

PERSIDANGAN GEOSAINS NASIONAL 2006
NATIONAL GEOSCIENCE CONFERENCE 2006
12-13 JUNE 2006, ARMADA HOTEL, PETALING JAYA

**THE MINERALOGY OF GOLD MINERALIZATION OF AJMAL MINE, KECHAU TUI,
PAHANG DARUL MAKMUR**

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ABSTRACT: The former Ajmal Mine, presently a limestone quarry, shows gold mineralization in its quartz veins. The veins are steeply dipping to the west, are fault related and may occur singly or in multiple as parallel veins in shear zones. The gold bearing veins are sulphide-poor. In some veins, gold mineralization is associated with tetrahedrite. Galena-rich patches, carrying almost nothing else, may also be found in the gold bearing quartz veins but it is a late mineral. Texturally gold is fine-grained and is found in the quartz and in the tetrahedrite. Wall-rock alteration is hardly visible and the only type associated is silicification. From the mineralogy and wall-rock alteration it is likely that deposition occurred at a low temperature at a distance from the source of the mineralization.