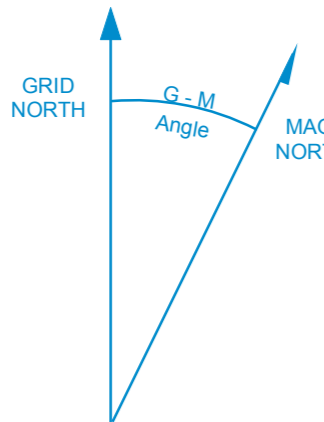


The vertical interval between contours is 20 m with supplementary contours at 10 m and 5 m intervals in some areas. Heights are above mean sea level.

MAGNETIC NORTH on this map was 12° 58' EAST of GRID NORTH during 2006 and is expected to increase by less than 1' over the next 4 years.



TO GIVE A GRID REFERENCE ON THIS MAP  
(To the nearest 100 metres)  
Disregard the smaller figures of the corner grid numbers. They are for finding UTM coordinates.

SAMPLE POINT: VI	
East	North
Locate first VERTICAL grid line to LEFT of point and read figure labelling the line in either the top or bottom margin of the map.	Locate first HORIZONTAL grid line BELOW point and read figure labelling the line in either the left or right margin of the map.
Estimate tenths eastward from grid line to point.	Estimate tenths northward from grid line to point.
838	163

SAMPLE REFERENCE: (Give sheet name first) VI 838 163

This map is drawn on the Tonga Map Grid Projection, a minimum error conformal projection. The grid is the Tonga Map Grid, showing coordinates in metres in terms of the Tonga Geospatial Datum 2005, based on the GRS80 spheroid.

GRID:	Tonga Map Grid
PROJECTION:	Transverse Mercator
SPHEROID:	GRS80
UNIT OF MEASURE:	metres
MERIDIAN OF ORIGIN:	177 degrees W of Greenwich
LATITUDE OF ORIGIN:	0 degrees (Equator)
SCALE FACTOR AT ORIGIN:	1 000 000 m East
FALSE COORDINATES:	5 000 000 m North
DATUM:	Tonga Geospatial Datum 2005

**WARNING:** This map does not show all obstructions that may be a hazard to aircraft or shipping.

**ATTENTION:** The representation on this map of a road or track does not necessarily indicate public right of access.

Users noting errors, omissions or changes are encouraged to forward the information to the CEO, Ministry of Lands, Survey, Natural Resources and Environment, PO Box 5, Nuku'alofa, Kingdom of Tonga.

Copies of this map may be purchased from the Ministry of Lands, Survey, Natural Resources and Environment, Care Vuna and Fatalehi Roads, Nuku'alofa.

Kingdom of Tonga

1:50 000 Topographic Map

**HA'API - SHEET 2**

Ministry of Lands, Survey, Natural Resources and Environment

