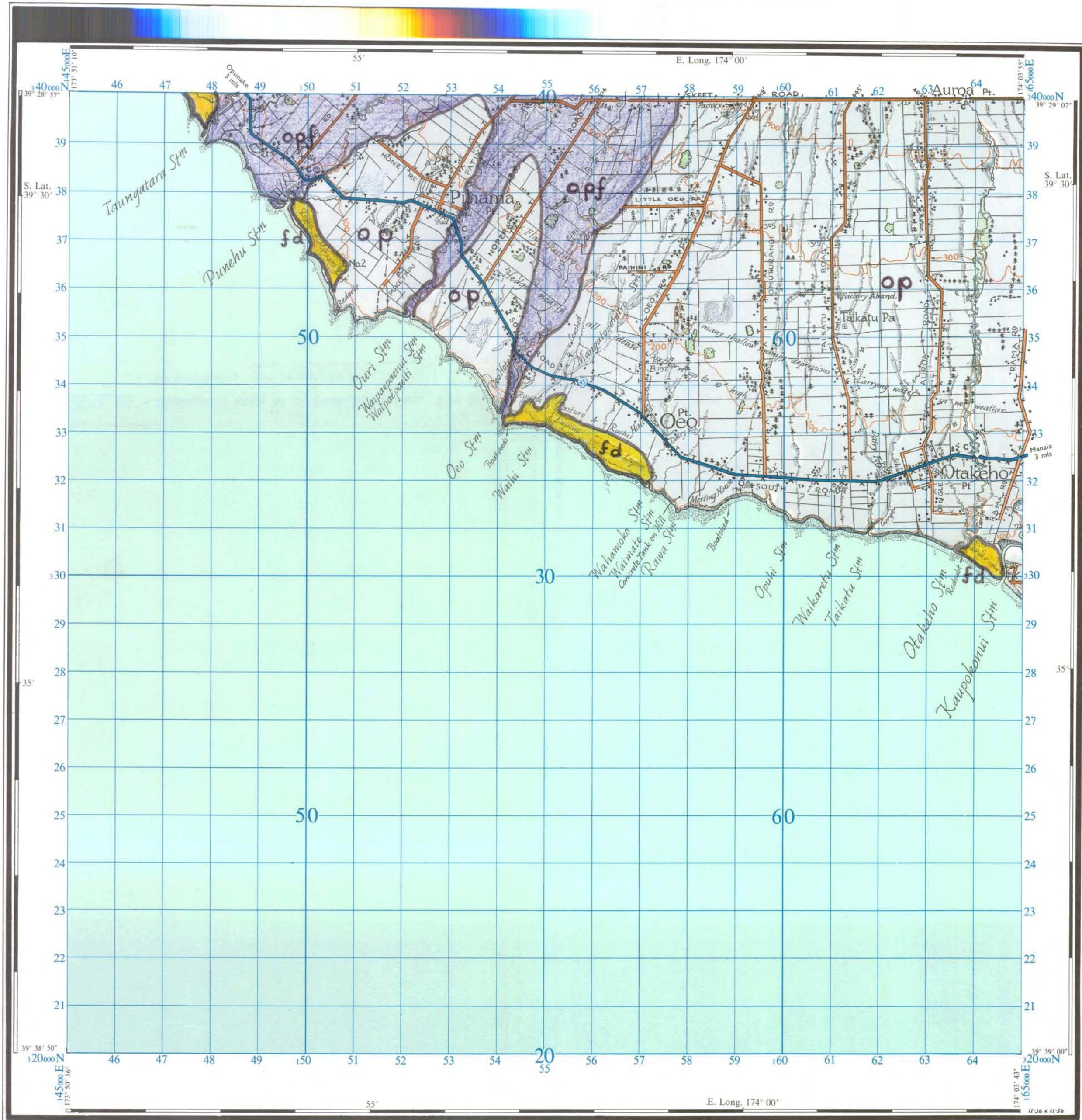


OEO

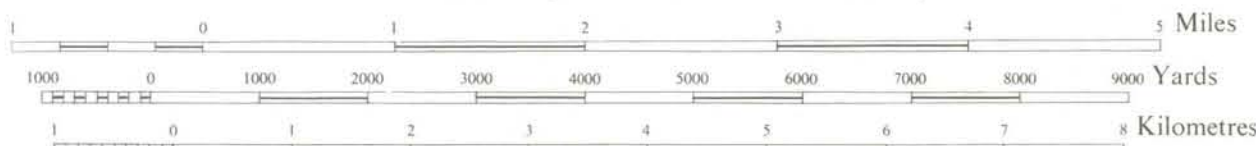
N.Z. TOPOGRAPHICAL MAP 1 : 63,360 (1 Inch to 1 Mile)

INTERIM SERIES

NZMS 1 OEO SHEET N128



Scale 1:63360 (1 inch to 1 mile)



The Vertical Interval between the Contours is 100 feet

Drawn on Transverse Mercator Projection Origin of Projection 175° 30' E. Long. 39° 00' S. Lat.

The Grid and Graticule on this map are in terms of Geodetic Datum 1949

True North (at the East edge of this sheet is 0° 54' 54" W of Grid North, at the West edge of this sheet is 1° 03' 02" W of Grid North)

2nd EDITION 1st APRIL 1965



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L. & S. Ref. 17/313/N 128

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

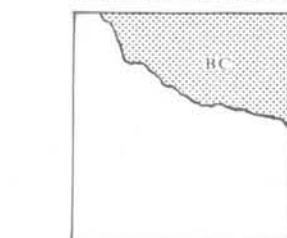
TO CONVERT A MAGNETIC BEARING TO A GRID BEARING ADD G-M ANGLE
TO CONVERT A GRID BEARING TO A MAGNETIC BEARING SUBTRACT G-M ANGLE

TO OBTAIN G-M ANGLE add the Annual Magnetic Change multiplied by the number of years since 1965 to the G-M angle for 1965
1° = 60' Annual Magnetic Change +4' G-M Angle for 1965 48° 01' for the Central Grid Line of this Sheet

INDEX TO ADJOINING SHEETS

N 118	N 119
Opanake	Manawa
N 128	N 129
	N 136

MAPPING METHODS



Aerial Photographs
Plotting Instrument A
Plane Table Sketch Surveys B
Existing Survey Records C
Date of Photography 1951
Date of Field Check 1965

REFERENCE

Railways	Principal Station	Station	Cutting	Vegetation	Bush	Scrub
Double Track	Tunnel	Level Crossing	Embankment	Plantation	Scattered Scrub	Trees
Single Track	Bridge under	Bridge over	Footbridge	Orchard	Burnt or Fallen Bush	Hydrography
Roads	Sealed	Two Way Bridge	Wooden	Drain	Drain beside Fence	Swamp
Metalled	Fenced	St Steel	Unmetalled	Water Race	Stream or Watercourse	Mangroves
Provincial State Highways	Tracks: Vehicle, Foot	Indefinite Stream	Dam: Ford, Waterfall	Cold Spring: Hot Spring	Built up Area	Sand
Electric Power Lines	Transmission Lines: (over 11,000 volts) actual positions	Distribution Lines: (11,000 volts and under) conventional spacing	Telephone Line	Wireless Aerial Masts	Pipeline	Shingle
Bush Tramway	Index	Depression	Knolls	Cliff or Terrace	Sandhills	Sand & Mud
Contours	Intermediate	Windpump	Mine Underground	Rock Outcrop	Stopbank	Rocks
Trig Station	Trig Station Beacons	Footbridge	Mine Opencast	Cliff or Terrace	Sandhills	Building
Spot Elevation in feet - 756	Hedge, Fence	Gravel Pit: Cave	Quarry: Slip	Lighthouse	Post & Telegraph Office	Post Office only
Wireless Aerial Masts	Pipeline	Quarry: Slip	Lighthouse	Historic Maori Pa Sites	Church	Telephone only
					Cemetery	Historic Maori Pa Sites

All grid co-ordinates on this sheet are in terms of False Origin
False Origin is { 300,000 yds West } of True Origin
 { 430,000 yds South }
True Origin is { 39° 00' South Latitude }
 { 175° 30' East Longitude }

TO GIVE A GRID REFERENCE ON THIS SHEET
This Sheet lies in Grid Square N 13

Disregard the smaller co-ordinates in the margins. They are for finding full co-ordinates or grid square numbers.
Pay attention to the larger marginal figures and to those printed on the face of the map.

Point E No. 2	
East	North
Take west edge of square in which point lies and read the large figures opposite this line on north or south margin or on the line itself (on the face of the map). Estimate tenths eastward.	Take south edge of square in which point lies and read the large figures opposite this line on east or west margin or on the line itself (on the face of the map). Estimate tenths northward.
50	36
7	4
East 507	North 364

REFERENCE 507364
Unit yard
Square 1000 yds.
Reference to nearest 100 yards.

NZMS. 1 SHEET N 128
OEO

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VICTORIA UNIVERSITY OF WELLINGTON