

Forensic Investigation Into the Variation of Geological Properties of Soils Bintulu, Sarawak

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Abstract : In this paper a brief overview is provided of the developments in interdisciplinary knowledge exchange with use of soil and geological (earth) materials in the search for evidence. The aim is to provide background information on the role and value of understanding 'earth materials' from the crime scene through to microscopic scale investigations to support law enforcement agencies in solving criminal and environmental concerns and investigations. This involves the sampling, analysis, interpretation and explanation presentation of all these evidences. In this context, field and laboratory methods are highlighted for the controlled / referenced sample, alibi sample and questioned sample. The aim of forensic analyses of earth materials is to associate these samples taken from a questioned source to determine if there are similar and outstanding characteristics features of earth materials crucial to support the investigation to the questioned earth materials and compare it to the controlled / referenced sample and alibi samples.

Keywords : soil, texture, grain, microscopy

Conference Title : ICPENS 2023 : International Conference on Physics, Engineering and Natural Sciences

Conference Location : Toronto, Canada

Conference Dates : July 10-11, 2023