



Geological works were realized in the extent of:

- geophysical measurements
- exploratory non-equipped boreholes (Geoprobe probes) - 10 pcs
- exploratory non-equipped boreholes in decanting plants bodies - 9 pcs
- equipped monitoring boreholes - 5 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.
Kynceľová 2
974 11 Banská Bystrica



Geological Survey Results:

- pollution of soils, groundwater and surface water by As and Sb metals was detected
- primary and secondary sources of pollution and pollution spread paths have been identified
- the presence of environmental risk from soil and groundwater pollution of As and Sb was proven
- the presence of health risks has been proven (due to As and Sb, by ingestion and to the individual)
- environmental remediation has been recommended
- a complex of suitable remediation methods has been proposed



Budget of the geological task: **102 200 €** (excluding VAT)

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



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