

REFERENCE

Railways

- Double or multiple track
- Single track
- Road over railway
- Railway over road
- Level crossing
- Station
- Tunnel
- Cutting
- Embankment
- Footbridge
- Bush tramway

Roads

- Three lanes or more wide
- Sealed
- Metalled
- Unmetalled
- Unfenced
- Tracks:
- Vehicle
- Foot
- State Highways:
- National
- Provincial

Bridges

- Two lanes
- One lane
- Concrete
- Wooden
- Steel
- Suspension
- Footbridge
- Ford

Electric Power Lines

- Transmission lines (over 11,000 volts)
- Pylons, actual positions
- Poles, conventional spacing
- Distribution lines (11,000 volts and under)

Vegetation

- Bush
- Plantation
- Orchard
- Scrub
- Burnt or fallen bush
- Trees

Hydrography

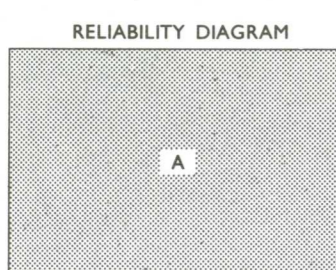
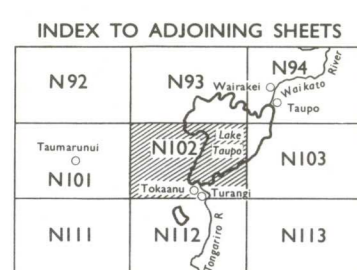
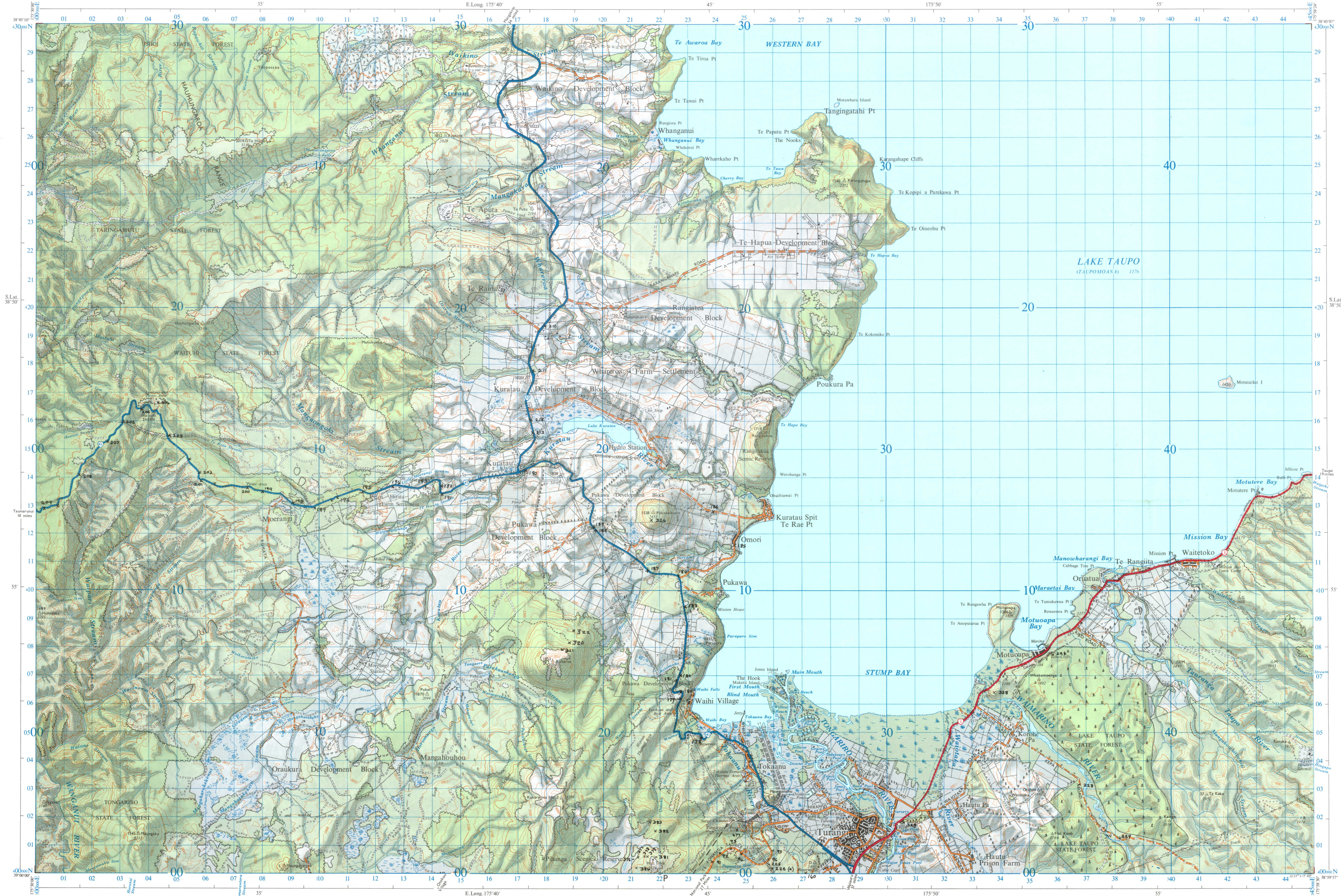
- Drain
- Drain beside fence
- Water race
- Stream or watercourse
- Indefinite stream
- Dam; Waterfall
- Cold spring; Hot spring
- Swamp
- Mangroves
- Sand
- Shingle
- Sand & Mud
- Rocks

Contours

- Intermediate
- Supplementary
- Depression

Miscellaneous

- Trig station
- Built up area
- Bench mark
- Church
- Elevation in feet
- Post and Telegraph Office
- Post Office only
- Cemetery
- Telephone line
- Telephone main post
- Saddle
- Windmill
- Sandhills
- Beacon
- Rock outcrop
- Lighthouse
- Cliff or terrace
- Mine, underground
- Sip
- Mine, opencast
- Cave
- Grovel pit
- Fence or hedge
- Quarry
- Stopbank
- Pipeline
- National Park Boundary
- Wilderness Area Boundary



Transverse Mercator Projection, International (Hayford) Spheroid
Origin of Projection 173° 30' E. Long. 39° 00' S. Lat.

The grid and graticule on this map are in terms of Geodesic Datum 1949

All grid coordinates on this map are in terms of False Origin
False Origin is 400,000 yds West of True Origin
True Origin is 39° 00' S. Lat. 173° 30' E. Long.

True North (at the West edge of this map is 0° 00' 00" or 0.0 Mil. at the East edge of this map is 0° 17' 51" or 5.3 Mil. E.) of Grid North

Height Datum: Mean Sea Level

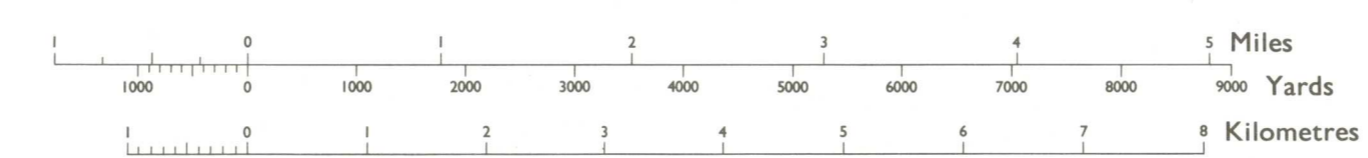
The representation on this map of a road or track is no evidence of the existence of a right of way

Contours through bush, forest and ice areas may be of lower reliability

± Indicates a height of lower reliability

TOKAANU

The vertical interval between the contours is 100 feet
Scale 1:63,360 (1 inch to 1 mile)



TO GIVE A GRID REFERENCE ON THIS MAP
Divide the number of the contour by the number of the grid square. The result is the grid reference.

Point 1730 Mahanaki	1730	30
East	1730	30
North	30	1730

REFERENCE 206197

TO CONVERT A MAGNETIC BEARING TO A GRID BEARING ADD G-M ANGLE

TO OBTAIN G-M ANGLE add the Annual Magnetic Change multiplied by the number of years since 1950 to the G-M angle for 1970

TO CONVERT A GRID BEARING TO A MAGNETIC BEARING SUBTRACT G-M ANGLE

Use the diagram only to obtain numerical values.

To determine magnetic north line, connect the green point 'P' on the South edge of the map with the value of the angle between GRID NORTH & MAGNETIC NORTH as plotted on the diagram scale at the North edge of the map. The values for all angles are shown in degrees and mill (to the nearest mil).

