

Relationship between the formation of mercury deposits and the occurrences of organic minerals in subduction zones

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Karpatite and idrialite occur in mercury deposits in the West Coast in the USA. In addition, organic matter was also found in mercury deposit in Hokkaido. Both mercury deposits are epithermal type and formed in subducting zone. The relationship between organic minerals and mercury deposits in subducting zone will be discussed.

Keywords: Mercury deposits, Organic minerals, Subducting zone, Polycyclic aromatic hydrocarbons