COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT BUREAU OF MINERAL RESOURCES GEOLOGY AND GEOPHYSICS

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COMPILATION AND REVIEW OF THE GEOPHYSICS OF THE

BONAPARTE GULF BASIN

GRAVITY COMPILATION

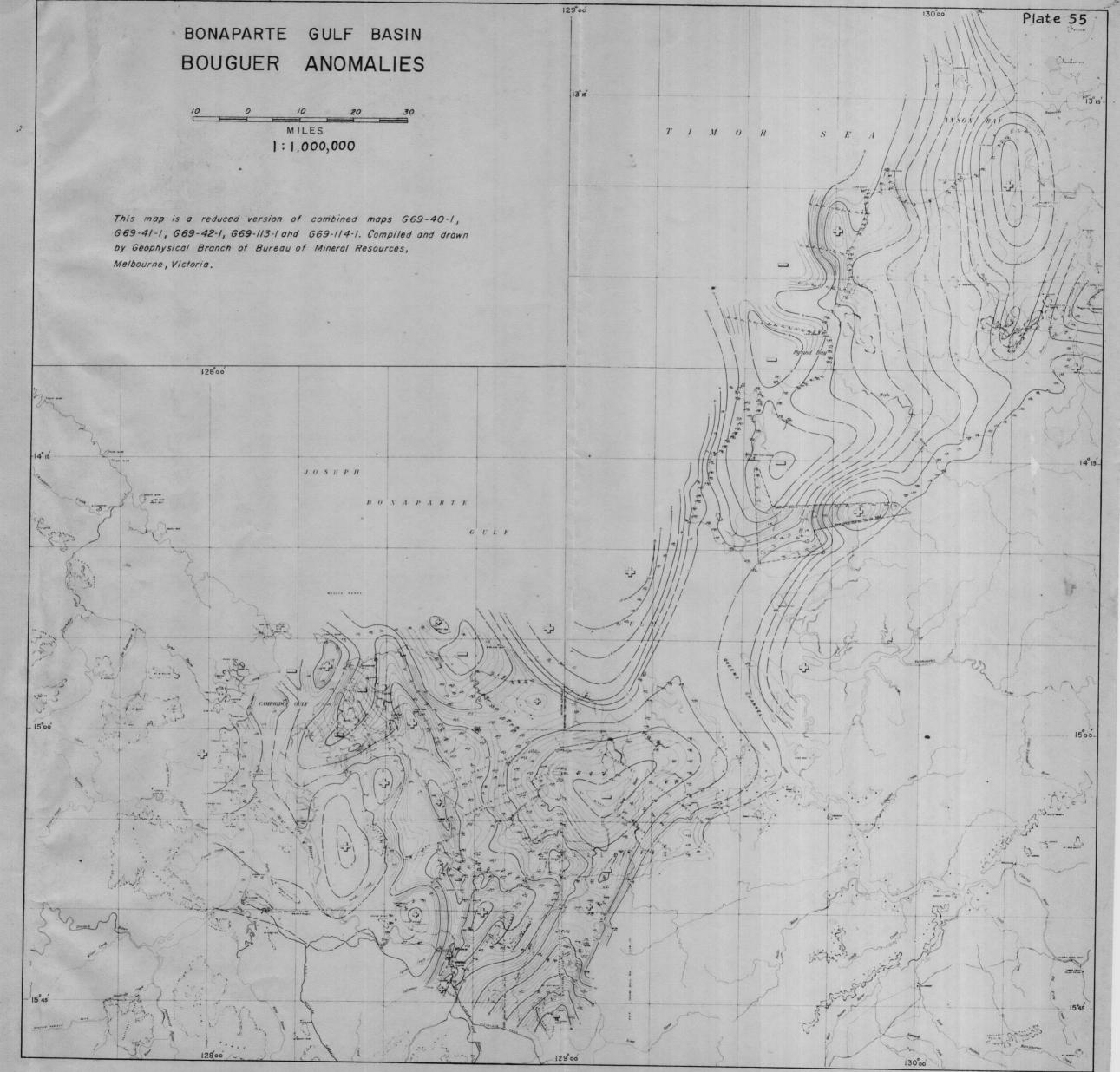
(Volume IV Part 3)

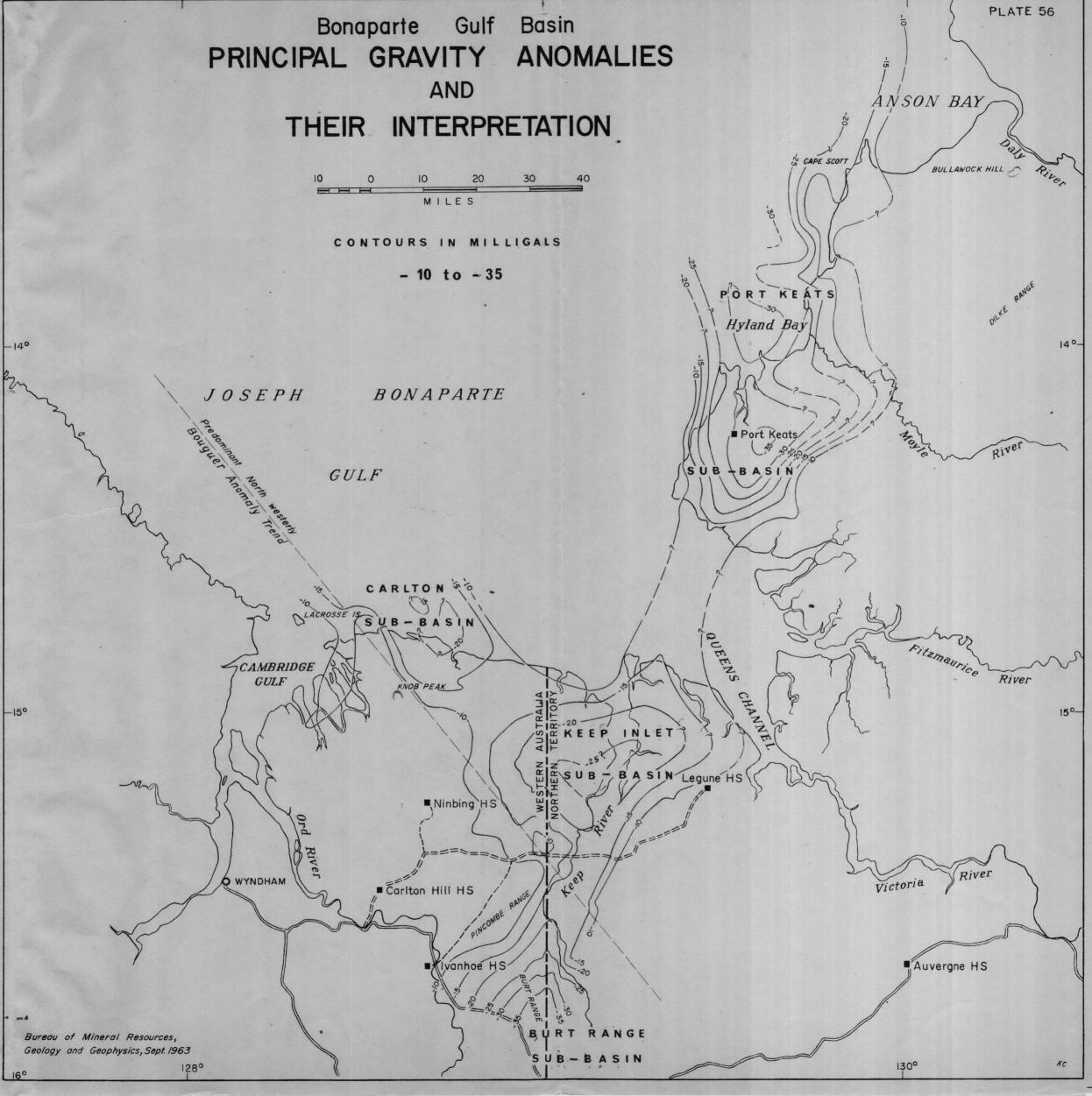
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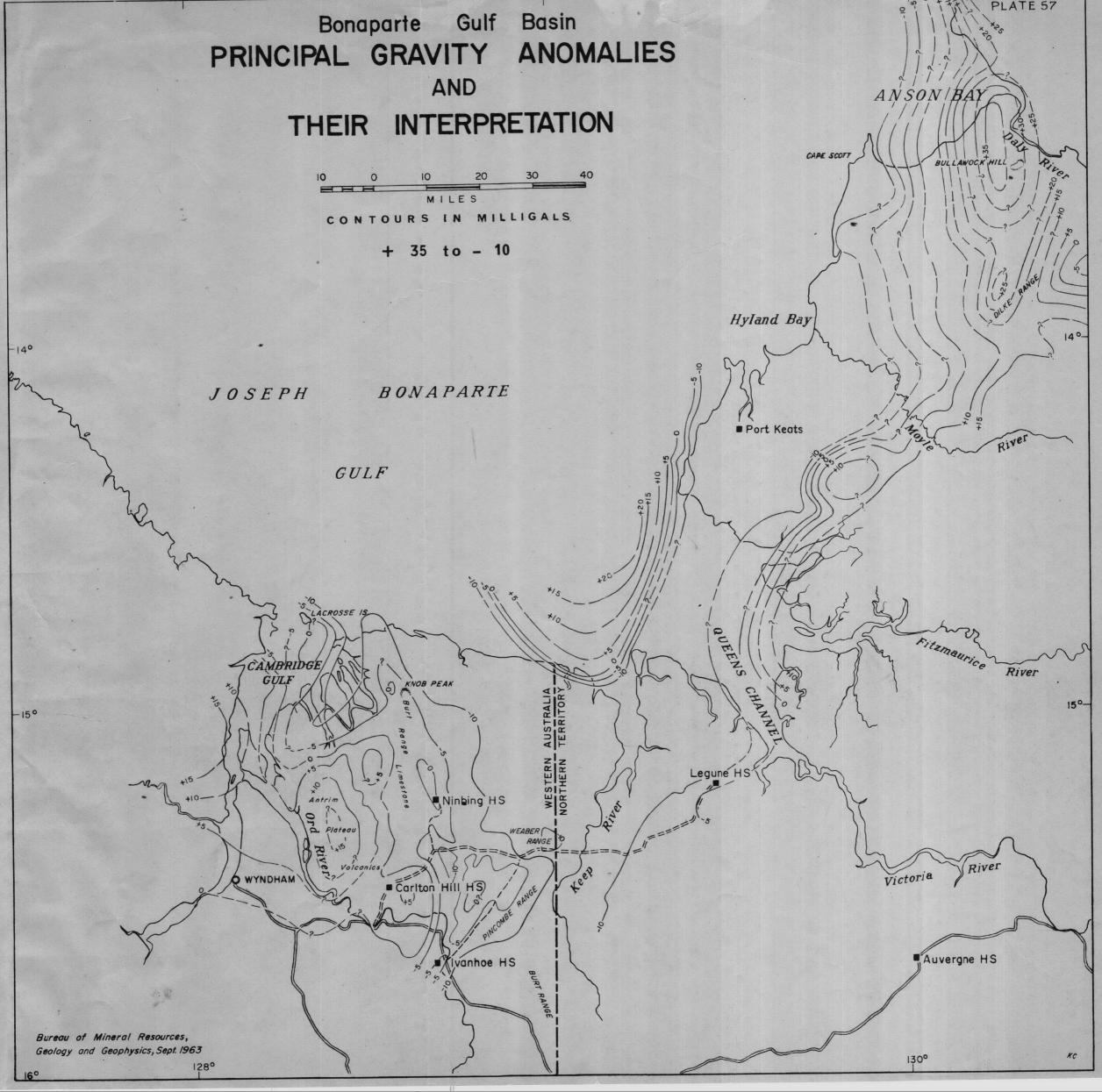
A. L. Bigg-Wither

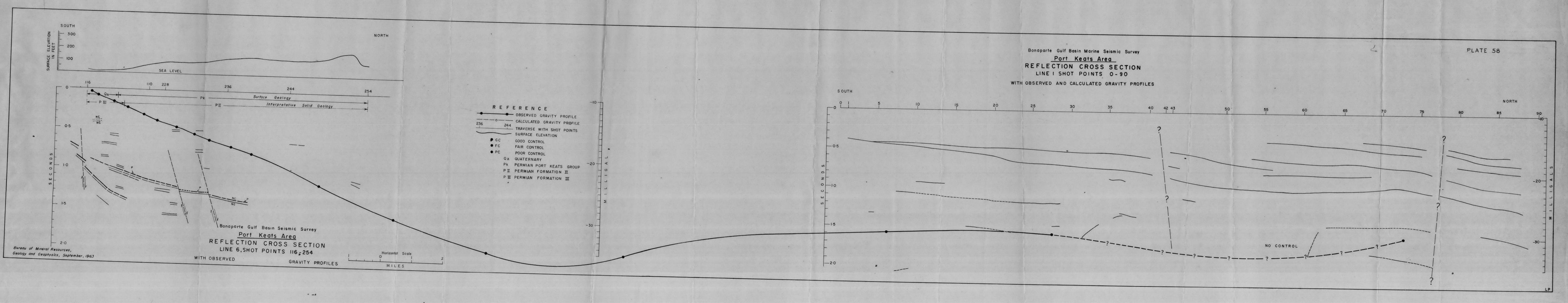
PART 10

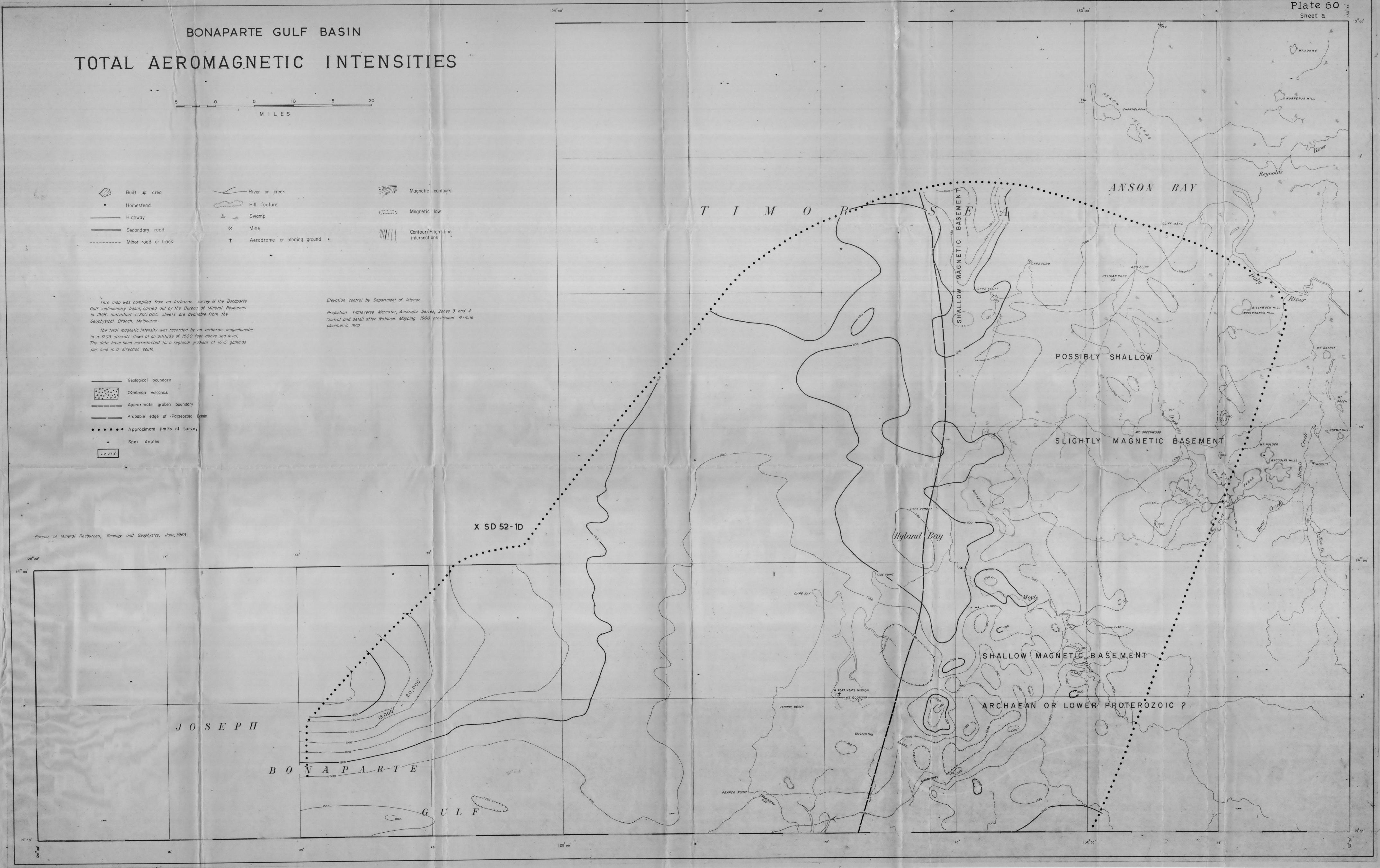
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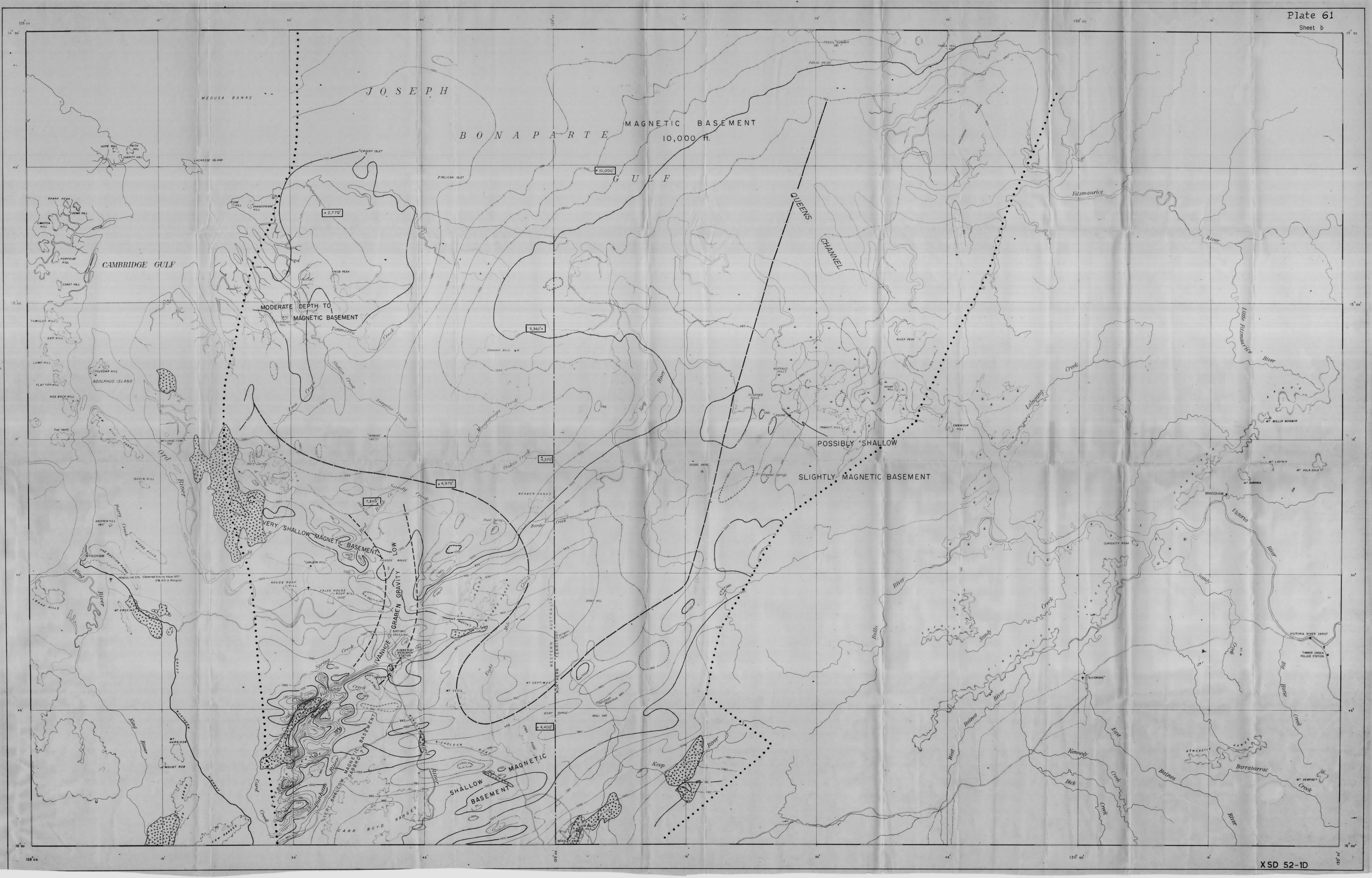


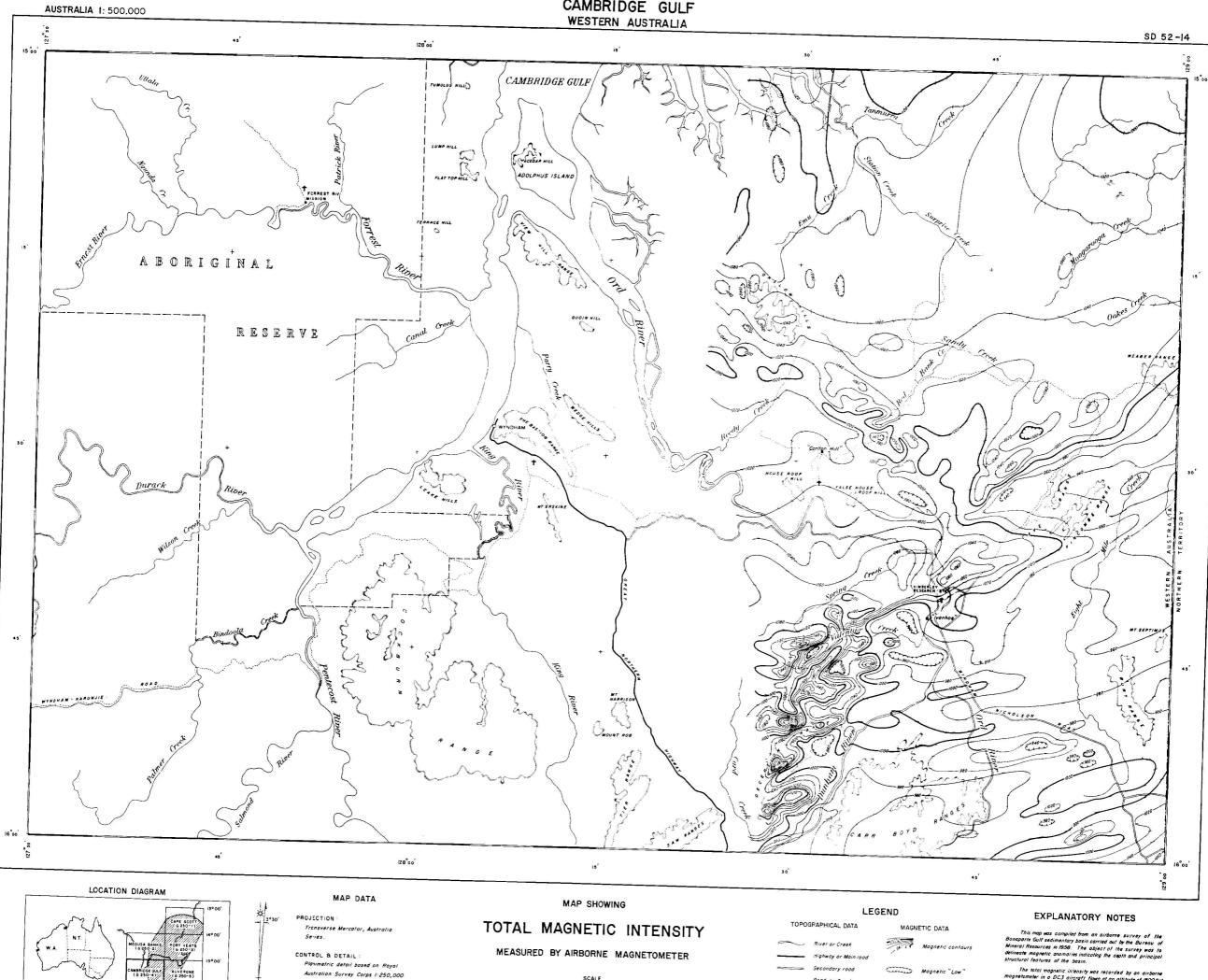












MAGNETIC CONTOUR INTERVAL 20 GAMMAS

RELIABILITY:

Planimetric detail: Accurate

Flight lines: Accuracy is generally within 100 yards.

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COMPILED AND DRAWN IN THE GEOPHYSICAL BRANCH, MELBOURNE

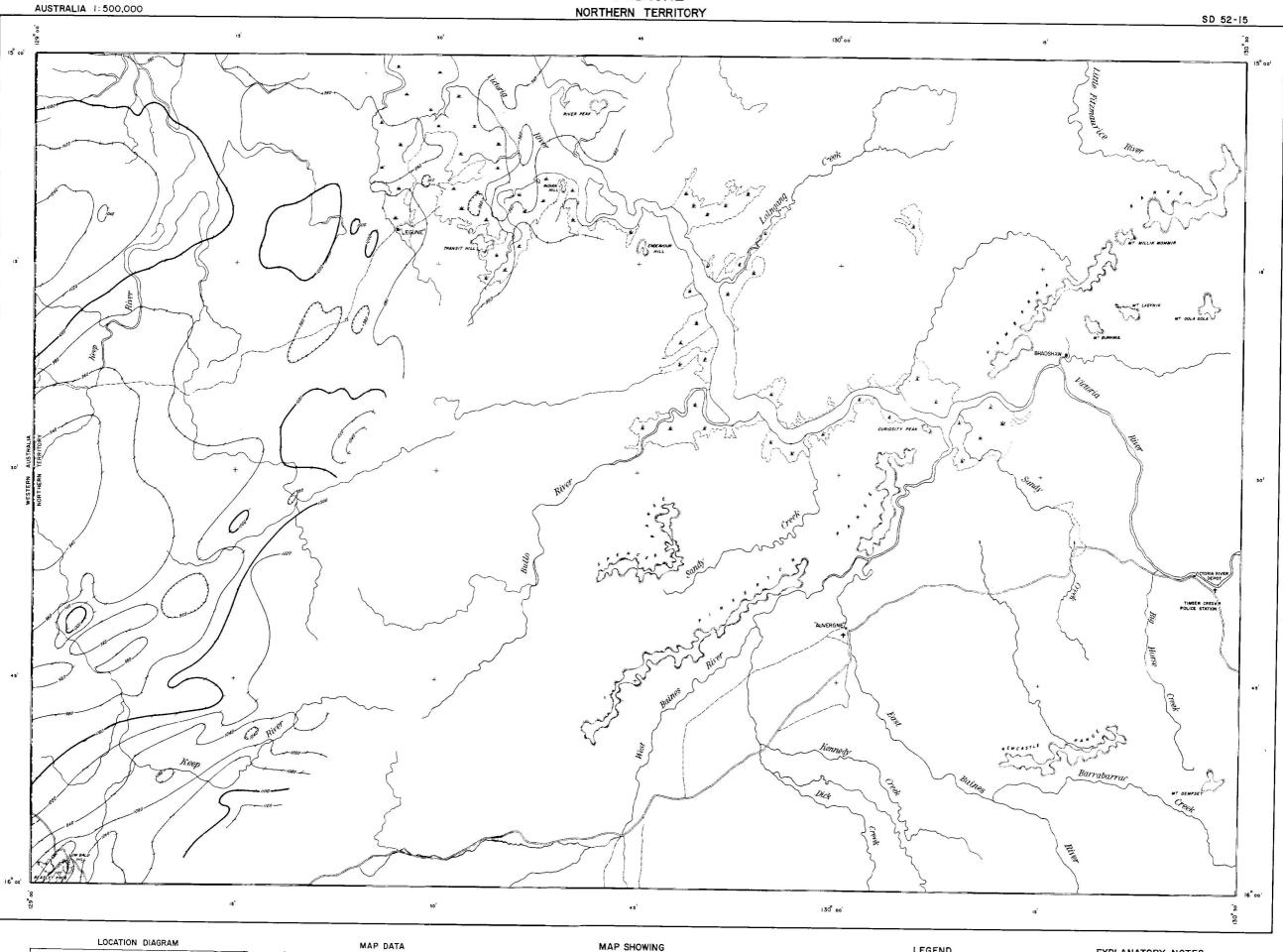
Named place Homestead

Hill feature

Swamp Mine

G 250-4

The data have been corrected for a regional gradient of 10-5 gammas per mile in a direction south.





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PROJECTION

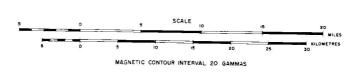
CONTROL & DETAIL

Planimetric detail based on Division of National Mapping's 4-mile Topc-graphic Series map of the same name.

Planimetric detail: Accurate.
Flight lines: Accuracy is generally within 100 yords.

TOTAL MAGNETIC INTENSITY

MEASURED BY AIRBORNE MAGNETOMETER



LEGEND

TOPOGRAPHICAL DATA MAGNETIC DATA Magnetic contour



(Hilli feature

Swamp

Mine

Contour / Flight-line

EXPLANATORY NOTES

This mcp was compiled from an airborne survey of the Bonaparke Gulf sedimentary basin carried out by the Bureau of Mineral Resources in 1958. The object of the survey was to delineate magnetic communities addicting the depth and principal structural fectures of the basin.

The data have been corrected for a regional gradient of 10.5 gammas per mile in a direction south.

LOCATION DIAGRAM

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MAP DATA

PROJECTION Tronsverse Mercotor, Australia Series.

CONTROL & DETAIL :

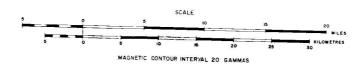
Planmetric detail based on Division of National Mapping's 4-mile Topographic Series map of the same name.

Planimetric detail : Accurate Flight lines : Accuracy is generally withir 100 yards

MAP SHOWING

TOTAL MAGNETIC INTENSITY

MEASURED BY AIRBORNE MAGNETOMETER



LEGEND

TOPOGRAPHICAL DATA Magnetic confours

Contour/ Flight-line intersections

Secondary road ---- Road or Track Named place

Hill feature \$ 15 Swamp Mine

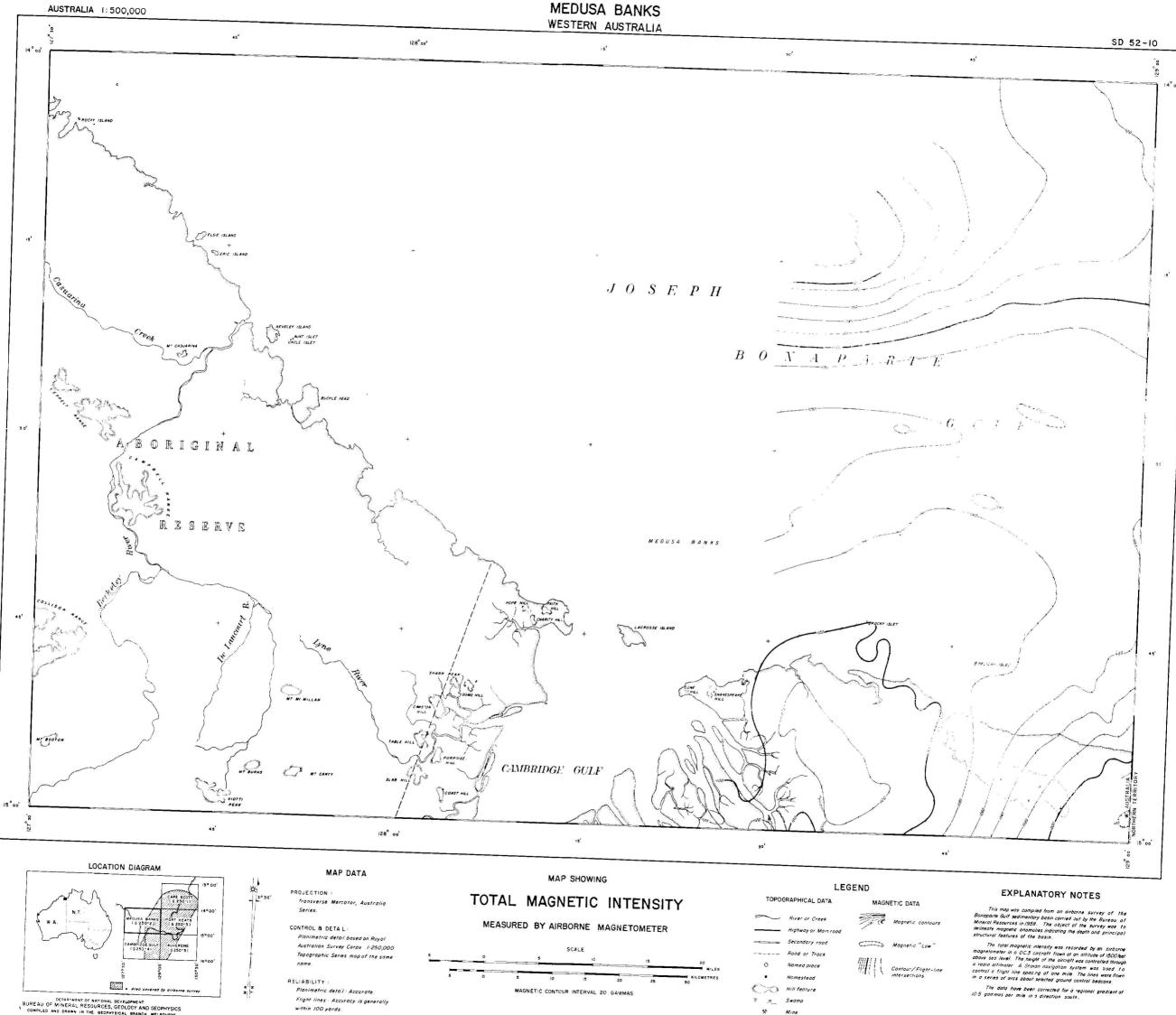
130° 00'

EXPLANATORY NOTES MAGNETIC DATA

This map was compiled from an airborne survey of the Bonaparte Gulf sedimentary basin carried out by the Bureau of Mineral Resources in 1958. The object of the survey was to delineate magnetic anomalies inducting the depth and principal structural features of the basin.

The food imagnetic linkessity was recorded by an airborne imagnetic inhessity was recorded by an airborne imagnetic meter in a DCS aircraft flown at an attitude of 8500 feet above see level. The helpht of the aircraft was controlled through a radio altimeter. A Sharan novigation system was used to control at light line spacing of one mile. The lines were flown in a series of arcs about selected ground control become

The data have been corrected for a regional gradient of 10:5 gammas per mile in a direction south.



MAGNETIC CONTOUR INTERVAL 20 GAMMAS

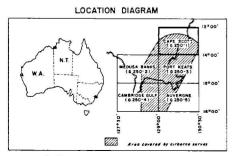
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Hill feature

Swamp Mine Aerodrome or

66

CAPE SCOTT NORTHERN TERRITORY AUSTRALIA 1:500,000 SD 52-7 . 30° 00° ANSON BAY TMRIVOE D A L Y ESERVE ABORIGINAL flyland Ray 130° 00' LOCATION DIAGRAM MAP SHOWING EXPLANATORY NOTES MAP DATA LEGEND TOPOGRAPHICAL DATA MAGNETIC DATA



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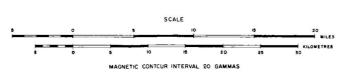
PROJECTION Series.

CONTROL & DETAIL : Planimetric detail based on Division of National Mapping's 4-mile Topographic Series map of the same name

RELIABILITY: Planimetric detail: Accurate,
Flight lines: Accuracy is generally
within 100 yards.

TOTAL MAGNETIC INTENSITY

MEASURED BY AIRBORNE MAGNETOMETER



Secondary road Road or Track Named place

=_ Swamp

Mine

Aerodrome or Londing ground

Contour/Flight-line

The data have been corrected for a regional gradient of 10.5 gammas per mile in a direction south.