

Gravity mapping of the coastal plain of Selangor

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Gravity mapping "sees through" the extensive alluvial cover of the coastal plains and allows delineation of those bedrock features which involve rocks of different densities. From Klang to Kuala Selangor the gravity field is dominated by a regional variation which is a continuation of that associated with the main-range granite to the east. Superimposed on this is a local negative anomaly to the southwest of Batang Berjuntai. South of Klang this regional variation is not seen, but there are large (> 10 milligal) anomalies. To the east of Morib is a northeast trending negative anomaly, interpreted as a sedimentary trough which is fault bounded on its western margin. To the north and west of Banting is a broad complex positive anomaly interpreted as due to an igneous complex.
