Sarcheshmeh Copper Mine, Iran

**PROJECT SUMMARY**

Name: Sarcheshmeh Copper Mine, Iran
Year: 2011-2013
Client: National Iranian Copper Industries Co
Main Contractor: Tanavob Co
Instrumentation: LARZEH SAKHT SAVALAN
Consultant: MEWE

**OVERVIEW**

This Project is located in 30Km from Sarcheshmeh Kerman Province. It is phase II of the copper mine.

Because of electrical towers that were on top of the slope and the construction of structures, monitoring of slope was essential.

**MONITORING**

Monitoring is required as part of Asset Protection as well as design validation and construction safety.

Instrumentation installed includes:

- In Place Inclinometer (IPI) to monitor deformation,
- In Place Tilt meter to monitor tilt of electric towers and excavation surface and a data logger for remote monitoring.

**PRODUCTS USED**

- In-place Inclinometer
- In-Place Tilt Meter
- Portable MEMS Inclinometer System
  - For measuring lateral displacement.
- QJ Inclinometer Casing
- Readout
  - Measures all types of vibraing wire sensors.
- G8 PLUS Data Logger