

**Origin of some granitoids and their possible implications in the exploration for Sn, W, U and base metal deposits in Malaysia:
Cheang Kok Keong, School of Applied Sciences, Universiti Sains
Malaysia, Penang**

The origin of granites is discussed in terms of their mineralogy, geochemistry, initial strontium and oxygen isotopic compositions, field relations and types of ore mineralization. A specific example from Wyoming (Cheang, 1982, U.S.G.S. Professional Paper, in press), is presented. Discrimination between the various granite types in Malaysia may allow identification of suitable source rocks in the exploration for Sn, W, U and base metal deposits. Post granite emplacement processes (hydrothermal alteration, weathering) may modify the actual location of ore deposits.
