

HYDROCARBON SOURCE ROCKEVALUATION STUDYSEAL 1SUMMARY

Organic geochemical analyses performed on cuttings and sidewall cores between 1206.5m and 1630m in the Bridge Oil Ltd., Seal 1 well drilled in T-19-P of the Bass Basin have indicated the following:

- sediments analysed are thermally mature and oil generative. However, greater thermal maturity may have been attained in sediments adjacent to igneous intrusives while lower maturities may occur in intervals removed from the influence of these igneous bodies.
- the shaley intervals analysed are organic rich, contain mixed organic matter and may have generated quantities of hydrocarbon.
- if any reservoir hydrocarbon is present in the sandstone sidewall cores at 1353.8m and 1358m it is in very small quantities and its character is largely masked by indigenous organic matter and contaminants.
- no relationship can be established between hydrocarbons thought to be present in these sandstones and the shaley source rocks at 1325m and 1340m.



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