

## **Engineering geological of an active slope in KM46 Simpang Pulai, Perak**

### **ABSTRACT**

Engineering geological mapping is an essential tool to understand the geotechnical threshold values triggering slope failures. The slope chosen is the KM 46 Jalan Simpang Pulai-Cameron Highlands in Perak. A geological map composed of the confirmed and probable bedrock layer may it be on the ground surface or immediately underneath the soil layer. The soil layer can be transported materials and also can be the residual soil of the bedrock. Engineering geological maps include additional engineering geological information such as dips and strikes of the unconformities, Standard penetration Tests (SPT) values. Geomorphological informations and topograhly inputs.

**Keyword:** Slope; Engineering geological map