

FEATURES LEGEND

Site Investigated	△
Drillhole	○
Deposit Type	
clean	GRAVEL (red), sandy GRAVEL (orange), gravelly SAND (green), SAND (blue)
dirty/very dirty	(pink, yellow, light green, cyan)
unknown	(light pink, light yellow, light green, light blue)
UNKNOWN deposit type	(grey)

Deposit Type Definitions:

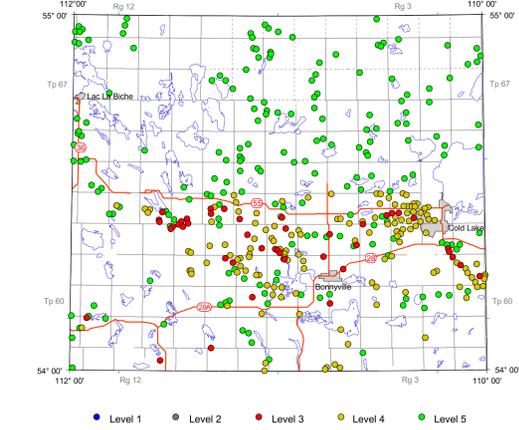
GRAVEL deposit: contains greater than 75% gravel.
 sandy GRAVEL deposit: contains 50% to 75% gravel.
 gravelly SAND deposit: contains 25% to 50% gravel.
 SAND deposit: contains less than 25% gravel.
 UNKNOWN deposit: amount of gravel unknown.
 clean deposit: contains less than 3% silt and clay.
 dirty 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 lines)
River - intermittent	(dashed blue lines)
Road - paved	(solid orange lines)
Road - gravel	(dashed orange lines)
Road - unpaved	(dotted orange lines)
Railway line	(black lines with cross-ticks)
Trail	(dotted black lines)
Park boundary - provincial/national	(green outline)
City/town	(grey outline)
Métis settlement	(purple outline)
Indian reserve	(pink outline)
Township/range - surveyed	(dashed red lines)
Township/range - unsurveyed	(dotted red lines)
UTM, zone 12 grid	(blue grid lines)

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

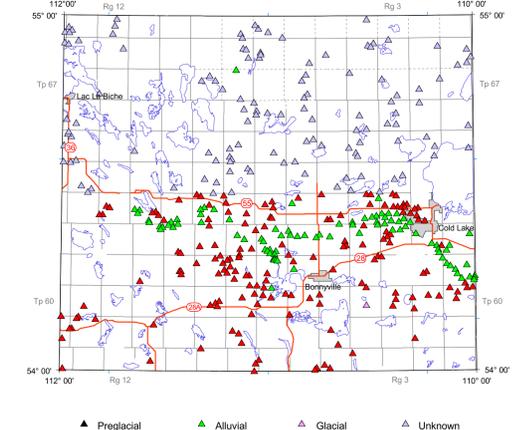
Study Level



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.

Genesis or Geological Feature



▲ Preglacial	▲ Alluvial	▲ Glacial	▲ Unknown
▲ Glaciofluvial	▲ Eolian	▲ Other	

References:

Andriashuk, L.D. and Fenton, M.M. (1989): Quaternary stratigraphy and surficial geology of the Sand River area 73L; Alberta Research Council, Bulletin 57, 154 p.
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 Scafe, D.W., Edwards, W.A.D. and Boisvert, D.R. (1989): Sand and gravel resources of the Wandering River area; Alberta Research Council, OFR 1991-01, 70 p.

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 Alberta Geological Survey
 Telephone: (780) 422-3767
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Map 285
Sand and Gravel Deposits with Aggregate Potential
Sand River, Alberta (NTS 73L)

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