On the New Permian Bera Formation from the Bera District, Pahang, Malaysia

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A new rock unit, the Bera Formation, is introduced for the newly found Permian strata exposed in the Bera District, Pahang. The lithology of the strata consists predominantly of mudstone/shale, siltstone and sandstone, with subordinate conglomerate. The lower part of the formation is made up of massive mudstone, thick to massive tuffaceous sandstone, siltstone and mudstone, and thinly bedded siliceous mudstone. The upper part of the formation consists of thinly to thickly bedded shale, siltstone, sandstone and conglomerate. Several fossiliferous horizons were discovered within the formation; they yield brachiopods, cephalopods, trilobites, bivalves, gastropods, fusulinids, plants and trace fossils. The faunal assemblages indicate a general Middle Permian age. The sedimentological and palaeontological aspects of the Bera Formation suggest a shallow marine depositional environment.

Warta Geologi (Newsletter of the Geological Society of Malaysia), Vol. 26, No. 5, September-October 2000