
Features of volcanic-hosted epithermal gold mineralization in the Nagos and Mantri areas, Semporna Peninsula, Eastern Sabah

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Two small gold prospects, showing features of epithermal type of mineralization were delineated by a joint-venture company while prospecting under license in the Semporna area, South-eastern Sabah. The features which are indicative of epithermal mineralization include hydrothermal alteration from propylitic to advanced argillic alteration, silicification, veining, hydraulic brecciation and ore textures.

The two prospects which is only 40 km apart are however classified as belonging to two distinct type of epithermal mineralization. The Nagos prospect belongs to the high sulphur or acid-sulphate type, whereas the Mantri prospect belongs to the low sulphur or adularia-sericite type.