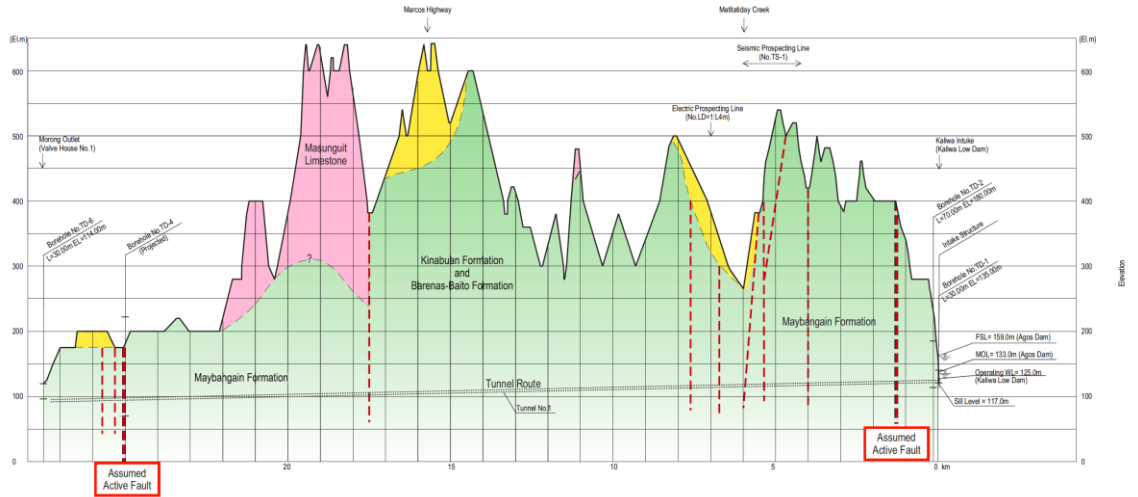


Project identification

New Centennial Water Source Project

Type of project

Water Transport Tunnel



Client
RebelGroup/Royal HaskoningDHV

In co-operation with

Project assignment
Feasibility study headrace tunnels

Country
Philippines

Location
Manila

Project duration
2014

Project phase
Pre-tender

Construction cost
not disclosed
(excl. VAT)

Consultancy fee
€ 18.000,-
(excl. VAT)

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Project identification

New Centennial Water Source Project

Type of project

Water Transport Tunnel

Project description

In the Philippines new hydropower plants are under investigation, like in many other upcoming countries in Asia and Africa. The New Centennial Water Source Project is a hydropower project in the mountains near Manila, the capital of the Philippines. The project consists of two dams, a headrace tunnel of approximately 27 km and a powerhouse.

Scope of work

The client needed a specialized consultant for the study regarding the headrace tunnels. TEC was assigned by Royal HaskoningDHV to undertake a feasibility study for the tunnels. The task includes the assessment of the technical feasibility of the tunnels, including the selection of excavation method (TBM or Drill&Blast) and type of TBM. TEC also produced the draft project planning and an estimation of the construction costs.