

Field Engineer Profile

Accomplished and results-driven professional with substantial experience in geological and seismic prediction, data collection, and field research. Proven record of success in performing the TSP-303 test for prediction in conventional tunnelling to increase performance and ensure timely completion. Skilled at executing cut slope stabilisation, landslide hazard assessments, hydro seeding implementation, fence protection against erosion, stone pitching, inclinometer monitoring, and tunnel face mapping. Analytical planner adept at identifying and isolating maintenance and installation challenges, as well as devising solutions to resolutely mitigate issues. Demonstrated communication skills combined with the ability to build robust relationship and synergy across business lines to drive positive change.

Areas of Expertise

- ♦ Project Management
- ♦ Geophysics Technology
- ♦ Geophysical Data Collection
- ♦ Landslide Hazard Assessments
- ♦ Seismic Process & Data Acquisition
- ♦ Hydro Seeding Implementation
- ♦ Seismic Interpretation
- ♦ Process Improvement
- ♦ Regulatory Compliance

Professional Experience

Yapi Merkezi Construction, Awash Kombolcha Hara Gebaya, Ethiopia

2015 – 2018

Geophysicist Technician

Played a vital role as a geophysical technician and spearheaded the 400KM long railway project with the budget of \$1.7B in Awash Kombolcha Hara Gebaya, Ethiopia (biggest project of Africa) by cooperating with other team members. Facilitated the team members and maintained their computers by installing software, updates, and microsoft programs to prepare excel charts, Geotechnical and site observations reports, daily reports, power point presentations for meetings. Delivered the outstanding performance and managed the cut slope stabilisation, landslide hazard assessments, hydro seeding implementation, and fence protection against erosion, stone pitching, inclinometer monitoring, and tunnel face mapping to support team of senior engineers.

- ♦ Conducted the TSP-303 tunnel test (Tunnel Seismic Prediction test) for first time during the project for geological prediction in conventional tunnelling to enhance performance and achieve cost savings.
- ♦ Coordinated with multinational team and examined the amount of equipment, developed inventory list, and ordered missing items to ensure availability and seamless working functions.
- ♦ Created and submitted the daily geotechnical reports and drilling lengths reports to assist team members.

Ege Geophysical Engineering and Consulting, Awash Kombolcha Hara Gebaya, Ethiopia

2014 – 2015

Geophysical Data Collector and Field Researcher

Completed the railway project in line with aggressive and challenging schedules and standards by managing seismic works of bridges, tunnels, deep cuts, and level crossings-over passes as a field engineer in Awas-Kombolcha Hara-Gebaya. Gathered and prepared all geophysical data at the field for interpretation (MASW and Microtremor surveying) to generate appropriate processes/reports.

- ◆ Performed entire tasks in a timely manner with minimal resources.
- ◆ Gathered 1500 plus geophysical data with 48 channeled system on 400 km project.

Internships

Sakarya University, 2012-2013

- ◆ Collected electrical resistivity data and discovered an ancient cistern on field with team that proved to be a big discovery. Supported the archaeological field research by using electrical resistivity method in ancient cities of Alabanda and Labranda in Aydin City (near Izmir).

Ege Geophysical Engineering and Consulting, 2010

- ◆ Evaluated data of Seismic and field research during 4-week internship.

Bisen International Consultancy Engineering And Trade Limited Company, 2009

- ◆ 4-week internship work for project schedule of values and studies in the preparation stages of projects.

Education

Bachelor in Geophysical Engineering, 2019

Sakarya University, Turkey

Seminars & Courses

NEBOSH International General Certificate in Occupational Health and Safety 2019

SYGMA SOLUTIONS LTD MALA GPR TRAINING 2018

Amber Technology TSP303 Training 2015

Geophysical seminar in the ancient city of Labranda 2012

English course in Batı Dilleri 2011-2013