
Dolerite and rhyolite in the basement of the Tenggol Arch, offshore Terengganu

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This paper describes basement rocks of the Tenggol Arch penetrated at Malong 5G-17.2 well, 150 km off the east coast of Terengganu.

The rocks consist of highly fractured porphyritic rhyolite in sharp vertical contact with dolerite, suggesting that the dolerite is a dyke that has intruded into the rhyolite. The dolerite intrusion is possibly related to the late Cretaceous or Cenozoic basic igneous rocks that occur on land in Peninsular Malaysia.