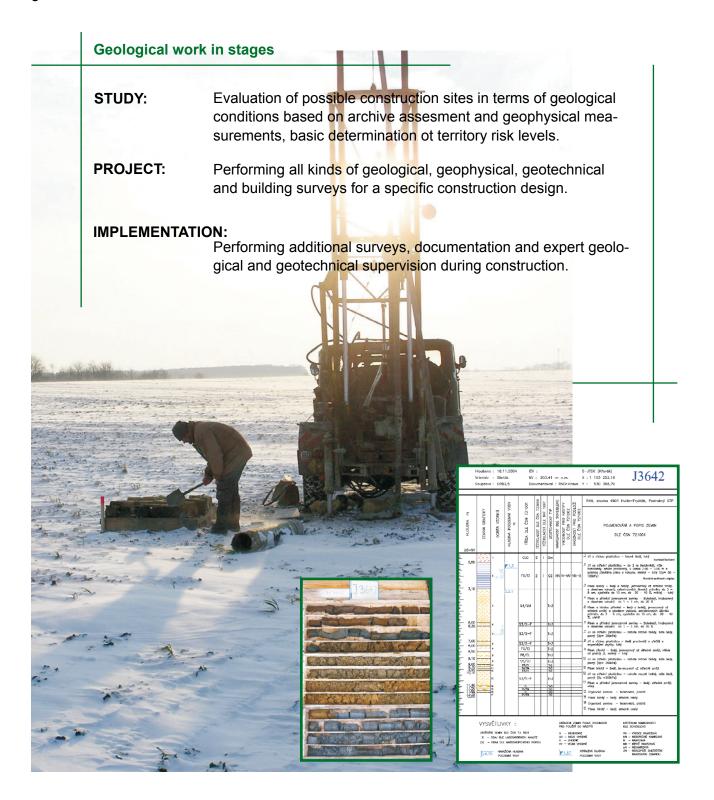


Standard activity in construction preparation and execution with an exceptional approach

We do comprehensive geological surveys including geotechnical evaluation. We combine standard survey methods drilling, field tests, sampling, laboratory tests, etc. with efficient geophysical and geotechnical methods.





Our approach to geological and geotechnical issues allows us to

- Create a continuous geological and then geotechnical environment model with 2D and 3D result display
- Make surveys more efficient and faster, limiting its environmental impacts
- Perform geotechnical calculations and modelling
- Work in difficult to extreme conditions above ground and underground, on roads and in city centres
- Evaluate a survey on the basis of a huge amount of data obtained with the use of empirically verified relations



Hydrogeological surveys

Depending on the project, we offer these as part of geological survey activities, especially for road constructions.

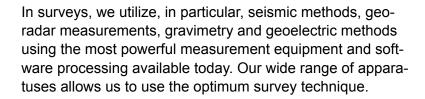
Hydrogeological surveys focus mainly on:

- Assessment of ground water effects on projected and existing constructions, including the proposal of optimum measures
- Assessment of construction effects on local hydrogeologic and hydrodynamic regimen, groundwater purity and the yield of groundwater sources
- Searching for water sources wiht a higher yield

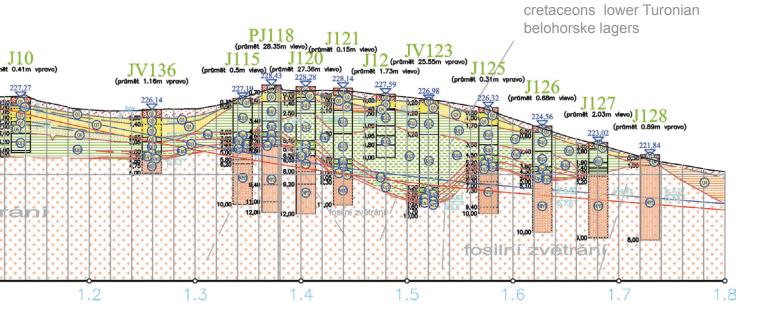


Geophysical surveys

A geophysical survey is part of geological work and is also suitable for handling separate tasks. Geophysical survey methods enable continual monitoring of changes in physical parameters on areas of interests, planar and spatial, including the observance of any time variations in physical fields.

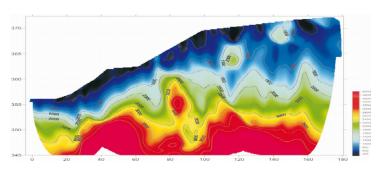






Foundation construction diagnostics

- Static and dynamic loading tests of foundation beds and constructions
- Integrity test
- Ultrasonic and seismic scanning with tomography evaluation







With its methodology, equipment and professional focus, our company is prepared to solve difficult tasks in comlicated geological conditions



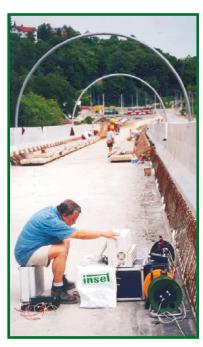


Main company activities:

- Surveys for the constructions and repair of transportrelated structures (highways, roads, railways, airports, bridges, tunnels)
- Surveys for the construction and improvement of underground utility lines (ducts, sewers, gas lines, water lines)
- Surveys when handling defects in engineering structures and uderground utility structures
- Localization of cavities, old mine workings, underground passages and cellars in built-up areas and on open ground with instability assessment
- Surveys and monitoring of landslide areas
- Services for tunnelling and other underground work
- Assessment of building material deposits and borrow pits
- Expert geological and geotechnical construction supervision we guarantee the customer maintenance of the required level of safety and the maximum level of economic optimization

Other activities related to the assessment of ground environment characteristics

- Corrosion survey determining environmental aggressiveness, measuring stray current fields, electric and geophysical measurements on engineering structures bridges, tunnels
- **Pedologic survey** preparing complete documentation for an application for land removal from the agricultural fund
- Pyrotechnic and archaeophysical survey searching for unexploded ammunition and other metal objects underground
- Surveys related to the ecological load of the ground environment
- Expert reports preparing reports in the field of engineering geology, hydrogeology, geotechnics and geophysics, engineering structure diagnostics, seismic load of constructions



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