

Topographic map of the Baffin Bay area, showing contour lines and place names. The map includes a scale bar in Kilometres (0 to 10) and a north arrow. The map is labeled with various place names and features:

- Place Names:** UAHOD I, SUEEP I, LEATHERJACKET I, NORTH LIGHT I, LUNSFORD I, DUMY I, BASKER SOUTH I, BIGNOSE I, GREAT WHITE I.
- Geographic Features:** Contour lines indicating elevation, a red line representing a coastline or boundary, and a blue line representing a water body.
- Scale:** 0 to 10 Kilometres.
- Coordinates:** The map is bounded by latitude 72° 30' N and longitude 14° 30' W.

An areal and vertical closure of 45km² and 355m has been mapped in Vic/P41 and adjacent application area V02-3 (with 85% being in Vic/P41). The culmination is at about 1400m in Vic/P41. It is anticipated that 3D acquisition and further mapping will segment this lead into several smaller prospects.

The Benchley Lead is a downthrown fault closure along the Rosedale Fault mapped at Top Kate Shale level (other smaller closures are also identified along trend). Lateral fault seal and structural definition are significant risks. Benchley is distinct from the Kipling Lead in that closure at this shallower level is less extensive and more segmented than that mapped at Golden Beach level. The areal and vertical closure mapped is 8.4km² and 115m, with a culmination at 1300m.

The Cotton Lead is mapped at Top Kate Shale and Top Golden Beach levels and forms a downthrown fault closure along the Rosedale Fault. A significant Latrobe Group section is mapped within this closure of at least 360m vertically. Seismic facies suggests potential intraformational seals within this Latrobe section from marine shales, which could provide for stacked pay. Whilst closure is also identified at Top Golden Beach level, reservoir development is unknown, and intraformational sealing less likely. An areal and vertical closure of 9.6km² and 190m at Top Kate Shale and 7km² and 265m at Top Golden Beach have been mapped. Culminations for these two events are at 1460m and 1820m, respectively.

The Junger Lead is a downthrown fault closure at Top Latrobe and Top Kate Shale levels, east of the Sole Gas Field. Lateral fault seal is a significant risk, although the same fault is interpreted to seal in Sole. At Top Latrobe level the structural closures are relatively small. At Top Kate Shale level, vertical and areal closures of 215m and 24km² have been mapped, with a culmination at 880m. Seismic coverage on this lead is currently very poor.

The Wilde Lead is a Top Latrobe truncation and fault trap, partly analogous to the Fortescue Field. Seismic coverage is currently very poor, although areal closure could potentially be over 100km². Significant lateral seal risks exist over this lead.

Scorpion is a faulted anticline/upthrown fault block closure, originally mapped by Eagle Bay Resources, and confirmed by BSOC's own mapping. It has a significant depth conversion risk and is in a water depth of about 530m. BSOC identify the existence of a significant areal closure of 7.6km² at Top Kate Shale level and 5.3km² at Top Golden Beach level, although a significant part of the closure extends into Vic/P49 towards the south. The culmination at Top Kate Shale level is at 2210m and 2650m at Top Golden Beach level.

The Oscar Leads are a number of tilted fault closures at Top Golden Beach level, which require further seismic definition to mature.

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