

FEATURES LEGEND

| | |
|----------------------|-----------------------|
| Site investigated | △ |
| Drillhole | ○ |
| Deposit Type | |
| clean | GRAVEL (Red) |
| dirty/very dirty | sandy GRAVEL (Orange) |
| unknown | gravelly SAND (Green) |
| UNKNOWN deposit type | SAND (Blue) |

Deposit Type Definitions:

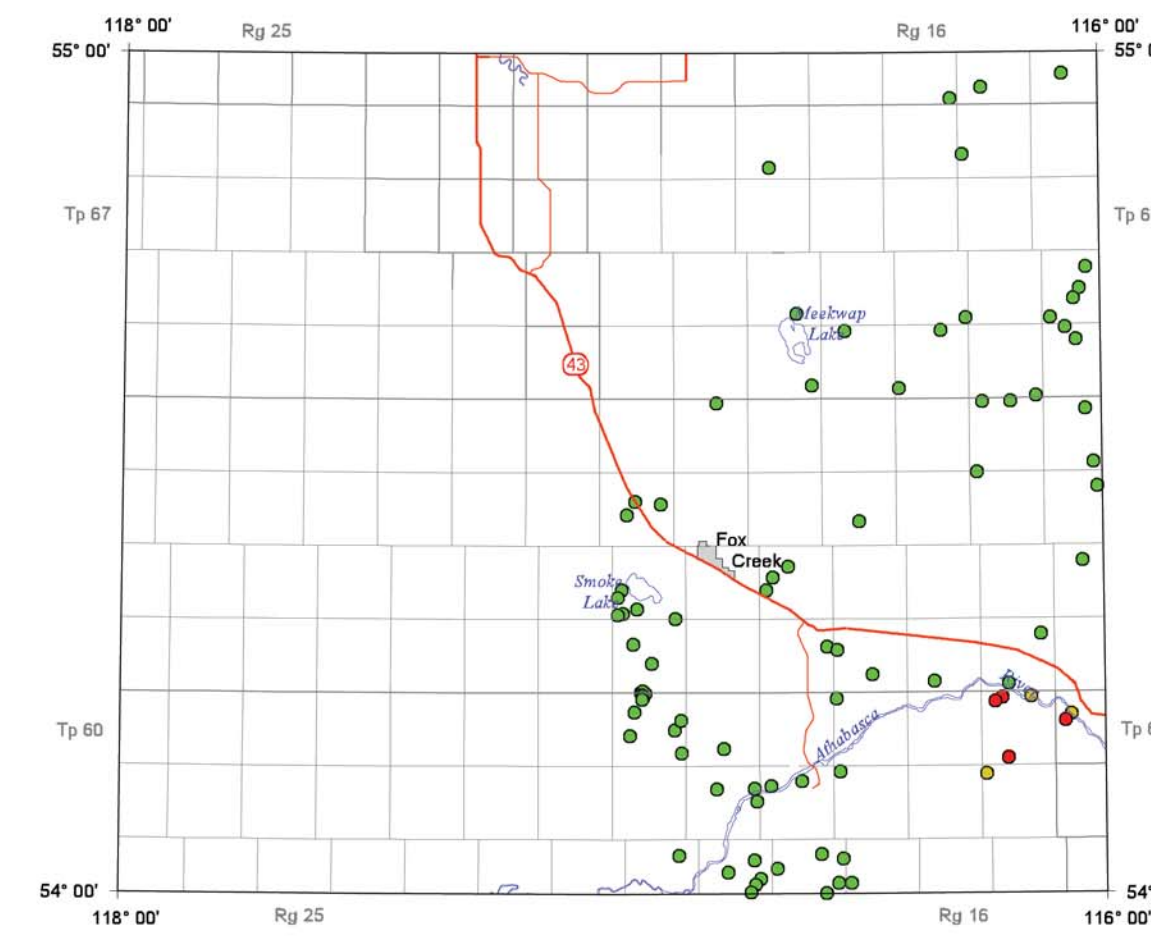
GRAVEL deposit: contains greater than 75% gravel.
 sandy GRAVEL deposit: contains 50% to 75% gravel.
 gravelly SAND deposit: contains 25% to 50% gravel.
 SAND deposit: contains less than 25% gravel.
 UNKNOWN deposit: amount of gravel unknown.
 clean deposit: contains less than 3% silt and clay.
 dirty 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 | + |

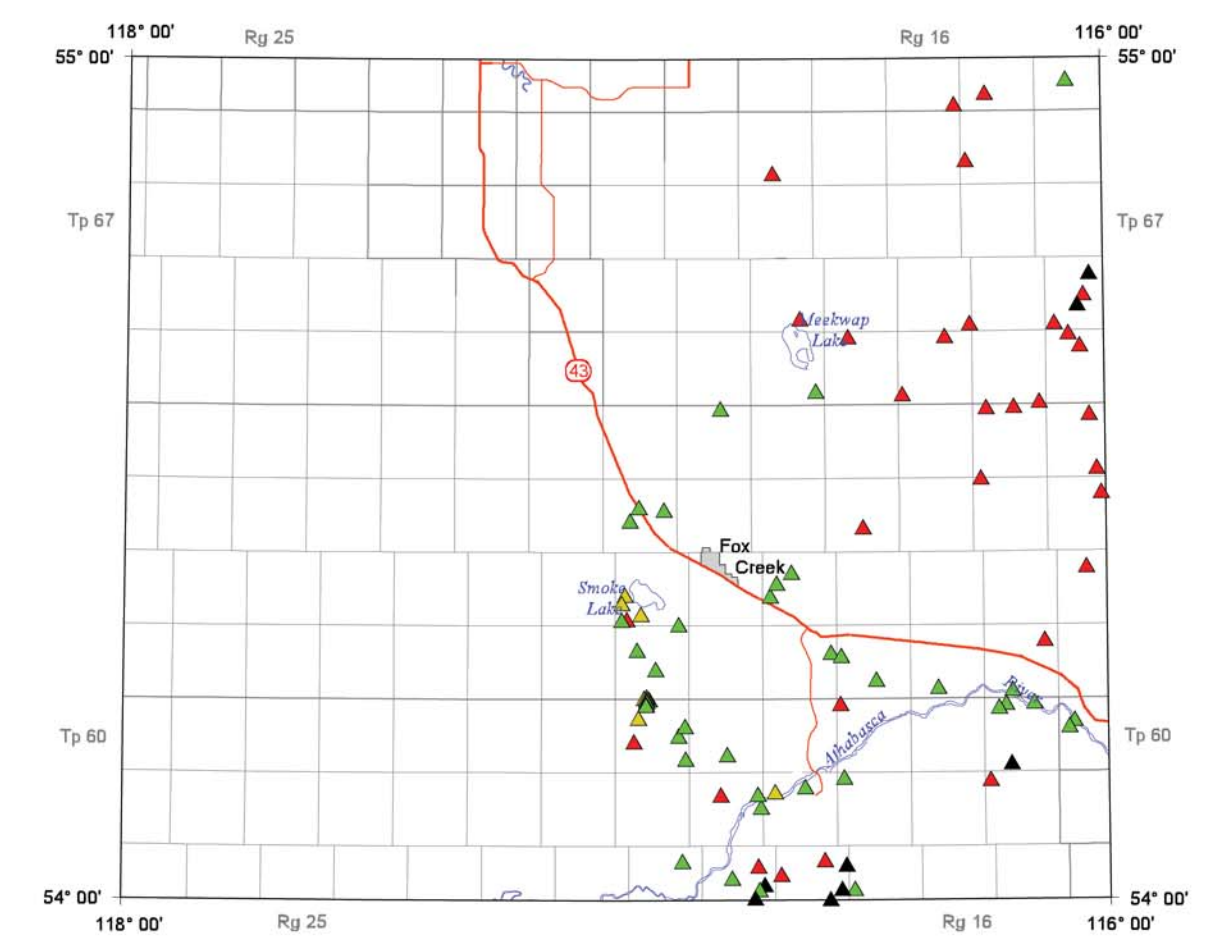
This is a common map legend. Not all units may be present on this map.

Study Level



● Level 1 ● Level 2 ● Level 3 ● Level 4 ● Level 5

Genesis or Geological Feature



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

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.

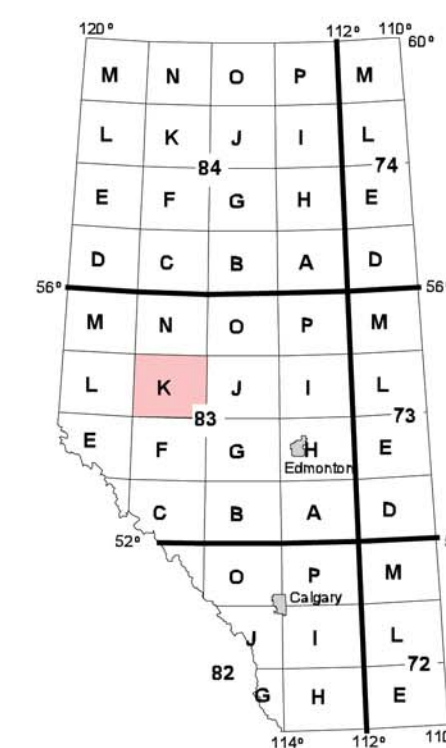
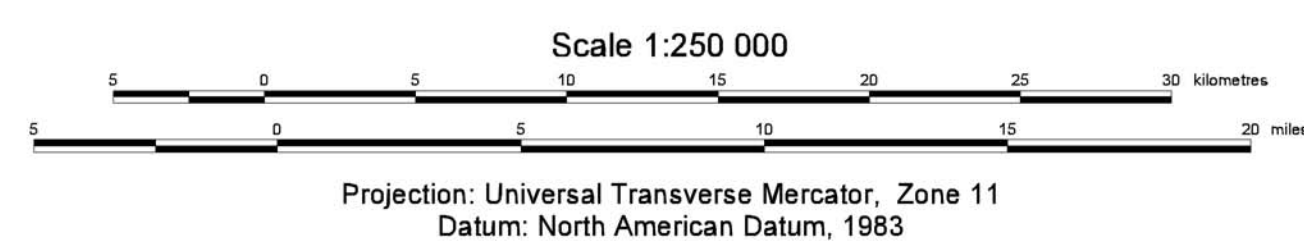
References:

Peterson, B.N. (1980): Sand and gravel resources of the Whitecourt area, Alberta, Alberta Research Council, OFR 1980-04, 40 p.
 Peterson, B.N. (1982): Aggregate resources of the Windfall Creek map area, NTS 83K/1, Alberta Geological Survey, Map A83K01, scale 1:50 000.
 St-Onge, D.A. (1968): Surficial geology, Iosegun Lake (east half), Geological Survey of Canada, Map 15-1968, scale 1:253 440.

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

Map 299
Sand and Gravel Deposits with Aggregate Potential
Iosegun Lake, Alberta (NTS 83K)

Geology compiled by: W.A.D. Edwards, H.D. Budney, T. Berezniuk and M.J. Cadrin



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