

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:

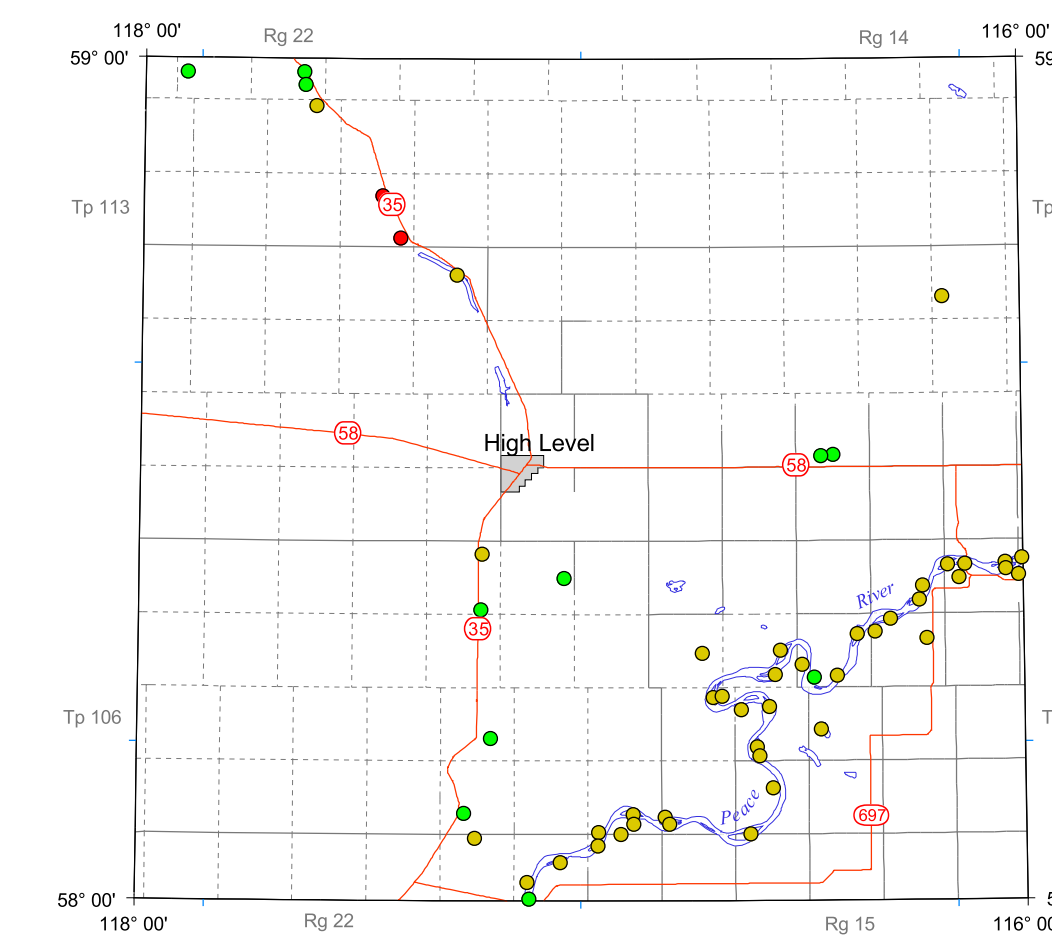
GRAVEL deposit: contains greater than 75% gravel.
 sandy GRAVEL deposit: contains 50% to 75% gravel.
 gravelly SAND deposit: contains 25% to 50% gravel.
 SAND deposit: contains less than 25% gravel.
 UNKNOWN deposit: amount of gravel unknown.
 clean deposit: contains less than 3% silt and clay.
 dirty 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 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	(dotted black line)
Park boundary - provincial/national	(green dashed line)
City/town	(grey area)
Native reserve	(purple area)
Indian reserve	(pink area)
Township/range - surveyed	(dashed red line)
Township/range - unsurveyed	(dashed orange line)
UTM, zone 11 grid	(blue crosshair)

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

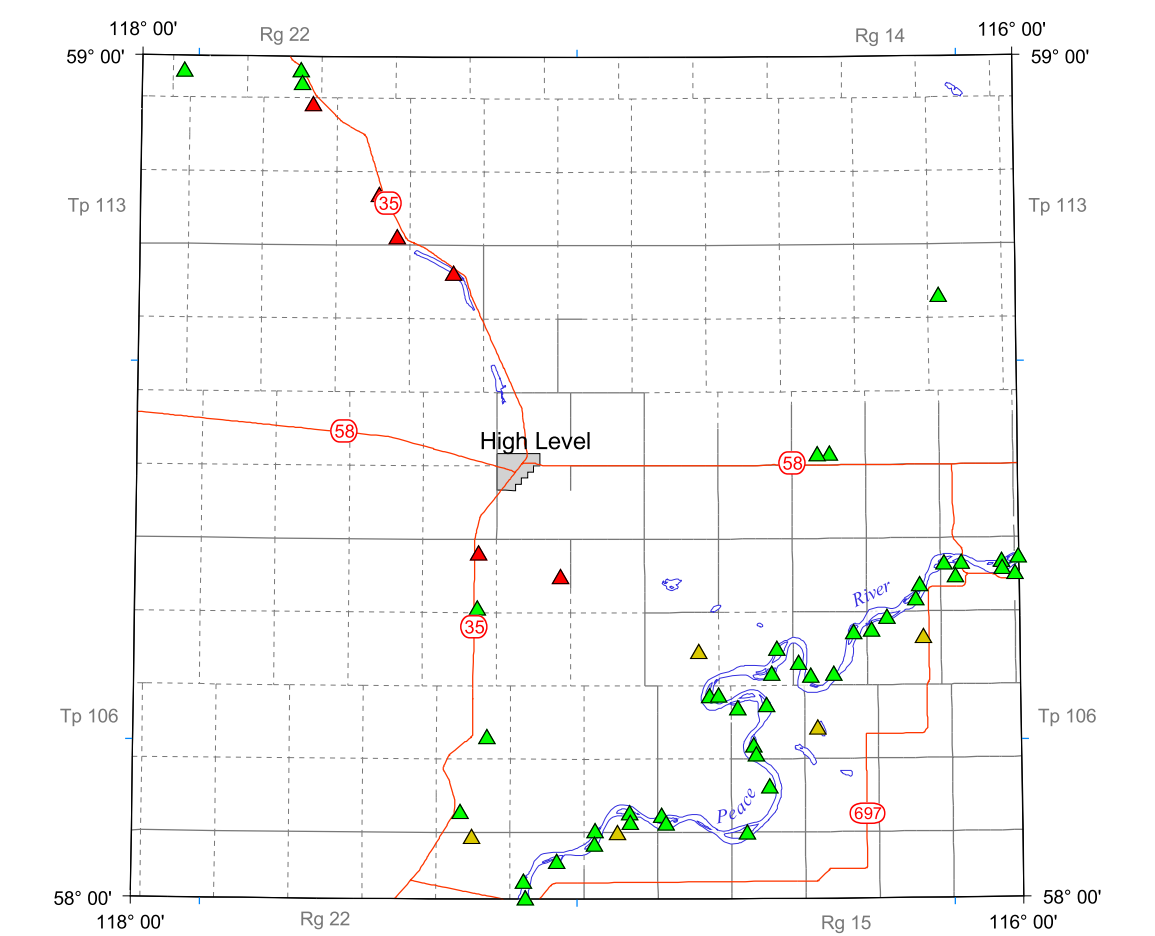
Study Level Definitions:

- 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. (1985): Aggregate resources of the Mount Watt map area, NTS 84K; Alberta Research Council, Map A84K, scale 1:250 000.
 Fox, J.C. (1985): Sand and gravel resources of the Vermilion Chutes map area, NTS 84J; Alberta Research Council, Map A84J, 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.

Genesis or Geological Feature



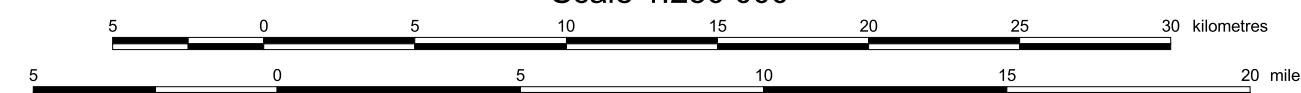
▲ Preglacial ▲ Alluvial ▲ Glacial ▲ Other
 ▲ Glaciofluvial ▲ Eolian

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 Alberta Geological Survey
 Telephone: (780) 422-3767
 Web site: www.ags.gov.ab.ca

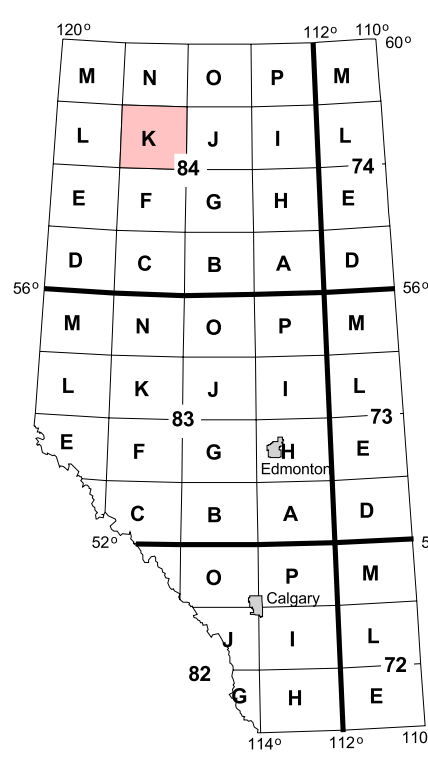
Map 308
Sand and Gravel Deposits with Aggregate Potential
Mount Watt, Alberta (NTS 84K)

Geology compiled by: W.A.D. Edwards, H.D. Budney, T. Berezniuk and L. Butkovic

Scale 1:250 000



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



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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