



EIS 1123 Part D

AA066508

Stockton Bight environmental study

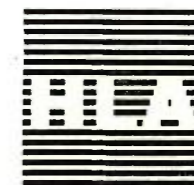


STOCKTON BIGHT ENVIRONMENTAL STUDY AND MANAGEMENT PLAN



Part D

FIGURES



AUGUST 1995

Prepared for:

**NEWCASTLE BIGHT CO-ORDINATION AND LIAISON COMMITTEE ON BEHALF
OF PORT STEPHENS COUNCIL AND NEWCASTLE CITY COUNCIL**

**A. L. ALEXANDER AGRICULTURAL
COLLEGE, PATERSON, 2421**

**STOCKTON BIGHT
ENVIRONMENTAL STUDY
PART D
FIGURES**

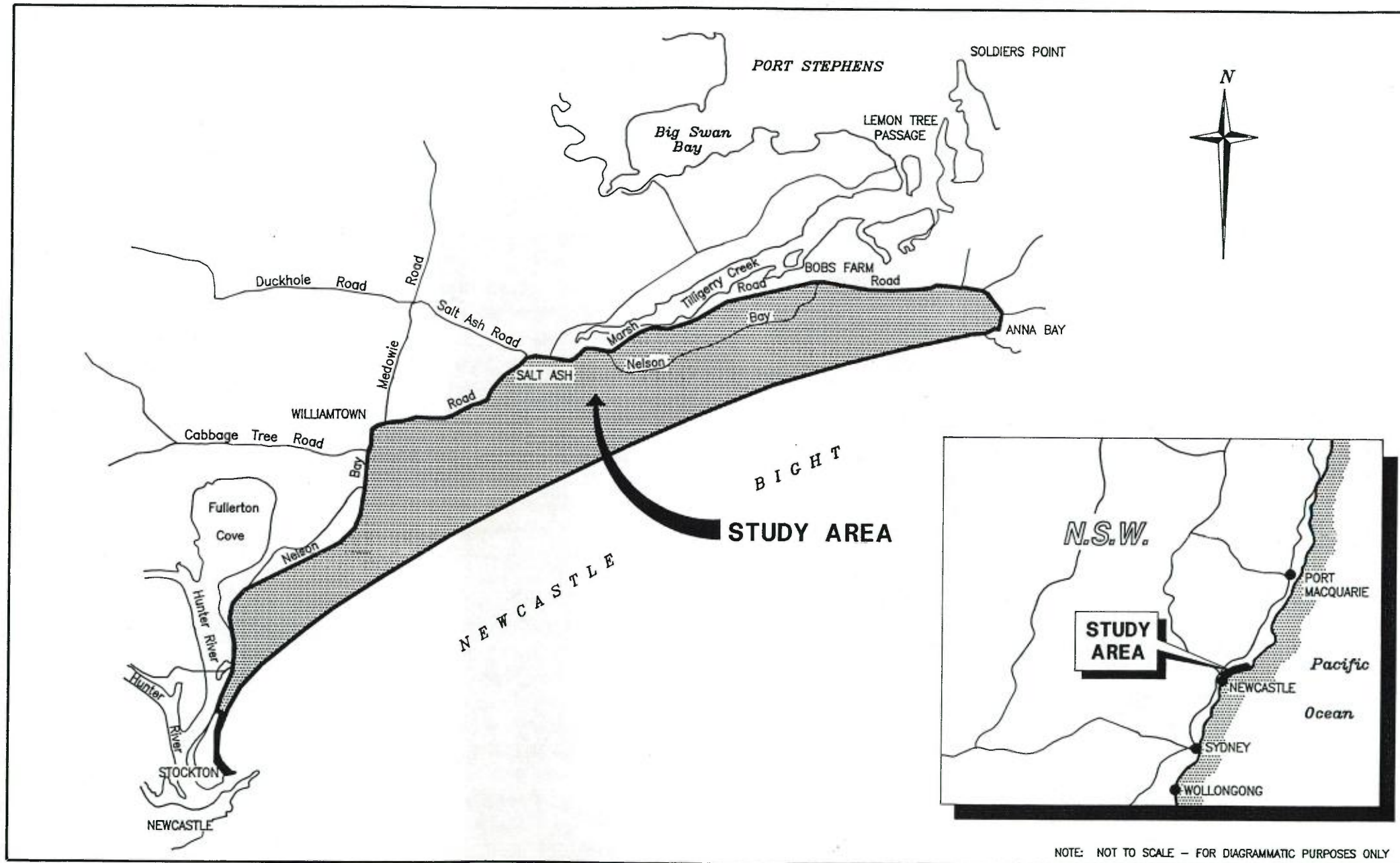
HLA-ENVIROSCIENCES PTY LIMITED
122 Parry Street, Newcastle West NSW 2302
Phone (049) 262600, Fax (049) 264532

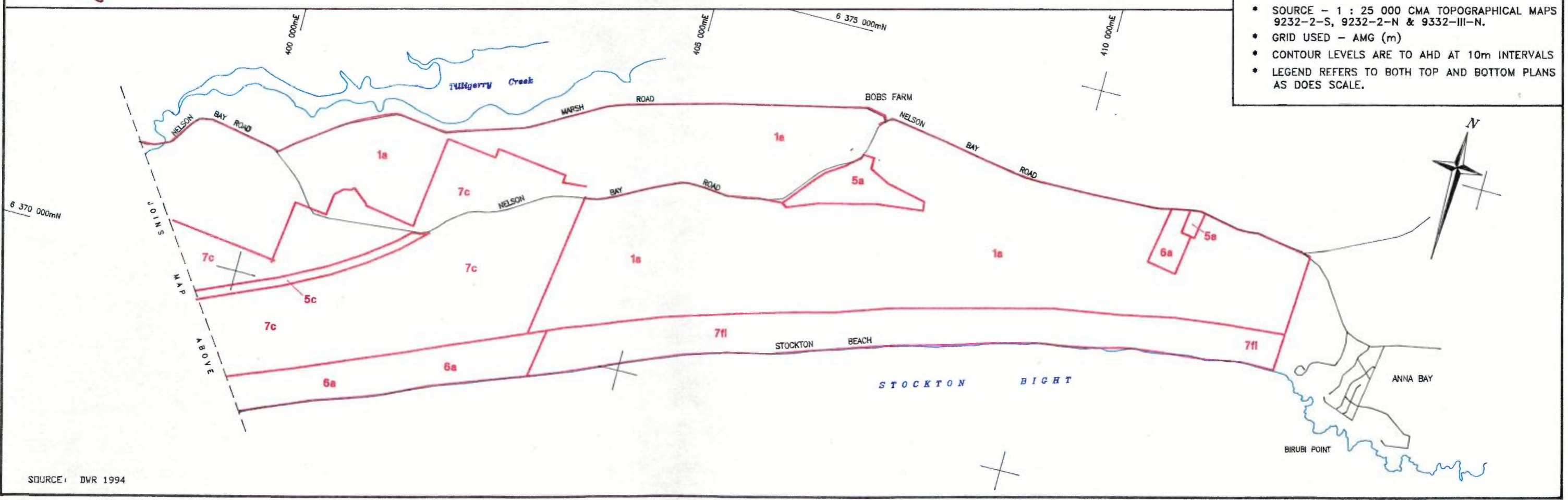
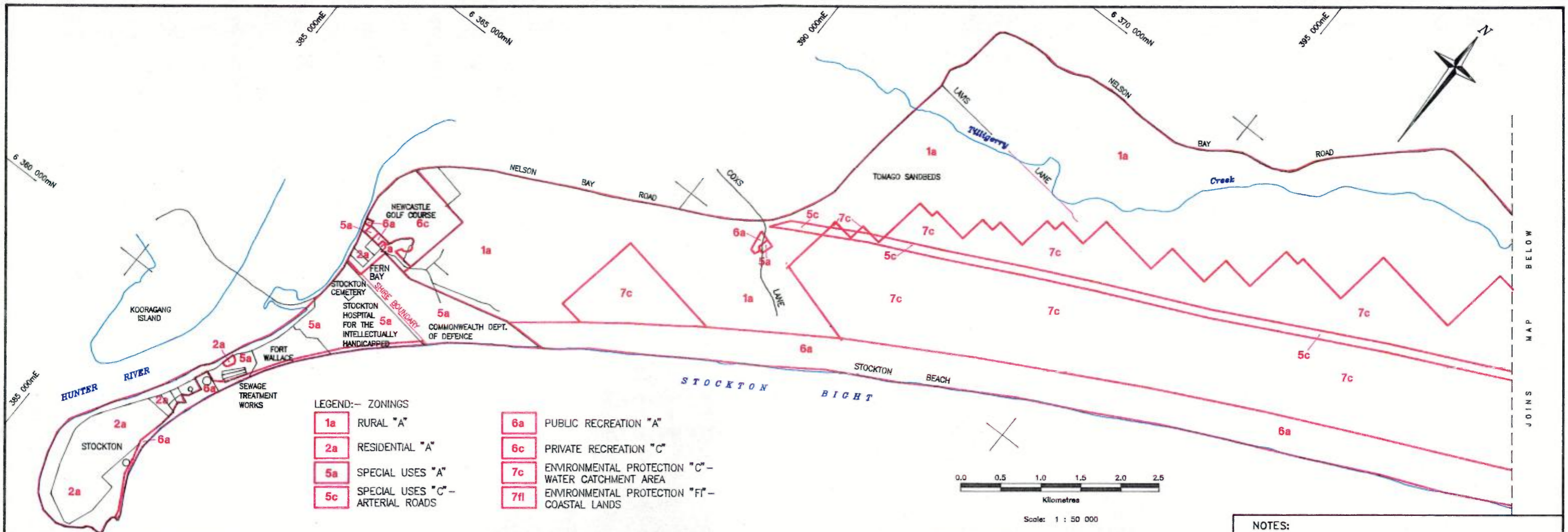
(Other offices at Sydney, Tamworth, Brisbane, Gladstone & Mackay)

JULY 1995

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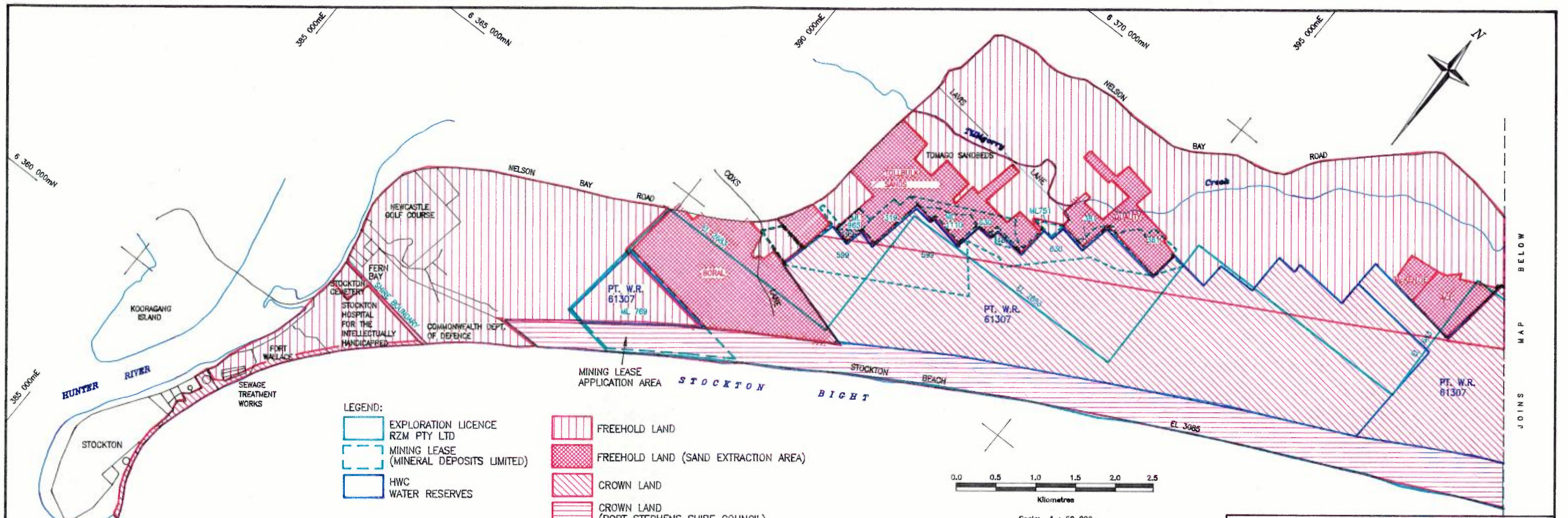




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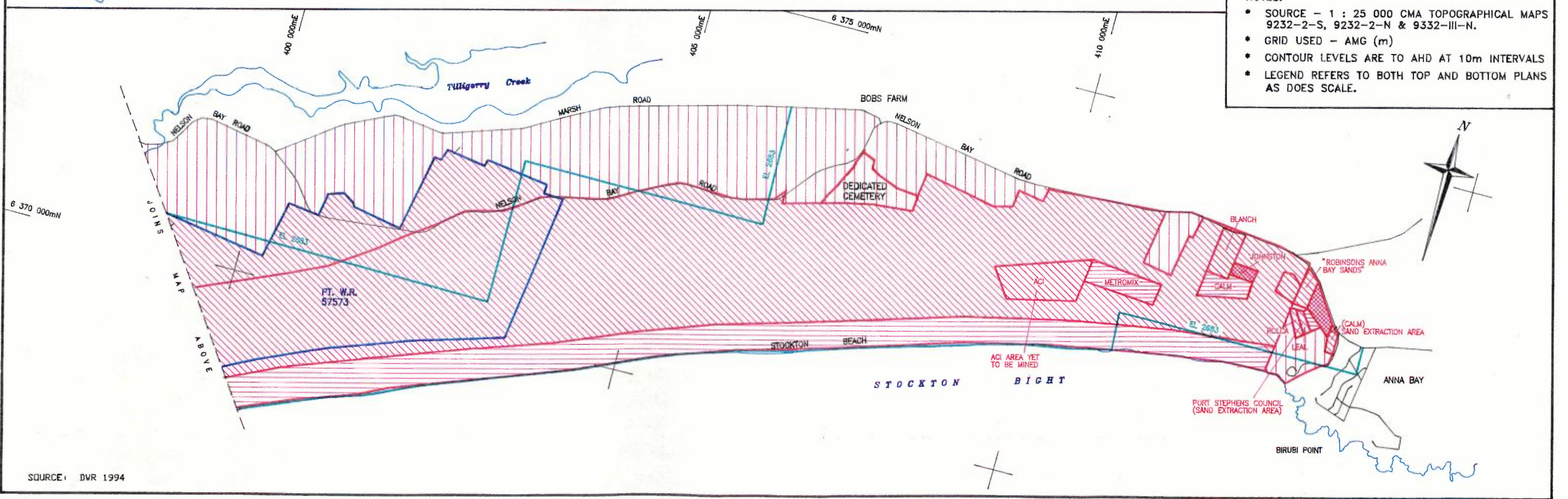
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- * GRID USED - AMG (m)
- * CONTOUR LEVELS ARE TO AHD AT 10m INTERVALS
- * LEGEND REFERS TO BOTH TOP AND BOTTOM PLANS AS DOES SCALE.

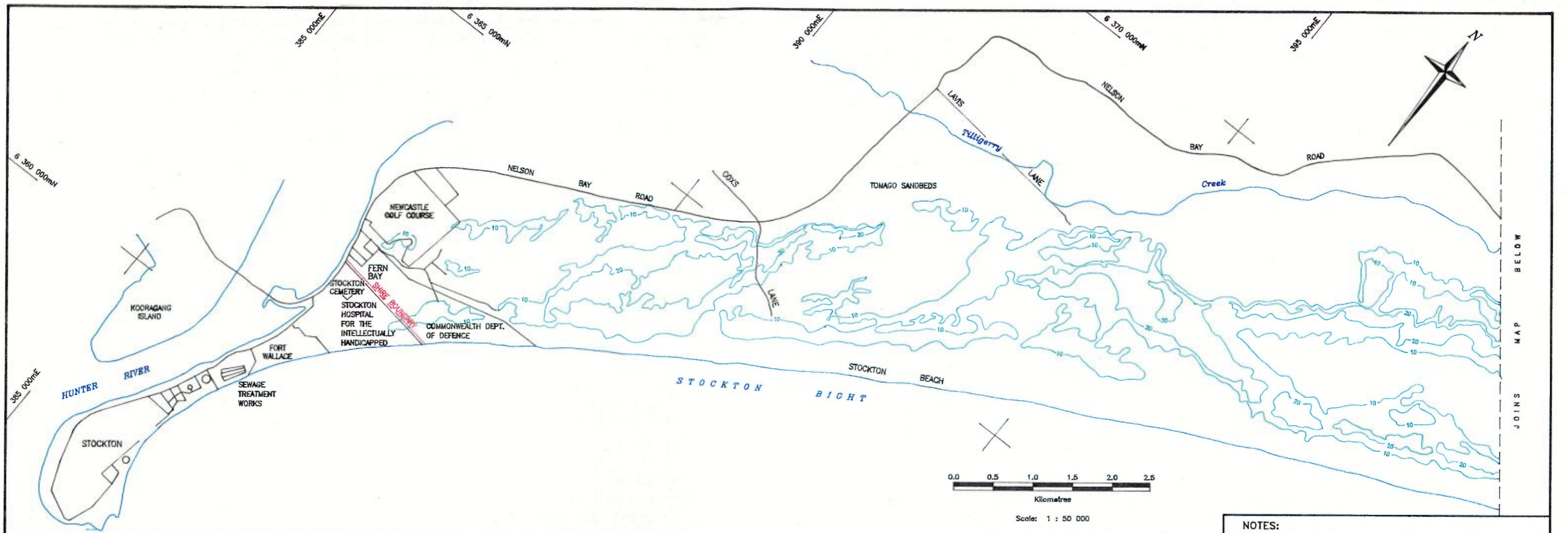
SOURCE: DWR 1994



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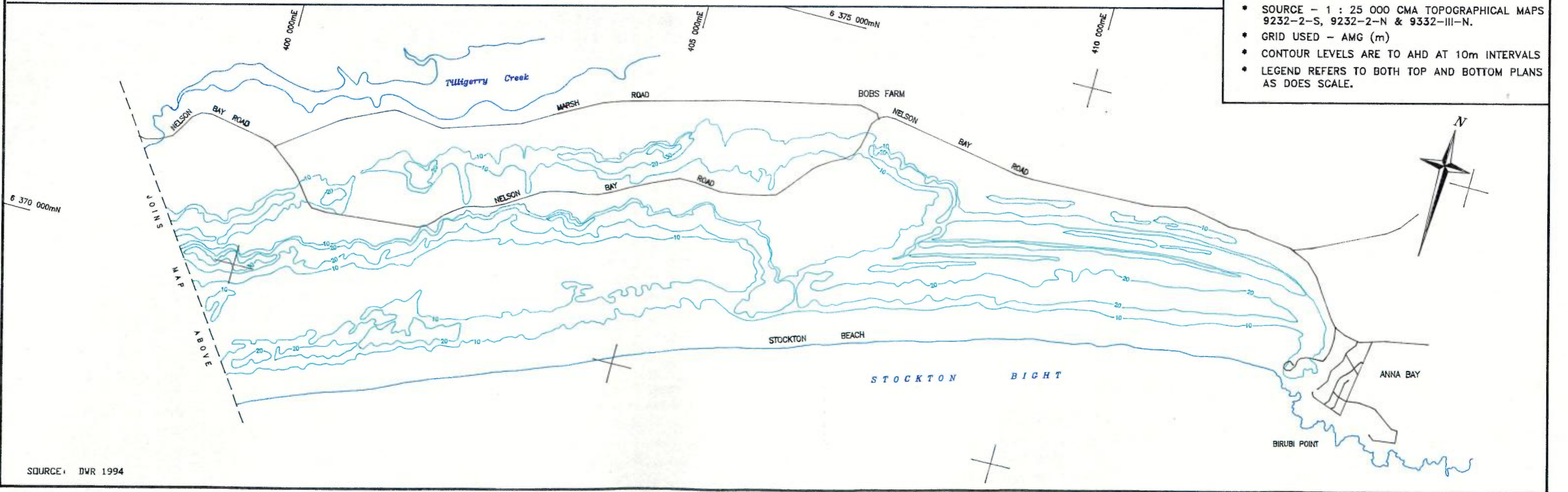
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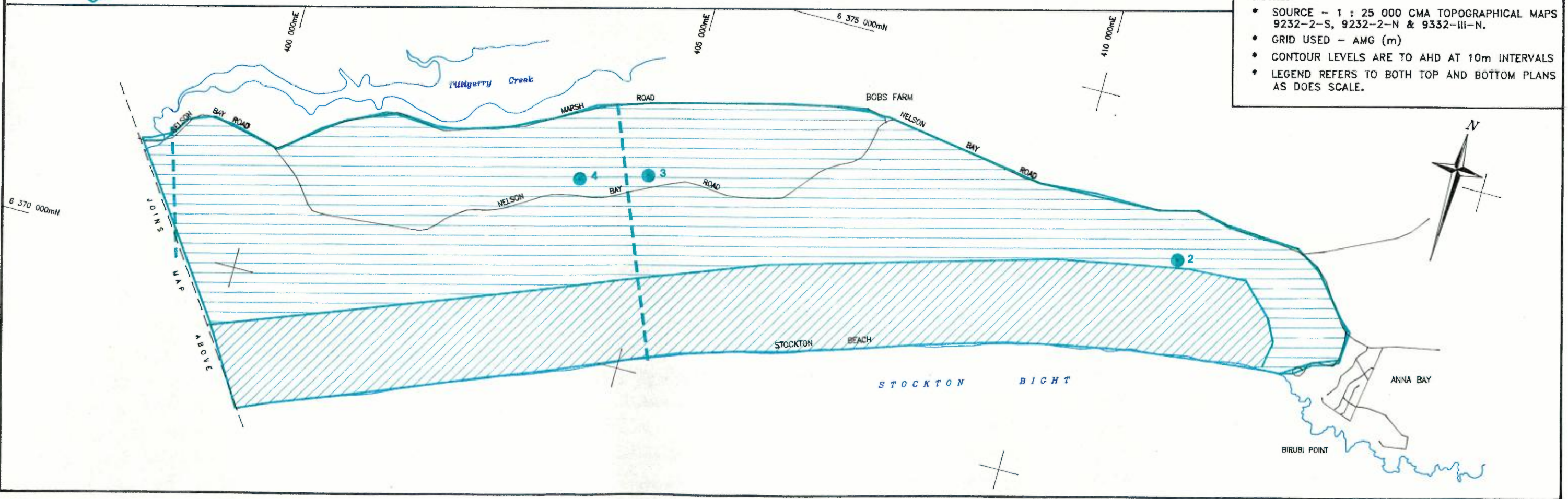
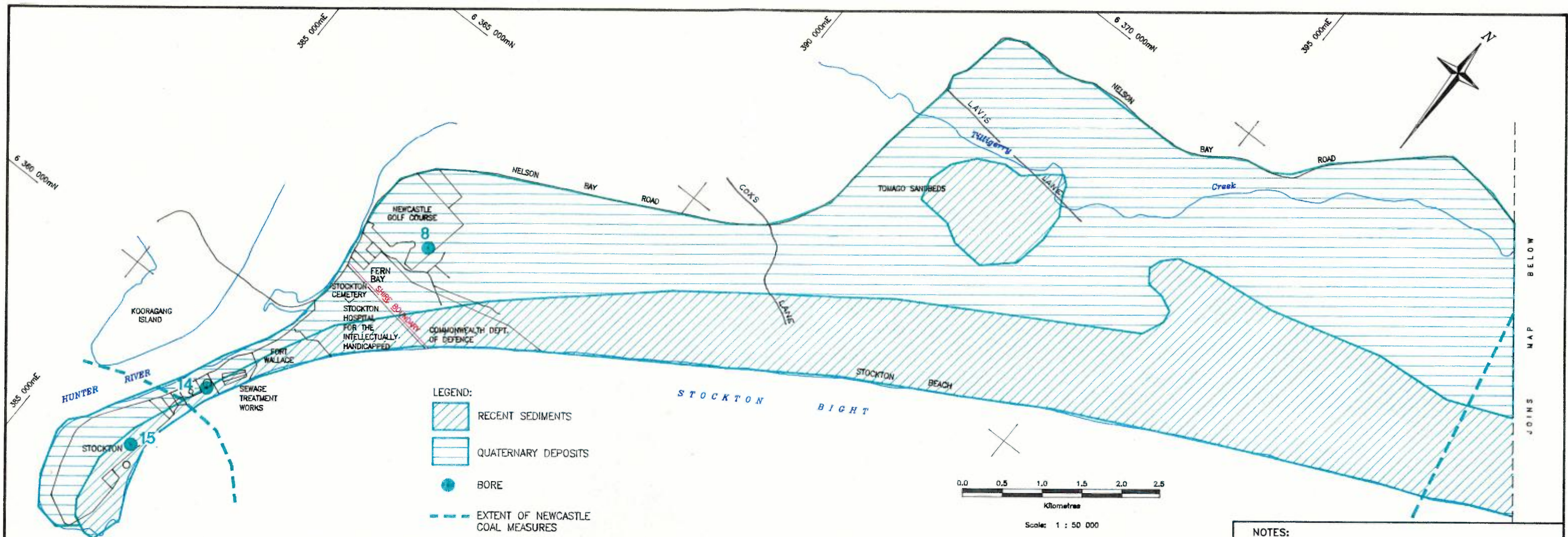


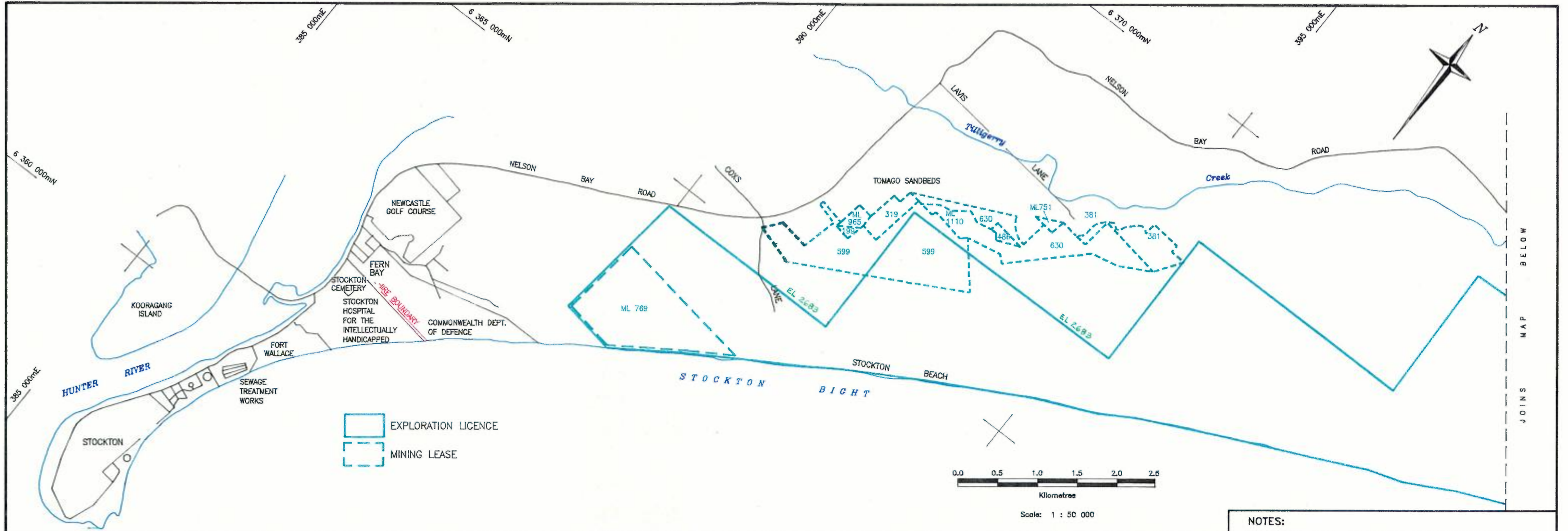
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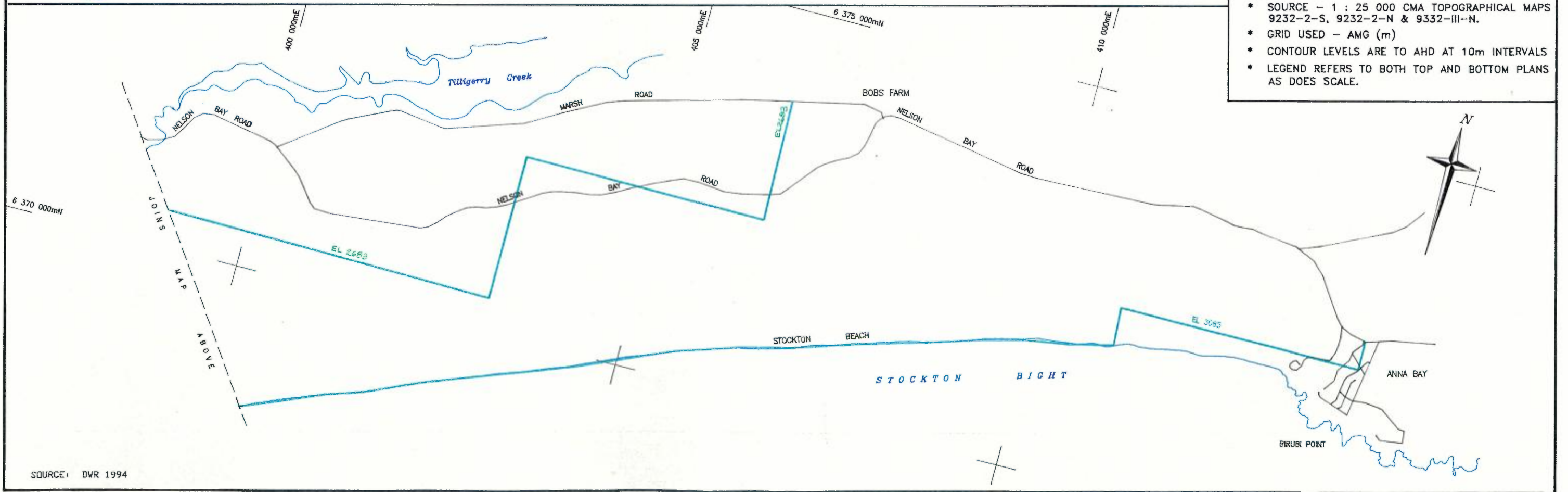


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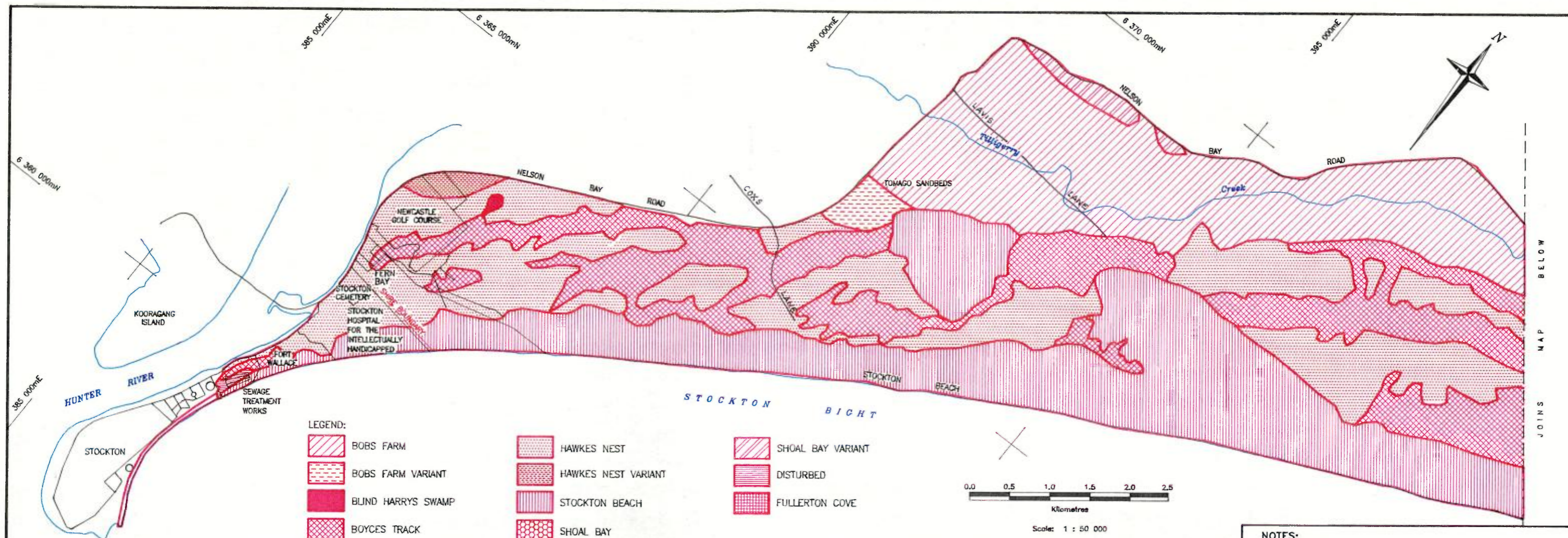




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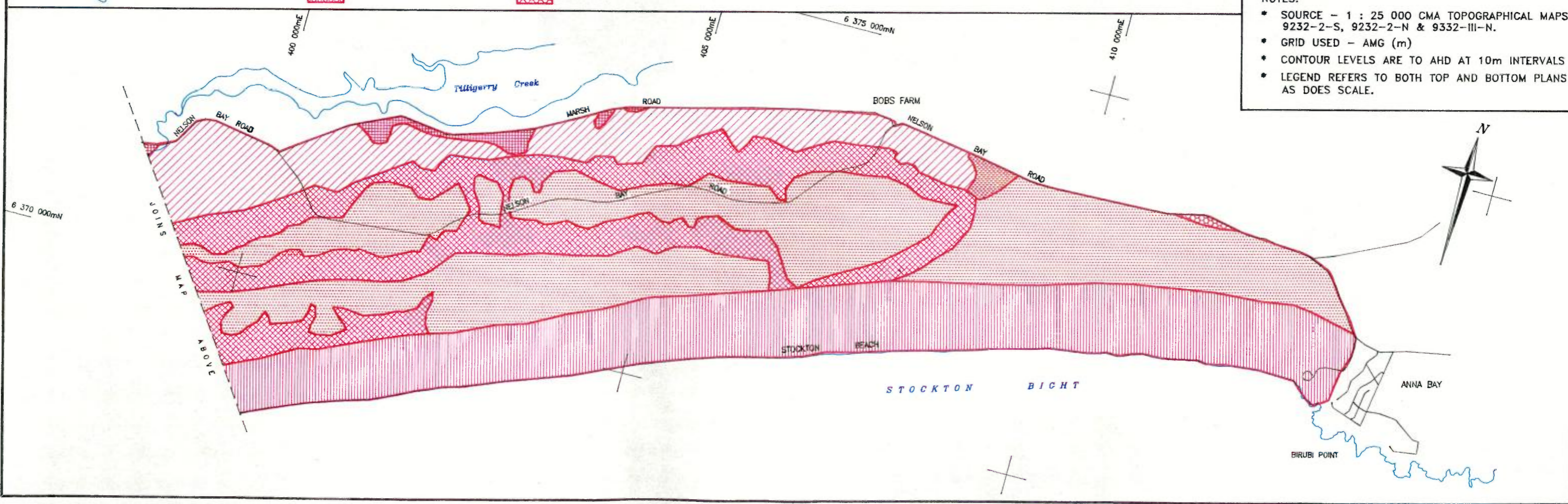


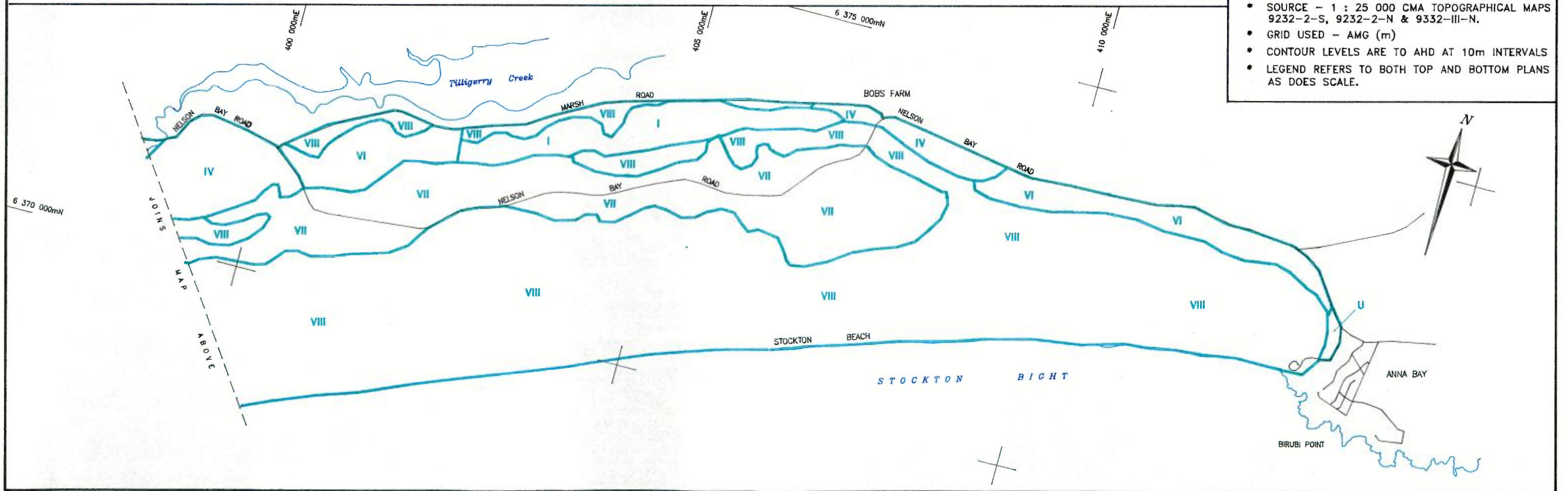
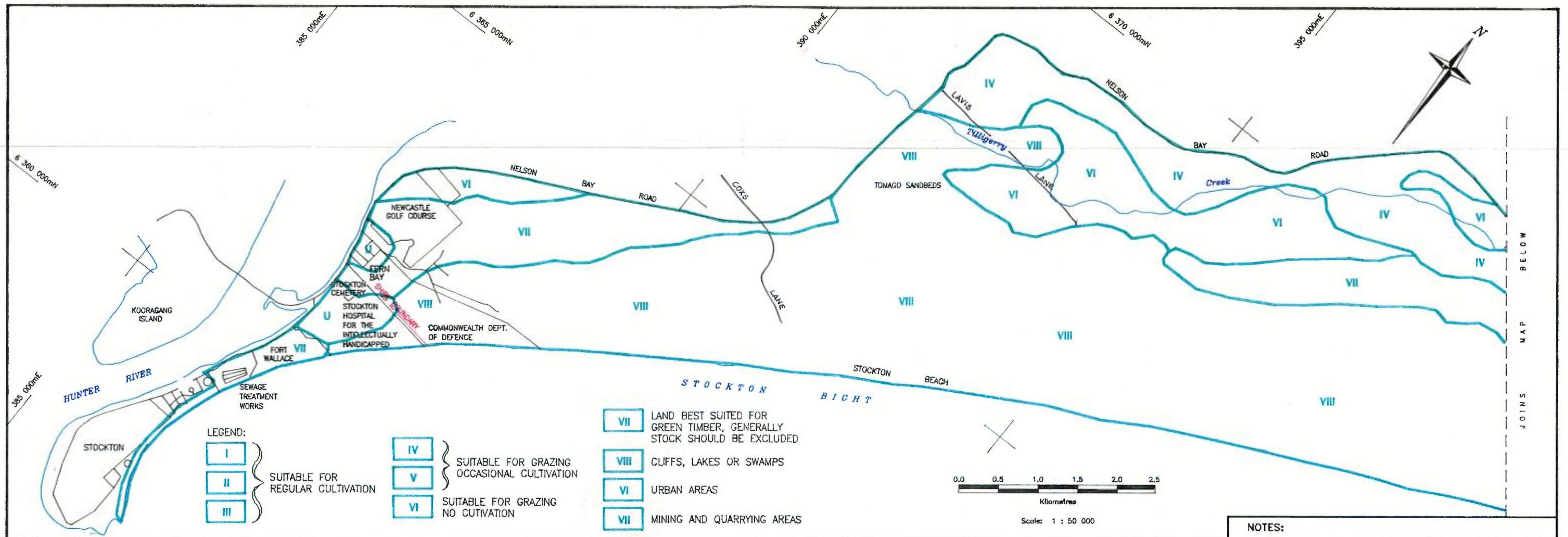
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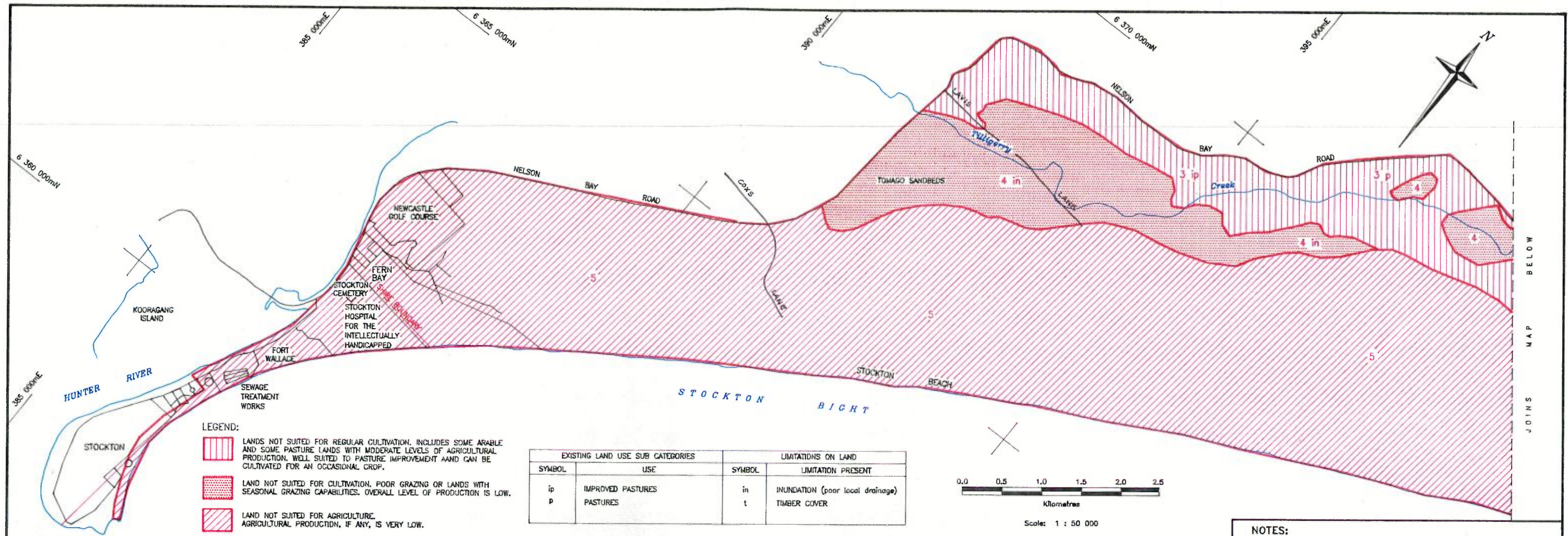
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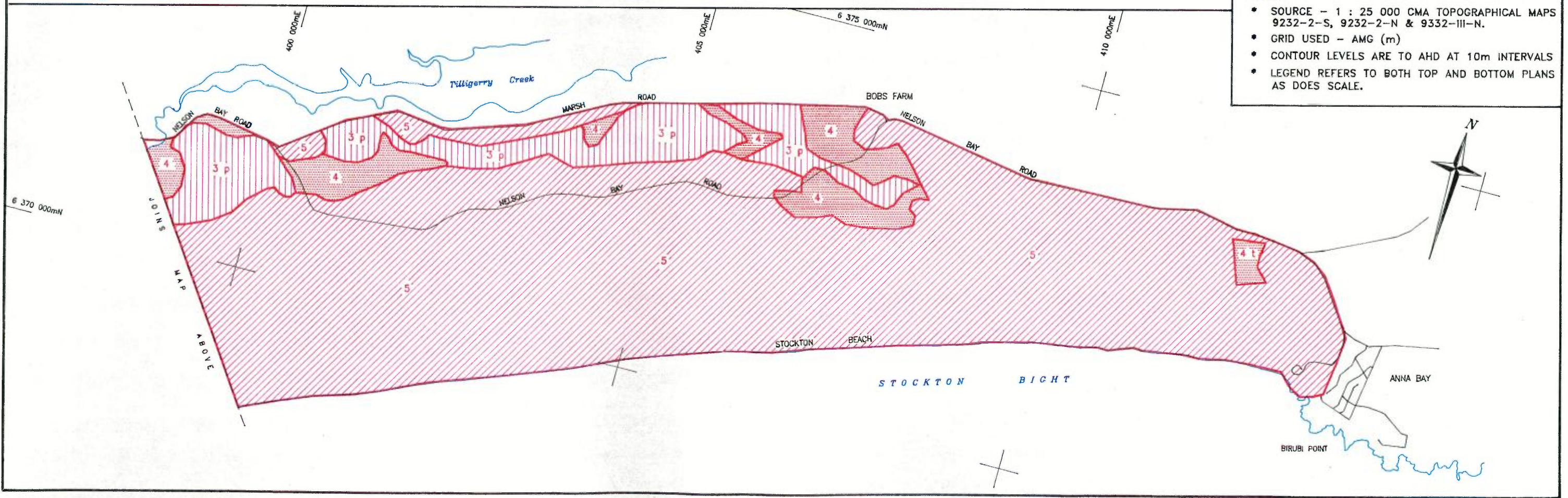
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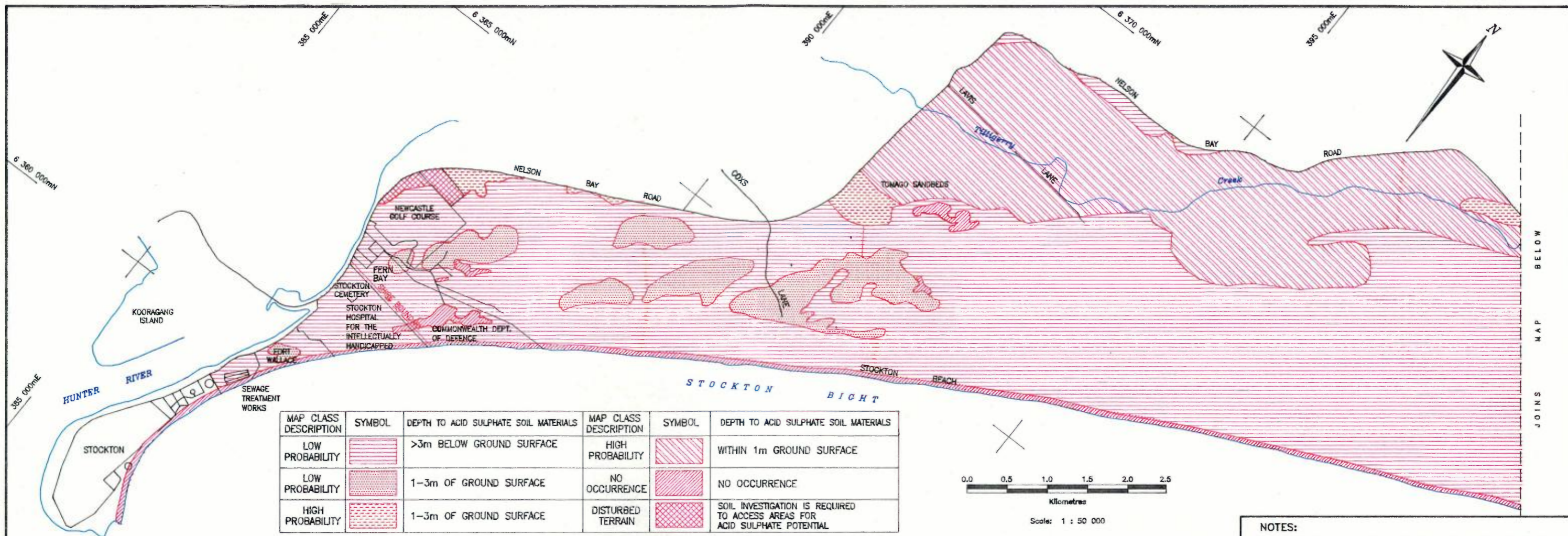
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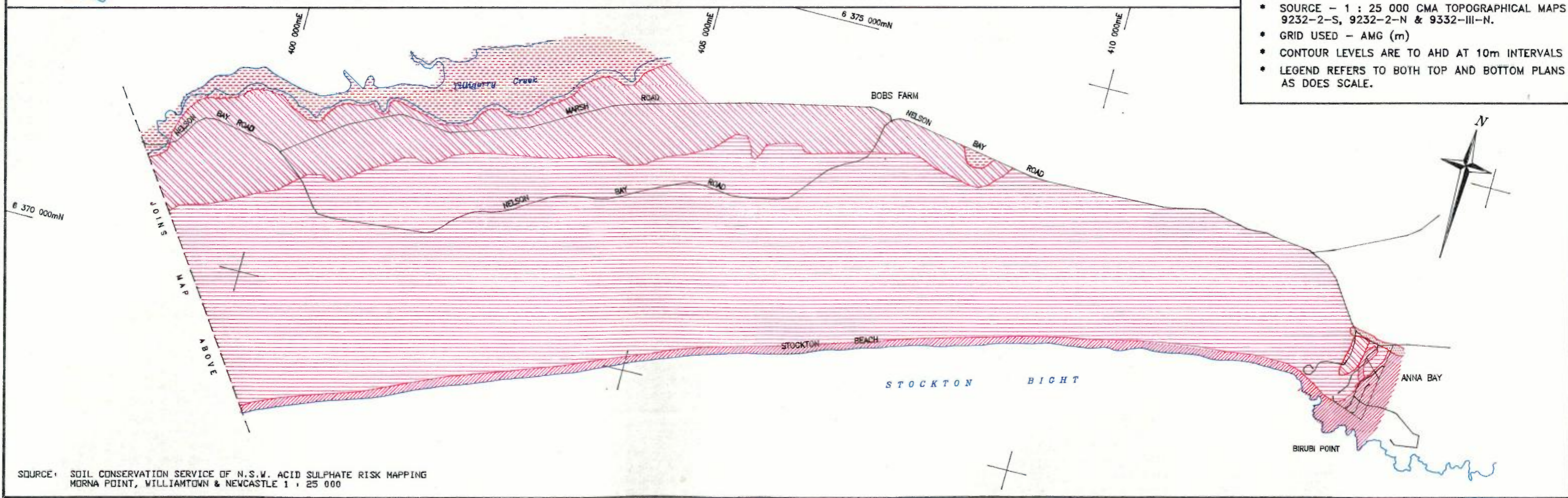
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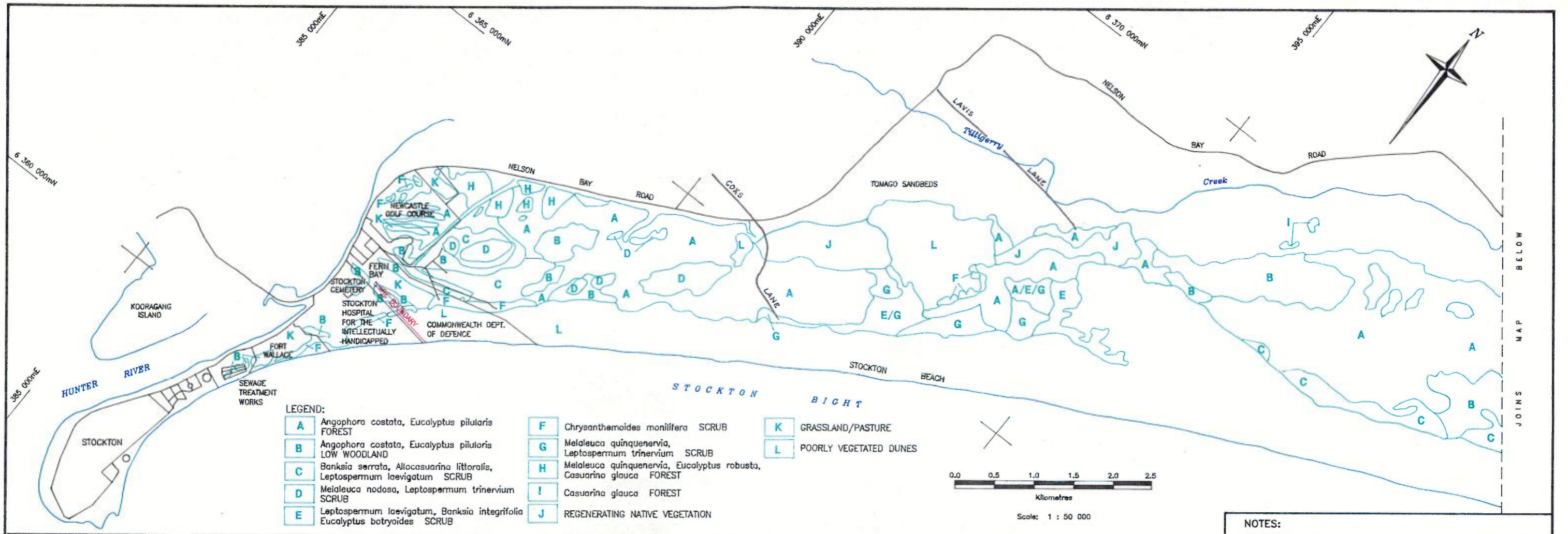


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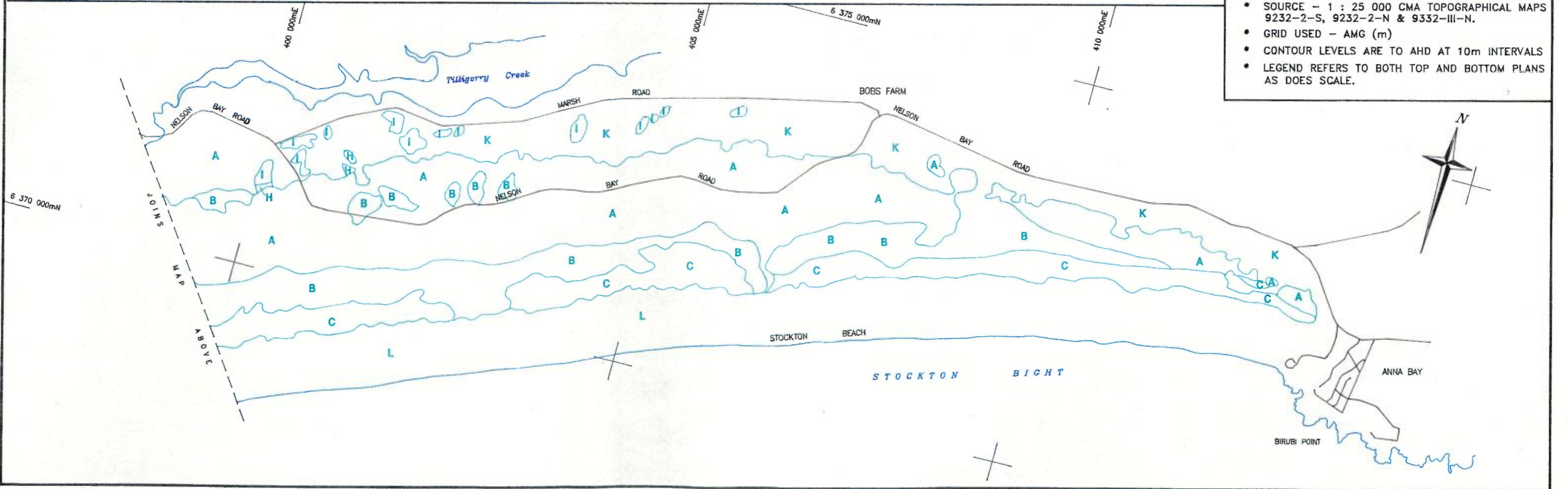


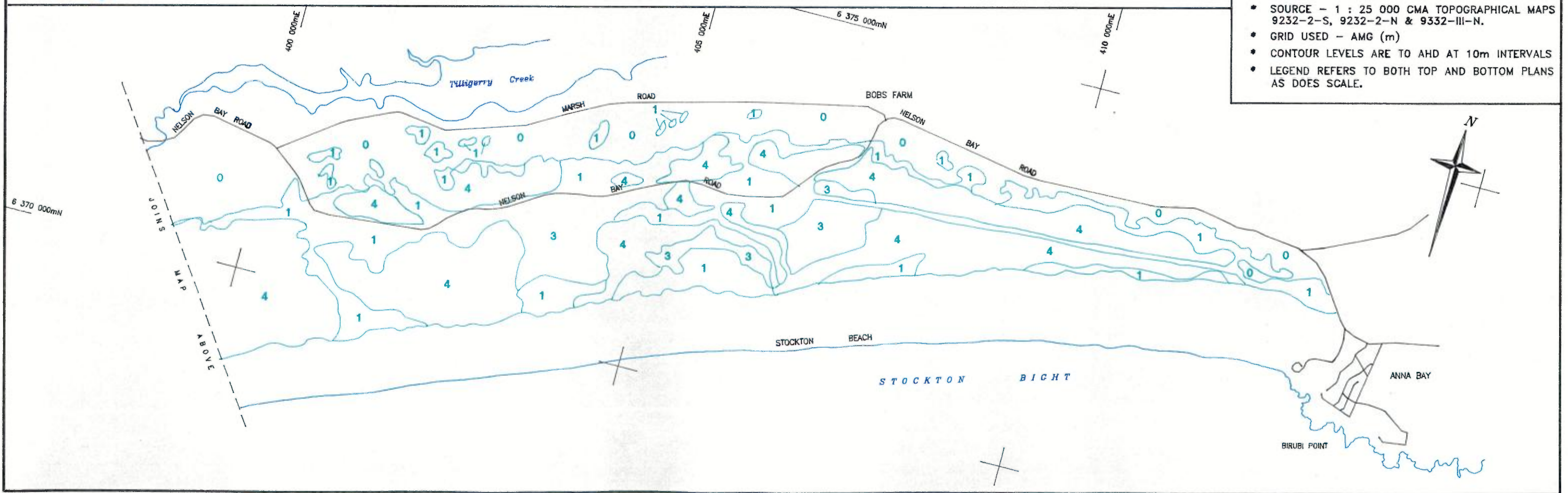
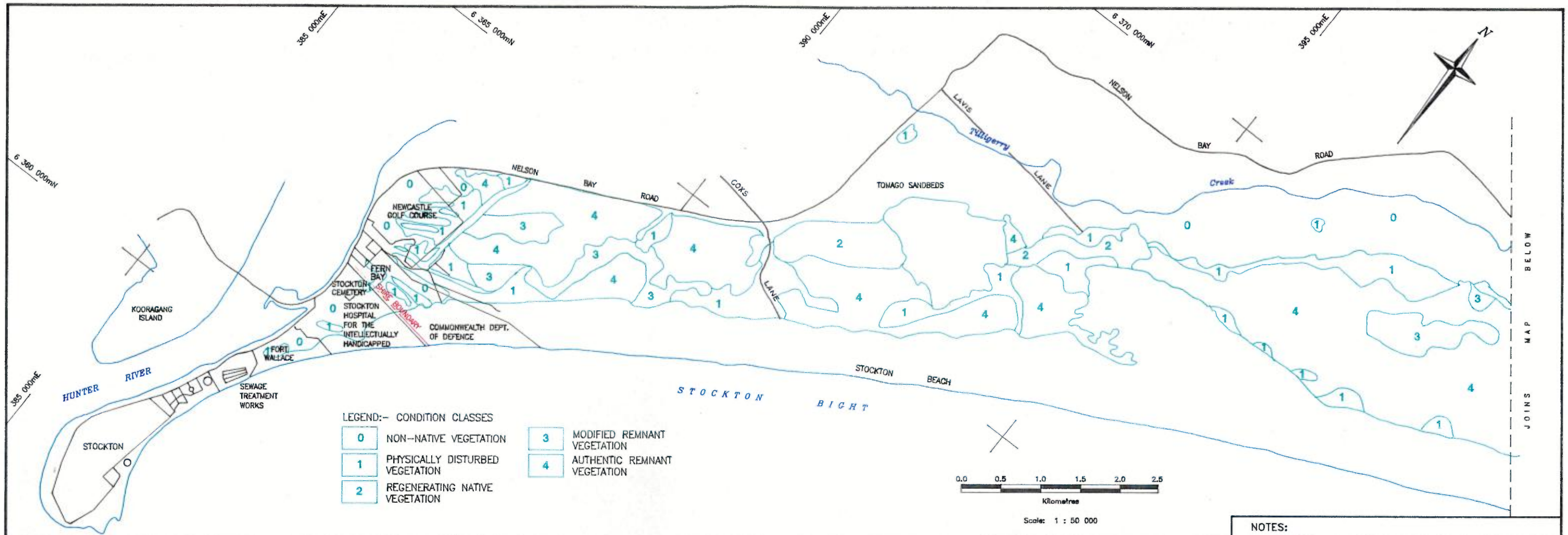
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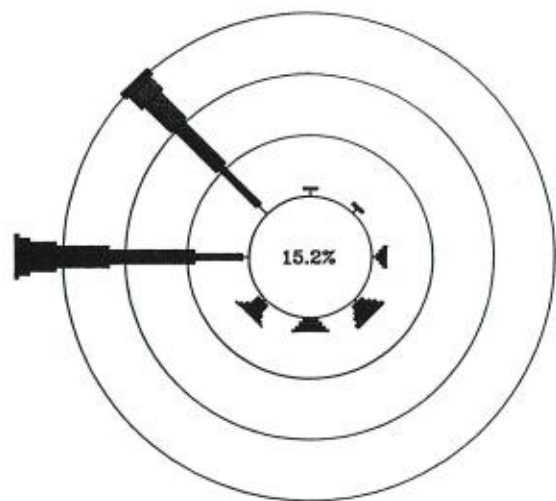
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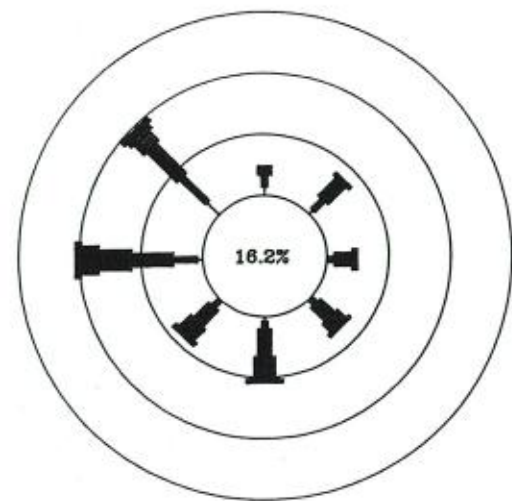




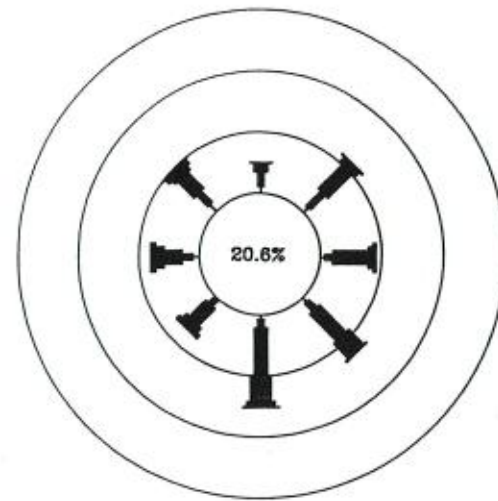
9am



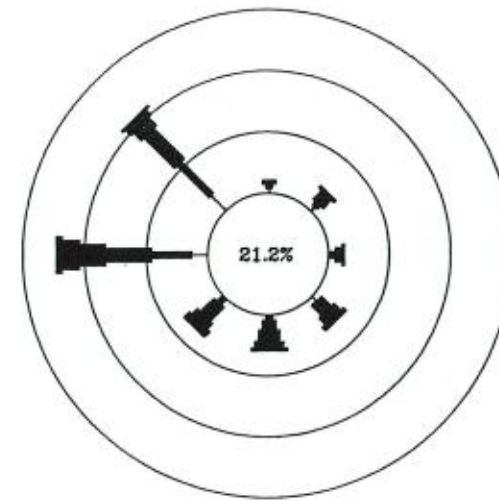
Winter



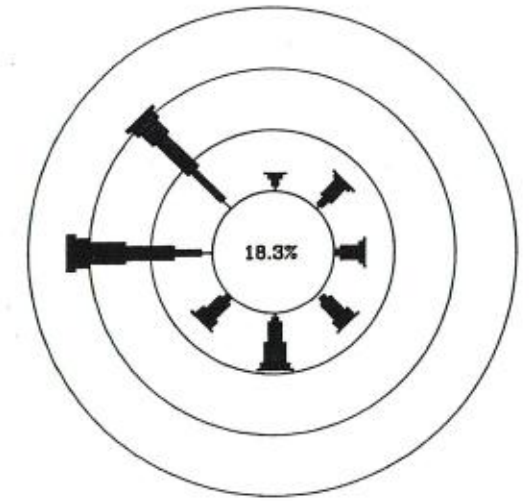
Spring



Summer

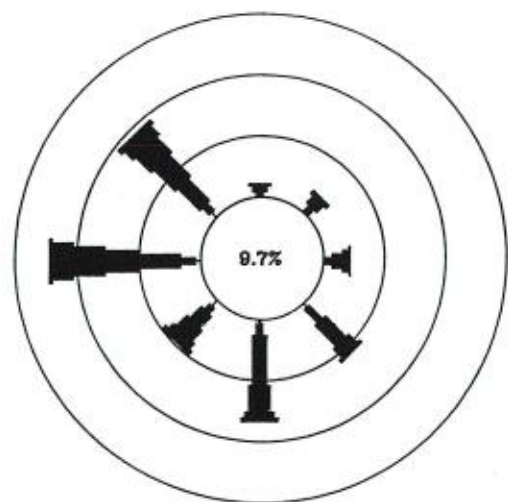


Autumn

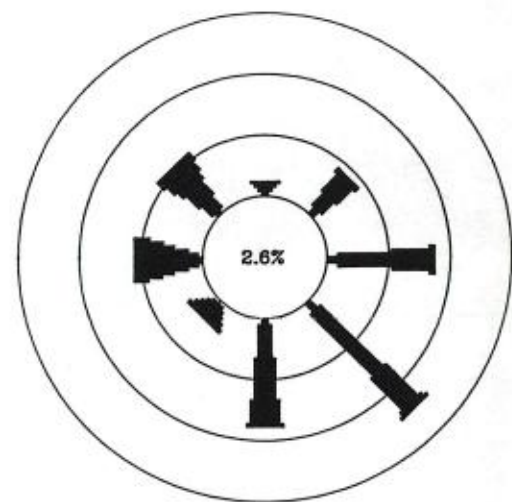


Annual

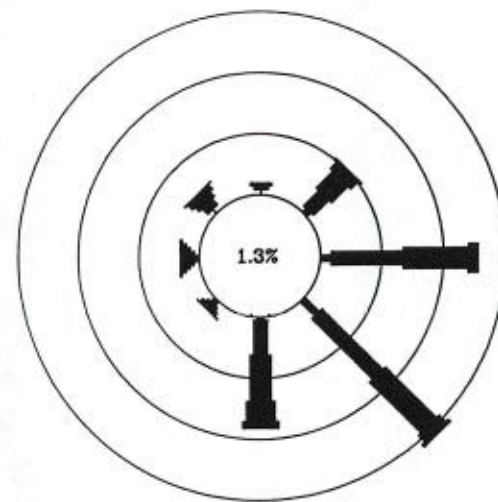
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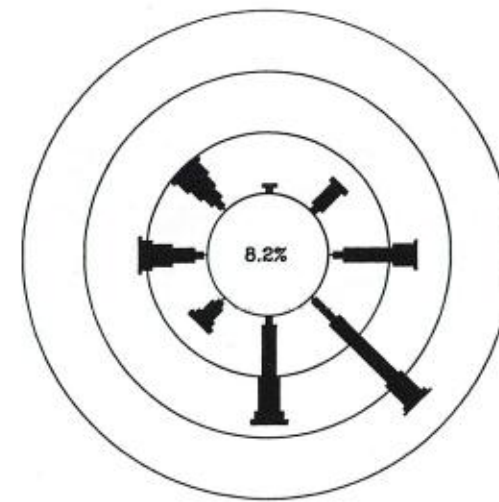
Winter



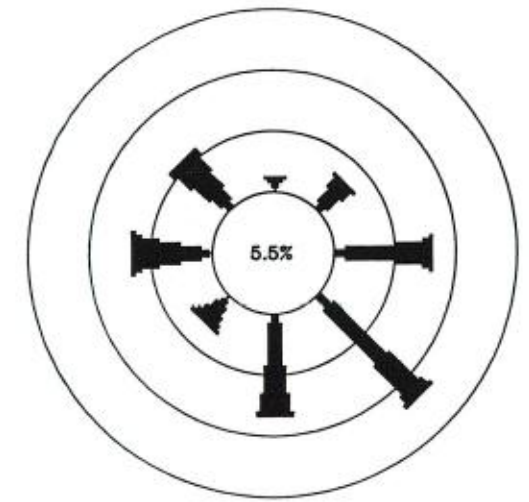
Spring



Summer



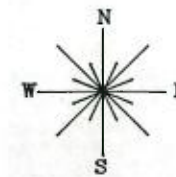
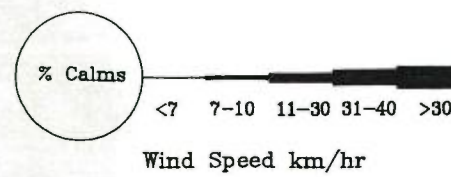
Autumn

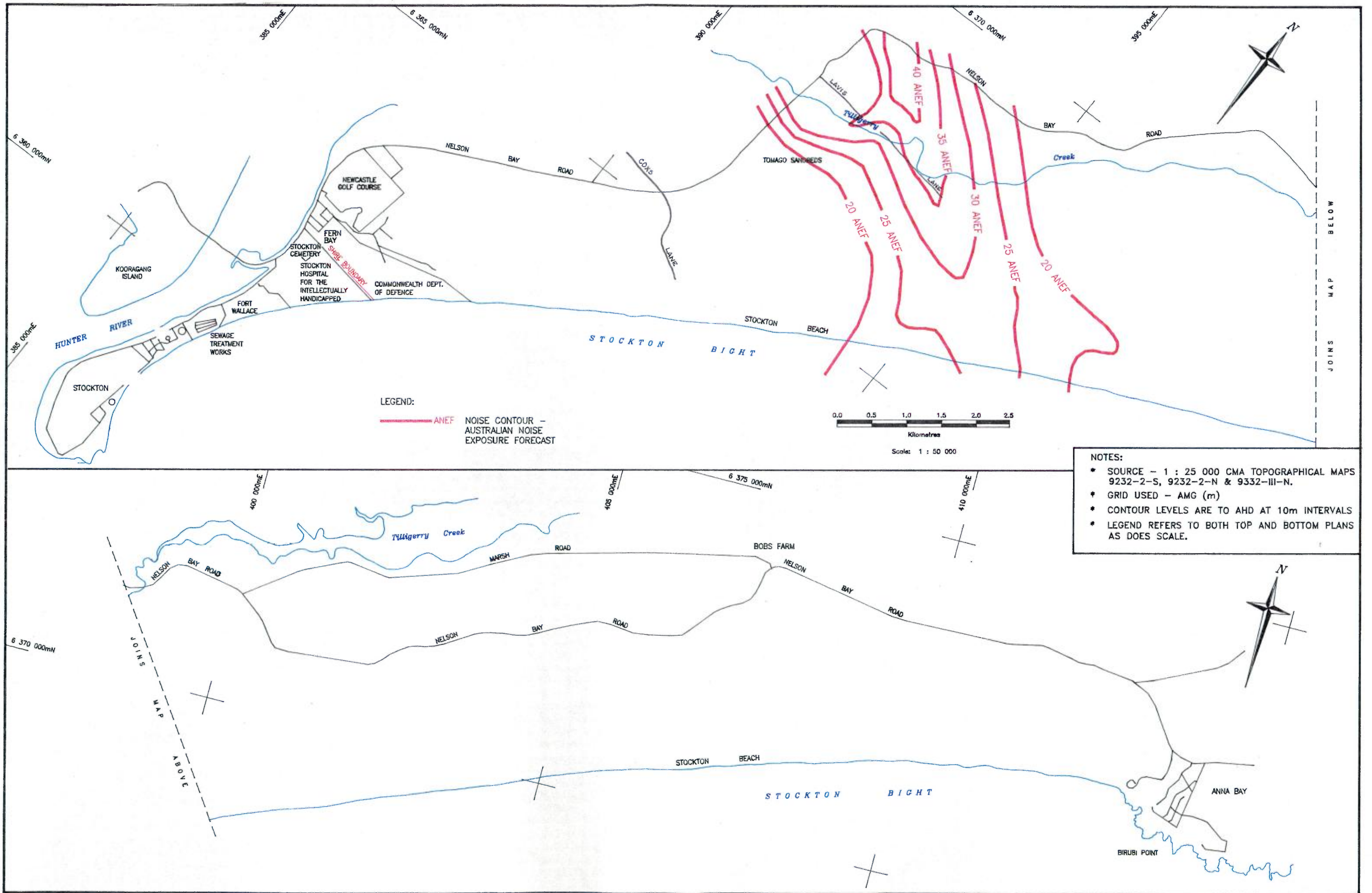


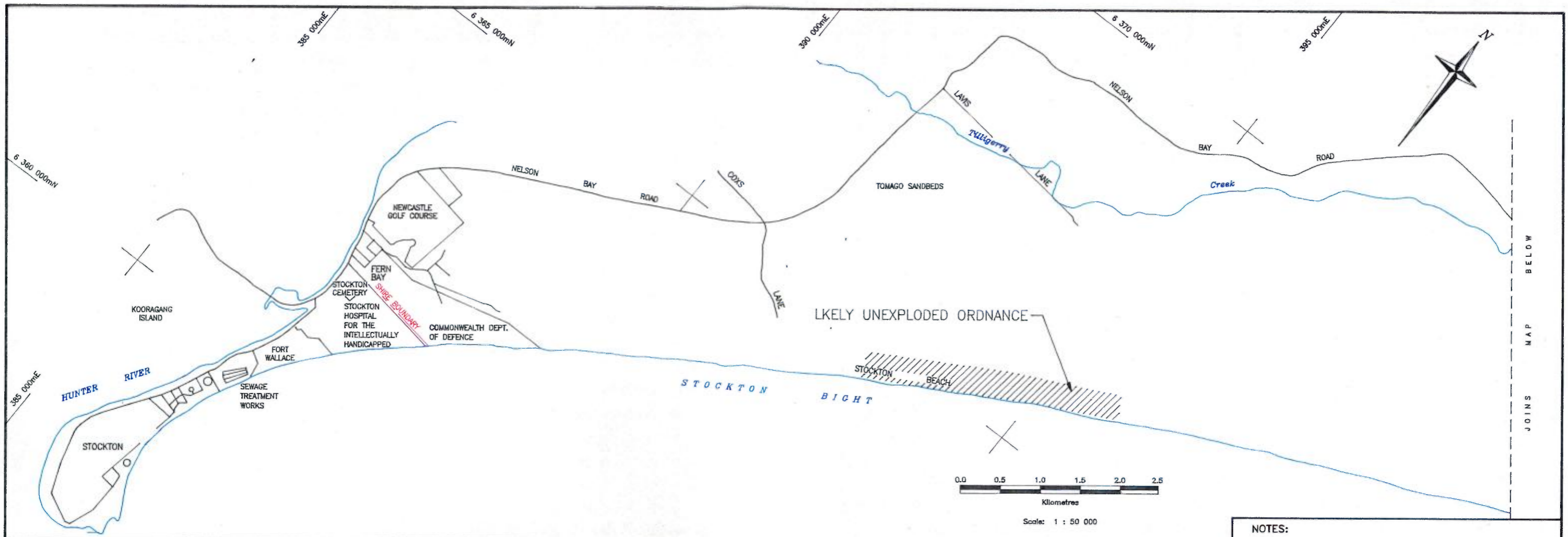
Annual

Concentric circles represent 10% frequency intervals

Frequencies for hours 0000 - 2400

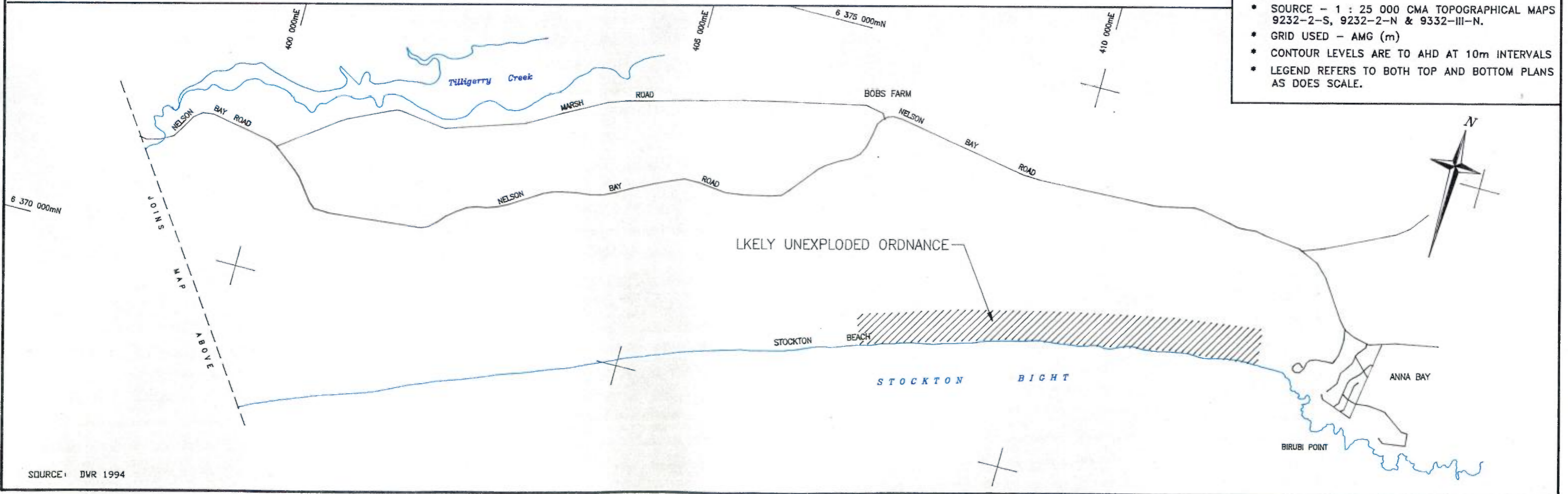




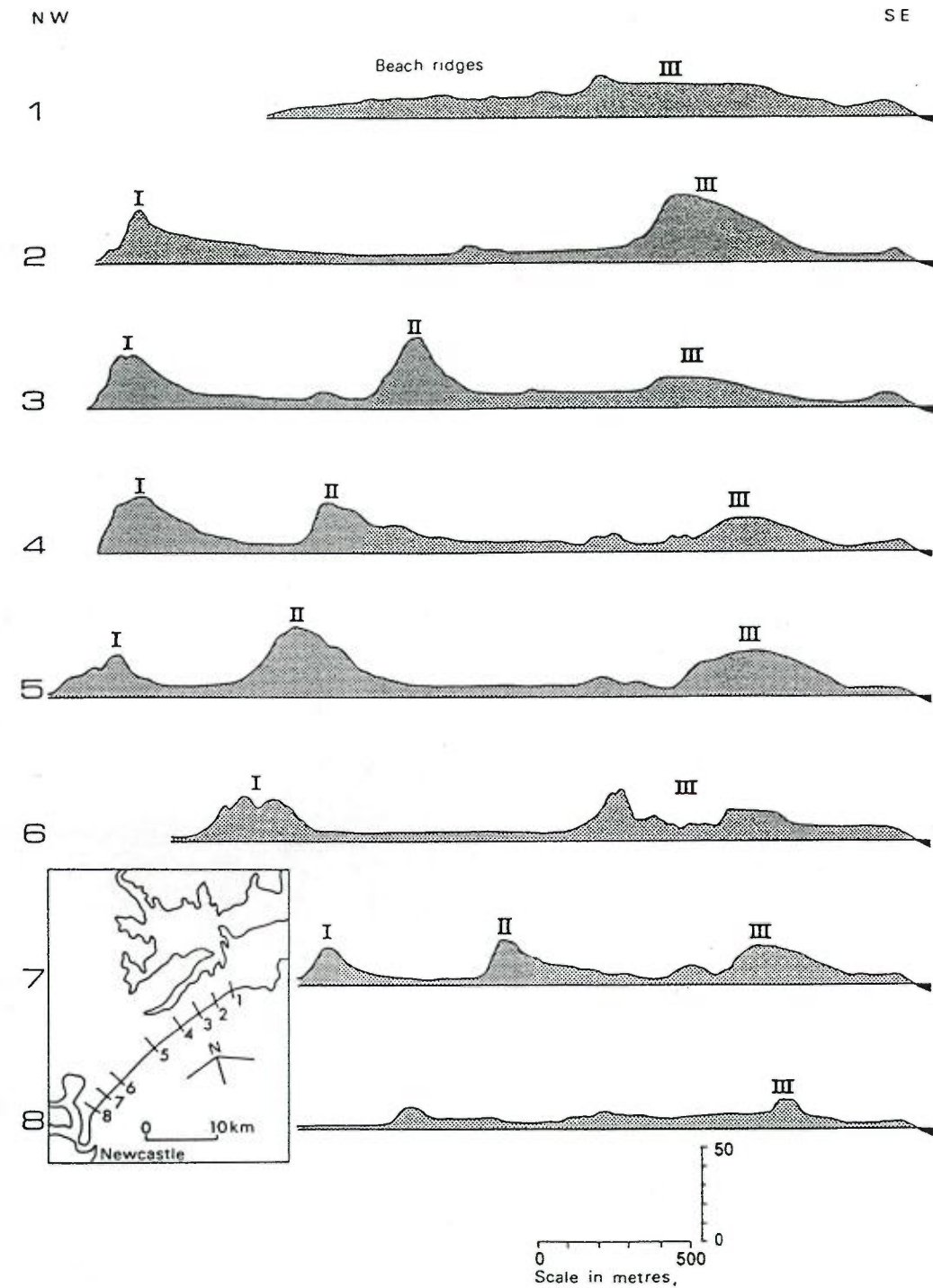


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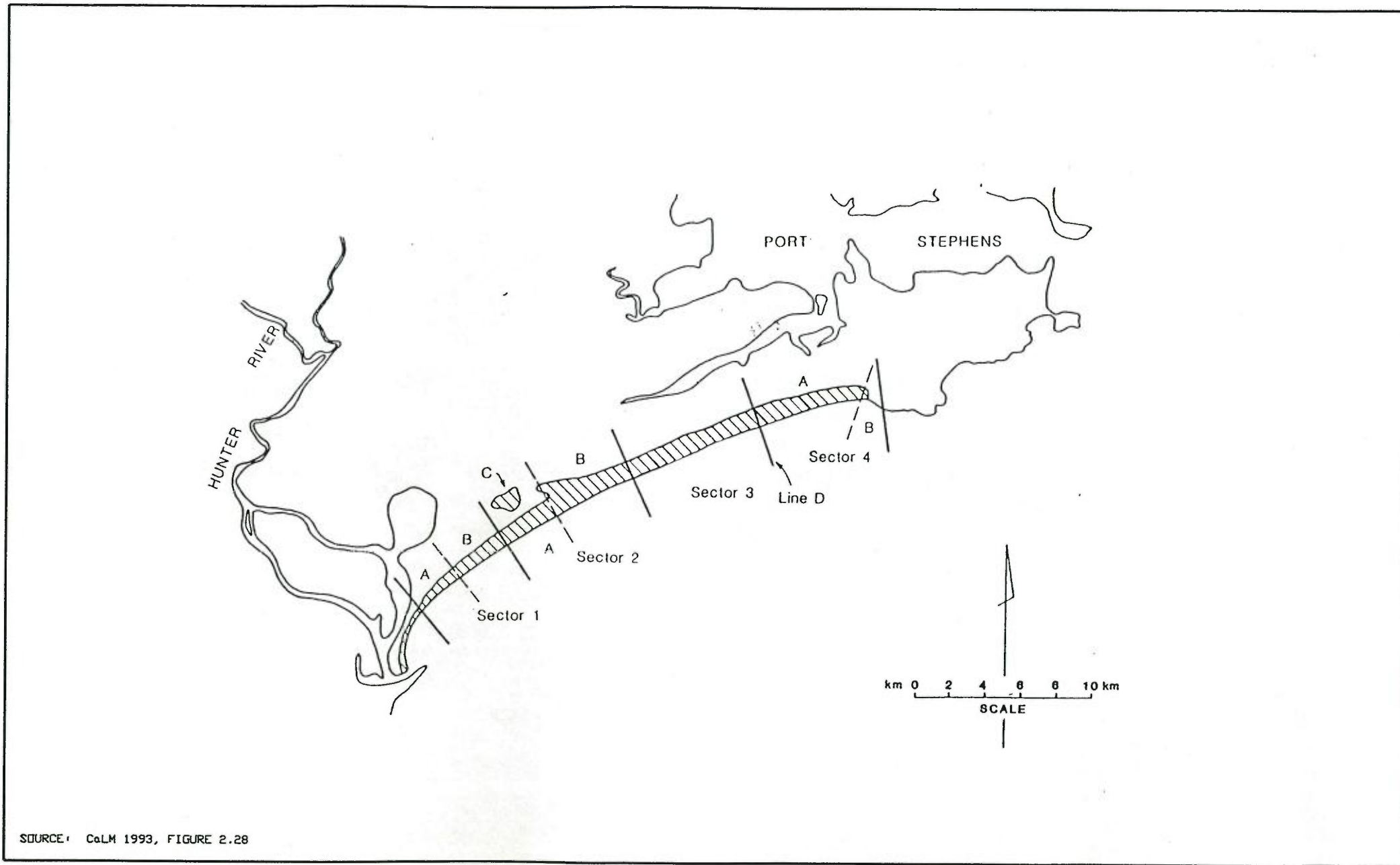


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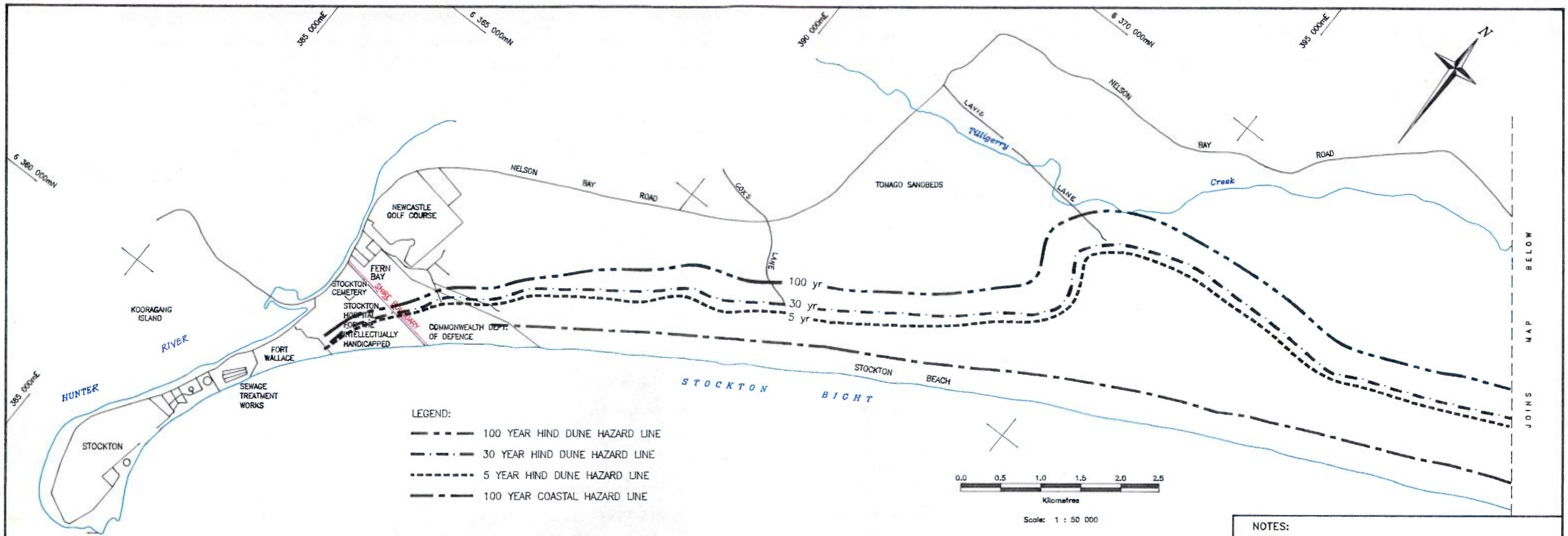


NOTE: I, II, III DESIGNATE THE 3 GEOLOGICAL TRANSGRESSIONS OF THE MOBILE DUNE.

SOURCE: B.G. THOM ET.AL. 1992, FIGURE 4.5

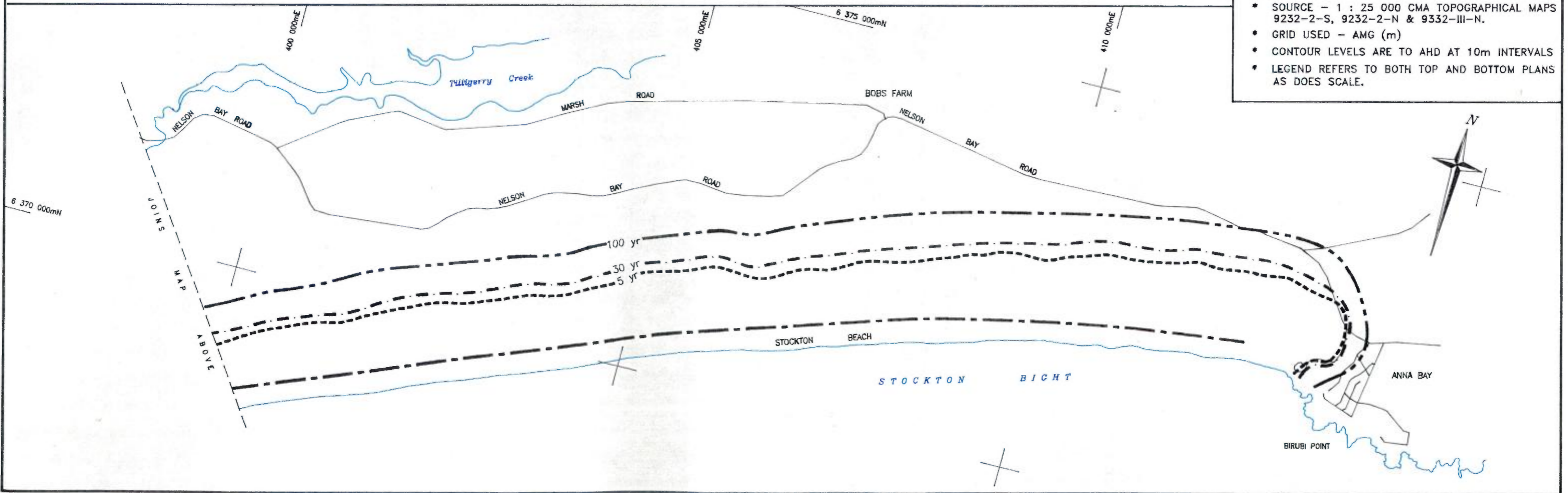


SOURCE: CaLM 1993, FIGURE 2.28

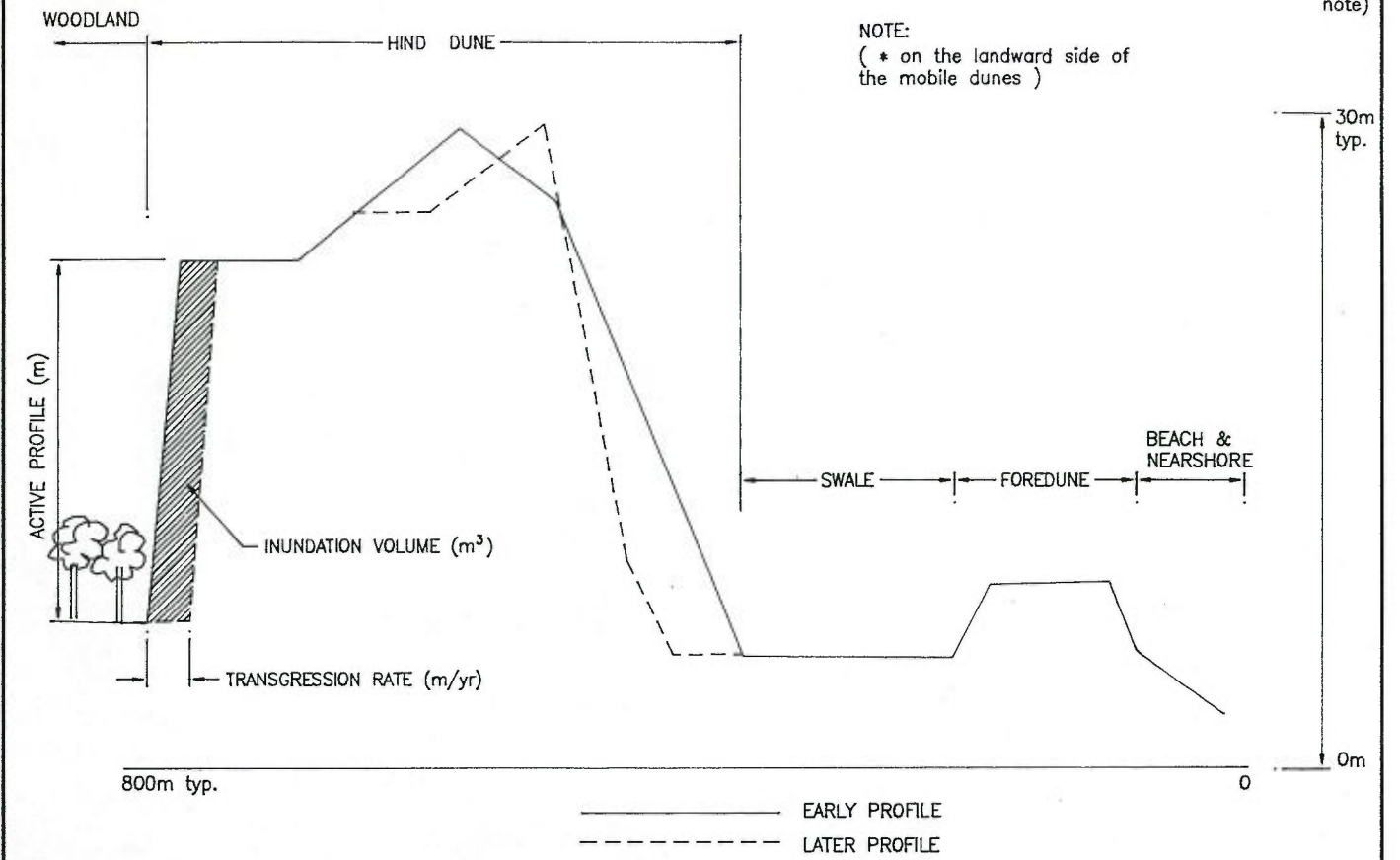


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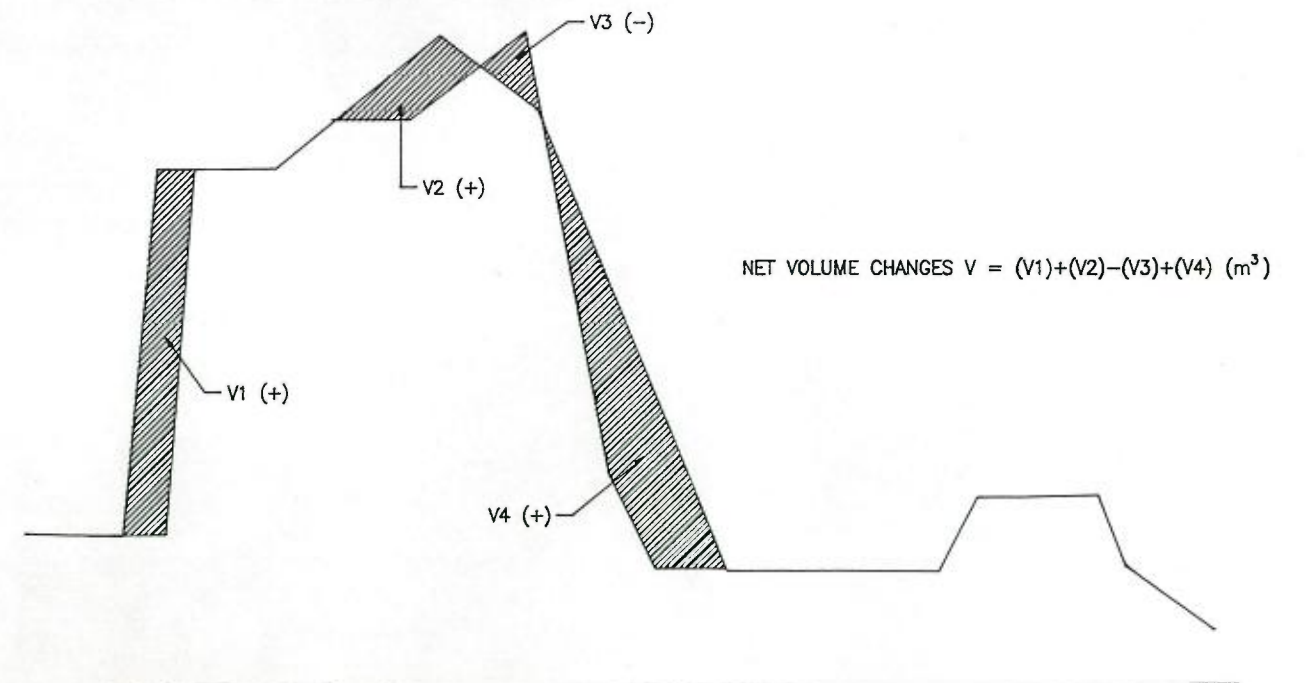
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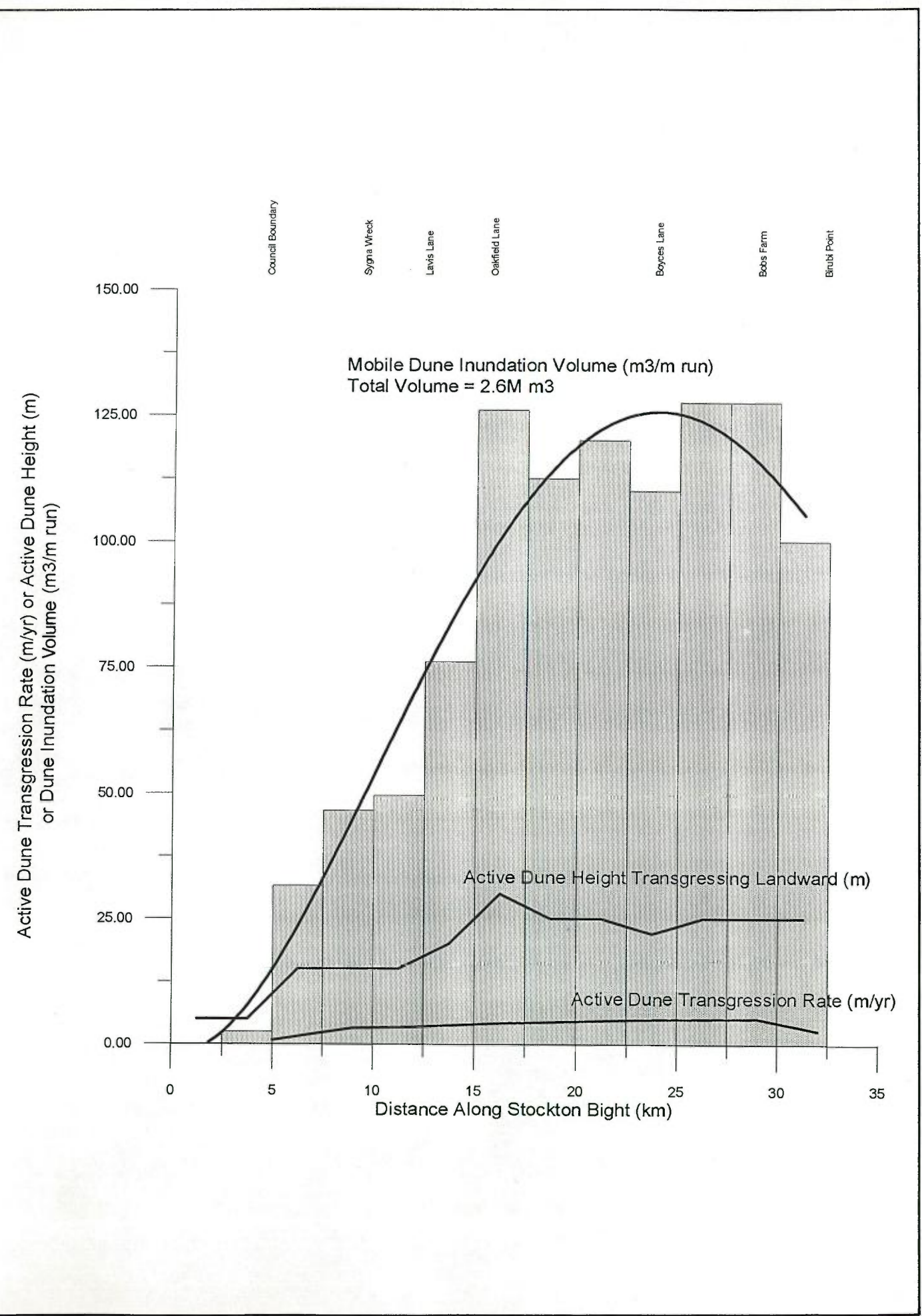
DEFINITION: TRANGRESSION RATE, INUNDATION VOLUME, ACTIVE PROFILE HEIGHT ^x
(see note)



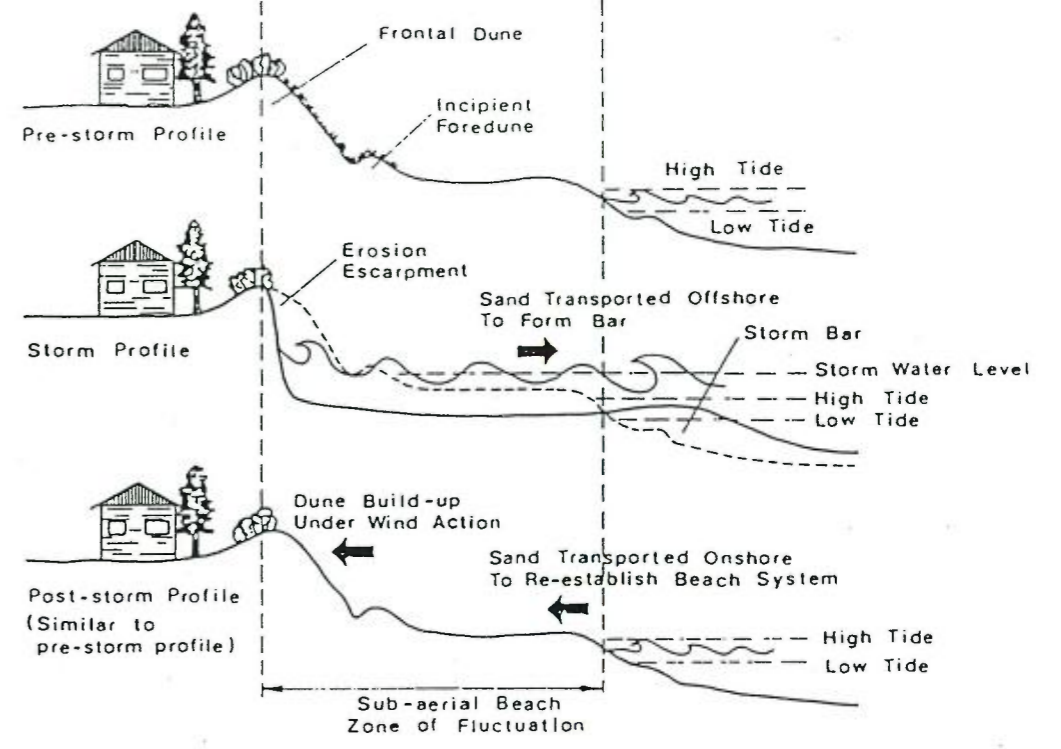
DEFINITION: NET VOLUME CHANGE



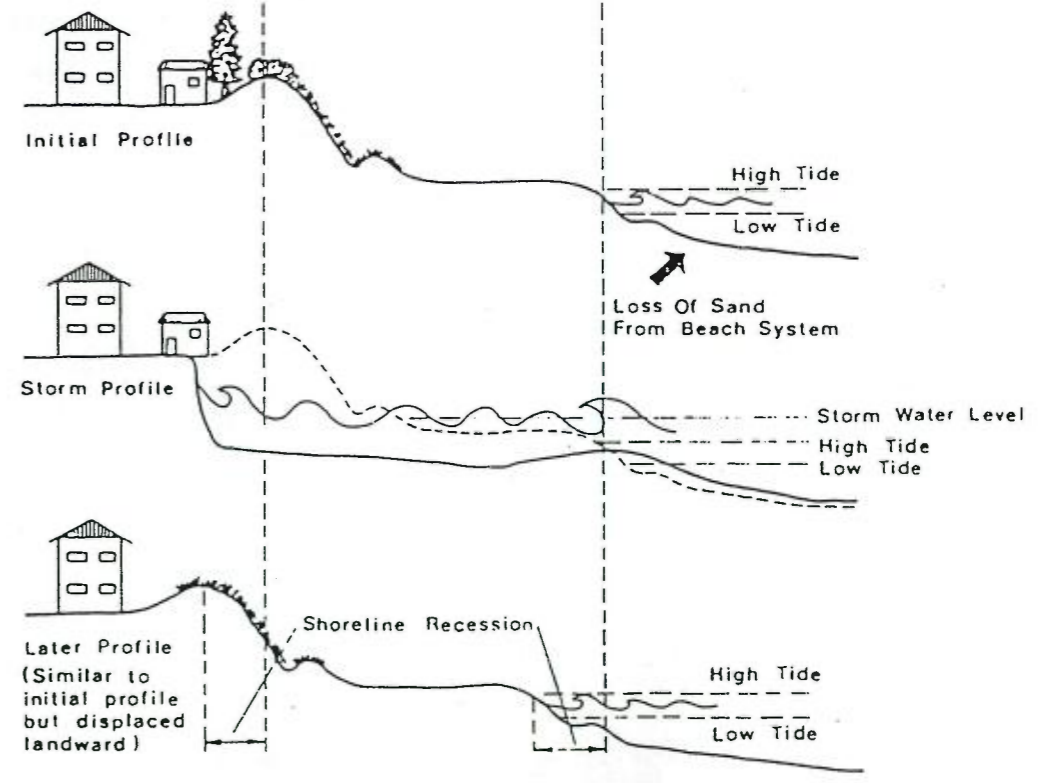
NOTE: NOT TO SCALE - FOR DIAGRAMMATIC PURPOSES ONLY



BEACH EROSION / ACCRETION CYCLE

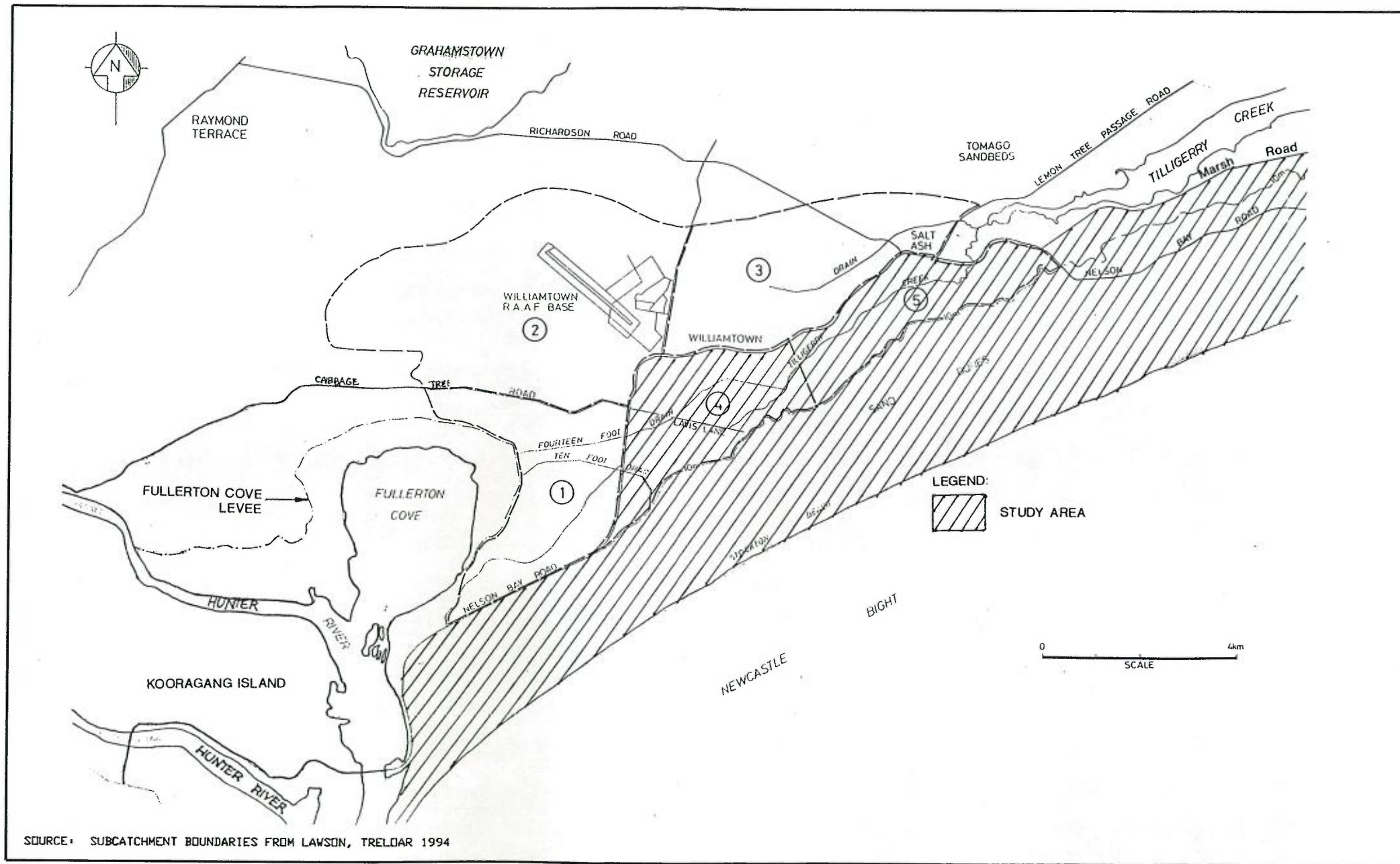


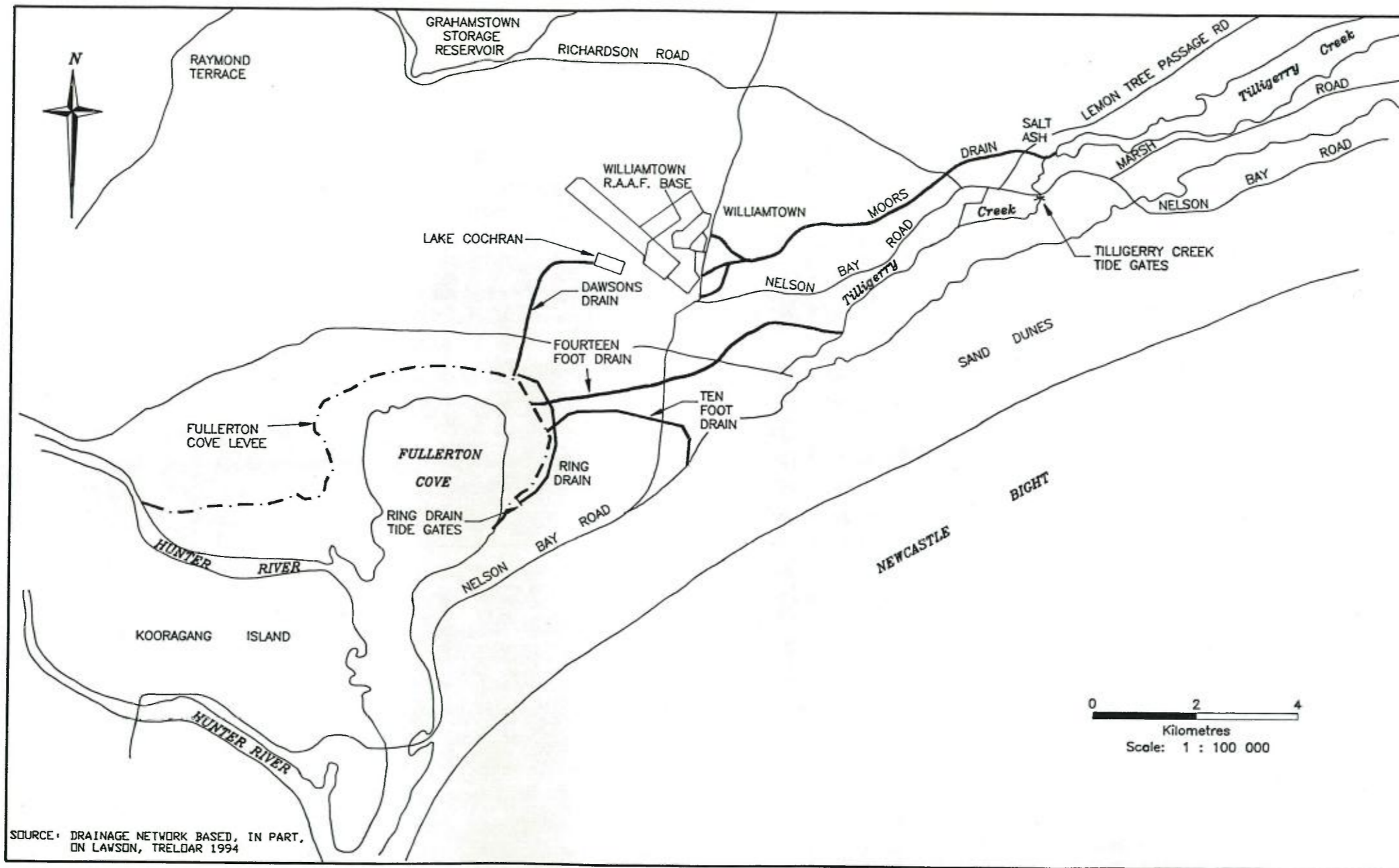
SHORELINE RESSION




(after PWD 1985)



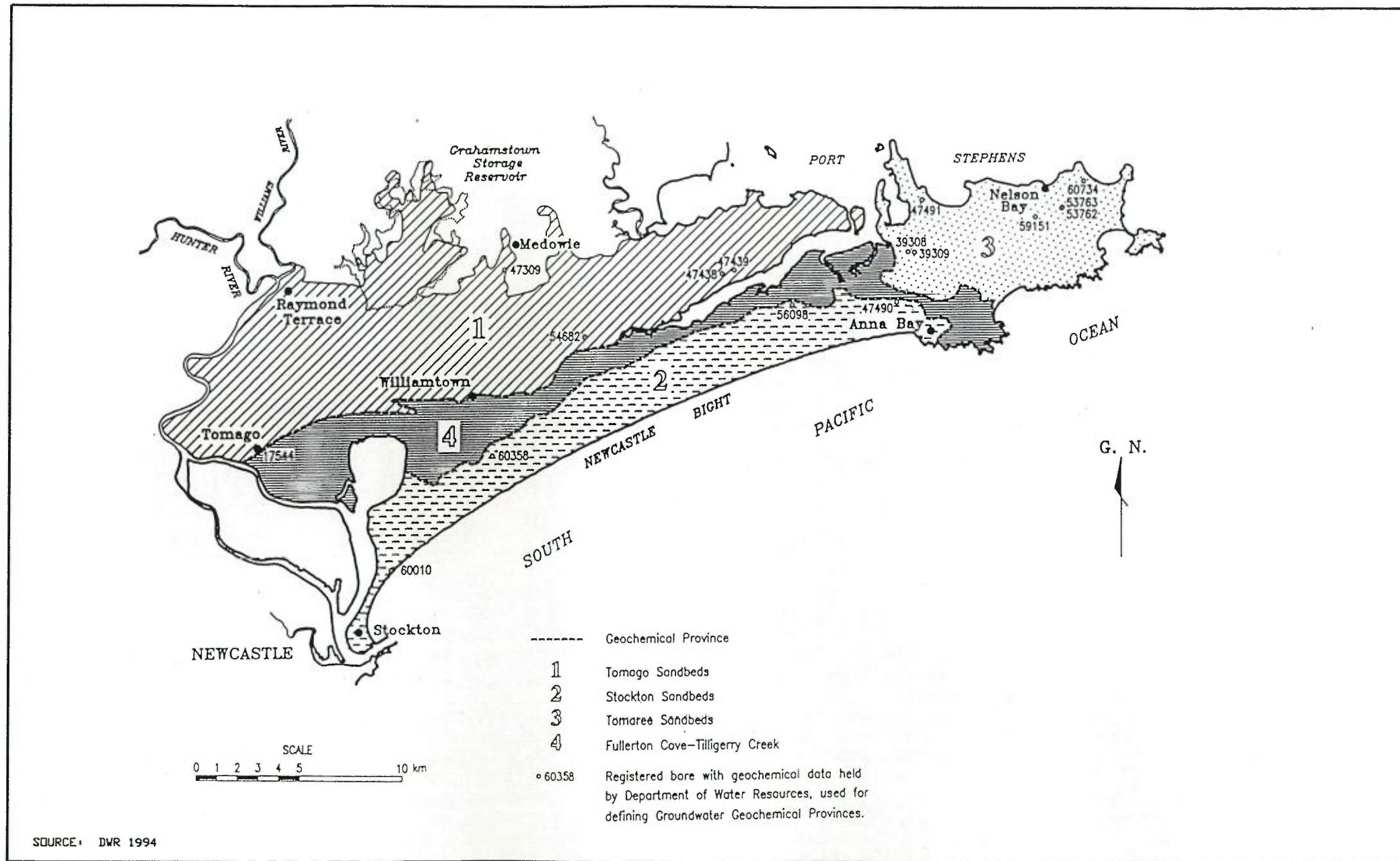


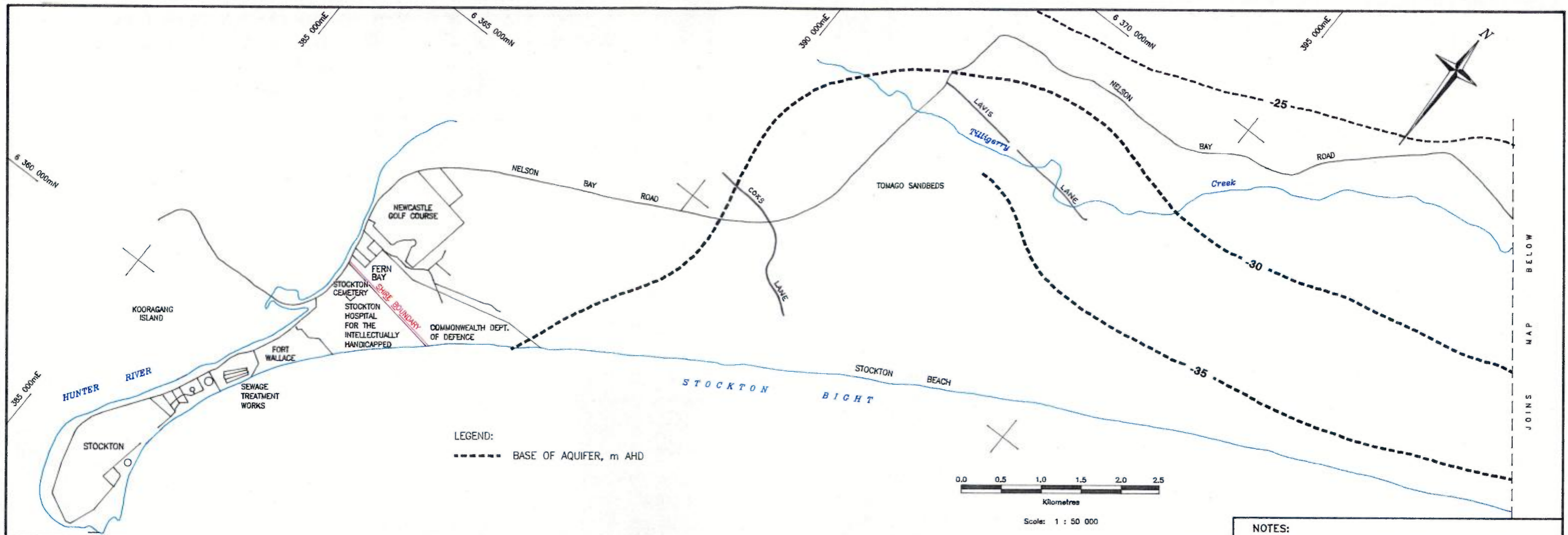



ENVIROSCIENCES PTY LIMITED
 PROJECT No. 1 US3

**TILLIGERRY CREEK - FULLERTON COVE
 DRAINAGE NETWORK**

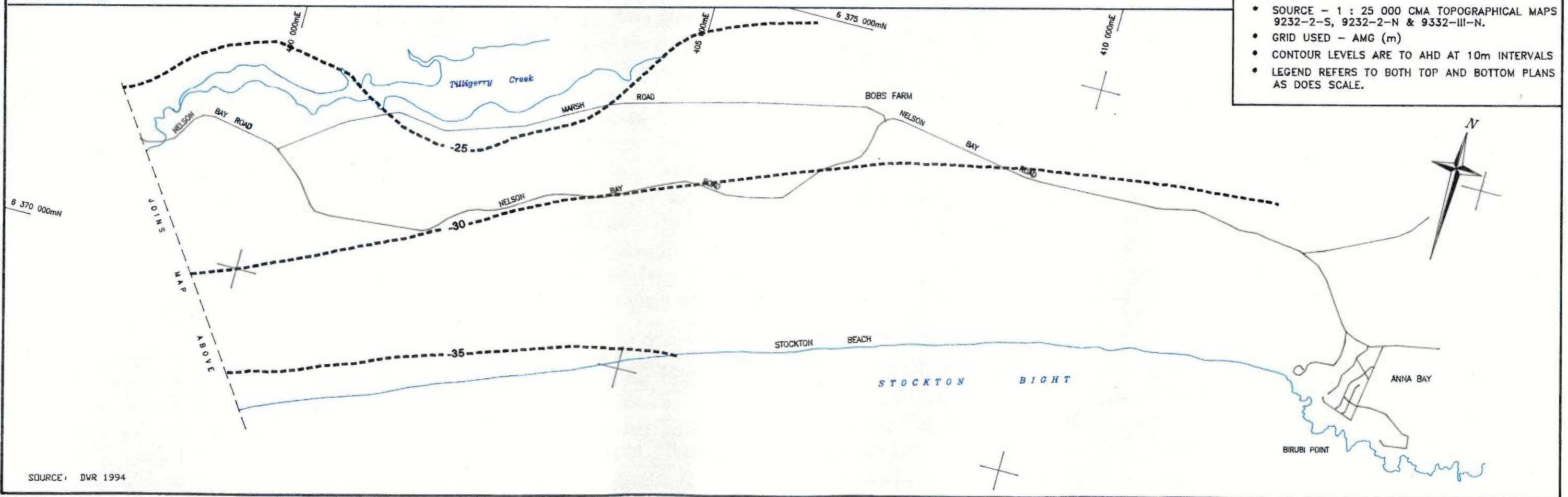
FIG. 8.2



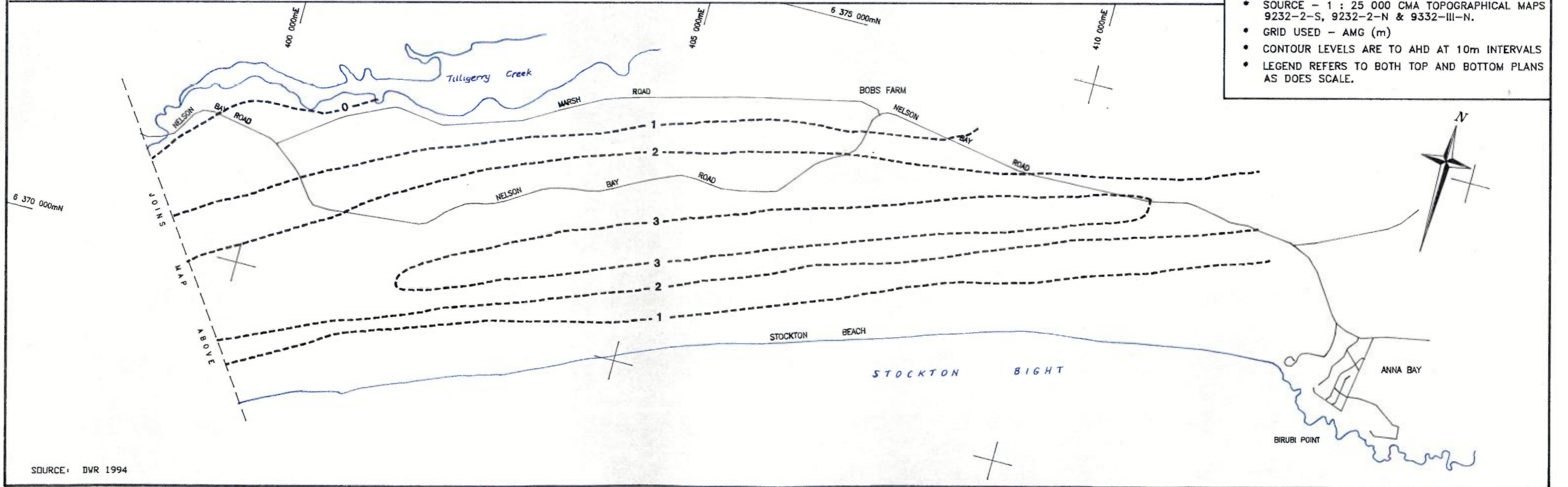
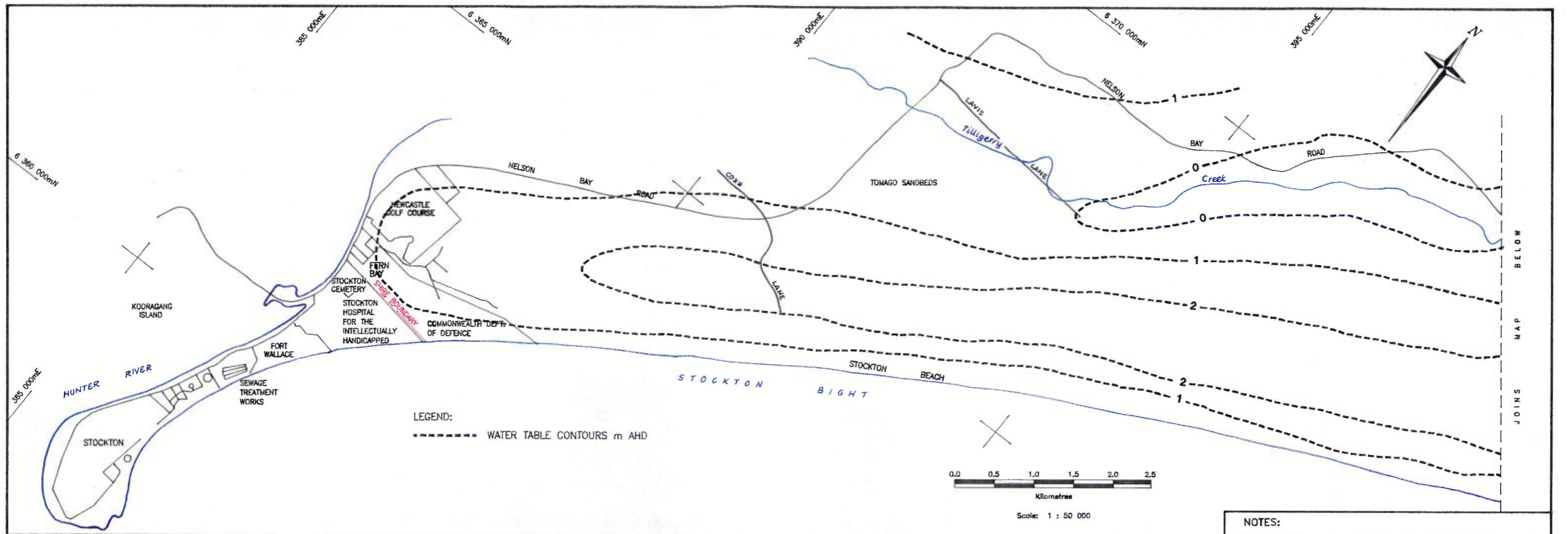


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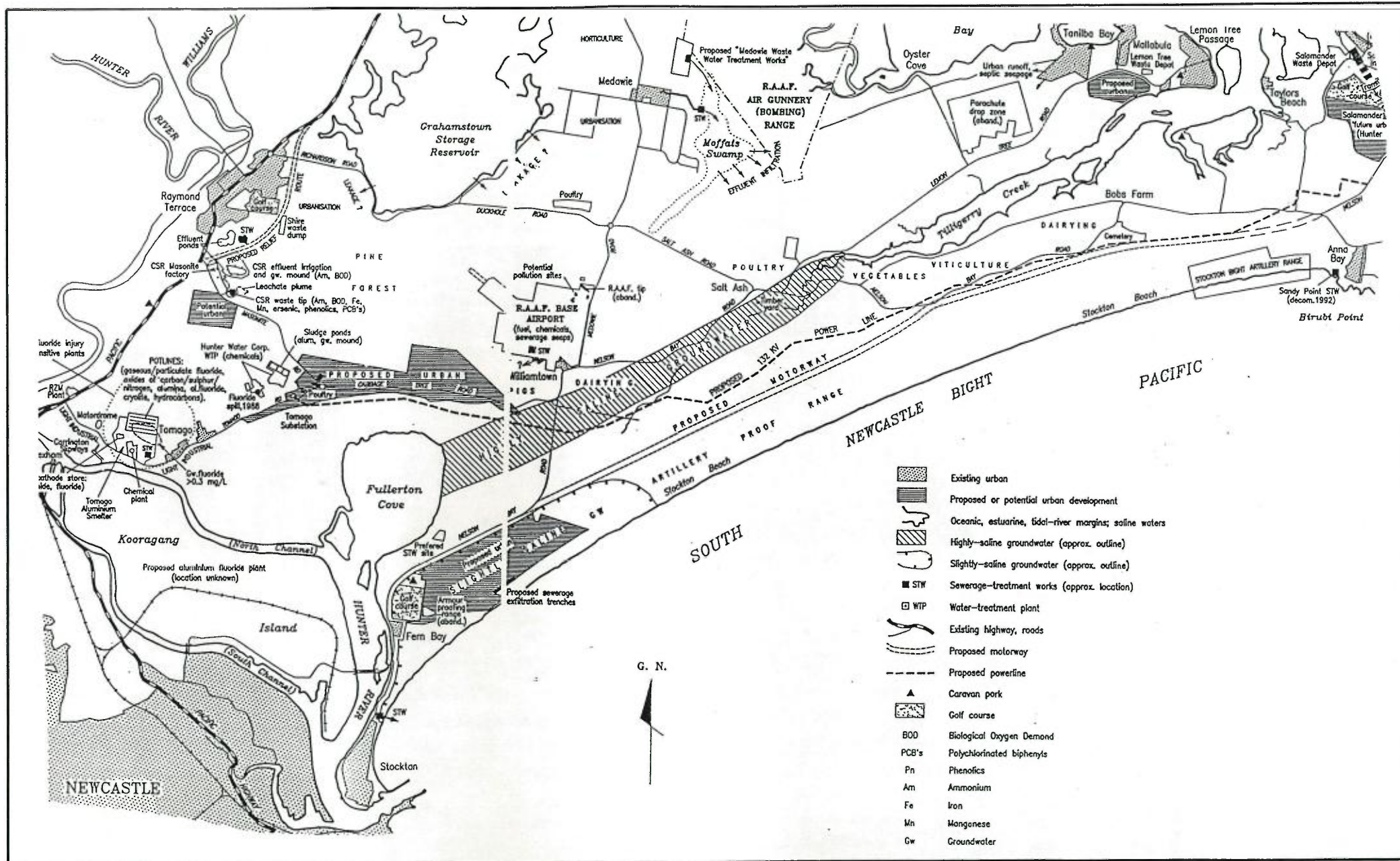
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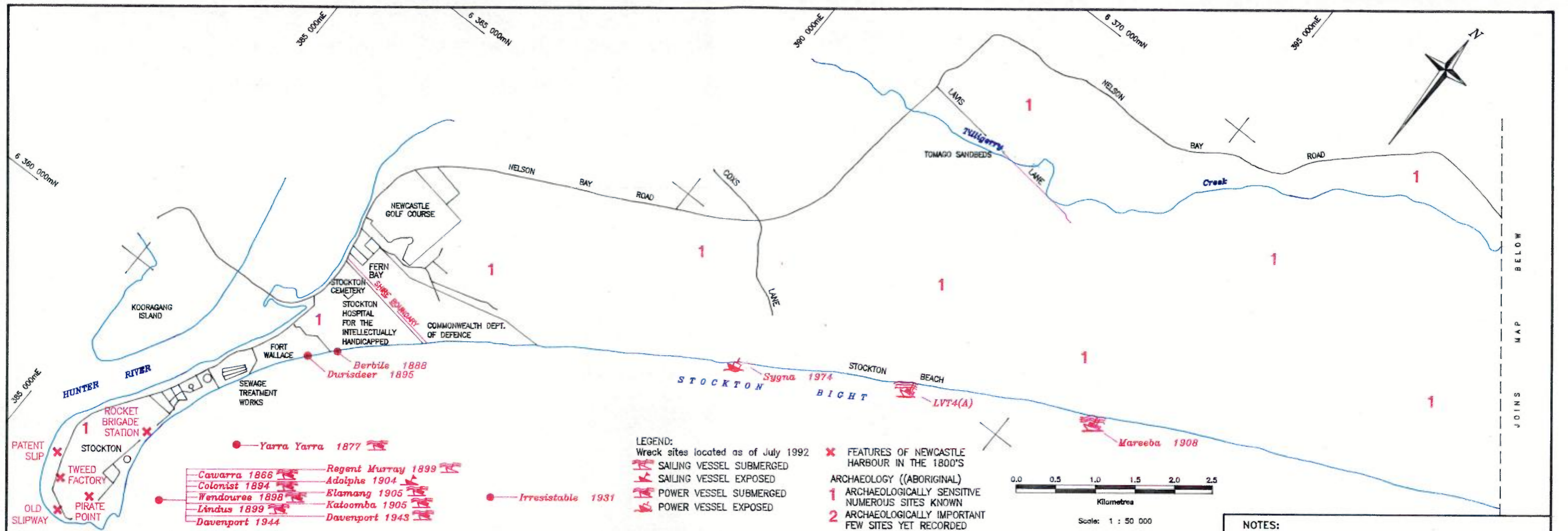


SOURCE: DWR 1994



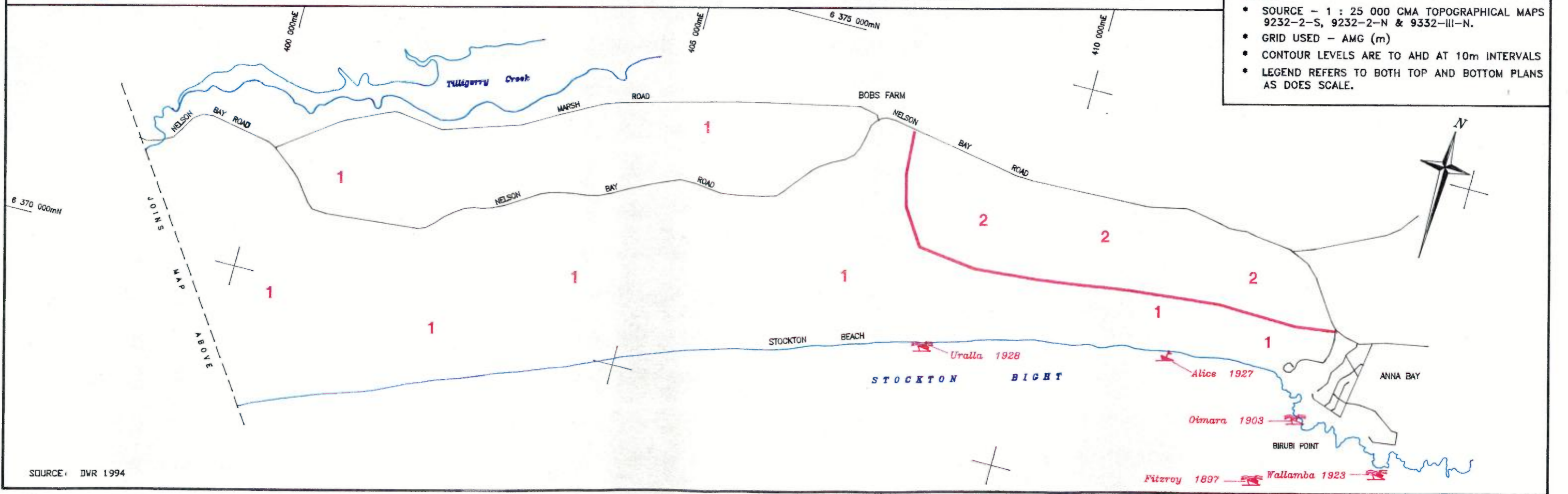
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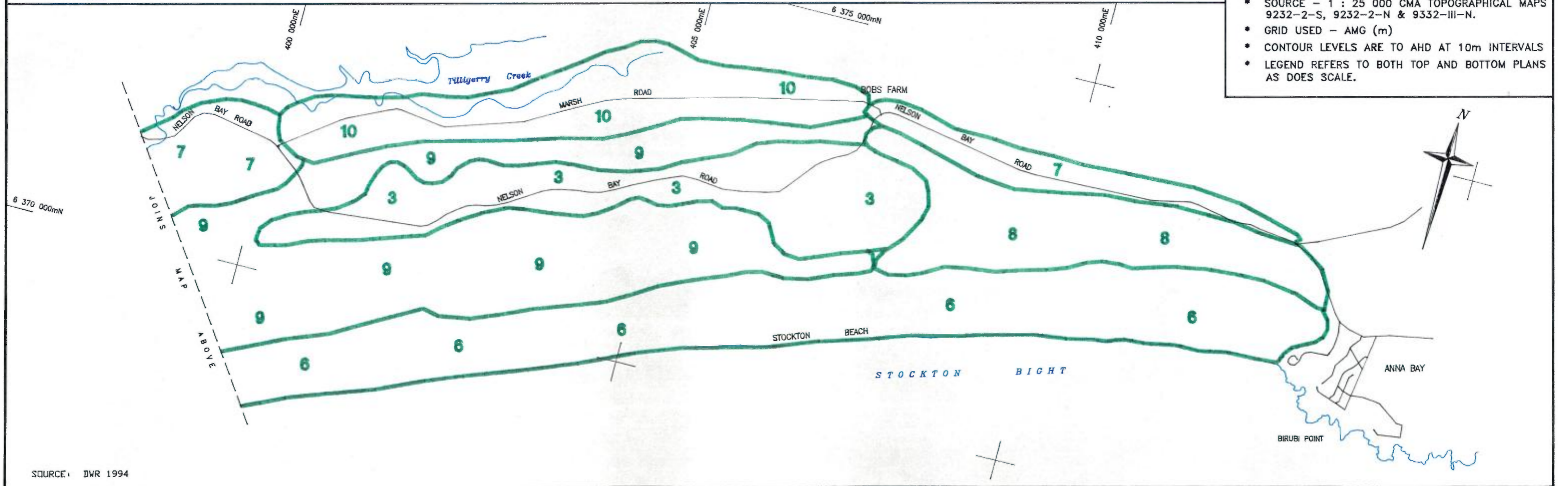
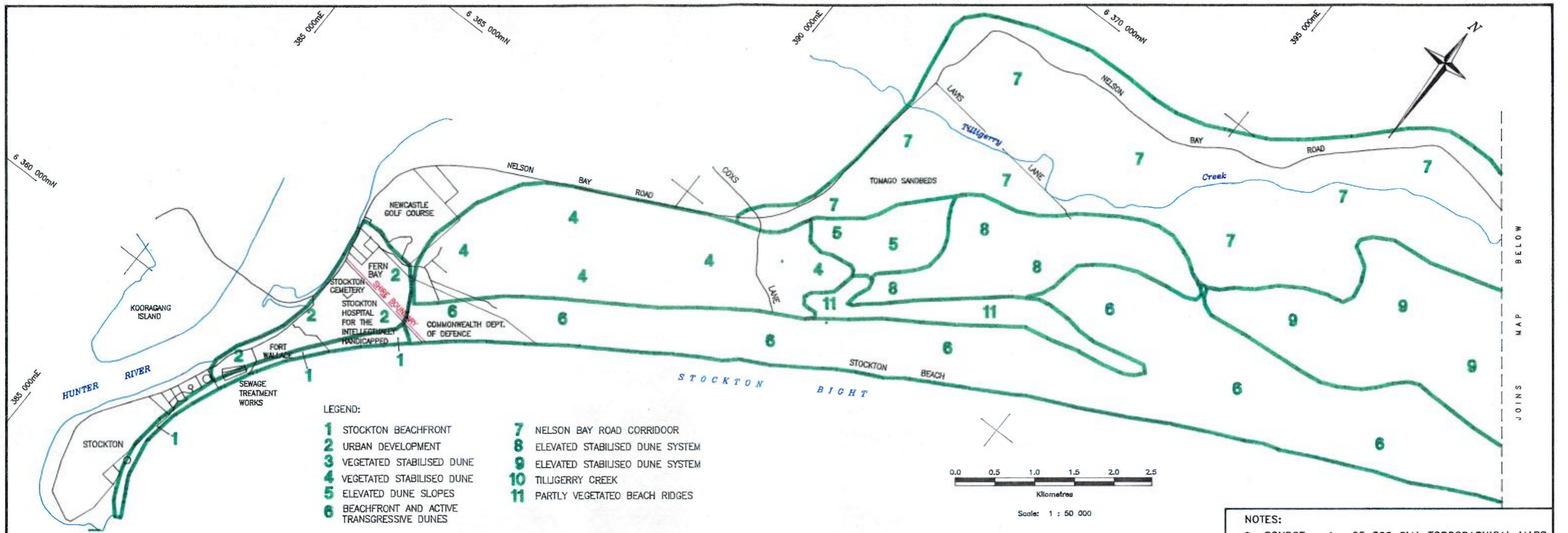


Yarra Yarra 1877	Regent Murray 1899
Cawarra 1866	Adolphe 1904
Colonist 1894	Elamang 1905
Wendouree 1898	Katoomba 1905
Lindus 1899	Davenport 1943
Davenport 1944	

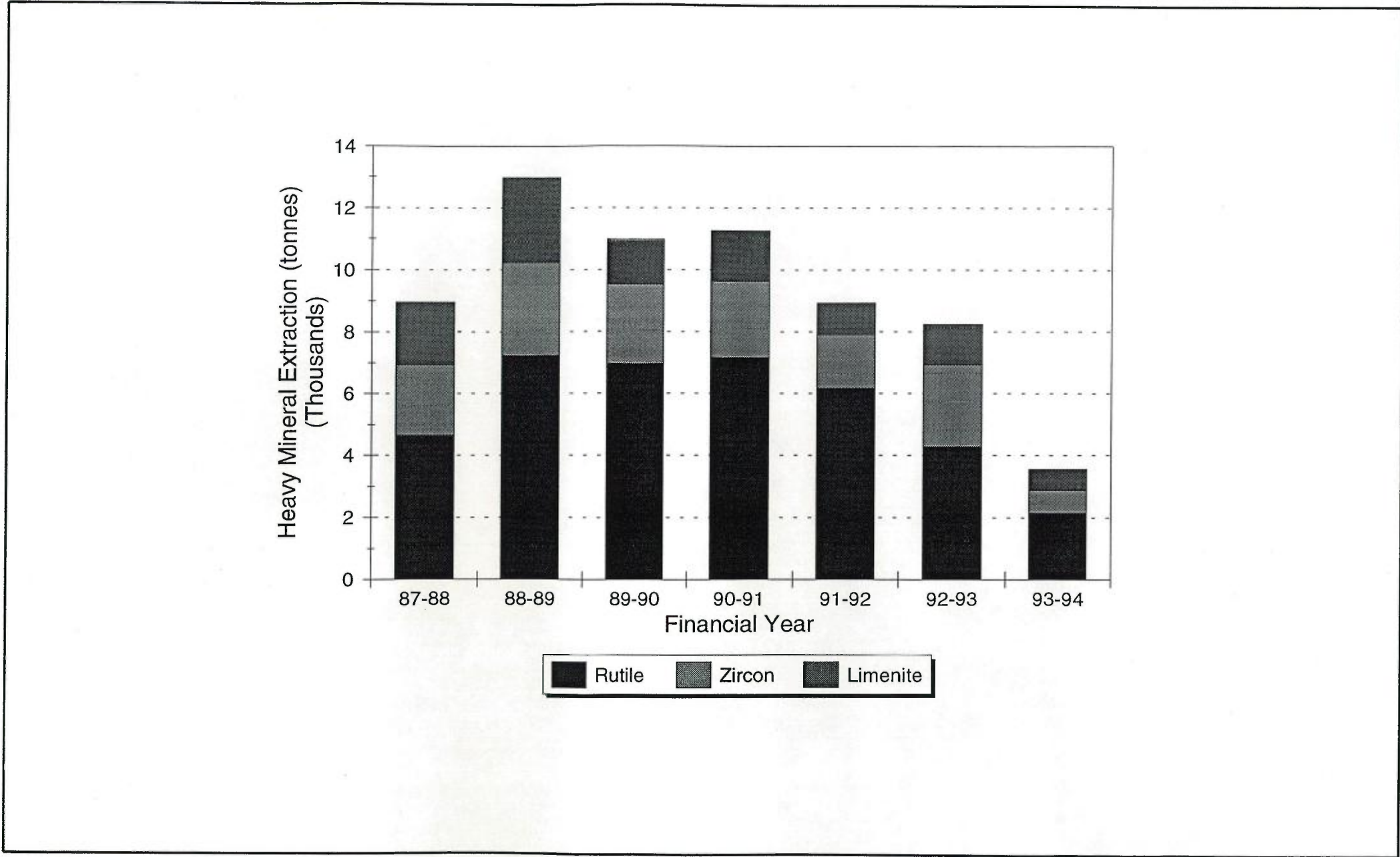
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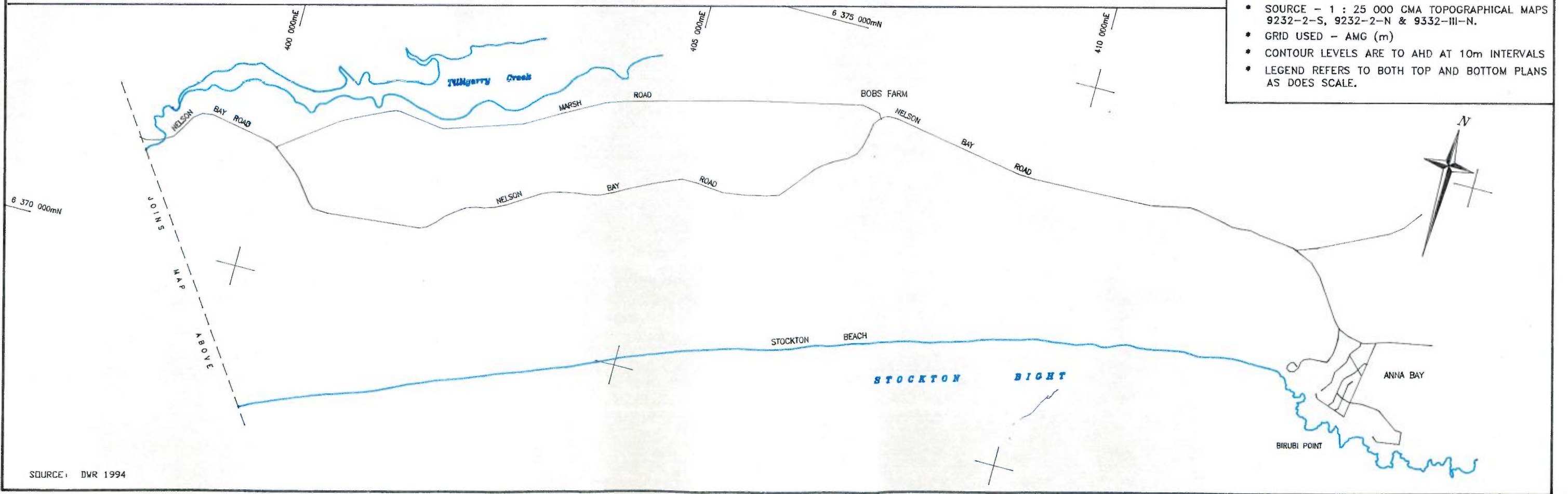
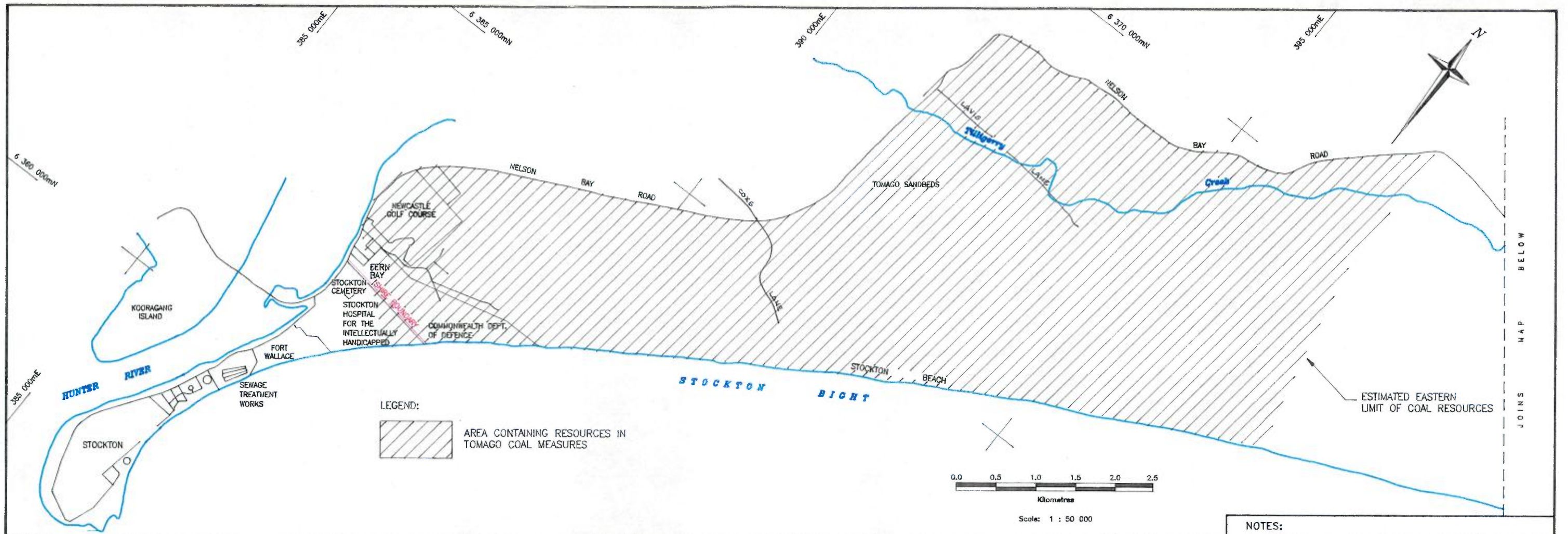


SOURCE: DWR 1994



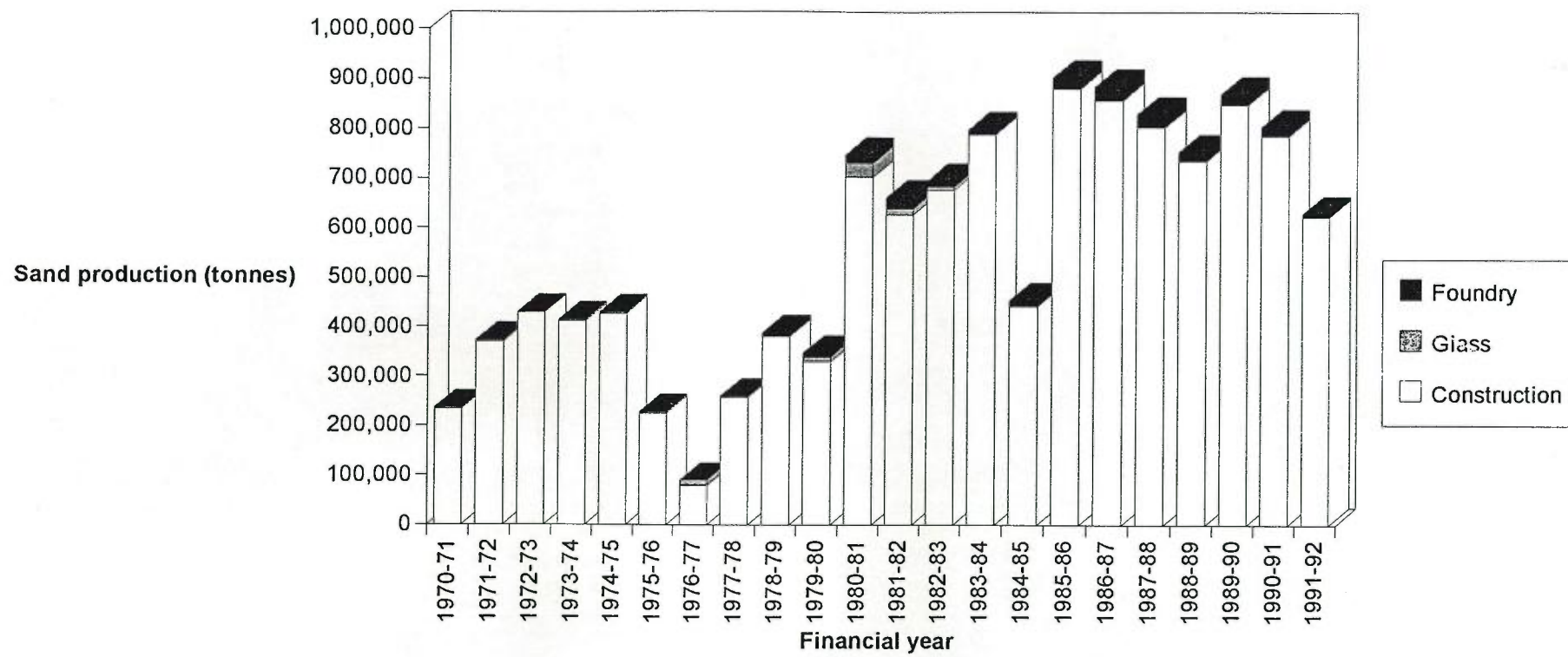
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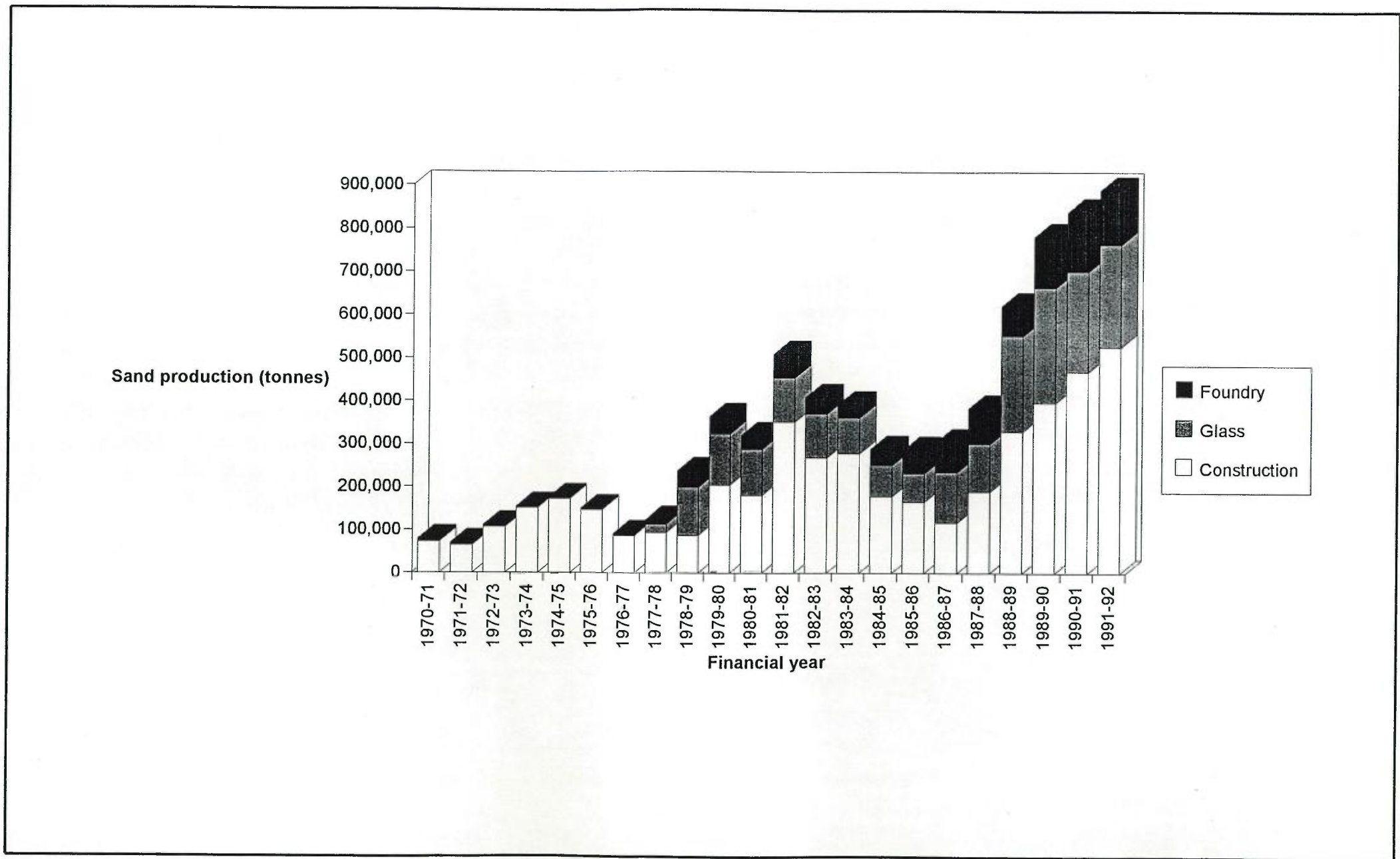


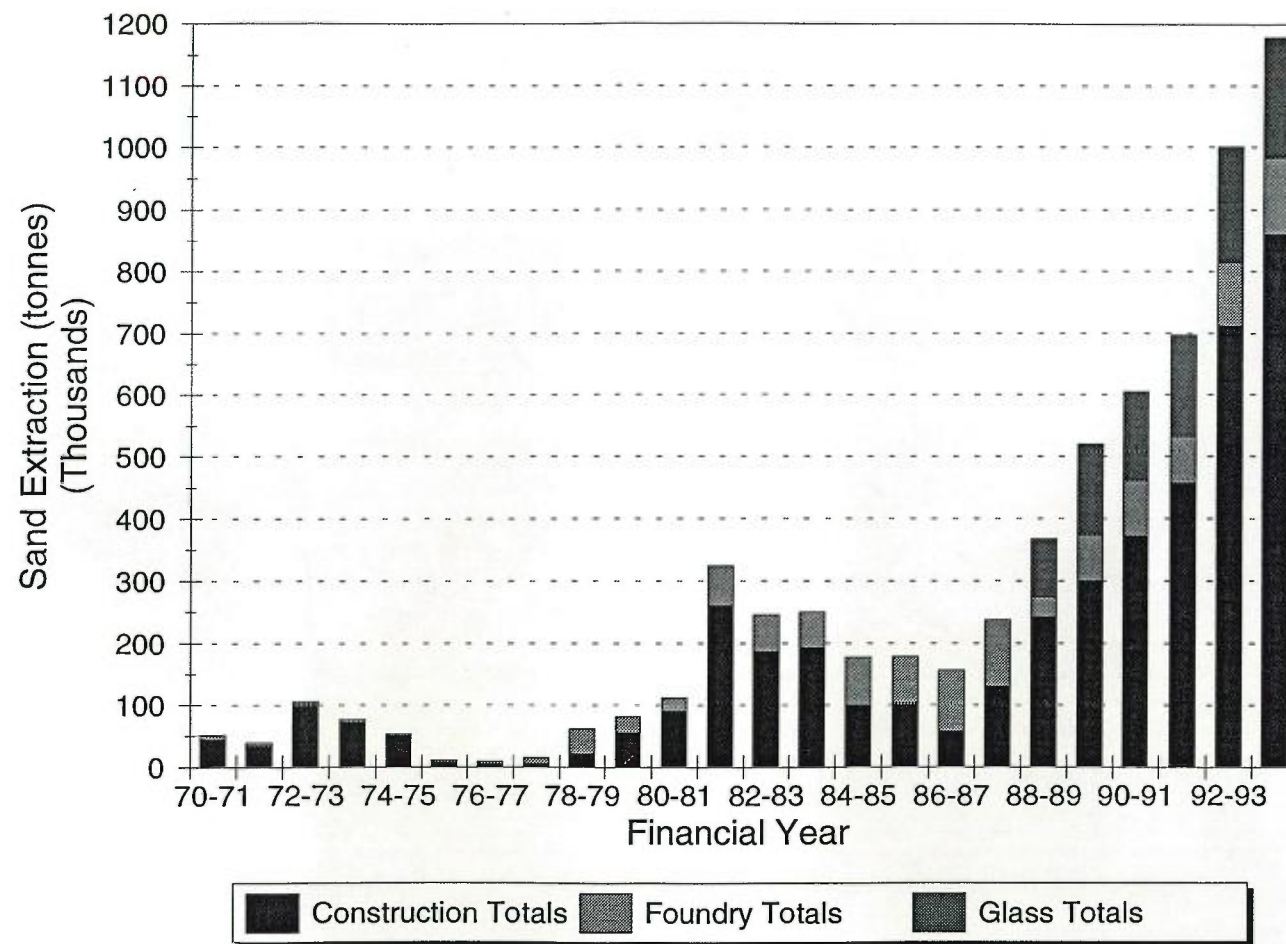


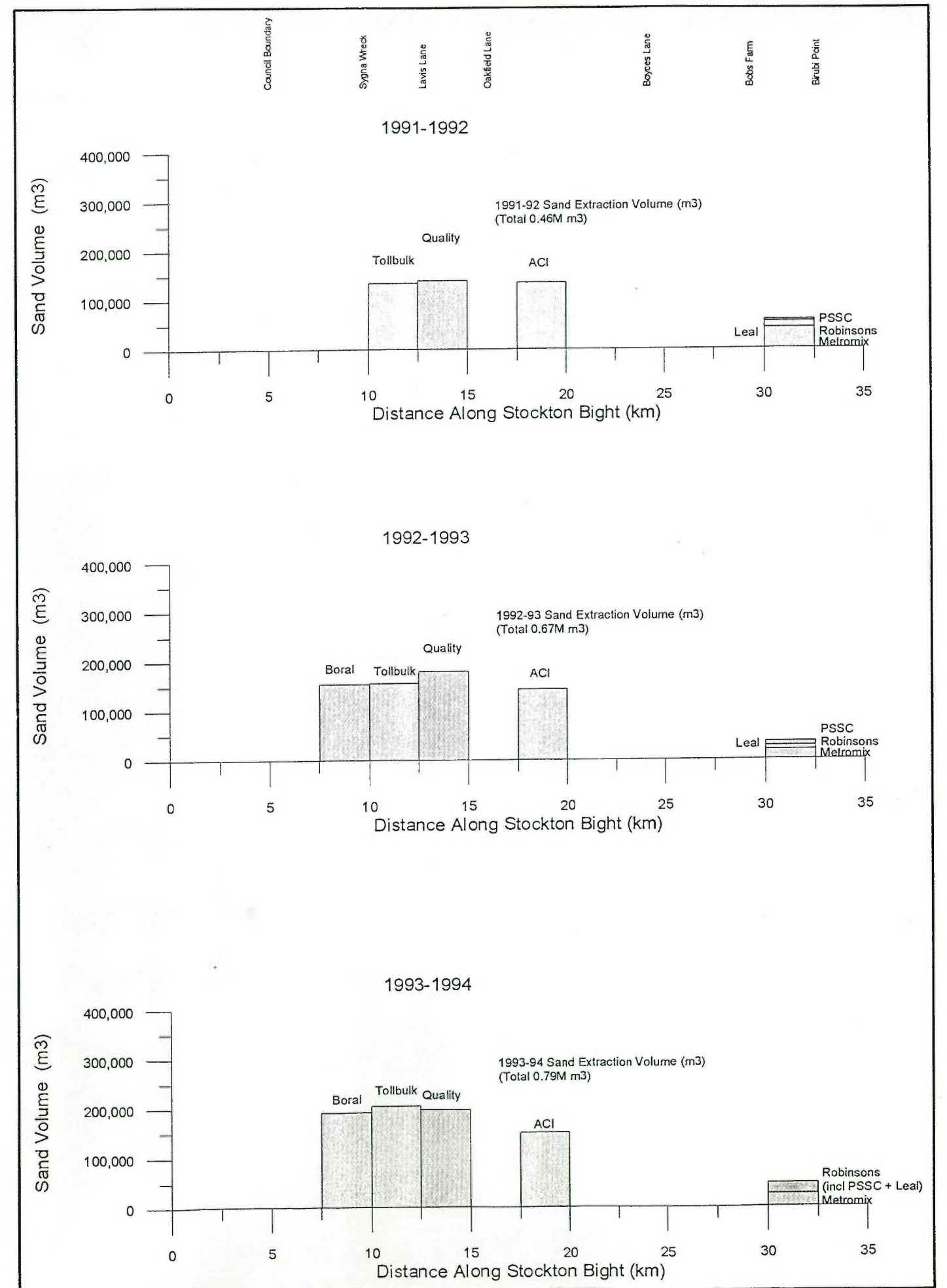
- NOTES:**
- SOURCE - 1 : 25 000 CMA TOPOGRAPHICAL MAPS 9232-2-S, 9232-2-N & 9332-III-N.
 - GRID USED - AMG (m)
 - CONTOUR LEVELS ARE TO AHD AT 10m INTERVALS
 - LEGEND REFERS TO BOTH TOP AND BOTTOM PLANS AS DOES SCALE.

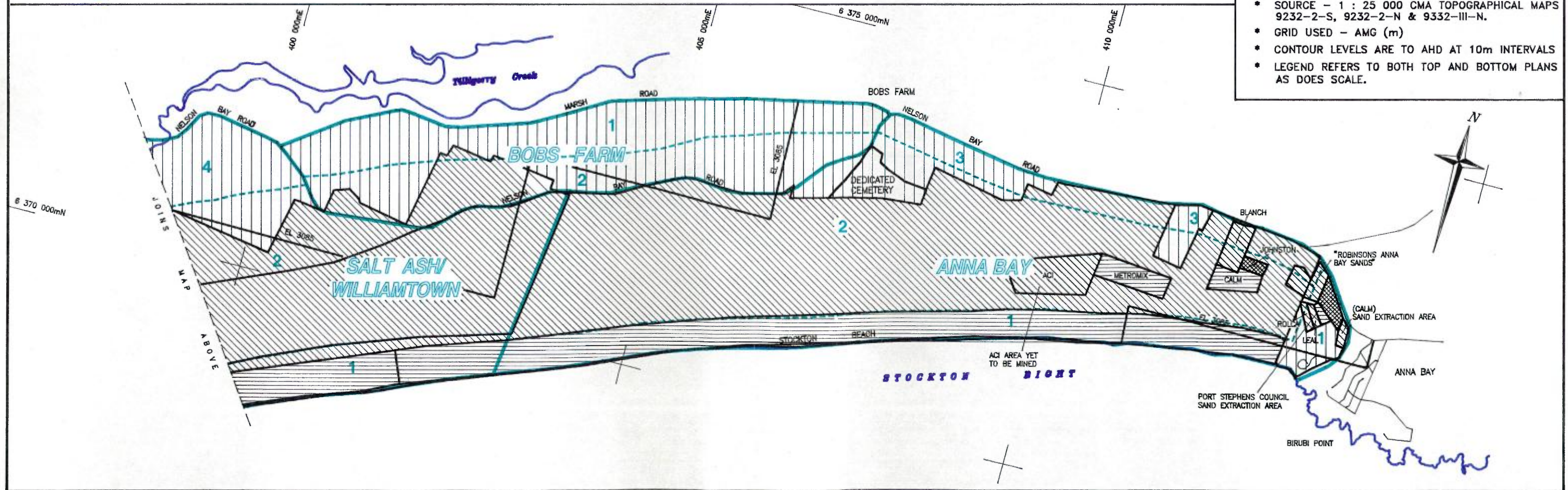
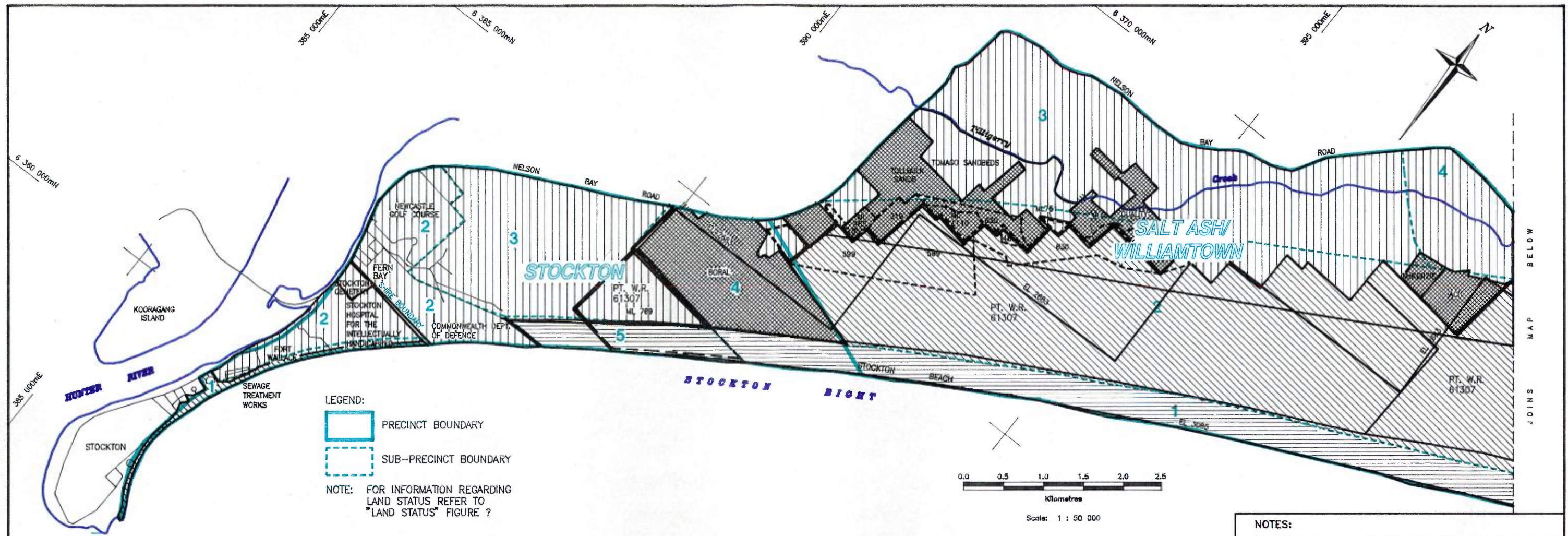
SOURCE: DWR 1994











NOTES:

- SOURCE - 1 : 25 000 CMA TOPOGRAPHICAL MAPS 9232-2-S, 9232-2-N & 9332-III-N.
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