

## Project Information: **Geotechnics**

Your contact person: Mr. Michael H. Appel, Senior Geologist



For new construction projects we investigate the underground to find out the conditions of soil and the geological structures. Our report contents geotechnical classifications and values as a basis for further design.

### Project Examples:

#### **New Construct Physical Fitness Center, Warner Barracks Bamberg, 2001 - 2004**

USFE / Customer: German State Authorities, Bamberg

Investigations on an area of estimated 26.000 m<sup>2</sup> / 31.100 sq yards for building and parking lots, including installation of a groundwater well.



The project attending included the testing of nutrients and checking tests on the compaction of the underground.

Test Bay →

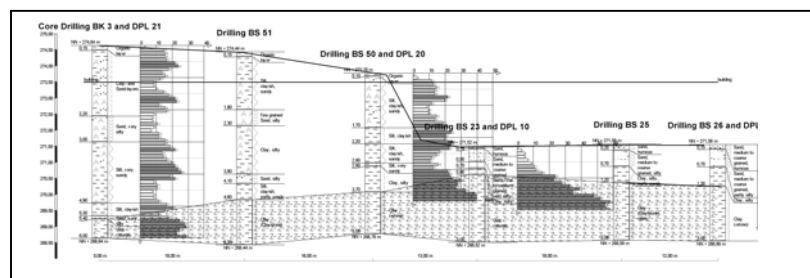


#### **New Construct Community Shopping Center, Warner Barracks Bamberg, 2002**

USFE / Customer: German State Authorities, Bamberg

A total area of estimated 41.000 m<sup>2</sup> / 49.000 sq yards was investigated for planned buildings, facilities and parking lots by 60 test borings, 6 core borings and several standard penetration tests.

A plan section showing the drilling results →



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**New Construct Autobahn Bridge A 3 Dettelbach, 2002**

Customer: Strabag AG Building Company, Austria

Executing soil and rock investigations in the scrolling track of the new bridge foundations →



**New Construct Autobahn A 71, 2003**

Customer: Slezak Building Company, Werne

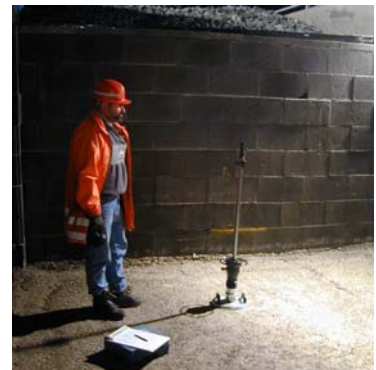
Checking soil compaction on foundation points of signal boards →



**New Construct Railway Bridges, 2003**

German Rail / Customer: Schmitt Building Company, Bergtheim

Supervising and checking the backfilling work of the bridge bearings day and night during a weekend.



**New Construct Access Control Point, Larson Barracks Kitzingen, 2003**

USFE / Customer: German State Authorities, Bamberg

(No pictures or plans can be shown of this project).

Beneath soil investigations in the new planning area, the material and the thickness of the existing paving has to be tested.

The drill core shows parts of an old paving stone beneath the asphalt covering →



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