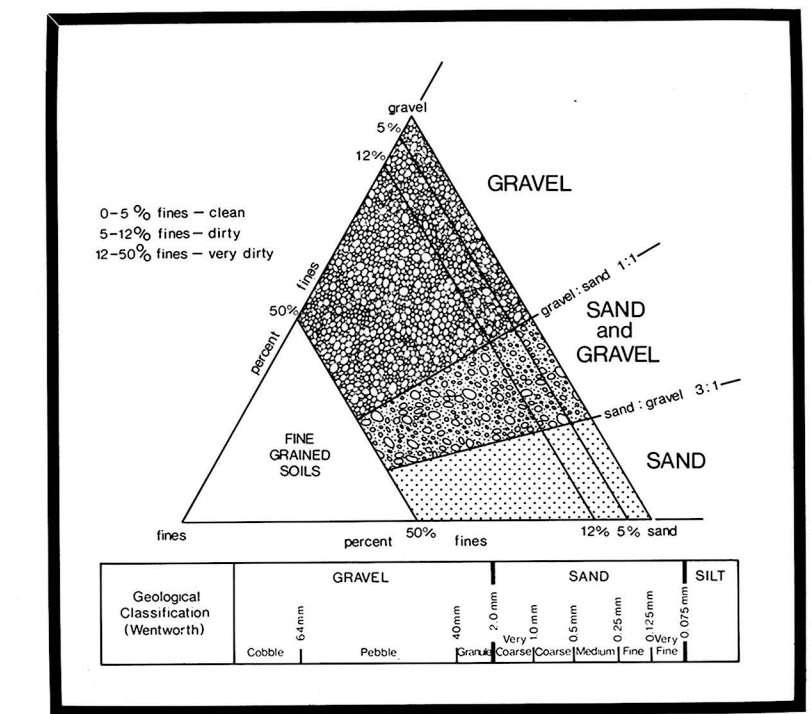


NOT  
MAPPED

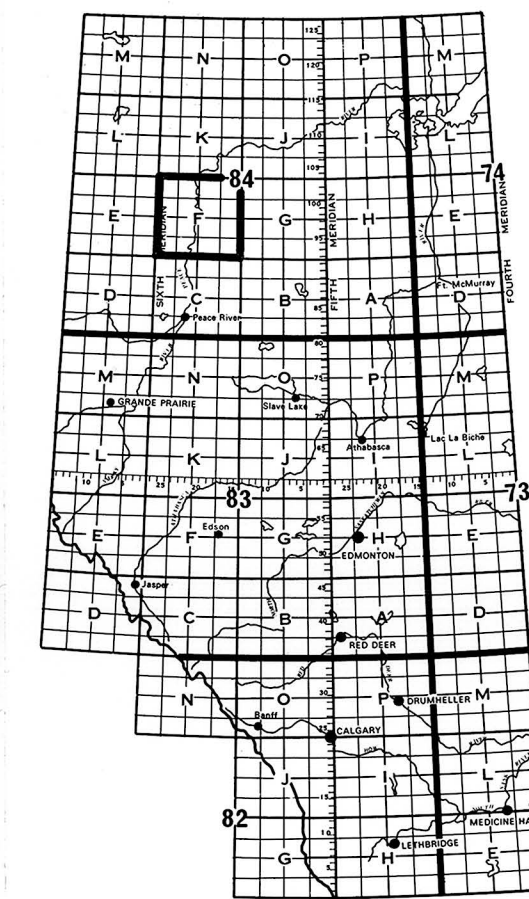
This reconnaissance-level, aggregate potential map is derived from published information, aerial photograph interpretation and limited field checking. As such, deposit outlines are assumed and material descriptions are either assumed or approximate. The sources of information used to produce this map are listed below and terms used in the legend are defined in the ternary diagram.

- 1 Gravel, coarse, clean
  - 2 Sand and gravel, clean
  - 3 Sand and gravel, clean to dirty
  - 4 Sand and gravel, dirty to very dirty
  - 5 Sand, very coarse to medium grained, clean
  - 6 Sand, very coarse to medium grained, dirty
  - 7 Sand, fine grained, clean
  - 8 Sand and gravel-thin, discontinuous, or inadequately known
- ▲ Site
  - ⊙ Pit, active or inactive
  - ▨ Sand and gravel, buried
- \*unit not occurring on this map

- a Thick (> 1.5 m) and/or continuous
- b Thin (< 1.5 m) and/or discontinuous



- Published sources of information
1. Agriculture Canada (1984): Preliminary physiographic map of Alberta; personal communication.
  2. Bayrock, L.A. (1959): Surface geology, Appendix: in Exploratory soil survey of Alberta map sheets 84-D (north half), 84-E, 84-F, and 84-G; Alberta Research Council, Preliminary Soil Survey Report 59-1, pp. 42-44.
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  4. Green, R. (1972): Geological Map of Alberta; Alberta Research Council Map no. 35.
  5. Greenlee, G.M. (1979): Soil survey and interpretation for recreational use of an area at the junction of the Notikewin and Peace Rivers; Alberta Research Council, Earth Sciences Report 78-4, 45 p.
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  7. Matthews, W.H. (1980): Retreat of the last ice sheets in northeastern British Columbia and adjacent Alberta; Bulletin 331, Geological Survey of Canada, 22 p.
  8. Reeder, S.W. and W. Odynsky (1969): Reconnaissance soil survey of the Hotchkiss and Keg River area; Alberta Research Council, Report no. 89, 90 p.
  9. Scheelar, M.D. and W. Odynsky (1968): Reconnaissance soil survey of the Grimshaw and Notikewin area; Alberta Research Council, Report no. 88, 80 p.
  10. Shaw, J. and R. Kellerhals (1982): The composition of recent alluvial gravels in Alberta river beds; Alberta Research Council, Bulletin 41.
- Other sources of information
1. Aerial photographs, 1981-1982, AS2612-2613, 2322, 2324-2327, Alberta Energy and Natural Resources.



### Aggregate Resources

84F Bison Lake 1:250,000

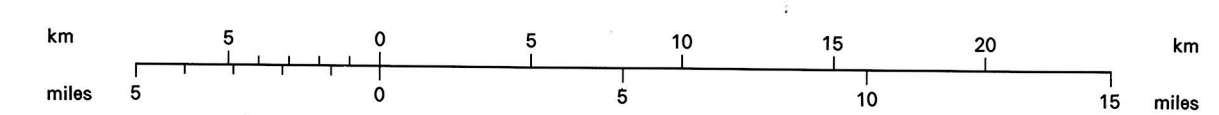
J.C. Fox  
Field assistant: H. Berhane  
Published 1985  
Geology and compilation 1984  
Open file report 1985-22

This sand and gravel resource map was prepared by the Alberta Geological Survey as part of an ongoing aggregate inventory of Alberta. This information shown on this map is intended for general land-use planning, land management and aggregate exploration until such time as more detailed maps or reports are available for the area.  
Cartography by Alberta Research Council

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84F OFR 1985-22