

Foundation grouting of Batu Dam, Kuala Lumpur

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Batu Dam, located approximately 20 km north of Kuala Lumpur is a multizoned earthfill dam. The dam is founded on schist with the foliation dipping downstream. The grouting works consist of blanket and curtain grouting ranging in depth from 6.5 m to 40 m. One row curtain grouting was designed for the right abutment and a three row curtain grouting for the river valley, left abutment and spillway area. The conditions encountered necessitated minor changing of the hole layout.

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