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3D KL

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Abstract: The Mineral and Geoscience Department (JMG) in collaboration with the British Geological Survey (BGS) through the Official Development Assistance (ODA) program with the theme "Geoscience for Sustainable Futures-Resilience of Asian Cities" within 2 years (2018-2019) had paved a way forward in a project developing a comprehensive subsurface geological information database system. These invaluable existing and future drill holes data and information will be further used to construct 3-Dimensional geological models and the project is entitled as 3D KL. JMG will play the role as the lead agency which is in line with JMG's mandate under Act 129 - The Geological Survey Act 1974, Section 13 and Section 14 with the provision stated that person who bores, drills, digs or otherwise develops a hole, pit, shaft, tunnel, cutting or other excavation must notify JMG of such details. The source of data and information are from stakeholders involved directly or indirectly in site or subsurface investigation works such as Developers, Engineering Consultants, Geological Consultants, Soil Investigation Contractors, Government Agencies and any parties with sub surface data and information. The ultimate goal is a National Subsurface Database and acts as the Central Subsurface Database Repository for Malaysia. The database system will serve as an initial source of information and reference in any new developments planning to relevant parties such as the Project Proponent, Town Planner, Geologist, Engineer, Stake Holder regarding the physical underground condition of the existing site and furthermore for sub-surface investigation planning. As such this will avoid unforeseen ground conditions that could lead to delays and increases in costs for a project while at the same time these initial information can save on cost and time. However the existing information will not be used to exclude the needs for subsurface investigation work of any specific site. This database system will continue to be updated with available new data and information from time to time and maintained for the benefits of relevant parties and the country in general.

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