



Geological works were realized in the extent of:

- atmogeochemic measurements (80 measurements)
- exploratory non-equipped boreholes (Geoprobe probes) - 14 pcs
- equipped monitoring boreholes - 6 pcs
- hydrodynamic tests - 2 pcs
- 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, Inc.
Kynceľovská cesta 2/8
974 11 Banská Bystrica



Geological Survey Results:

- proven pollution of the mineral environment by petroleum substances origin
- chlorinated hydrocarbons have been detected in groundwater with dominance 1,1,2,2-tetrachloroethene and vinyl chloride
- the presence of environmental risk has been demonstrated from the spread of groundwater pollution in indicators 1,1,2,2-tetrachloroethene, vinyl chloride and non-polar extractables substances
- identified presence of health risk of carcinogenic effects of 1,1,2,2-tetrachloroethene for the population in case of use of polluted groundwater from the garden well
- remediation of environmental burdens was recommended and in the feasibility study has been identified applicable remediation methods for the type of pollution



Budget of the geological task: 57 442 € (excluding VAT)
 Solution time: jan 29, 2014 - apr 29, 2015 (15 months)



ENVIGEO, Inc. Kynceľovská cesta 2/8, 974 11 Banská Bystrica
 tel.: +421 (48) - 471 24 30 mail: envigeo@envigeo.sk
 fax: +421 (48) - 471 24 23 web: www.envigeo.eu