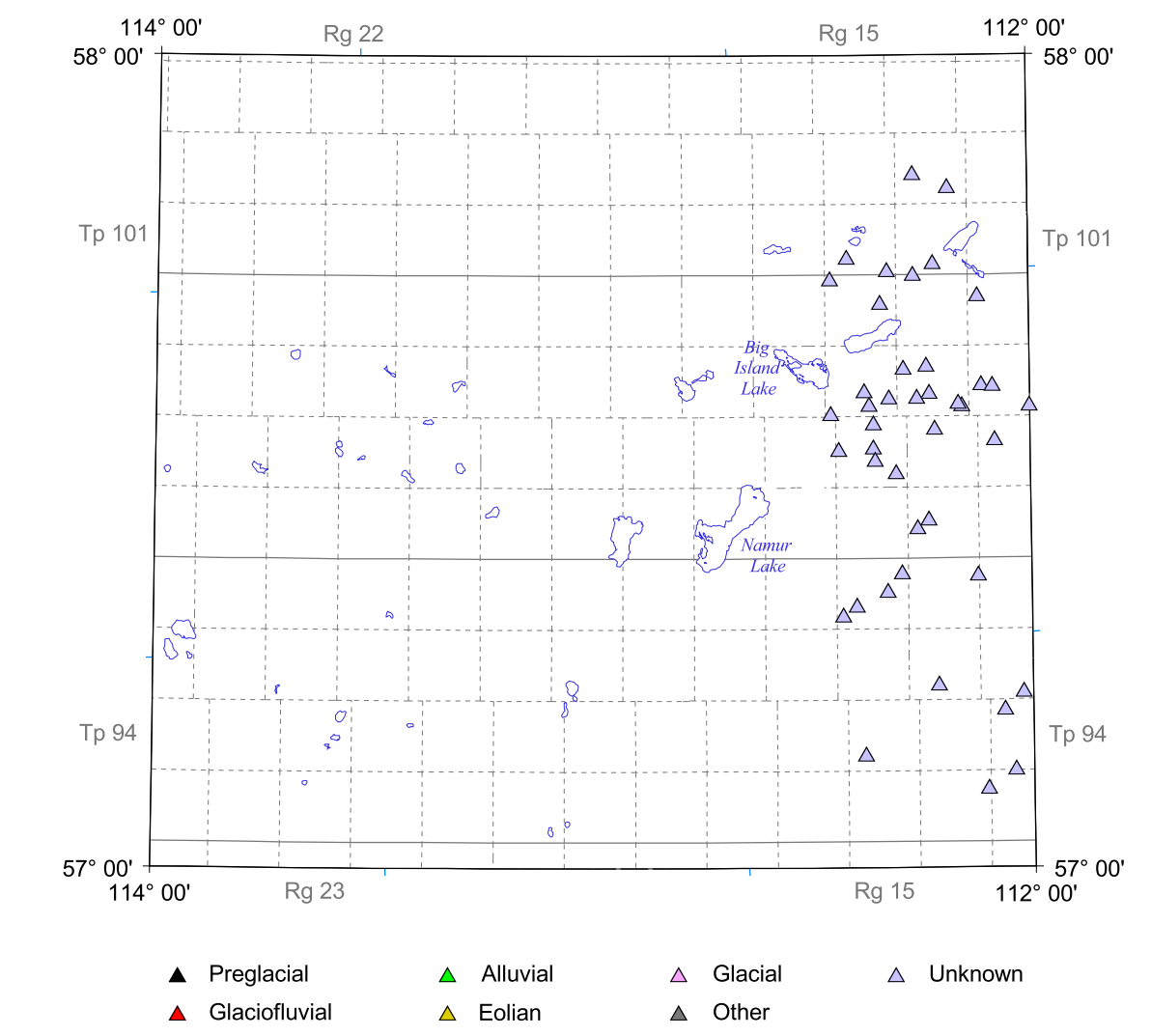
Study Level Definitions:

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:

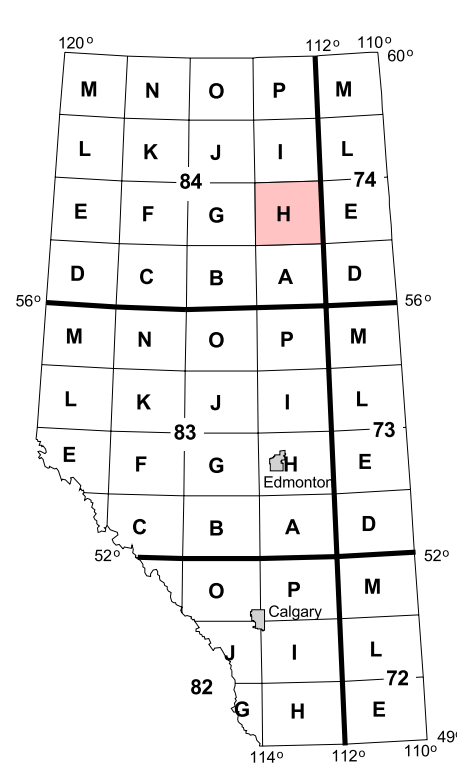
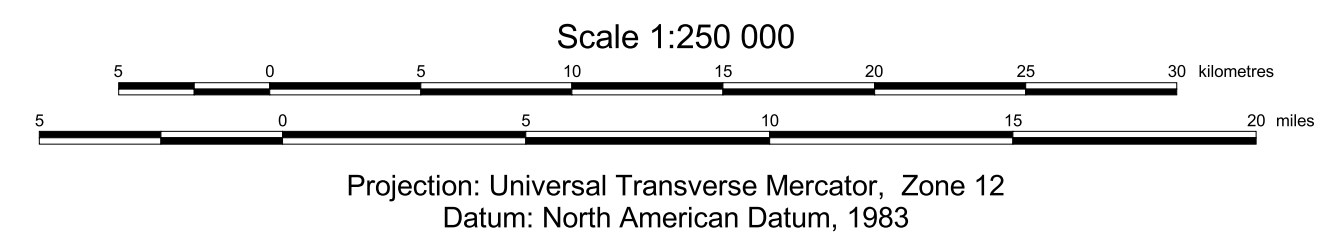
Fox, J.C. (1980): Sand and gravel resources of the Athabasca Oil Sands region northeastern Alberta; Alberta Research Council, OFR 1980-07, 32 p.
 Mollard, J.D. and Mollard, D.G. (1974): Office airphoto study of sand and gravel prospects, vicinity of Fort McMurray, Alberta; report prepared by J.D. Mollard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

Genesis or Geological Feature



Published 2004
 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)
 Geology compiled by: W.A.D. Edwards and H.D. Budney



Acknowledgement:

GIS/Database/ Cartography by:
 M.C. Price, D.K. Chao, Z.A. Amer
 and N.L. Blundon
 Digital base map provided by:
 Spatial Data Warehouse

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