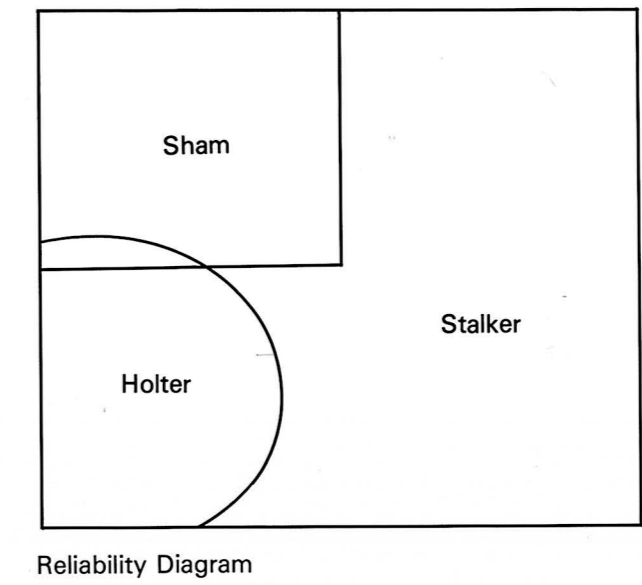
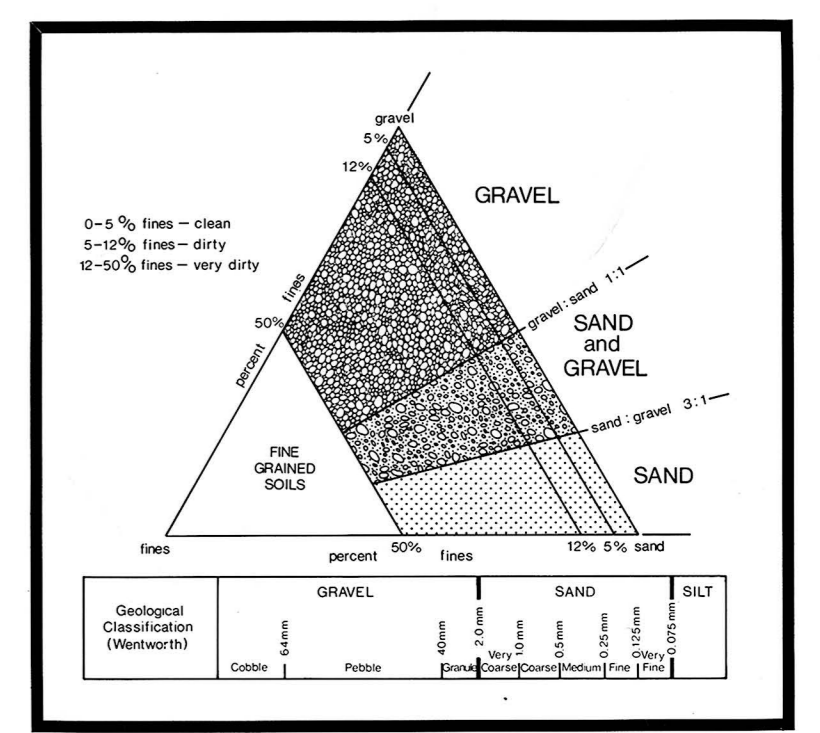


This reconnaissance-level, aggregate potential map is derived from published surficial geology (and aggregate) information. No field checking, beyond the original mapping, was conducted and unit delineations and descriptions are estimates only. Terms used in the legend are defined in the chart below and ternary diagram (after Wentworth and the Unified Soil Classification System). The sources of information used are described in the inset map and list of sources.

- 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
  - x Pit, active or inactive
  - // Sand and gravel, buried
- \*unit not occurring on this map



Compiled by P. Sham, 1981, from:

Stalker, A. MacS., Red Deer - Stettler area, Alberta (83A): Map 1081A, scale 1 inch - 4 miles. Accompanies G.S.C. Memoir 306, Geological Survey of Canada, 1960.

Holter, M.E., Gravel resources of the Red Deer area: Report 75-3, Alberta Research Council, 1975.

Sham, P., Sand and gravel resources, Chain Lake, Alberta (83A/11): Alberta Research Council, Open file report series 1981-7, 1:50,000, 1980.

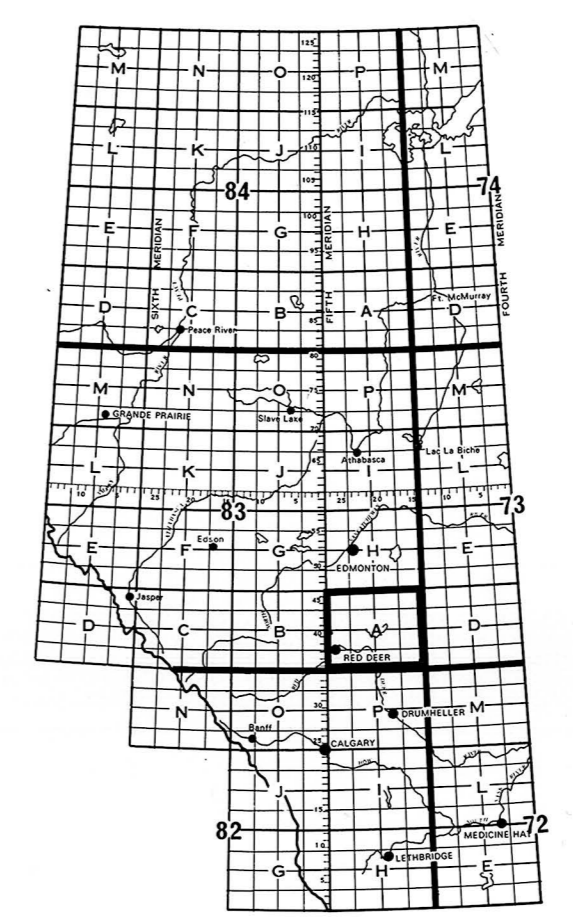
Sham, P., Sand and gravel resources, Ponoka, Alberta (83A/13): Alberta Research Council, Open file report series 1981-7, 1:50,000, 1980.

Sham, P., Sand and gravel resources, Bearhills, Alberta (83A/13): Alberta Research Council, Open file report series 1981-7, 1:50,000, 1980.

Sham, P., Sand and gravel resources, Wetaskiwin, Alberta (83A/14): Alberta Research Council, Open file report series 1981-7, 1:50,000, 1980.



Alberta Geological Survey



This sand and gravel resource map was prepared by the Alberta Geological Survey as part of an ongoing aggregate inventory of Alberta. The information shown on this map was derived from existing surficial geology maps and 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.

**AGGREGATE RESOURCES**

1:250,000

RED DEER 83A

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