NATIONAL TOPOGRAPHIC SYSTEM 1:50,000 **CANADA** EDITION 2 31 L/4 EAST

Refer to this map as:	31 L/4 EAST EDITION 2 ASE SERIES A 751

Produced by the ARMY SURVEY ESTABLISHMENT, R.C.E. 1957-60
Aerial photography 1951

CONVERSION SCALE FOR ELEVATIONS

Feet — Metres

T.N. — Magnetic North 10°23′ or 184 Mils — Grid North 0°59′ or 17 Mils

Use diagram only to obtain numerical values.
APPROXIMATE MEAN DECLINATION 1960
FOR CENTRE OF MAP
Annual change decreasing 1.1′

GRID ZONE DESIGNATION	100,000 M. SQUARE IDENTIFICATION
17 T	NB PB / NA PA — 510 / 60

TO GIVE A REFERENCE TO NEAREST 100 METRES

EXAMPLE: SCHOOL

EASTING: Read number on grid line immediately to left of point. Estimate tenths of a square from this line eastward to point. 07 2 / 072

NORTHING: Read number on grid line immediately below point. Estimate tenths of a square from this line northward to point. 99 7 / 997

MILITARY GRID REFERENCE 072997

Nearest similar grid reference 100,000 metres (about 63 miles)

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 17

NIPISSING

ONTARIO

SCALE 1:50,000

1 ½ 0 1 2 3 Miles

1000 500 0 1000 2000 3000 4000 Metres

1000 500 0 1000 2000 3000 4000 Yards

Roads:
- hard surface, all weather — more than 2 lanes / Dual
- hard surface, all weather — 2 lanes / Route No. 18
- loose surface, all weather — 2 lanes or more
- loose surface, all weather — less than 2 lanes
- dry weather
- cart track; trail, or cut line

Railways:
- normal gauge, multiple track — Station
- normal gauge, single track — Siding
- abandoned or under construction
- underpass, overpass
- Tunnel; Drawbridge
- Power line; Telephone line

Boundaries:
- international, with monument
- provincial
- county or district
- township or parish
- township or parish, unsurveyed
- city or town
- park, reserve, etc.
- Horizontal control point, with elevation △ 582
- Bench mark, with elevation BM 3025
- Spot elevation; precise, approximate 4582 757±
- Historical site; Cemetery
- Mine or open cut; Quarry
- Sand or gravel pit

CONTOUR INTERVAL 50 FEET
Elevations in Feet above Mean Sea Level

Transverse Mercator Projection
North American Datum 1927

Copies may be obtained from the Map Distribution Office, Dept. of Mines and Technical Surveys, Ottawa.

- House; Building
- School
- Church; Church with spire
- Post Office
- Radio Station
- Tower; Chimney 120′
- Well; Tank
- Cutting
- Embankment
- Cliff
- Contours: elevation 250 200; depression 250 200; approximate 250 200
- Foreshore flats
- Lighthouse; Rock
- Wharf or pier; Breakwater
- Levee or dyke
- Rocky reef
- Swamp or marsh
- Inundated land, seasonal
- Intermittent lake, stream
- Indefinite shoreline, stream
- Rapids, large, small; Bridge
- Ditch or flume
- Icefield or Glacier
- Wooded area; unclassified, scrub
- Vineyard; Orchard

INDEX TO ADJOINING SHEETS

80°00′		79°00′
41 I/8 VERNER	31 L/5 STURGEON FALLS	31 L/6 NORTH BAY
41 I/1 NOELVILLE	31 L/4 NIPISSING	31 L/3 POWASSAN
41 H/16 NOGANOSH LAKE	31 E/13 GOLDEN VALLEY	31 E/14 SOUTH RIVER

46°15′ 45°45′

NIPISSING
31 L/4 EAST
EDITION 2

SUPERSEDED EDITION