Takht e Gonbad Dam, Iran

PROJECT SUMMARY

Name: Takht e Gonbad Dam, Iran
Year: 2018
Client: Shining Copper Company
Contractor: Shining Copper Company
Instrumentation: Larzeh Sakht Savalan

OVERVIEW

Takht e Gonbad Dam is located 65km North East of Sirjan (Kerman Province) in Iran. The Dam provides water for use by a Copper Mine Factory.

Takht e Gonbad Dam is an earthfill dam with a clay core. It is 800m in length and 20m high. It impounds a 15,000,000m³ reservoir.

MONITORING

Monitoring of the dam construction integrity and long-term safety is carried out by recording measurements in the following key areas:

- Foundations
- Pore water pressures in the rock
- Groundwater levels

PRODUCTS USED

VW Piezometer HD
For measuring pore pressure at foundation

Linx Datalogger with GPRS communication
For Remote monitoring