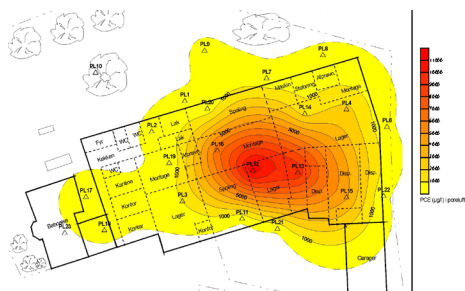




INNOVATIVE SOLUTIONS FOR INVESTIGATION OF SOIL GAS, SOIL AND GROUNDWATER



Probing.dk work as contractor and have provided fieldwork services relating to soil gas, soil and groundwater investigations for more than 20 years.

Probing.dk, a separate entity in which employees from COWI and Geoboringer.dk create good results and high customer satisfaction.



We offer a comprehensive and dynamic investigation package with flexible solutions for your investigation strategy

We are specialised supplier of i.a.:

Screening of volatile contamination – using mobile GC/MS screening of air samples, soil gas, headspace etc. for content of volatile contamination.

Screening for landfill gas – Measuring of air or soil gas concentrations of methane, carbon dioxide and oxygen.

Mapping of volatile contamination in soil gas, soil and groundwater – with MIP and MiHpt equipment from Geoprobe.

Mapping of hydraulic conductivity in geological formations - with HPT equipment from Geoprobe.

Extraction of continuous or level specific soil cores - with DT21, DT32 or Macrocore equipment from Geoprobe..

Extraction of level specific water samples from temporary 1 m filters – with the SP16 system from Geoprobe.

Combined extraction of soil cores and installation of stationary monitoring filters – with the DT32 system from Geoprobe.

Analyses of soil- and groundwater samples - using a mobile field laboratory.

Installation of NAPL flute-liners - for mapping of NAPL contamination in soil and groundwater.

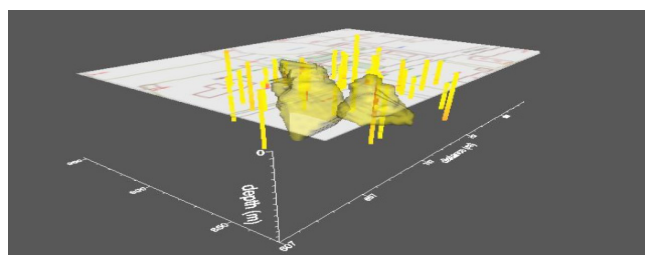


We have a strong analytical setup

Probing.dk have a very strong set of analytical instruments. For screening of soil gas and carrier gas from MIP and MiHpt investigations, a mobile GC/MS labelled Hapsite Smart Plus, is used to ensure identification of both expected and unforeseen compounds.

Basically, additional quantification of BTEX and the usual chlorinated compounds incl. vinyl chloride is performed. GC/MS is further equipped with a reference library that allows the identification of many thousands of volatile compounds.

In addition to sporadic analysis of the carrier gas from the MIP and MiHpt studies, a continuous registration of the volatile compounds in the carrier gas is also carried out. The detection of volatile compounds is carried out synchronous with the detectors ECD, FID and XSD, which ensures good differentiation in the identification of hydrocarbons and chlorinated compounds together with a large range from the detection limit to the analysis limit.



Online portal for reporting

Test results can be reported directly from the field via a portal on the Internet. The customer and other interested parties thus have quick and secure access to the results of current and previous investigations.

Cooperation offers flexibility

If lacking capacity or when solving specific tasks Probing.dk have agreements for cooperation with:

- Højvang Environmental Laboratory and the Danish Technological Institute - Analysis of soil gas, soil, and water samples in a field laboratory.
- Fugro - Provision of special services for investigations and sampling using for instance Geoprobe.

Do you want to know more?

Go to www.probing.dk and find detailed information about our services.

Did you not find what you were looking for or do you need an offer or advising on innovative investigation solutions, please feel free to contact me.



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