

COMPANY PROFILE · 2026

Turnkey geotechnical drilling and site investigation across Türkiye

One contact and one schedule from drilling to a report signed by a geological engineer. Traceable, specification-compliant field data for railway, highway and bridge, residential and infrastructure projects.

23,500+

METRES DRILLED

50+

PROJECTS

35

PROVINCES WORKED

4

DRILLING RIGS

Accurate data

Automatic SPT, disciplined borehole logging, every core box photographed.

Complete scope

Every specification item; drilling, testing, laboratory and reporting in one package.

Fast mobilisation

Our own fleet can work on several sites at once.

Galen Zemin Etüdü Ltd. Şti.

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From planning to the signed report

We manage every stage of geotechnical site investigation. Depending on your needs we provide drilling and in-situ testing only, or a full turnkey investigation package.



01 • DRILLING

Geotechnical Drilling and Sampling

- Boreholes with SPT (TS EN ISO 22476-3)
- Rotary core drilling with TCR and RQD
- Undisturbed (UD) sampling (TS EN ISO 22475-1)
- Mineral exploration core drilling



02 • IN-SITU TESTING

In-situ Borehole Testing

- Pressuremeter test (Ménard, TS EN ISO 22476-4)
- Packer test (Lugeon, TS EN ISO 22282-3)
- SPT: key input for TBDY 2018 site classification



03 • LABORATORY

Soil and Rock Laboratory Testing

Physical and mechanical tests (TS 1900-1/2) at our partner laboratory with full chain of custody; results feed directly into the report.



04 • MONITORING

Groundwater and Inclinoimeters

Groundwater level measurement and standpipe piezometers; inclinometer installation and readings for landslides, slopes and deep excavations.



05 • REPORTING

Geotechnical Reporting

- Soil and Foundation Investigation Report (TBDY 2018) and Factual Report
- Geological-Geotechnical Report for Zoning Plans
- Borehole logs, core photographs, test sheets, borehole locations (Excel, KMZ)
- Reports are prepared and signed by a licensed geological engineer.

1 • Request

Location, scope, specification and site plan if available.

2 • Programme

Boreholes, depths and testing programme; quotation.

3 • Site works

Mobilisation, drilling and in-situ testing.

4 • Delivery

Laboratory results, logs and signed report.

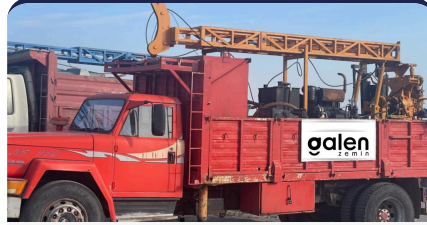
Our own rigs, standard-compliant data

Four truck-mounted drilling rigs (3 fully hydraulic, 1 mechanical) allow fast mobilisation and simultaneous work on several sites.



2 UNITS · FULLY HYDRAULIC ZT 250 Q5

Capacity	NQ 350 · HQ 220 · PQ 145 m
Rotary torque	up to 4,880 Nm
Pull-down / pull-up	64 kN
Feed stroke	6,000 mm
SPT	Automatic hammer



1 UNIT · MECHANICAL TSM 750

Capacity	BQ 800 · NQ 500 · HQ 300 m
Max. pull	9,000 kg
Rod clamp	Hydraulic jaws
Use	Deep core drilling



1 UNIT · FULLY HYDRAULIC Hydraulic drilling rig

Application	Soil and rock drilling
In-situ tests	SPT, UD sampling
Carrier	Truck-mounted

Capacities are manufacturer catalogue values; achievable depth depends on ground conditions and rod size.

Quality on site

- **Automatic SPT:** constant drop height, repeatable N values
- **Disciplined logging:** every metre recorded
- **Core photography:** every box with project, borehole no. and depth
- **Sample handling:** labelled and protected in transit to the lab
- **Health and safety:** site set-up in line with HSE rules

Standards and specifications we follow

- TBDY 2018 – Turkish Building Earthquake Code
- Ministry (ÇŞB) soil and foundation report format
- TS EN ISO 22476-3 (SPT), 22476-4 (pressuremeter)
- TS EN ISO 22475-1 (sampling), TS EN ISO 22282-3 (Lugeon)
- KGM, TCDD/AYGM, DSİ and İller Bankası specifications



REFERENCES

50+ projects in 35 provinces

From public infrastructure to large residential developments, we have drilled more than 23,500 metres in a wide range of scales and ground conditions. Selected projects:

Railways and Rail Transit

5,700+ metres drilled

- Kars–İğdır–Aralık–Dilucu High-Standard Railway
- Yerköy–Kayseri High-Speed Railway
- Mardin–Nusaybin Railway

and others

Highways and Bridges

5,300+ metres drilled

- İpsala–Enez Provincial Road
- Saray–Kıyıköy Provincial Road
- Kahramanmaraş Ring Road

and others

Residential and Buildings

10,000+ metres drilled

- Artaş Avrupa Konutları, Güneşli (İstanbul)
- Artaş Avrupa Konutları, Esenyurt (İstanbul)
- Artaş Vadistanbul (İstanbul)

and others

Infrastructure and Other

2,500+ metres drilled

- Kayseri Seismic Microzonation
- DSİ Van Gölü Pond (dam)
- Mineral exploration coring

and others



Request a quotation

These details are enough for us to prepare a borehole and testing programme:

- Project location and type
- Required scope: drilling, testing, laboratory, reporting
- Number and depth of boreholes, specification or site plan (if available)
- Planned start date

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