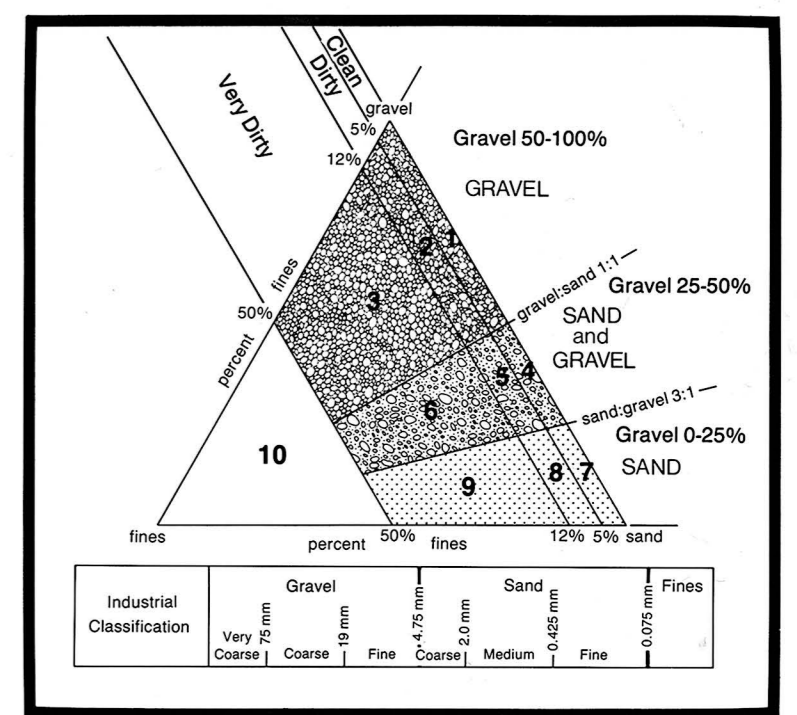


This reconnaissance-level, aggregate potential map is derived from published information, aerial photograph interpretation and limited field checking. As such, deposit outlines are assumed and material descriptions are either assumed or approximate. The sources of information used to produce this map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

- 1 Gravel, clean
- 2 Gravel, dirty
- 3 Gravel, very dirty
- 4 Sand and gravel, clean
- 5 Sand and gravel, dirty
- 6 Sand and gravel, very dirty
- 7 Sand, clean
- 8 Sand, dirty
- 9 Sand, very dirty
- 10 Fine grained materials

- a High water table
- b Overburden thickness greater than resource thickness
- c Crushing may be necessary
- d Deleterious factors present:
eg. iron stain, oil stain, carbonate coatings,
ironstone, soft shale, soft sandstone,
coaly fragments, etc.
- e Thin and/or discontinuous
- f Limited data
- g Deposit depleted or nearly depleted
- h Poor access



Published sources of information

Boydell, A.N. (1970, 1971), Bayrock, L.A. (1970), and Reimchen, T.H.F. (1969): Surficial geology of the Rocky Mountain House area NTS 83B, Alberta; Alberta Research Council map, scale 1:250 000.

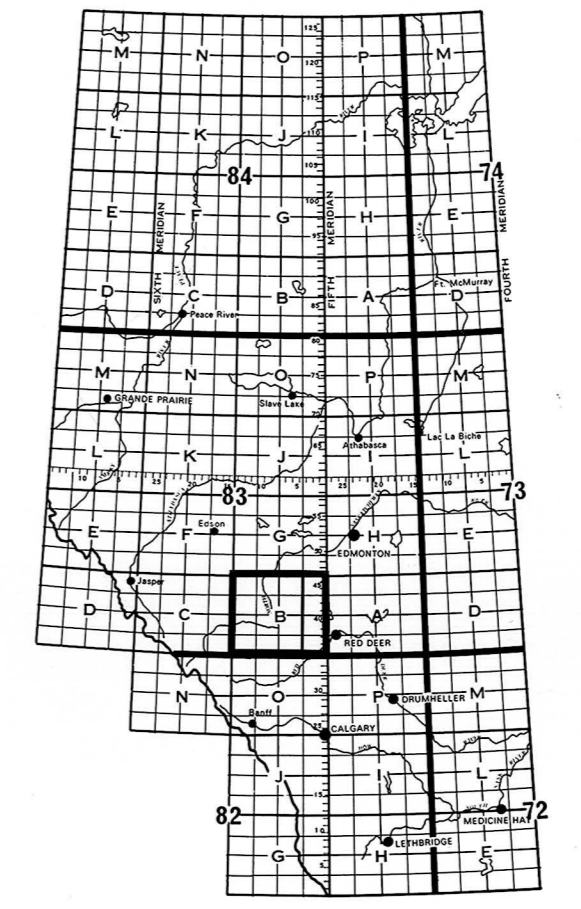
Boydell, A.N. (1972): Multiple glaciation in the Foothills, Rocky Mountain House area, Alberta; unpublished Ph.D. thesis, University of Calgary, 128 pages.

Carlson, V.A. (1971): Bedrock topography of the Rocky Mountain House area NTS 83B, Alberta; Alberta Research Council map, scale 1:250 000.

Green, R. (1972): Geological map of Alberta; Alberta Research Council map, 1:1 267 000.

Sham, P.C. (in preparation): Aggregate resource map; scale 1:250 000; Rocky Mountain House 83B, Alberta; Alberta Research Council.

Tokarsky, O. (1971): Hydrogeology of the Rocky Mountain House area, Alberta; Alberta Research Council Open File Report 71-3.



Aggregate Resources

83B Rocky Mountain House 1:250,000

D.W. Scafe, P.C. Sham
Published 1987
Geology and compilation 1986-87
To accompany Open File Report 87-3 as Figure 5

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.

Natural Resources Division
Alberta Geological Survey

83B (OFR 1987-3)