



Extent of realized geological works:

- geophysical measurements
- exploratory non-equipped boreholes (Geoprobe probes) - 7 pcs
- equipped monitoring boreholes - 6 pcs
- hydrodynamic and tracing tests
- sampling work and field measurements
- laboratory work
- drawing up a final report with a risk analysis
- drawing up a feasibility study of remediation



Customer:



Ministry of Environment of the Slovak Republic
Námestie Ľ. Štúra 1
812 35 Bratislava

Contractor of geological works:

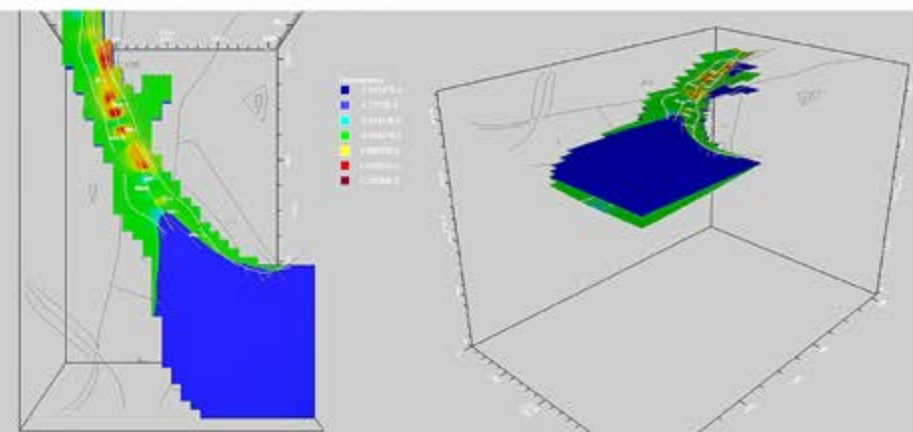


ENVIGEO, Ltd.
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Geological Survey Results:

- DNAPL groundwater and soils pollution has been identified (chlorinated hydrocarbons)
- the source and paths of pollution have been identified
- the presence of environmental risk has been demonstrated from the spread of groundwater pollution due to chlorinated hydrocarbons (1,1,2,2-tetrachloroethene, perchloroethene - PCE), cis 1,2-dichloroethene (cis DCE) and vinyl chloride (chloroethene - VC)
- the health risk present is identified on the site in the case of using water from the garden well, namely the risk carcinogenic and non-carcinog. effects for the individual population
- the feasibility study of the remediation proposed a complex appropriate remediation methods to eliminate the risk present on plots with parcel numbers 4573, 4575, 4576, 4582



Budget of the geological task: **56 500 €** (excluding VAT)

Solution time: **jan 29, 2014 - apr 29, 2015** (15 months)



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