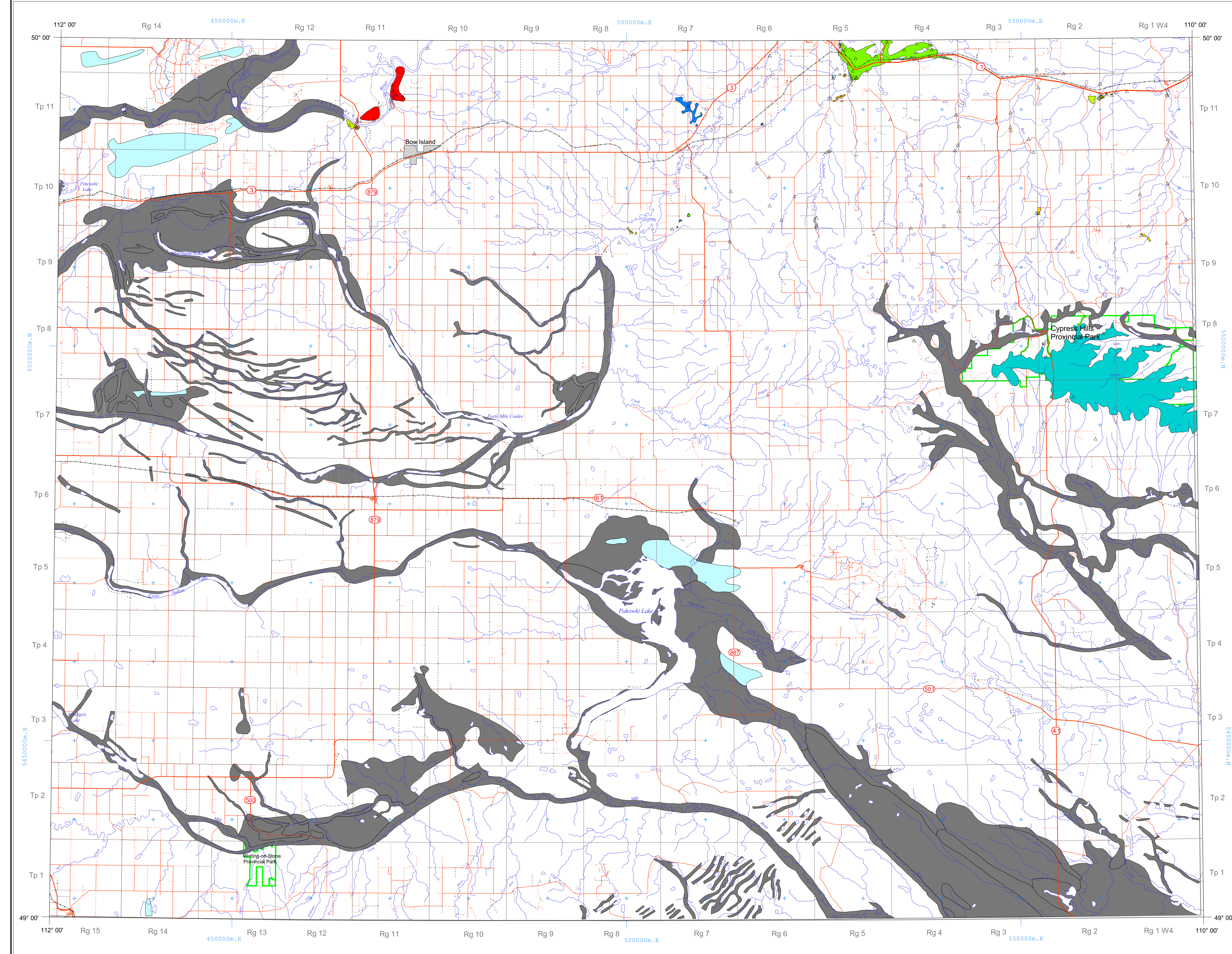


NTS 72E
AGGREGATE



FEATURES LEGEND

Site investigated	△
Drift hole	○
Deposit Type	
clean	GRVEL (red)
dirty/very dirty	sandy GRVEL (orange)
unknown	gravelly SAND (green)
UNKNOWN deposit type	SAND (blue)

Deposit Type Definitions:

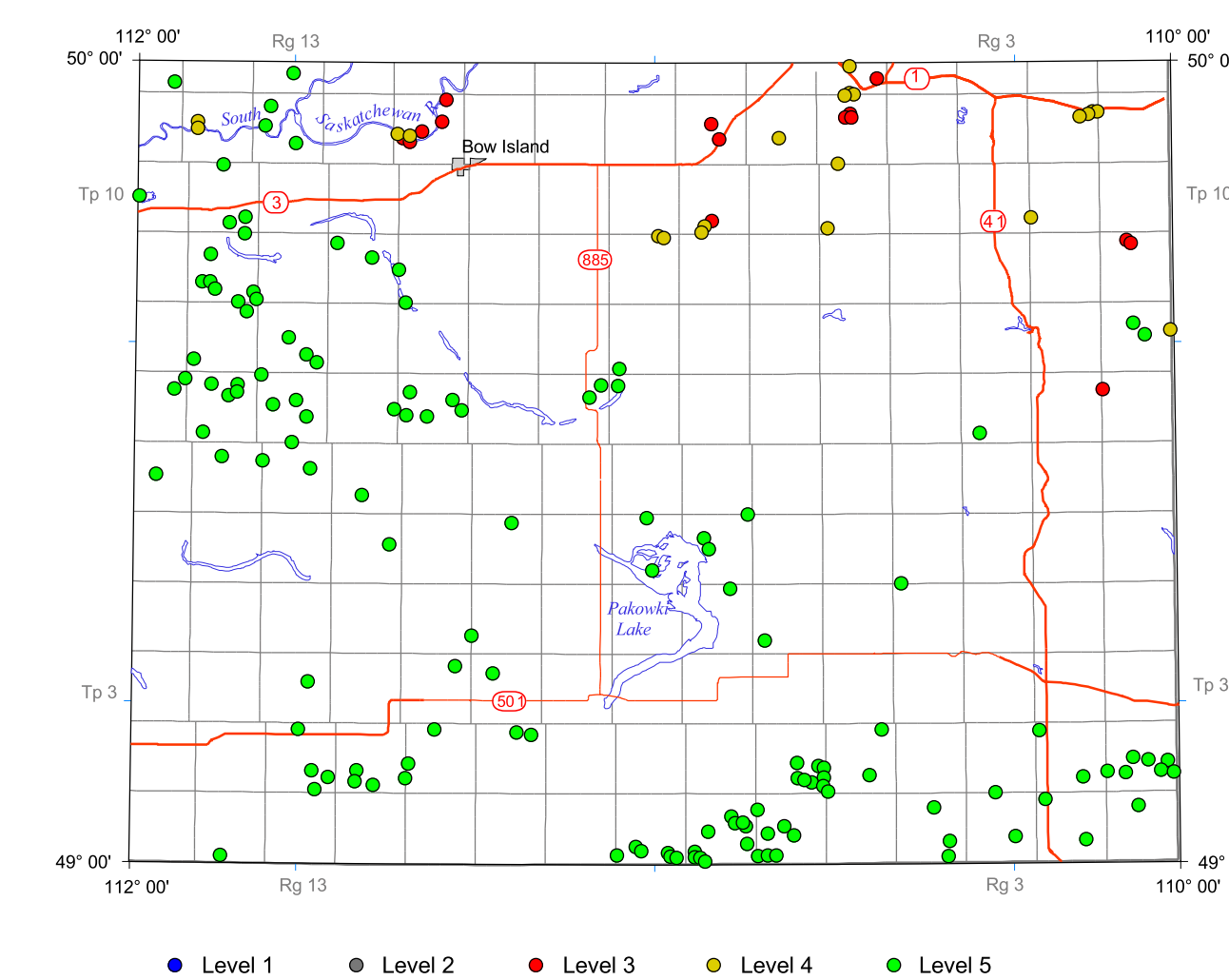
GRVEL deposit: contains greater than 75% gravel.
 sandy GRVEL deposit: contains 50% to 75% gravel.
 gravelly SAND deposit: contains 25% to 50% gravel.
 SAND deposit: contains less than 25% gravel.
 UNKNOWN deposit: amount of gravel unknown.
 clean deposit: contains less than 3% silt and clay.
 dirty 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	—
Mtts settlement	—
Indian reserve	—
Township/range - surveyed	—
Township/range - unsurveyed	—
UTM, zone 12 grid	—

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

Study Level



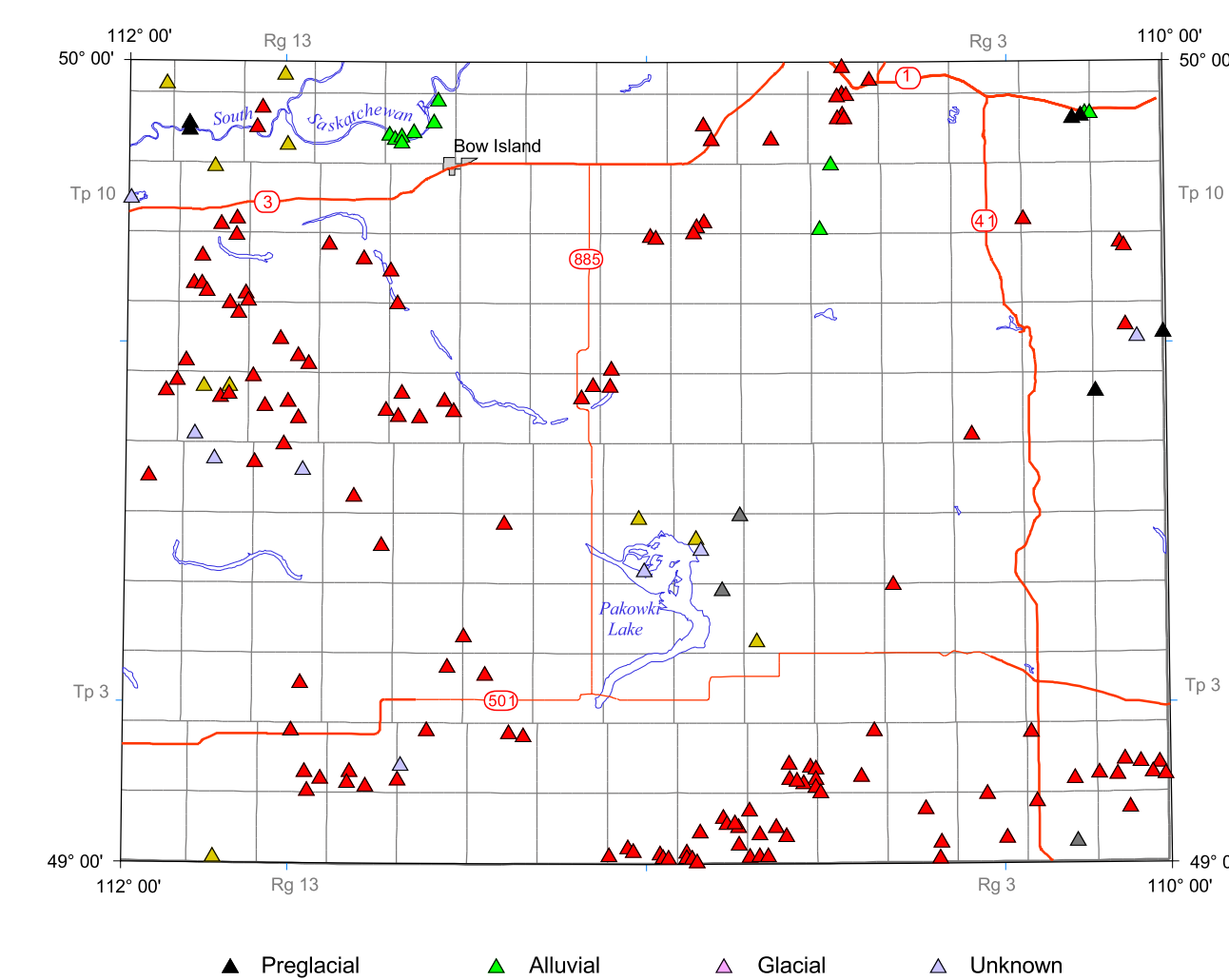
Study Level Definitions:

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:

- Edwards, W.A.D. (1981): Aggregate resources of the Irvine map area, NTS 72E/16; Alberta Research Council, Map A72E16, scale 1:50 000.
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- Westgate, J.A. (1968): Surficial geology of the Foremost-Cypress Hills area, Alberta; Research Council of Alberta, Bulletin 22, 122 p.

Genesis or Geological Feature

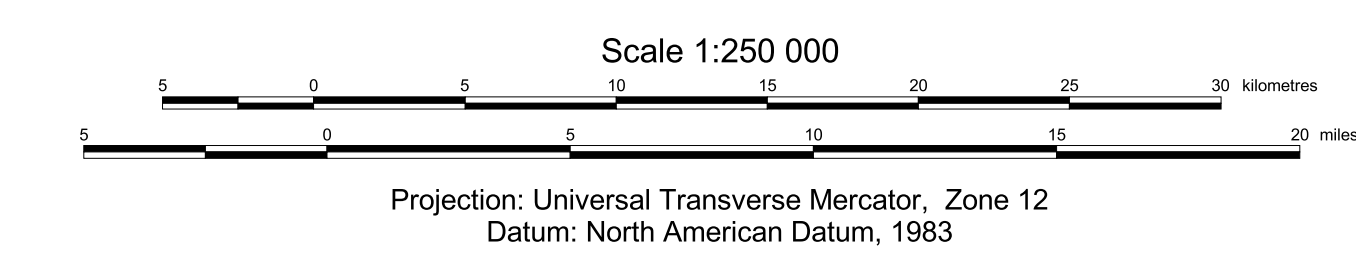


▲ Preglacial ▲ Alluvial ▲ Glacial ▲ Other
 ▲ Eolian

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 Alberta Geological Survey
 Telephone: (780) 425-3767
 Web site: www.ags.gov.ab.ca

Map 296
**Sand and Gravel Deposits with Aggregate Potential
 Foremost, Alberta (NTS 72E)**

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