

Gippsland Basin Top Latrobe Structure Map (1:1,000,000)

Vicmap Imagery and Elevation Metadata Report

Description

Title: Gippsland Basin Top Latrobe Structure Map (1:1,000,000)

Custodian:

Abstract:

Gippsland Basin Top Latrobe Structure Map using sun shading. Sun angle 80, azimuth 35 and vertical exaggeration 10. Pixel colours indicate white shallow (-450m) purple deep (3559m)

The top- Latrobe Group structure map has been compiled from numerous open file reports held by the Department of Primary Industries and from grid files generated by the Basin Studies Group for previous acreage release reports under the VIMP program.

At this stage, the map does not show the faulting at top-Latrobe level, however many of the fault trends are clearly evident in the offshore morphology.

The horizon is picked on a prominent unconformity surface marking the boundary between the marine and non-marine siliciclastics of the top- Latrobe Group and the calcareous sediments of the overlying Seaspray Group.

The largest gas fields are associated with significant NW-SE Miocene inversion anticlinal trends that dominate the northern and western margins of the basin. A regional NNE-SSW high trend across the Central Deep hosts the Kingfish and Halibut-Fortescue-Cobia oil fields. The influence of this older trend is most apparent in the Central Deep and parallels the Cape Everard Fault System defining the eastern margin of the Central Deep"

Geographic Extent: General - Victoria

Jurisdiction: Victoria

Processing Lineage:

Logical Consistency:

Not Specified

Completeness:

Good

Completeness Verification: Metadata Custodian Review Frequency: yearly

Metadata Last Reviewed by Custodian:

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