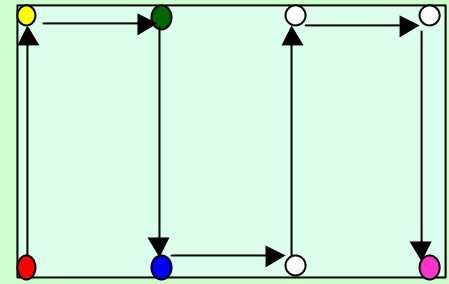


Measurement method:

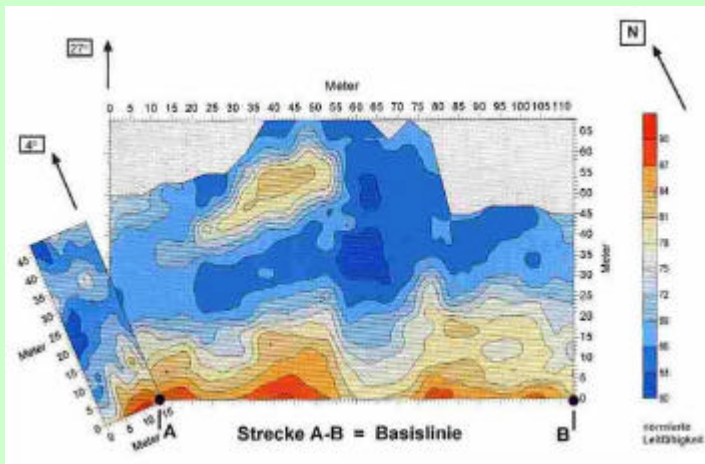
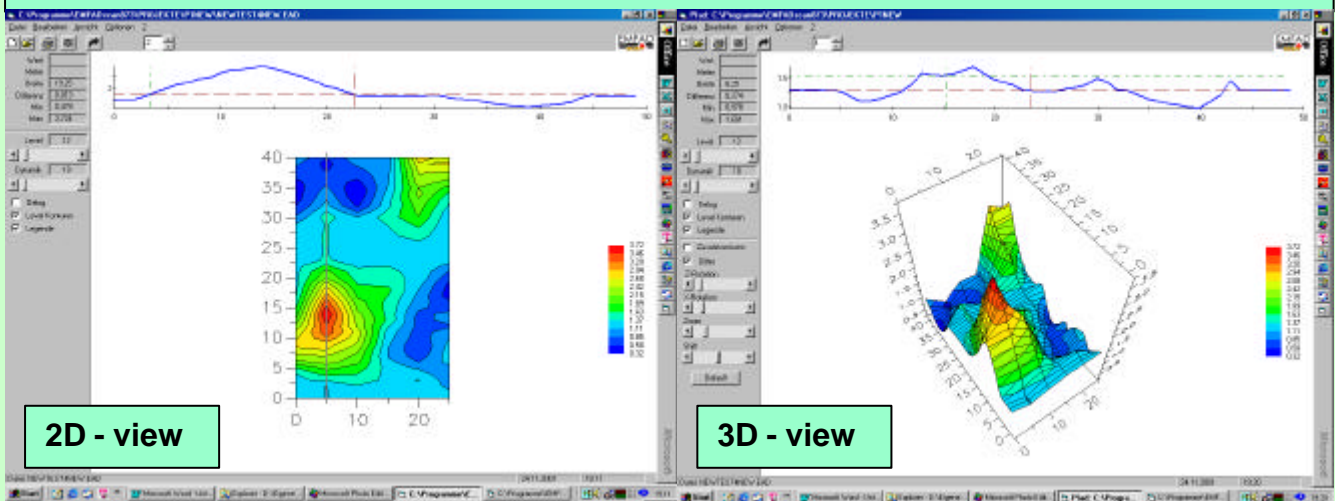
The surveying itself is very simply and is carried out in a pedestrian speed. First, the area to be measured is marked in its four corners. The surveying happens then dependent to the requirements in a suitable profile layout accordingly. Larger distances between profiles are first chosen to make overview measurements. If there are abnormal areas seen in the graphics when evaluating the measured data with EMFAD[®]-SCAN, the distance between the profiles should be reduced in the area of the anomalies. The once chosen step-speed and the step-distance has to be retained for the entire survey.



- Start of Measurement Profile 1
- Stop of Profile 1
- Start of Profile 2
- Stop of Profile 2
- End of Measurement last Profile

Evaluation of data:

After taking the measurement for a survey, the EMFAD[®] - UG 12/4 can be turned off. The data collected remain in the data logger and can be evaluated and processed with the specialized software EMFAD[®] - SCAN at the site or later on. The data are transferred to computer via a serial interface RS-232. EMFAD[®] - SCAN enables the interpretation of the data as 2D- and 3D-views, modeling, documentation and printing. The handling of the program is very simple.



After preprocessing with EMFAD[®] -SCAN, the data can be further processed in other programs, which have the capability to import ASCII-files, for example SURFER from Golden Software (see left graphic) or MS-EXCEL and others. For the professional scope, all requirements can then be fulfilled with a meaningful documentation.

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