

Recent EPMA Applications in Geology and Industry

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The electronprobe microanalyzer or EPMA has proved to be a useful analytical tool in earth science research and the industry in Malaysia. The EPMA has been harnessed in the characterisation and exploration for gold, nickel, cobalt, tin, and heavy minerals as well as mineralogical research where quantitative analyses and structural formulae are required. The majority of samples come from the industry where variations in the composition of samples and contaminants are important. Elemental distribution patterns revealed in X-ray maps are sought after in the types of remedial measures taken to improve the quality of the products.
