

FEATURES LEGEND

Site investigated	△
Drillhole	○
Deposit Type	
clean	GRAVEL (red), sandy GRAVEL (orange), gravelly SAND (yellow-green), SAND (blue)
dirty/very dirty	(light red), (light orange), (light yellow-green), (light blue)
unknown	(grey), (light grey), (light green), (light 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.

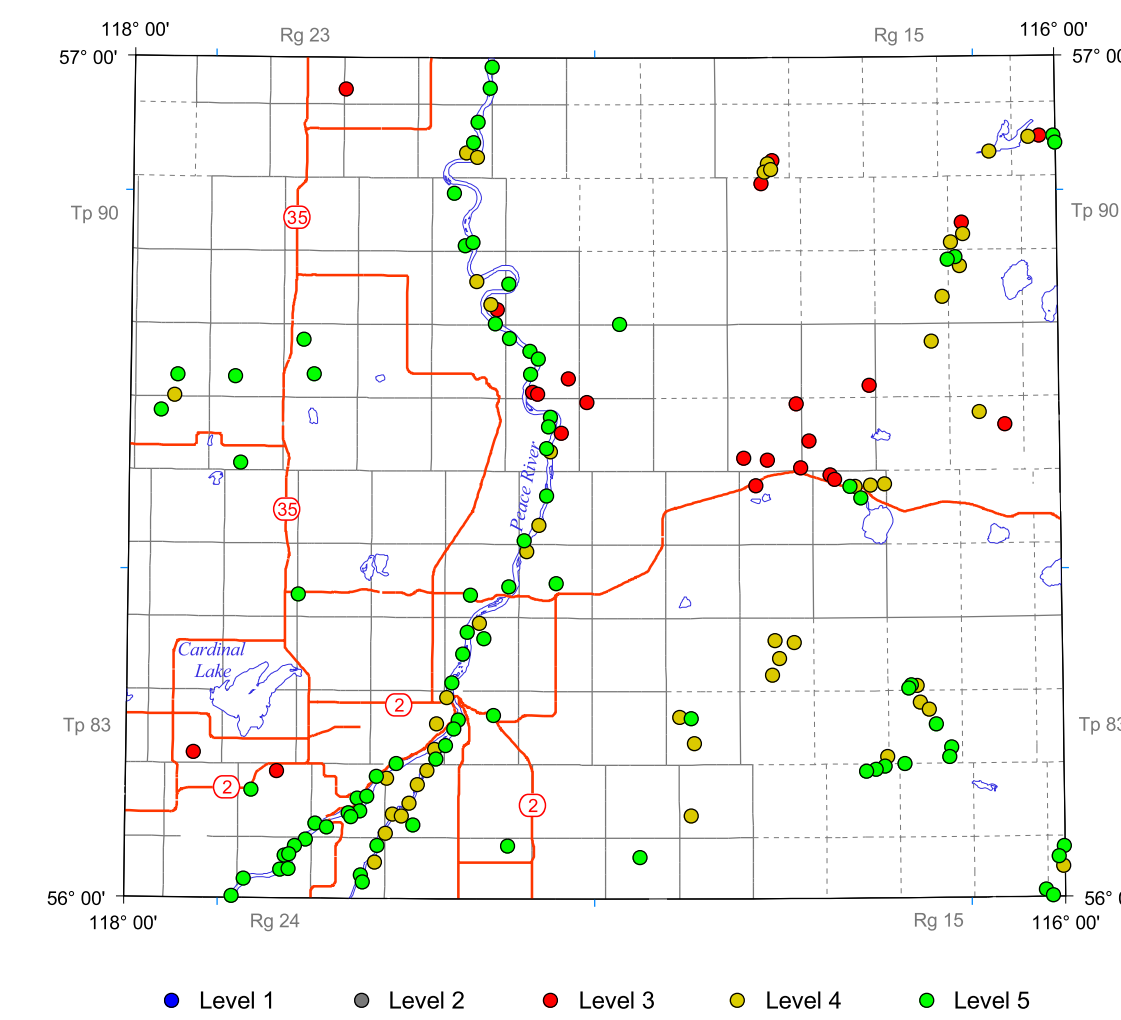
clean deposit: contains less than 3% silt and clay.
 dirty deposit: contains 3% to 10% silt and clay.
 very dirty deposit: contains greater than 10% silt and clay.
 unknown: contains unknown percentage of mixed silt and clay.

BASE MAP LEGEND

River and lake	—
River - intermittent	—
Road - paved	—
Road - gravel	—
Road - unimproved	—
Railway line	—
Trail	—
Park boundary - provincial/national	—
City/town	—
Metis settlement	—
Indian reserve	—
Township/range - surveyed	—
Township/range - unsurveyed	—
UTM, zone 11 grid	—

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

Study Level



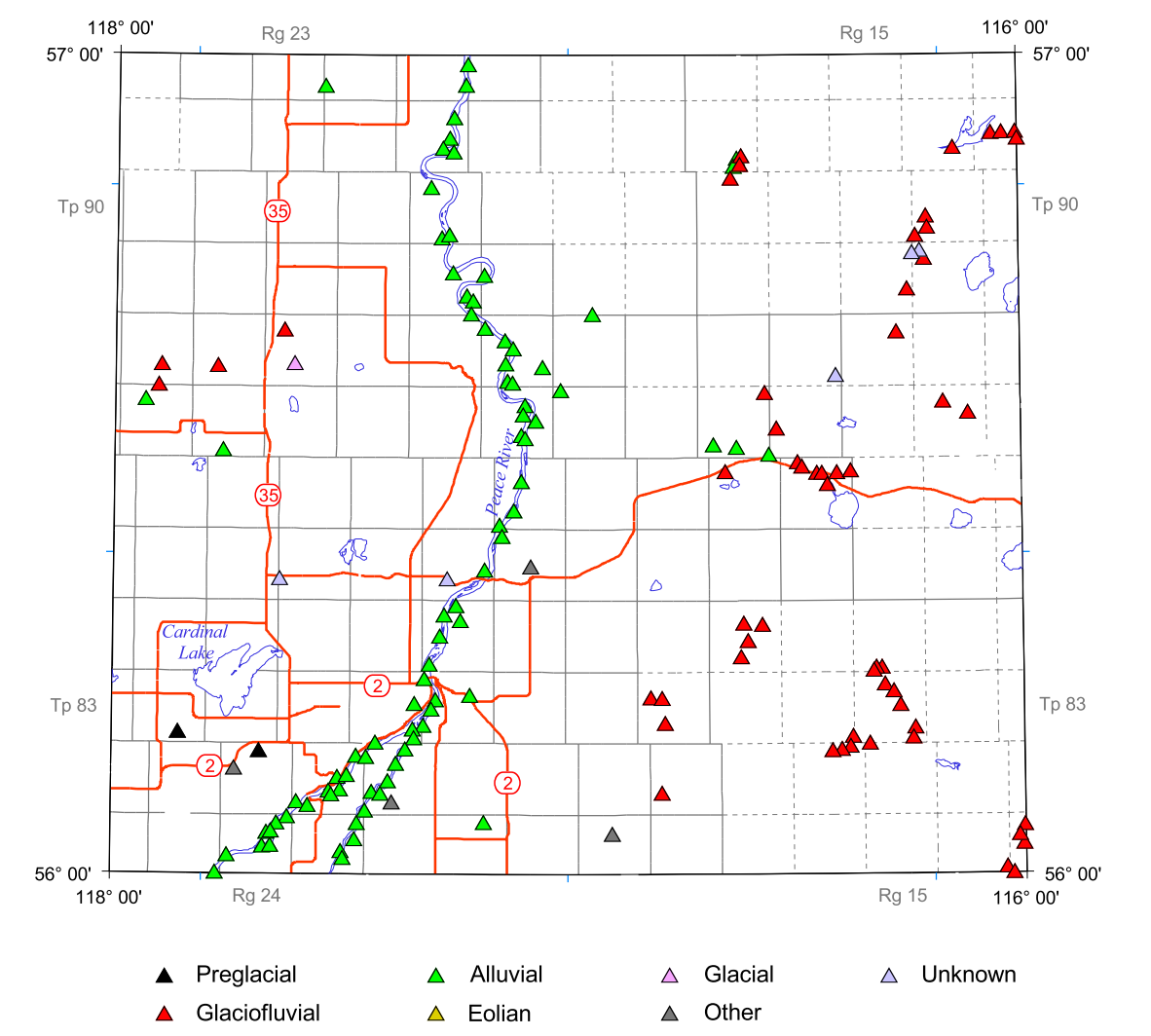
Study Level Definitions:

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. (1985): Aggregate resources of the Bison Lake map area, NTS 84F; Alberta Research Council, Map A84F, scale 1:250 000.
- Fox, J.C., Richardson, R.J.H. and Sham, P.C. (1987): Aggregate resource potential by geological ranking and reserve estimates, Peace River-High Level area, Alberta; Alberta Research Council, Map 210, scale 1:500 000.
- Fox, J.C., Richardson, R.J.H., Gowan, R. and Sham, P.C. (1987): Surficial geology of the Peace River-High Level Area, Alberta; Alberta Research Council, Map 205, scale 1:500 000.
- Richardson, R.J.H. and Sham, P. (1985): Aggregate resources of the Peace River map area, NTS 84C; Alberta Research Council, Map A84C, scale 1:250 000.
- Scafe, D.W. and Sham, P.C. (1986): Sand and gravel resources of the Peerless Lake (south half of 84B) and Lesser Slave Lake (north half of 83O) map areas, Alberta; Alberta Research Council, OFR 1986-05, 26 p.
- Scafe, D.W., Edwards, W.A.D. and Boisvert, D.R. (1989): Sand and gravel resources of the Peace River area, Alberta Research Council, OFR 1991-21, 48 p.

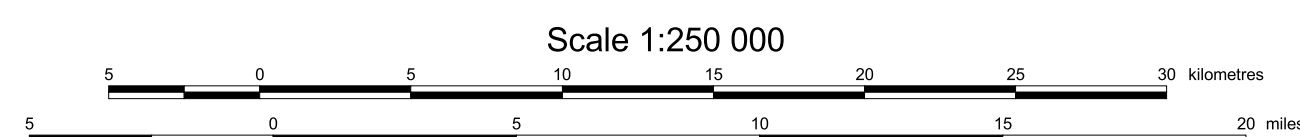
Genesis or Geological Feature



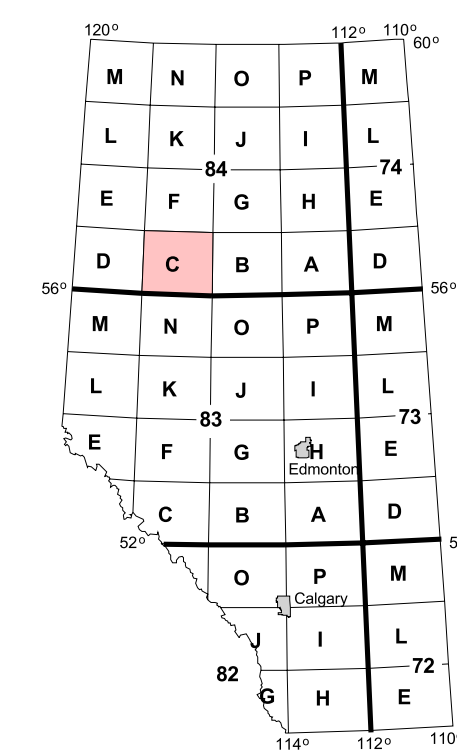
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 Information Sales
 Alberta Geological Survey
 Telephone: (780) 422-3767
 Web site: www.ag.s.gov.ab.ca

Map 303
Sand and Gravel Deposits with Aggregate Potential
Peace River, Alberta (NTS 84C)

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Projection: Universal Transverse Mercator, Zone 11
 Datum: North American Datum, 1983



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 and N.L. Blundon

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