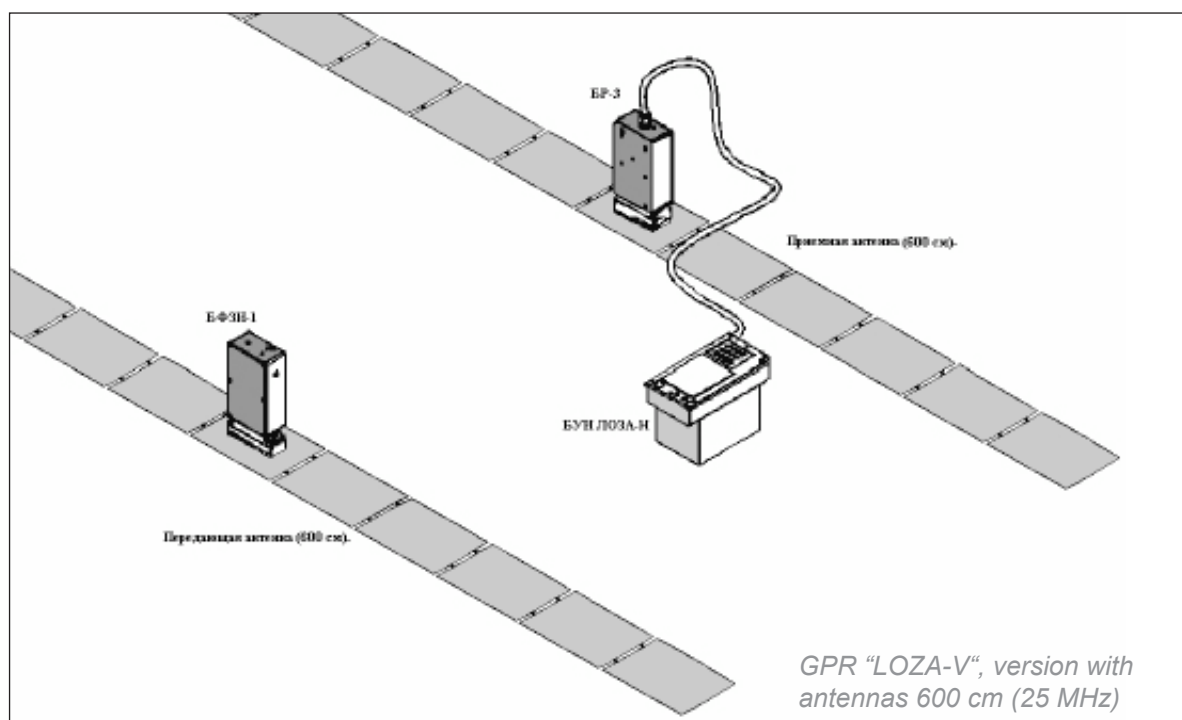


VIADIMOS A.S.

UNIQUE SERVICE OFFER

GROUND PENETRATING RADAR LOZA

The GPR LOZA is a geophysical device designed for non-destructive studying of soil structure at depths from 1 to 400 meters. Unlike its competitors, LOZA is an enhanced power GPR, operating in any wet environment, even in water.

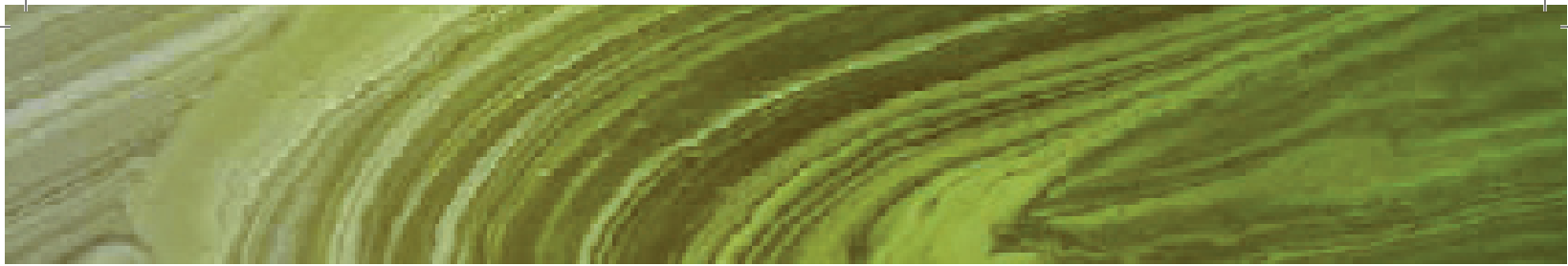


GPR LOZA

is a reliable tool which will help you solve any problems concerning subsoil exploration.

- Provides for engineering geological and hydrogeological surveys of subsoil
- No need for any additional terrain probing
- Finds and identifies environmental burdens

- Do you need to solve the issues of dangerous/ contaminated soils? Or other environmental burdens?
- Do you need to have a terrain monitored before structural design?
- Do you face a demanding archaeological survey?
- Do you search for technogenic objects in great depths – pipelines, cables or collectors? Or do you need to monitor foundations of old buildings, wells, catacombs or other underground cavities and objects?

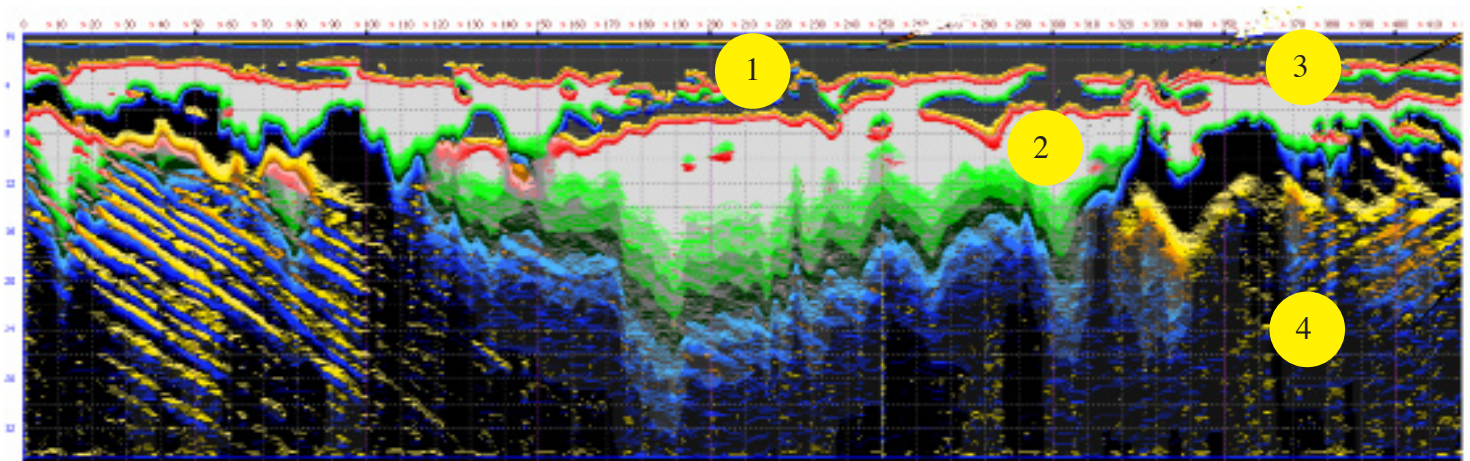


Case studies - examples

a) Geological survey – new mineral deposits

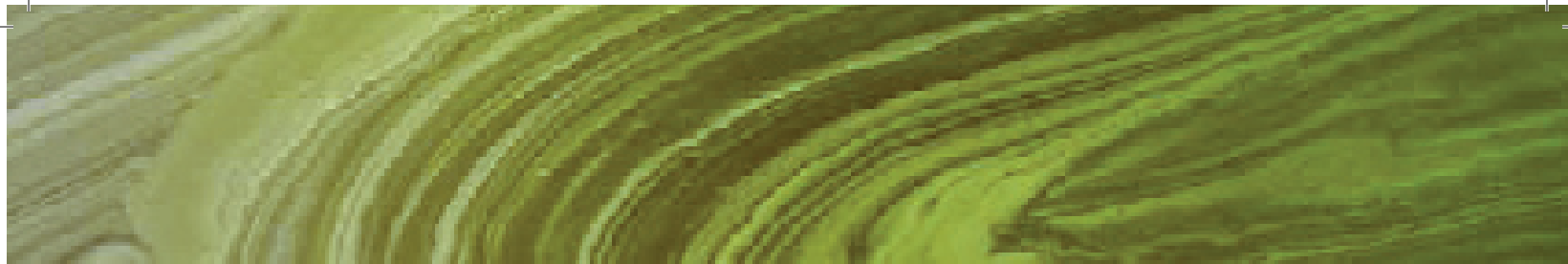


With a help of the GPR method, geological surveys are performed when searching for minerals, metallic ore and non-metallic ore deposits. It allows for more accurate outline of productive layer and for quantification of mineral resources.



No.	Upper border depth	Lower border depth	Lower border depth
1 Light sandy loan soil	-	Min. 2 m / Max. 4 m	From 1 m to 6 m
2 Interlayer soil	-	-	From 0,3 m to 0,5 m
3 Industrial sand	Min. 2 m / Max. 4 m	Max 8 m/ Max. 24 m	From 4 m to 20 m
4 Indigenous ores	Min. 8 m / Max.. 24 m	-	-

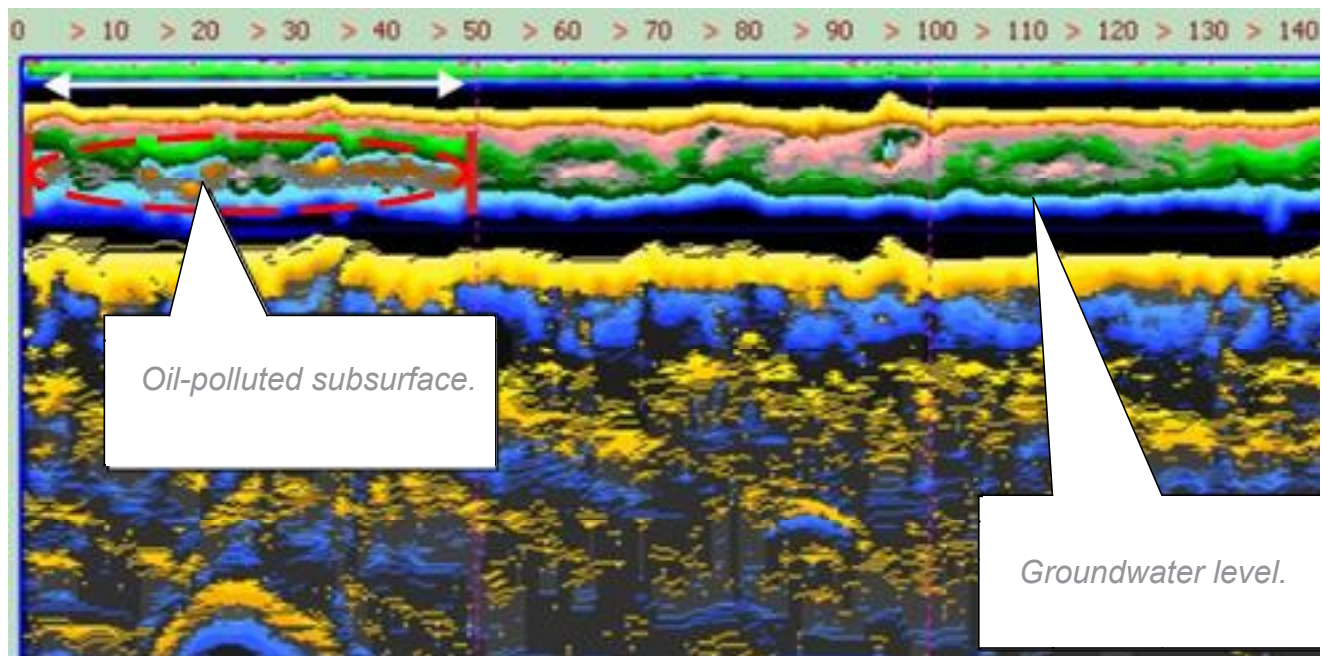




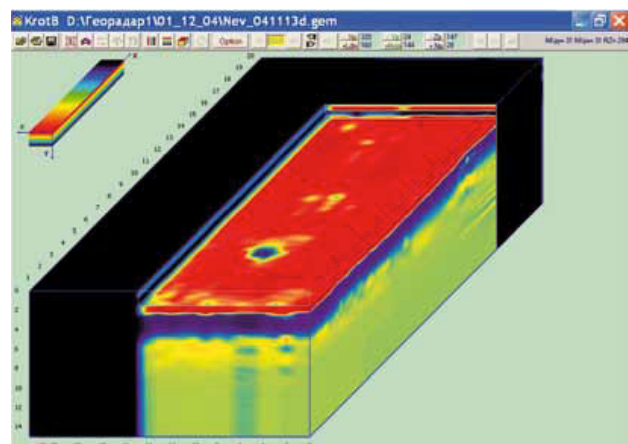
b) Identification of polluted soil
environmental burdens, old refuse disposals, pumping stations etc.



The GPR method allows for monitoring of groundwater level fluctuations and determination of groundwater and subsurface pollution with oil and other substances. Oil-polluted subsurface.



c) Archaeological survey
3D evaluation of archaeological finds.





Your cooperation

VIADIMOS A.S.

VIADIMOS a.s. provides full service including the preparation, measuring and final evaluation. Full and highly professional service in combination with the enhanced power GPR LOZA guarantees results which will have a great positive impact on total costs and quality of your work.

Non-destructive survey of soil subsurface by GPRs becomes a standard practice in many files, including:

- Mapping and measuring of polluted soil volume;
- Construction works preparation by means of foundation layers analysis;
- Archaeological survey.

With its unique structure, and unlike standard devices, the GPR LOZA allows for use in heavy clay soils penetrated with water

The overall success of the procedure depends not only on the GPR measuring but also on the proper preparation and final processing of the measured results. When the customer requires, a quick information survey, or detailed mapping of the measured parts displayed in 3D will be performed. Our company is the only one closely cooperating with the GPR LOZA manufacturer, namely in evaluation of the measured results.

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