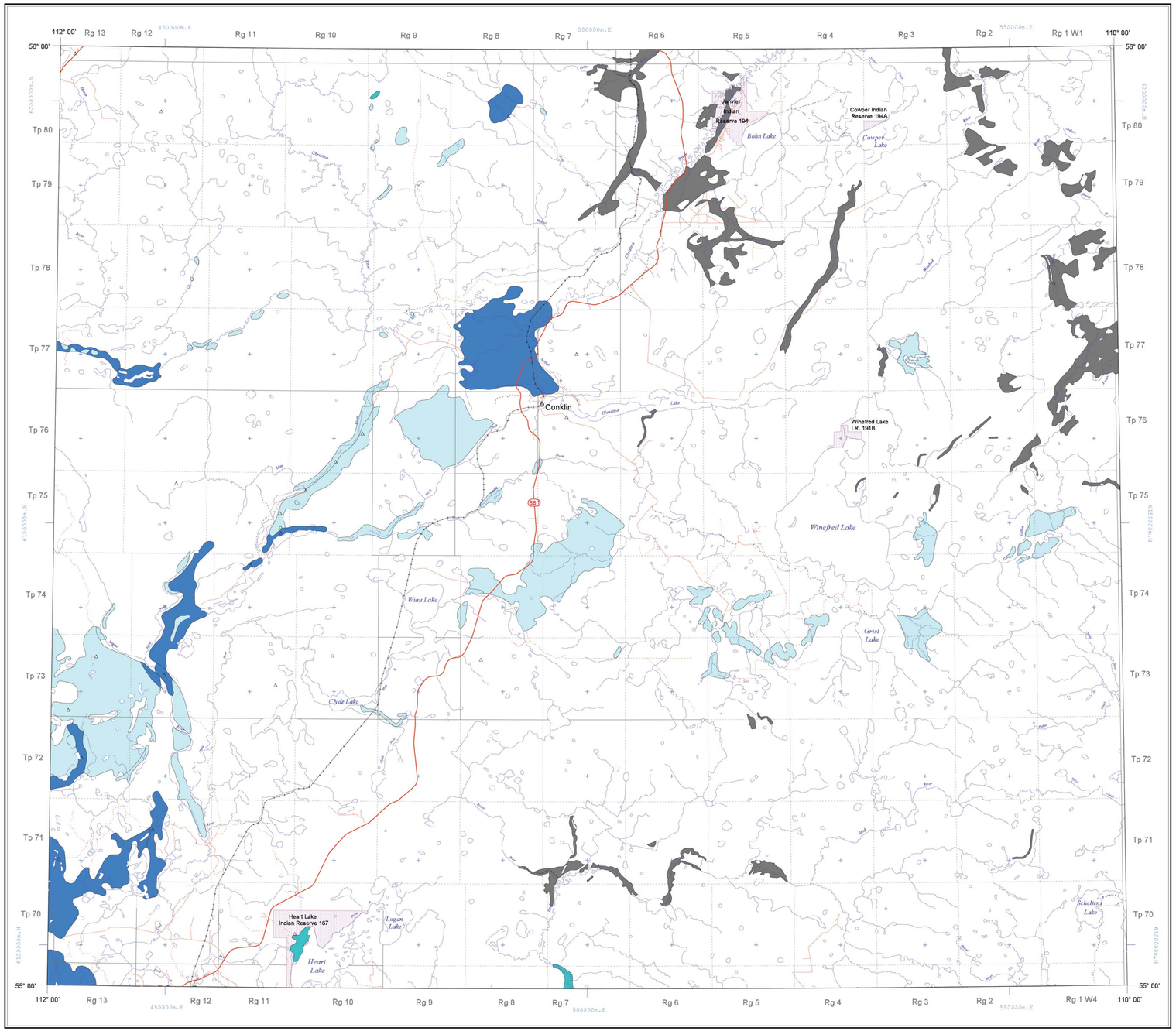
NTS 73M
AGGREGATE



FEATURES LEGEND

Site investigated △
Drillhole ○

Deposit Type	GRAVEL	sandy GRAVEL	gravelly SAND	SAND
clean				
dirty/ very dirty				
unknown				

UNKNOWN deposit type

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.

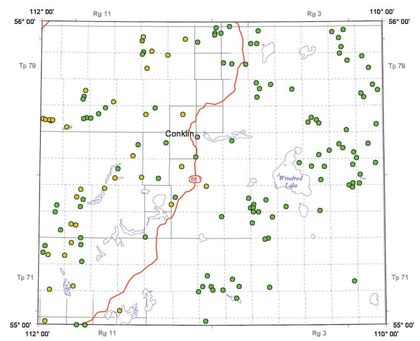
clean deposit: contains less than 3% silt and clay.
dirty deposit: contains 3% to 10% silt and clay.
very dirty deposit: contains greater than 10% silt and clay.
unknown: contains unknown percentage of mixed silt and clay.

BASE MAP LEGEND

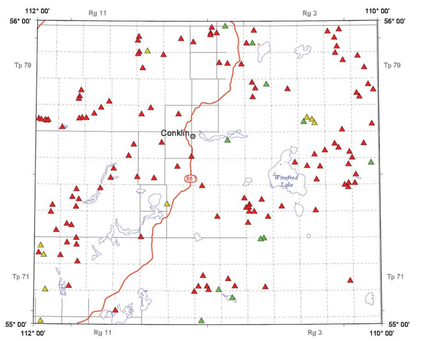
- River and lake
- River - intermittent
- Road - paved
- Road - gravel
- Road - unimproved
- Railway line
- Trail
- Park boundary - provincial/national
- City/town
- Metis settlement
- Indian reserve
- Township/range - surveyed
- Township/range - unsurveyed
- UTM, zone 12 grid + 450000m.E

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

Study Level



Genesis or Geological Feature



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.

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Mollard, J.D. and Mollard, D.G. (1974): Office airphoto study of sand and gravel prospects, vicinity of Fort McMurray, Alberta; Alberta Geological Survey, J.D. Mollard and Associates Limited, prepared for Alberta Department of Lands and Forests, 14 p.

Scafe, D.W., Edwards, W.A.D. and Boisvert, D.R. (1989): Sand and gravel resources of the Wandering River area; Alberta Research Council, Alberta Geological Survey, OFR 1991-01, 70 p.

Published 2006

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

Map 286

Sand and Gravel Deposits with Aggregate Potential Winefred Lake, Alberta (NTS 73M)

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

Scale 1:250 000

5 0 5 10 15 20 25 30 kilometres
5 0 5 10 15 20 miles

Projection: Universal Transverse Mercator, Zone 12
Datum: North American Datum, 1983

Acknowledgement:

GIS/Data Base/Cartography by:
M.C. Price, D.K. Chao, Z.A. Amer and N.L. Clarke.

Digital base map provided by:
Spatial Data Warehouse

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