ROADS AND TRACKS [1]

- State highway
- Four lanes or more
- Two lanes (includes passing lanes)
- Narrow road
- Vehicle track
- Foot track
- Closed track (see warning note below) [2]
- Poled route
- Road surface: sealed; metalled; unmetalled
- Tunnel, tunnel under road
- Bridge; two lane, one lane
- Ford
- Gate, locked gate, cattlestop
- Footbridge, cableway or handwire [3]

RAILWAYS

- Double or multiple track
- Single track
- Railway station, yard or siding
- Bridge, tunnel
- Level crossing
- Road over railway
- Railway over road
- Tramway or bush railway

MISCELLANEOUS

- Residential area
- Large buildings
- Isolated building
- Homestead, stockyard (Awapuni)
- Glasshouse or greenhouse
- Church, cemetery, grave
- Training track
- Golf course, helipad
- Historic Māori pa, redoubt, monument, plaque or signpost
- Reservoir covered, reservoir uncovered, tank
- Mast, tower, wind machine or wind turbine
- Shipwreck, lighthouse, beacon
- Fence (selection only)
- Pipeline above ground
- Pipeline underground
- Disused water race
- Power line on pylons (actual positions) [3]
- Power line on poles (away from roads) [3]
- Telephone line (away from roads) [3]
- Industrial cableway
- Mine; underground, opencast
- Buried gas pipeline

RELIEF FEATURES [4]

- Index contour (100)
- Intermediate contours
- Perennial snow and ice contours
- Supplementary contour
- Depression contours
- Shallow depression, small depression or shaft
- Beaconed trig station (with trig identification code) (A1B2)
- Elevation in metres (130m · 130)
- Cliff, terrace, slip
- Rock outcrops
- Stopbank, cutting
- Embankment or causeway
- Saddle, cave
- Alpine features
  - Moraine
  - Moraine wall
  - Scree

WATER FEATURES

- Coastal rocks
- Shoal or reef
- Sand and mud
- Sand
- Shingle
- Swamp
- Boat ramp
- Breakwater, wharf, jetty
- Slipway
- Marine farm, seawall
- Dam, floodgate, weir (FG)
- Waterfall, rapids
- Cold spring, hot spring
- Fumarole, geothermal bore
- Watercourse, drain
- Canal; large, small
- Stream disappearing into ground

VEGETATION FEATURES

- Native forest
- Exotic coniferous forest
- Exotic non-coniferous forest
- Scrub
- Scattered scrub
- Shelter belt
- Trees
- Orchard or vineyard
- Mangroves

IMPORTANT INFORMATION:

1. new stuff will go here

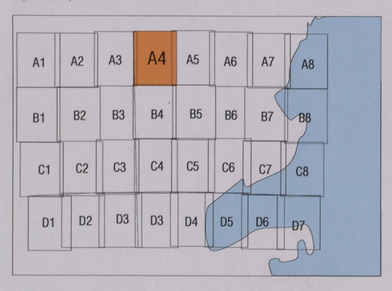
ANTTopo50-A4

Edition 1.00 Published 2010, Data Captured 2003

A Map Reading Guide and more information about map updates are available at **www.linz.govt.nz**

LINZ values your feedback

We welcome advice of errors, omissions or change suggestions: email info@linz.govt.nz with "ANTTopo50 Map Feedback" in your subject line, or phone 0800 665 463.



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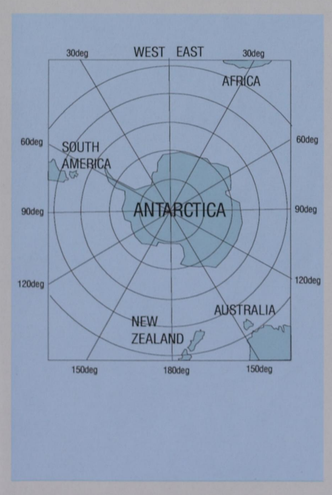
ANTTopo50-A4 Darwin Glacier Region

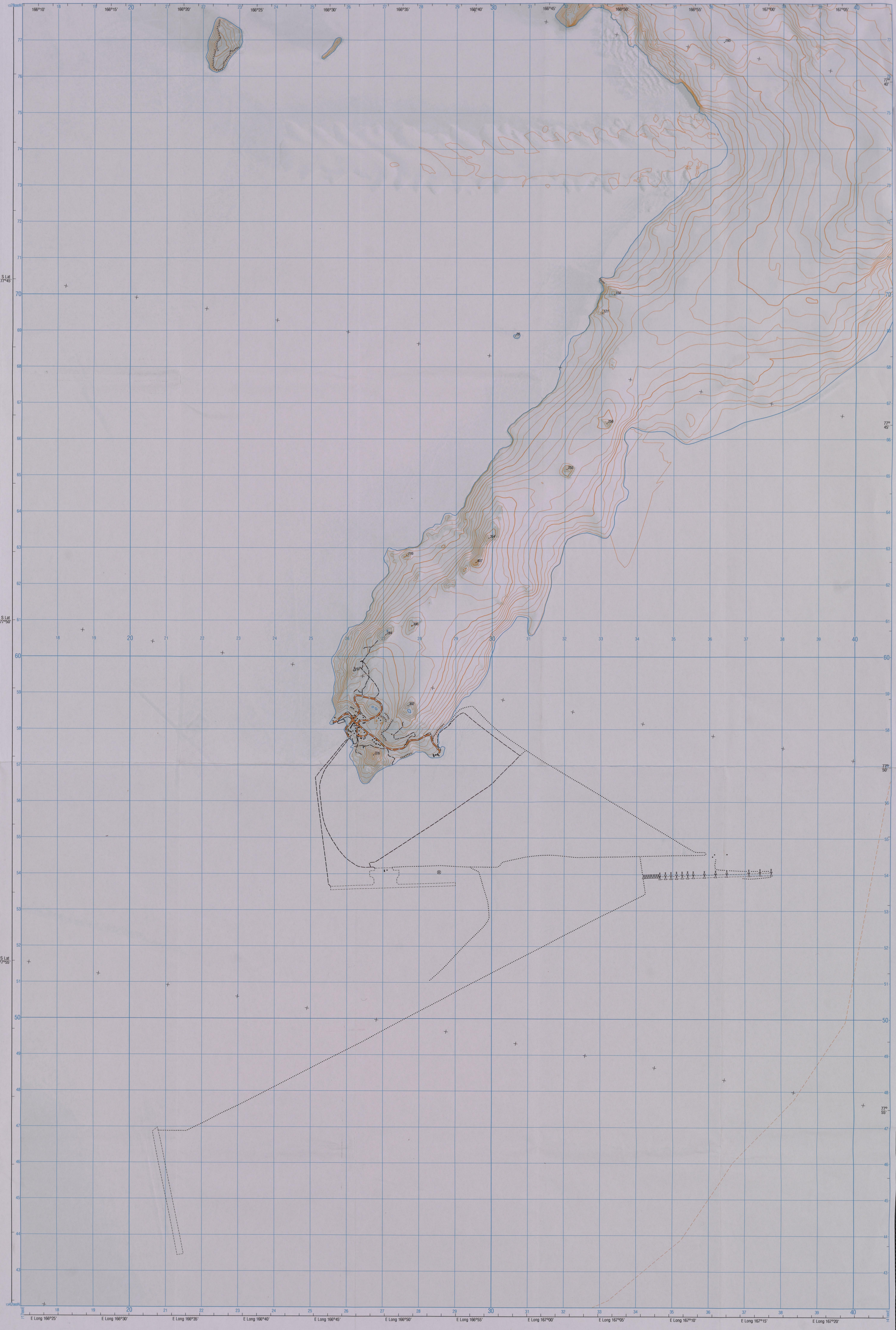
Topo50 Map

new stuff here

Darwin Glacier

ANTTopo50-A4 **1:50 000**

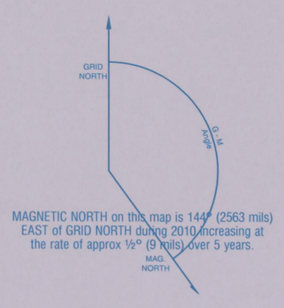




SCALE 1:50 000

THE VERTICAL INTERVAL BETWEEN THE CONTOURS IS 20 METRES

1 0 1 2 3 4 5 6 7 8 9 10 kilometres



MAGNETIC NORTH on this map is 144° (2563 mils) EAST of GRID NORTH during 2010, increasing at the rate of approx ½° (9 mils) over 5 years.

HORIZONTAL DATUM: Ross Sea Region Geodetic Datum 2000 (RSRGD2000)
For practical purposes, RSRGD2000 equates to WGS84

VERTICAL DATUM: Mean Sea Level

PROJECTION: Darwin Glacier Lambert Conformal 2000 (DGLC2000)

PARAMETERS

Spheroid: GRS80
Origin Latitude: 90° South; Origin Longitude: 157° East
False Northing: 0mN; False Easting: 500 000mE
Standard Parallels: 76°40' and 79°20'

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TO GIVE A GRID REFERENCE ON THIS MAP

(To nearest 100 metres)

Sample Point: · *Castle Rock (000000E 000000N)*

East

1. Locate the first VERTICAL grid line to the LEFT of the point. 00
2. Read the grid values labelling the line in either the top or bottom margin or across the middle of the map. 0
3. Estimate tenths of a grid square eastwards from the grid line to the point. 000

North

4. Locate the first HORIZONTAL grid line BELOW the point. 00
5. Read the grid values labelling the line in either the left or right margin of the map. 0
6. Estimate tenths of a grid square northwards from the grid line to the point. 000

Grid Reference (Quote sheet number first): **RF16 000000**

NZTopo50-RF16
Edition 1.00 Published 2010

Toitu te Land whenua Information New Zealand
Topographic Services
New Zealand Government