

# Progress Report of SKDKHEP

Project : Solu Khola (Dudhkoshi) Hydroelectric Project (86 MW)  
 Employer : Sahas Urja Ltd.  
 Engineer : Consortium of Hydro-Consult Engineering Ltd. and Fichtner GmbH & Co. KG

Civil Contractor : CE Construction Pvt. Ltd.  
 HM Contractor : Machhapuchhre Metal and Machinery Works (P). Ltd.  
 EM Contractor : Voith Hydro Pvt. Ltd.  
 TRL Contractor : Gaura Construction Pvt. Ltd.

Civil-Surface Works	% Completion
Weir, Undersluice and Stilling Basin	75%
Intake, Gravel Trap and Flushing	99%
Approach Culvert	100%
Settling Basin	97%
Headrace Culvert	25%
Powerhouse	80%



1. Weir and Stilling basin progress after 2<sup>nd</sup> stage river diversion.



2. Settling basin view.



3. Control Building work at Powerhouse area.

Civil-Under Ground Works	% Completion with respect to excavation
Headrace Tunnel	83%
Penstock Tunnel (Inclined Section)	100%
Penstock Tunnel (Vertical Section)	83%
Adit Tunnels	100%
Surge Tunnel	100%

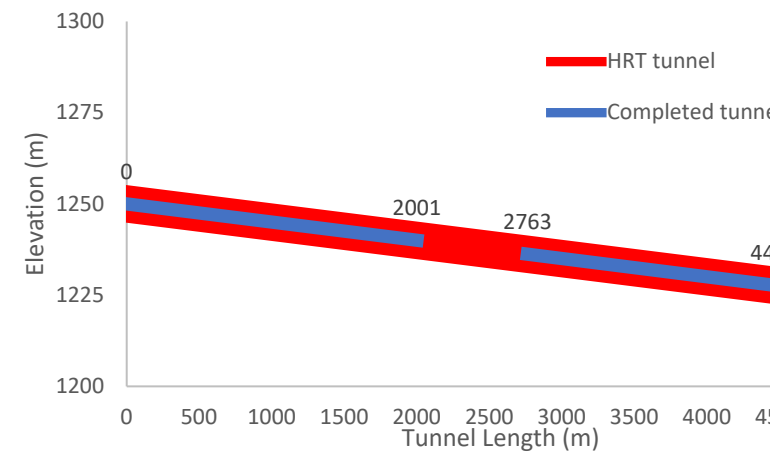


Figure 4. Headrace tunnel progress

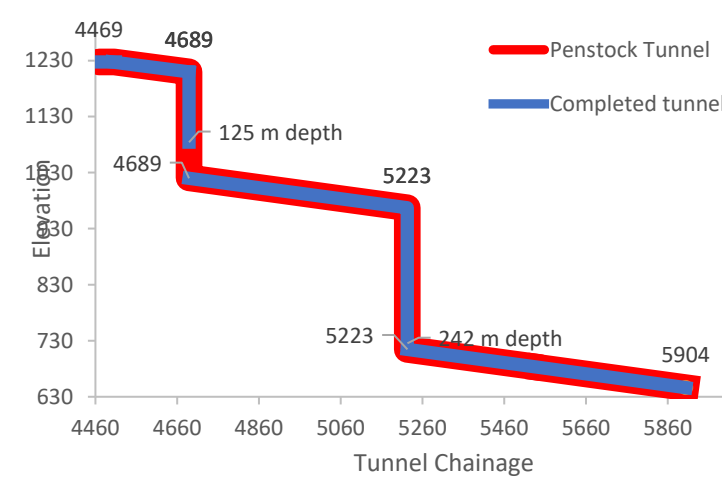
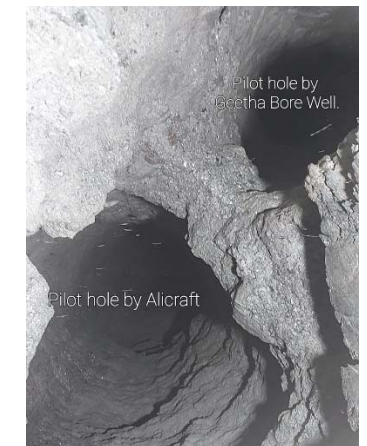


Figure 5. Penstock tunnel



6. Vertical shaft 2, break through

## Hydro-Mechanical Works:

- Rolling and welding of penstock pipes - **85% completed**
- Blasting and painting of penstock pipes - **73% completed**
- Steel lining at headworks - **100% completed**
- Embedded parts of gates at headworks - **95% completed**
- Transportation of plates - **89% completed**

## Electro-Mechanical Works

- Earth mat transported to site and installed at powerhouse foundation - **65% completed**
- Design of electro-mechanical components - **94% completed**
- EOT Crane has been installed at site.
- Transportation of various Electro-Mechanical component to site has started.



7. Installation of Intake Gate



8. EOT crane installation at Powerhouse

**Note:** The Reporting period is till May end 2021. The latest site photos are updated on timely basis in the Gallery section of our website.