

Geology of Uranium Occurrences in Pakistan

BUTT, K.A. Atomic Energy Minerals Centre, P.O.Box 658, Ferozepure Road, Lahore, PAKISTAN

A number of geological environments favorable for Uranium deposits have been identified in Pakistan. Brief geology of all such occurrences and deposits in Pakistan is described and an assessment is presented regarding potential of these areas for hosting economic Uranium deposits in various geological environments. This paper describes Uranium prospects in the following geological environments.

- a) Siwalik Group, a mollase sequence of Miocene to Pliocene age
- b) Calcrete type occurrences in deserts of Pakistan
- c) Warcha sandstone in Salt Range, a Permian mollasse deposits.
- d) Carbonatites and associated rocks with Uranium occurrences.
- e) Granite associated occurrences.
- f) Black shale associated occurrences.