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NEW DISCOVERY OF VOLCANIC ROCKS IN ONE-BEANG
ROCK SERIES IN THE SHUI BOW DEPOSIT
ON HAINAN ISLAND

Lu Guolin

Abstract

Since the 1970's, there have been reported a lot of volcanics about the nature of one-beang in the Shui Bows on Hainan Island. Since 1977, the author and his colleagues have found two kinds of volcanic rocks in Bed No. 2 and in the one-beang bed in the Shui Bows, and found volcanic ash layers in a few locations in the upper part of the section of Bed No. 2 in the base of the principal one bed. A kind of low-grade volcanic-sedimentary chaotic sands with lamellar volcanic flows and volcanic ash has been discovered. Defined in the middle-upper parts of Bed No. 2. They formed diagenetic beds in the cross section of volcanic rocks and are identified volcanic glass in altered diagenetic dolomite. Therefore it is proposed that the one-beang of the Shui Bows deposit might originate mainly from volcanic pyroclastic volcanic eruption.