



CANADA
DEPARTMENT OF NATIONAL DEFENCE
ARMY SURVEY ESTABLISHMENT

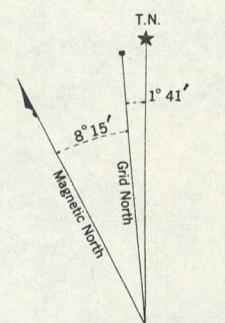
REFERENCE

- Roads:
 - hard surface, heavy duty 3 or more lanes Part completed
 - hard surface, heavy duty 2 lanes Route No.
 - hard surface, medium duty 3 or more lanes Not used
 - loose surface, graded and drained 2 or more lanes Not used
 - Other Roads: than 14 ft. wide
 - Private Road Poor condition
- Trail
- Railway, double track
- single track
- abandoned
- narrow gauge or electric
- Bridge, underpass or overpass
- Boundaries, International
- Provincial
- County
- Reservation, Indian
- Military, Nat. or Prov. Parks, etc.
- Electric Power Line
- Telephone, trunk route
- Triangulation Station
- Boundary of Survey Monument
- Bench Mark
- Spot Height, (in feet)
- House, Barn
- Buildings
- Mill or Factory, small
- School
- Church
- Post Office
- Telephone Exchange
- Mine or Open Cut
- Cemetery or Churchyard
- Quarry
- Sand or Gravel Pit
- Cliff
- Cutting
- Embankment, Dump, etc.
- Lighthouse
- Wharf or Pier
- Foreshore Flats
- Swamp or Marsh
- Lake or Slough, non permanent
- Glacier or Snowfield
- Stream, intermittent
- Contours, elevation
- depression
- Wooded Areas, heavy
- light

INDEX TO ADJOINING SHEETS

78°00'	77°00'
31 F/12	31 F/11
31 F/10	31 F/9
31 F/8	31 F/7
31 F/6	31 F/5
31 F/4	31 F/3
31 F/2	
45°30'	
45°00'	

See Index of Maps Available* for sheets published.



*See diagram only to obtain numerical values.
APPROXIMATE MEAN DECLINATION 1950
FOR CENTRE OF SHEET
Annual magnetic change 2' easterly

TO GIVE GRID REFERENCE ON THIS SHEET
FIGURES, IGNORE THE SMALLER FIGURES PRINTED AROUND THE MARGIN
OF THE MAP. THESE ARE FOR FINDING THE FULL CO-ORDINATE
USE ONLY THE LARGER FIGURES PRINTED IN THE MARGIN OR
ON THE FACE OF THE MAP. VIZ. 320

POINT CHURCH			
FOR STANDARD MILITARY GRID REFERENCE			
East	18	North	23
Take West edge of square in which point lies, and read the figure printed opposite this line on North or South margin or on the line itself on the face of the map. (Example north: Eastward)	3	Take South edge of square in which point lies, and read the figure printed opposite this line on East or West margin or on the line itself on the face of the map. (Example north: Northward)	3
East	183	North	233
STANDARD MILITARY GRID REFERENCE 183233 (To nearest 100 Metres)			
Nearest similar grid reference 100,000 Metres: Approximately 63 Miles			

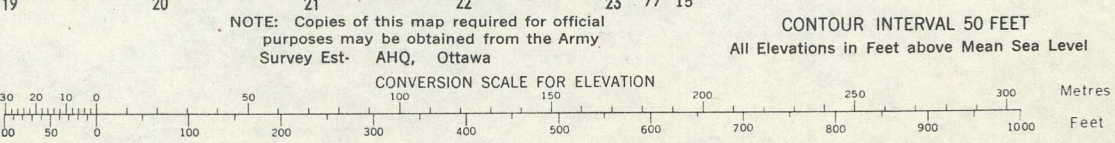
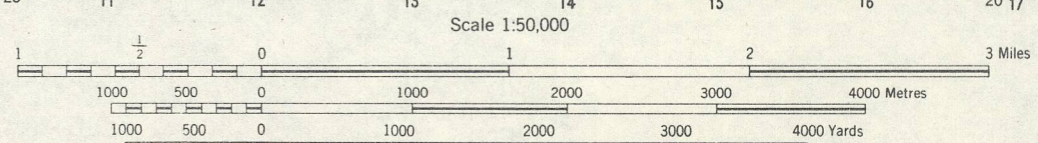
ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 18

BRUDENELL
31 F/6 WEST HALF
FIRST EDITION
SUPERSEDED EDITION

CONTOUR INTERVAL 50 FEET
All Elevations in Feet above Mean Sea Level



Aerial photography by the RCAF 1945.
Surveyed, compiled, drawn and printed by the
Army Survey Est. REC, 1946-48.
Converted from the first edition of the 1:63360 map to 1:50000
by the A.S.E. 1950.



NOTE: Copies of this map required for official
purposes may be obtained from the Army
Survey Est., AHO, OTTAWA