

CANADA
DEPARTMENT OF
MINES AND TECHNICAL SURVEYS
SURVEYS AND MAPPING BRANCH

REFERENCE

- Roads:
 - hard surface, all weather more than 2 lanes 2 lanes
 - hard surface, all weather less than 2 lanes 2 lanes
 - loose surface, all weather 2 lanes or more less than 2 lanes
 - loose surface, dry weather 2 lanes or more less than 2 lanes
 - Cart Track, Snow or Winter Road Per
 - Trail or Portage Per
- Railways:
 - standard gauge, multiple track Station
 - standard gauge, single track Stop Siding
 - abandoned Per
 - narrow gauge, single track Per
 - cutting, embankment Per
- Bridges:
 - road, railway Per
 - overpass, underpass Per
- Boundaries:
 - International Per
 - Provincial Per
 - Township, surveyed Per
 - Township, unsurveyed Per
 - Reservation, Indian, Park, etc. Per
 - Section Line Per
 - Surveyed Line Per
 - Electric Power Line on Steel Towers on Wood Poles
 - Telephone Line, trunk route Per
 - Horizontal Control Point Per
 - Boundary Mon., Survey Mon. Per
 - Bench Mark BM
 - Spot Elevation, (in feet) 762
 - Building, Barn Per
 - Mill or Factory, small, Sawmill, etc. SM
 - Well, Oil Per
 - Tank, Oil Per
 - Elevator Per
 - Church, Cemetery Per
 - School, Post Office Per
 - Mine or Open Cut Per
 - Quarry Per
 - Sand or Gravel Pit Per
 - Lake, intermittent or Slough Per
 - Lake or Shoreline, indefinite Per
 - Stream, intermittent or dry Per
 - Stream, indefinite Per
 - Irrigation Canal or Ditch Per
 - Marsh or Swamp Per
 - Inundated Land Per
 - Falls, Rapids Per
 - Foreshore Flats Per
 - Bluff, Cliff or Escarpment Per
 - Ferry Per
 - Wharf or Pier Per
 - Contours:
 - elevation Per
 - depression Per
 - approximate Per
 - Wooded Area Per

BARCHANE AREA
In these areas the topography is of a very distinctive character, but too small to be shown on map. Sand ridges of the "Barchane" (Horse-shoe-shaped) type, lightly wooded, are the predominant features. These are interspersed with small irregular swamps covering from 30 to 60 percent of the area.

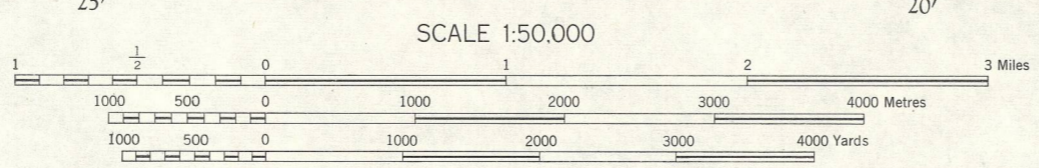
83 H/3	83 H/4	83 H/5	83 H/6
WESTLOCK	THORHILD	WARSPITE	
83 H/13	83 H/14	83 H/15	83 H/16
MORRISVILLE	RED WATER	BRUEDEHEIM	
83 H/12	83 H/11	83 H/10	83 H/9
ST ALBERT	EDMONTON	ASTOTIN LAKE	

INDEX TO ADJOINING SHEETS

MAGNETIC DECLINATION 24'17" EAST,
AT CENTRE OF SHEET 1951.
Annual magnetic change 5' westerly.

RED WATER
WEST OF 4TH MERIDIAN
ALBERTA
83 H/4 WEST HALF
FIRST EDITION

Surveyed by the Topographical Survey in 1950.
Compiled by the Topographical Survey in 1951, from air photographs taken in 1946.
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Copies may be obtained from the Map Distribution Office, Department of Mines and Technical Surveys, Ottawa, at 25 cents per copy.



CONTOUR INTERVAL 25 FEET
All Elevations in Feet above Mean Sea Level

SUPERSEDED EDITION