

Water Conveyance Tunnel UMA OYA Multipurpose Project

Banderawela, Srilanka

PUHULPOLA TUNNEL

Master plan aim

145 mil.cu. of water transfer for irrigation of dried area in S-E of Srilanka

Construction Costs

Construction Conveyance TU: approx. USD 30 million

Project Schedule

Design: 2013
Construction: will be started in 2013

Project Description, Construction Conveyance

Conveyance tunnel between Puhulpola and Dyraaba RCC dams, horse-shaped profile

Length: 3718 m
Curve radius: Straight
Gradient: 0.07 %

Method of Excavation

Drill & Blast \varnothing 4.50 m

Geology

Methamorphic Gneisses with different percentage of Quartz and Feldspar
Max. overburden: 250 m

Our Services

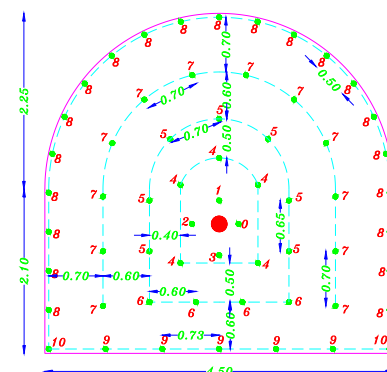
Preparation of D&B method statement
Design of blast-hole arrangement
Method of support installation
Design of technical services during execution;
including:
• Ventilation
• Water supply
• Drainage
• Compressed air supply
Preparation of equipment list
Design of ground monitoring plan

Client and Contact Person

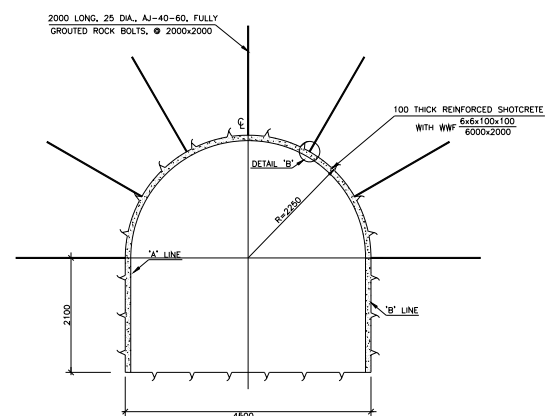
Farab Co. (Energy & Water Projects)
Mr. Mostajer Haghighi (Project Director)
Mr. Foroutan (Head of Engg. Dept.)



Project master plan



Blast-hole arrangement



One of temporary support classes