

QUATERNARY

- RECENT**
- E Eolian deposits: sand and silt
 - Atd Alluvial terraces: gravel, sand and silt
 - AS Alluvial fans: gravel and sand

PLEISTOCENE

- GLACIOLACUSTRINE**
- LG Lacustrine deposits: sand, silt and clay
- GLACIOFLUVIAL**
- Proglacial deposits*
- AGSt Valley train (high alluvial terrace) deposits: gravel, sand and silt
 - AGS Marginal stream deposits: gravel and sand
 - AG Outwash deposits: gravel and sand
- Ice-contact deposits*
- AGK Kame deposits: gravel, sand and silt
 - AGE Esker deposits: gravel and sand

- GLACIAL**
- Th Hummocky moraine: till with sporadic lenses of gravel, sand and silt
 - Tr Ground moraine: till with sporadic lenses of gravel, sand and silt

TERTIARY

- Upper Tertiary**
- PA Preglacial alluvium: gravel, sand

LITHOLOGIC TYPES

- 1 Sandstone, siltstone and shale (bedrock)
- 2 Gravel
- 3 Sand and gravel
- 4 Sand and silt
- 5 Silt and clay
- 6 Till

- LEGEND**
- Geological boundary: defined, assumed
 - Distribution of irrigated districts
 - River or stream
 - Intermittent river or stream
 - Lake
 - Intermittent lake
 - Road, hard surface, all weather
 - Railway
 - Township boundary
 - Section line

Sources of Information

Surficial geology, High River, Alberta, by A. Mac S. Stalker. Geological Survey of Canada Map No. 14 - 1957.

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Surficial geology, Basano, Alberta, by A. Mac S. Stalker. Geological Survey of Canada Map No. 5 - 1965.

Surficial geology map of the Vauxhall District, Alberta, by L.A. Bayrock and J.F. Jones. Alberta Research Council Preliminary Report 63-2.

Compiled by I. Shetsen

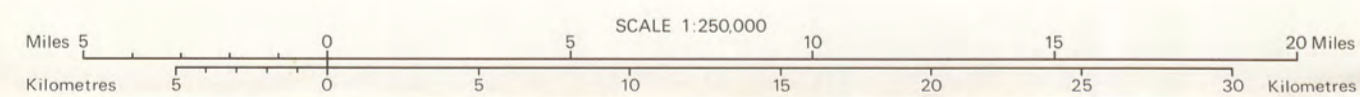


FIGURE 4.
SURFICIAL GEOLOGY
LETHBRIDGE
ALBERTA

NTS 82H, 82I

