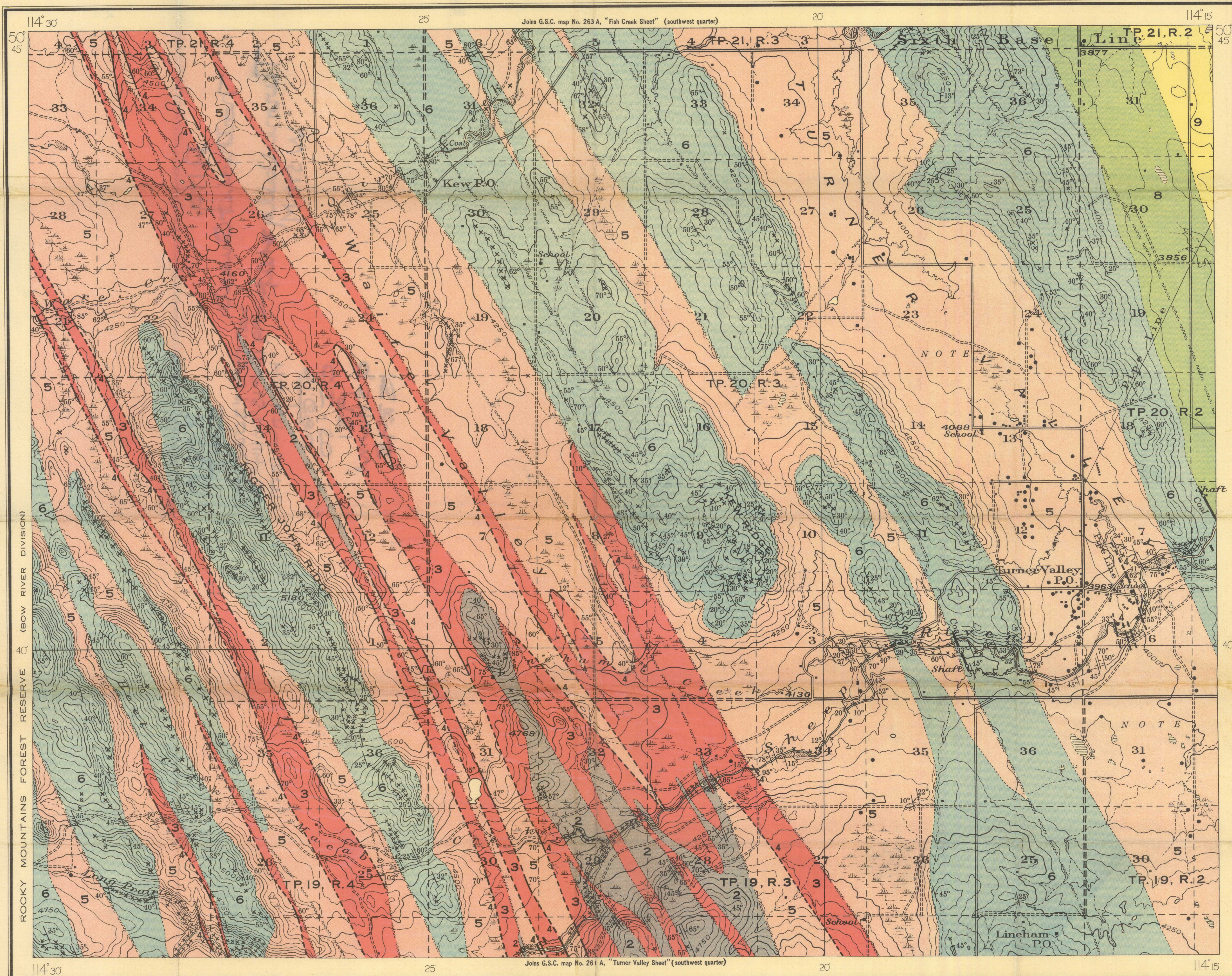


- LEGEND**
- TERTIARY**
- 9 PASKAPOO FORMATION
Sandstone, shale
- UPPER CRETACEOUS**
- 8 EDMONTON FORMATION
Sandstone, shale, coal
- MONTANA**
- 7 BEARPAW FORMATION
Shale, sandy shale
- BELLY RIVER FORMATION**
Sandstone, shale, coal
- COLORADO (INCLUDING SOME MONTANA)**
- 5 Upper Alberta shale
("Upper Benton")
- MESOZOIC**
- 4 Cardium band
sandstone, conglomerate
 - 3 Lower Alberta shale
("Lower Benton")
- LOWER CRETACEOUS**
- 2 BLAIRMORE FORMATION
Sandstone, shale
 - 1 KOOTENAY FORMATION
Sandstone, shale, coal
- Geological boundary
 - Geological boundary
(position approximate)
 - Coal seam
 - Fault
(position approximate)
 - Inclined strata
 - Overtured strata
 - Rock outcrop

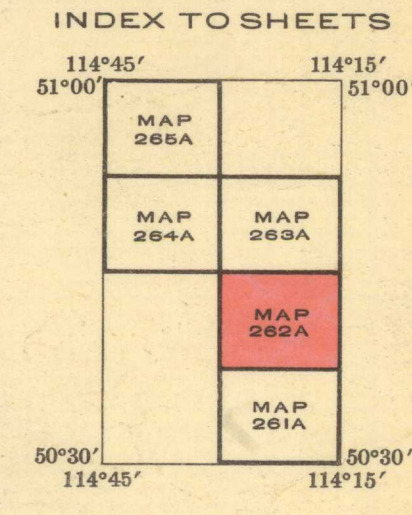
NOTE:— Many of the faults encountered by drilling in Turner Valley are not shown. The Cardium, outcrops only on Sheep River but presumably occurs elsewhere under the drift. Both below and above it are thin pebble zones which represent other Cardium bands farther west.

SOURCES OF INFORMATION
Geology by G. S. Hume, 1926, and 1929.
Surveys and topography by A. C. T. Sheppard, 1926, and J. W. Spence, 1927.

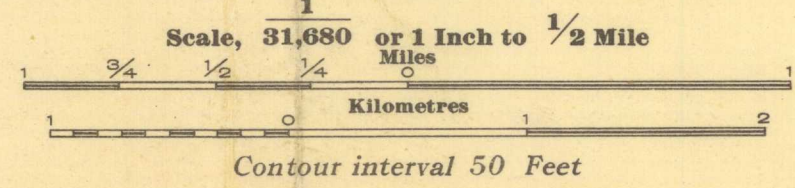
RELATED PUBLICATIONS
MEMOIR 122: Sheep River (Turner Valley) Gas and Oil Field, Alberta; by S. E. Slipper, 1921 (out of print).
SUMMARY REPORT, 1926, PART B: Turner Valley Oil Area, Alberta; by G. S. Hume.
ECONOMIC GEOLOGY SERIES, No. 5: Oil and Gas in Western Canada; by G. S. Hume.
MAP 204A: Calgary Sheet (geological), Alberta; scale, 1 inch to 5 miles, 1928 (out of print).
PUBLICATION NO. 2151: Sections supplementing MAP 204A, Calgary Sheet, Alberta, 1928.
SUMMARY REPORT, 1929, PART B: Notes on Turner Valley, etc.; by G. S. Hume.
MAP 257A: Turner Valley Sheet (geological), Alberta; scale, 1 inch to 1 mile, 1931.
Sheets of geological sections supplementing MAP 257A, Turner Valley Sheet; by G. S. Hume; (in course of preparation).



- LEGEND**
- Roads and buildings
 - Road not well travelled
 - Road along township boundary
 - Trail
 - Bridges
 - Mine tunnel
 - Prospect
 - Well
 - Township boundary
 - Section line
 - Forest Reserve boundary
 - Intermittent stream
 - Stream (position approximate)
 - Stream (flow disappearing in places)
 - Intermittent lake
 - Marsh
 - Spring
 - Depression contour
 - Height in feet
 - Sand or gravel bar
- Elevations referred to Mean sea-level.



MAP 262A
NORTHWEST QUARTER
TURNER VALLEY SHEET
(WEST OF FIFTH MERIDIAN)
ALBERTA



NOT TO BE TAKEN FROM LIBRARY
NE PAS SORTIR DE LA BIBLIOTHÈQUE

