



GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

PRELIMINARY SERIES

SHEETS 62 ^H_{SW} AND 62 ^G_{SE} (PARTS OF)

LEGEND

PLEISTOCENE AND RECENT

- Lake Beaches (shore deposits of glacial Lake Agassiz)
Soil: gravelly sand and coarse sand, sorted by the action of the waves, in most places deficient in organic matter; surface in the form of low ridges
- Off-shore Bars of glacial Lake Agassiz
Soil: gravelly sand and coarse sand sorted and stratified by currents flowing parallel to the shoreline; surface in the form of low ridges
- Lake-bed and Flood-plain Deposits: sandy;
Soil: fine sand and sandy loam;
Sub-soil: clayey silt
- Lake-bed and Flood-plain Deposits: silty;
Soil: fine sandy silt;
Sub-soil: clayey silt
- Lake-bed and Flood-plain Deposits: sandy and clayey;
Soil: light yellowish brown, very fine sandy loam, alkalized;
Sub-soil: clay
- Lake-bed and Flood-plain Deposits: clayey;
Soil: black clay;
Sub-soil: clay with some silt lenses;
surface almost level
- Glacial Till or Boulder Clay Modified by Wave-action
Soil: gravelly sand with some silt and clay, very stony in places; surface undulating
- Glacial Till or Boulder Clay Unmodified
Soil: fine sand and clay loam with few stones; surface undulating or hilly

- Bedrock Formations: Upper Cretaceous shales underlie the surface deposits. Riding Mountain formation underlies the area west of the Manitoba escarpment, and Vermilion River formation outcrops along the escarpment

- Bedrock outcrop x
- Geological boundary (approximate)
- Manitoba escarpment
- Gravel pit GP

Geology by W. A. Johnston, 1916-1918 and 1926-1929
Modified by J. E. Charron, 1959

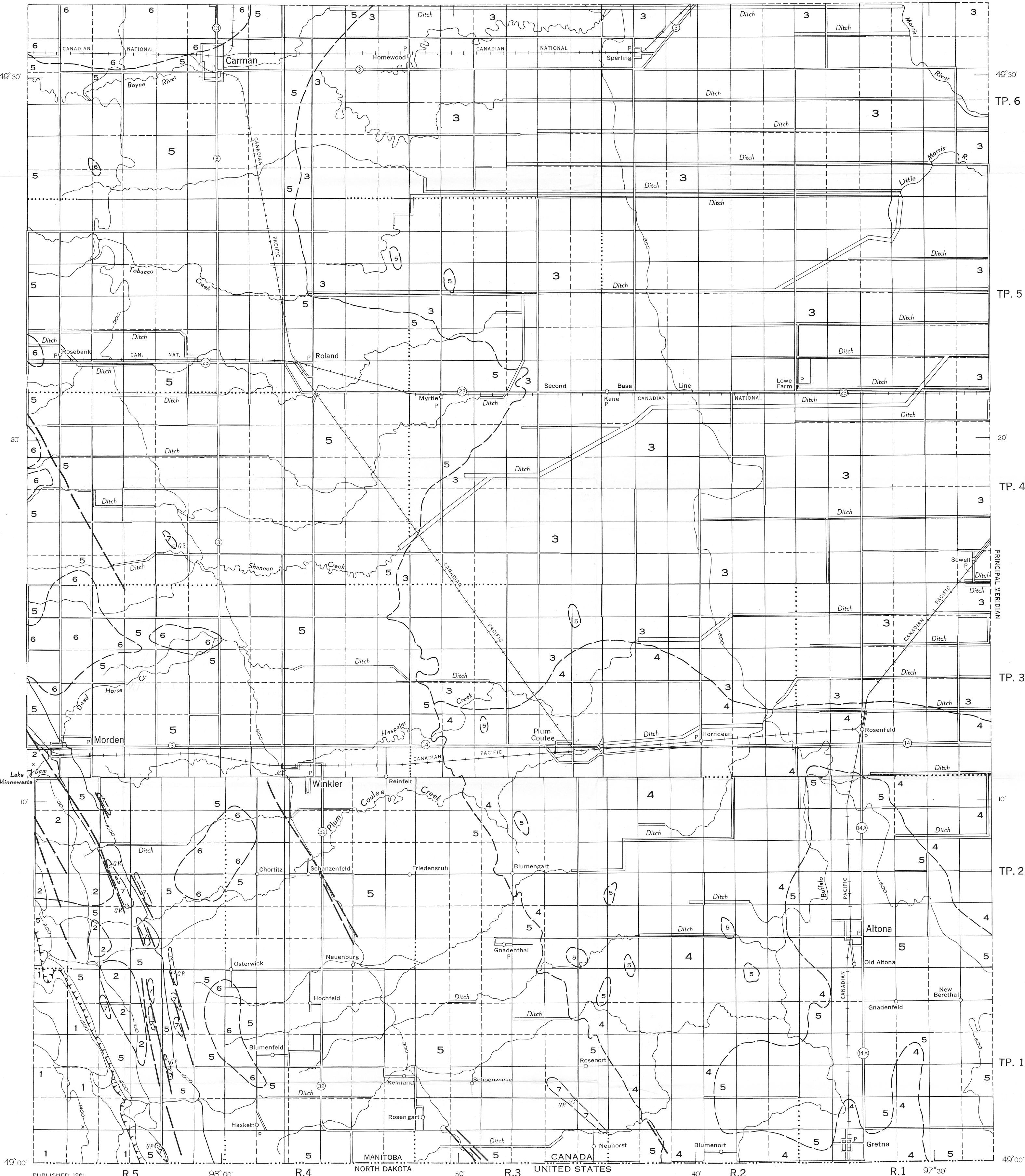
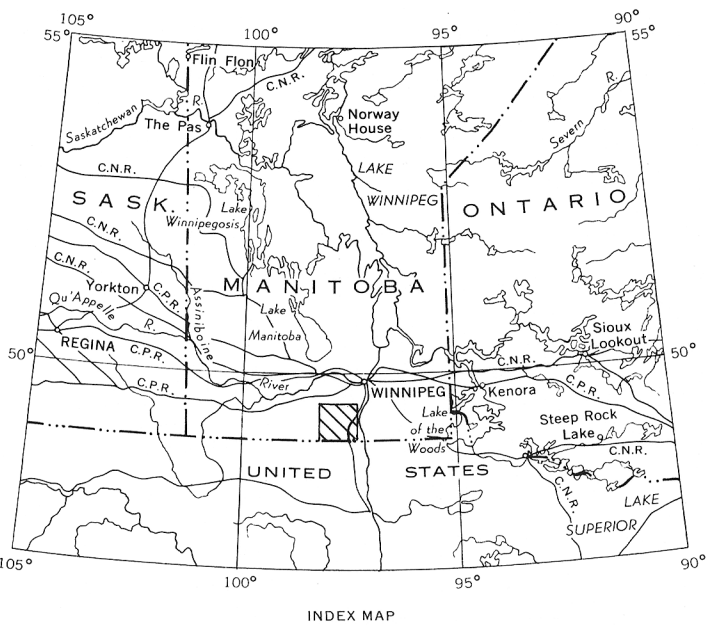
- Main highway
- Roads, all weather
- Roads, dry weather
- Railway
- International boundary
- Township boundary
- Section line
- Post Office P
- Main drainage ditches Ditch
- Intermittent stream
- Contours (interval 100 feet) 100

Cartography by the Geological Survey of Canada, 1961

Approximate magnetic declination, 9° 33' East

Air photographs covering this area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa

In response to public demand for earlier publication, Preliminary Series maps are issued in this simplified form and will be clearer to read if all or some of the map-units are hand-coloured



PUBLISHED, 1961
PRINTED BY THE SURVEYS AND MAPPING BRANCH
COPIES OF THIS MAP MAY BE OBTAINED FROM THE
DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

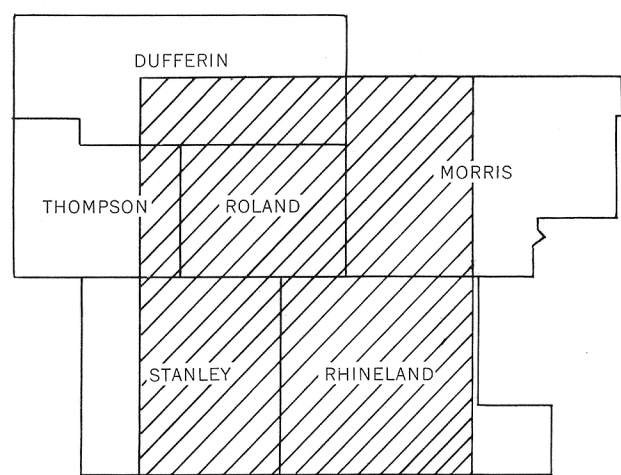
DIAGRAM OF TOWNSHIP
SHOWING NUMBERING OF SECTIONS

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	1

MAP 30-1960
TO ACCOMPANY PAPER 60-22
SURFICIAL GEOLOGY
PLUM COULEE AREA
WEST OF PRINCIPAL MERIDIAN
MANITOBA

Scale: One Inch to Two Miles = $\frac{1}{126,720}$
Miles

Geographical names subject to revision



Municipalities covered by this map