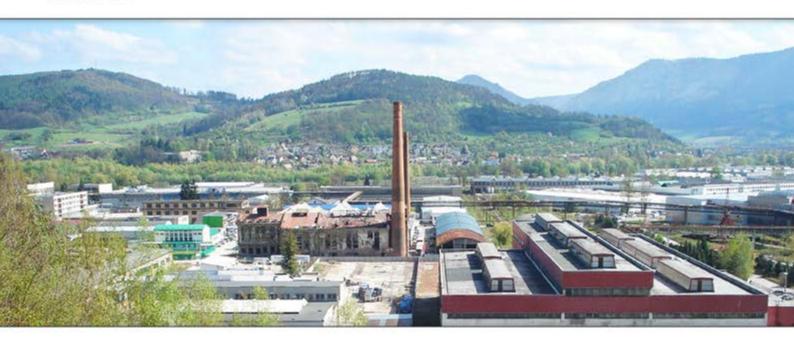




Považská Bystrica - area of former engineering works (SK/EB/PB/1894)



Geological works were realized in the extent of:

- atmogeochemic measurements (40 measurements)
- geophysical measurements 1 900 m
- exploratory non-equipped boreholes (Geoprobe probes) 32 pcs
- equipped monitoring boreholes 10 pcs
- building specific objects 4 objects
- hydrodynamic tests 5 pcs
- sampling work and field measurements
- laboratory work
- drawing up a final report with a risk analysis
- drawing up a feasibility study of remediation







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



Contractor of geological works:



ENVIGEO, Inc. Kynceľová 2 974 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 environ. 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





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ENVIGEO, Inc. Kynceľová 2, 974 11 Banská Bystrica

Budget of the geological task: 57 442 € (excluding VAT)

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

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