



## CURRICULUM VITAE

### EDUCATION

#### October 1971 – July 1975

University Marburg, Marburg (Germany) and University Innsbruck, Innsbruck (Austria)

Diplom-Geologe (equivalent to M. Sc.) in Geology, Mineralogy, Palaeontology and Mineral and Oil and Gas deposits

- Vordiplom (Bachelor Degree) in April 1973
- Diplom (Master Degree) in July 1975

#### August 1977 – April 1979

University Marburg, Marburg (Germany) and US Geological Survey Dept. Denver Colorado (USA),  
Ph.D in Geology, Applied Exploration Geology and Palaeontology

### EXPERIENCE

#### 1975 – today

- More than 40 years of experience in exploration geology, hydrogeology and drilling technology
- Wide range of responsibilities in technical cooperation projects, project management, training, teaching and education, sales of drilling rigs and specially customized auxiliary equipment, consulting, key account management and business development as well as managing companies
- Working experience in more than 70 countries on all continents worldwide in completely different economic and cultural environments



## COMPETENCIES

- Exploration geology for anthracite and lignite, for diamonds and gold as well as for base-metals and semi-precious stones.
- Planning, designing and construction of piezometer- and water wells of any kind and to any depth.
- Planning, designing and construction of geothermal wells to exploit geothermal energy for heating and cooling low energy buildings up to campus size.
- Calculating, planning, preparing, organizing and executing drilling projects of whatever size, especially in countries and environments where no other drilling contractors are not capable to execute or do not want to go.

## PROFESSIONAL EXPERIENCE

Since Oct. 2016

**Consulting Engineer specialized in drilling technologies and any kind of well construction**

May 2012 – March 2016

**Global Business Development and Key Account Manager for BAUER Resources**

- Managing the global account of companies in the mining industry like De Beers, Debswana, Namdeb, BHP Billiton, Rio Tinto, Anglo Coal, Anglo Platinum, Newmont, Anglo Gold and other junior mining companies.
- Introducing new more modern and more economical exploration and deferred exploration techniques.
- Teaching and further educating clients' staff either in Germany, in their own countries or in the field during execution of exploration work.
- Managing the global accounts of International Oil & Gas Companies like Shell, Exxon-Mobil, Total and similar companies as far as their engagement in unconventional hydrothermal carbon deposits as there are: oil-shale, shale gas, coal-bed-methane and oil-sand deposits are concerned.
- Introducing mobile semi-automatic drilling rigs to cut costs for the exploration by more than 50% making the exploration more economical.



**May 2007 – May 2012**

**Director of the BRE Exploration & Mining Group of Companies**

- Coordinating the marketing worldwide for all the companies of BRE and support the management of the companies in project acquisition and project execution.
- Advising the BRE-management in company acquisitions by collecting relevant market information.
- Coordinating the project activities of sister companies within the BRE-group and PRAKLA Bohrtechnik GmbH in big international projects.
- Recruiting and employing key staff for the fast growing business worldwide using my existing personal network.

**August 2001 – April 2007**

**General Manager of GWE – Group of Companies (Pumpenboese/SBF Hagusta)**

- Structuring the GWE-organisation (merger between Pumpenboese and SBF-Hagusta) as far as:
  - national and international sales are concerned, the production of stainless steel, black steel, u-PVC and HDPE products, furthermore
  - serving the international key accounts of GWE and developing business opportunities in new markets,
  - coordinating business with international organisations like: GIZ, World Bank, European Development Bank, JICA, UNICEF and smaller private institutions,
  - initiating the design of new products promoting the full product range,
  - representing the group of companies of GWE in different national and international organisations.

**August 1988 – August 2001**

**General Manager of Celler Brunnenbau GmbH**

- Restructuring the operation of the company within Germany
- Initiating and structuring international drilling activities



- Advising the owners of the company to acquire companies in East Germany after the reunification
- Training the management and key personnel of the newly founded companies in East Germany
- Employing and educating a second management level to organize the growth of the group of companies
- Supporting the owners of Celler Brunnenbau to become the strongest and most diversified privately owned drilling contractor in Europe

#### **July 1984 – August 1988**

##### **Head of Overseas Drilling Department of PRAKLA SEISMOS GEOMECHANIK**

- Calculating, planning, preparing and executing a number of water well drilling and construction projects in the Sahel (Senegal, Gambia, Guinea, Bissau and Chad) together with GTZ (Saudi Sahel Project Phase 1 and 2)
- Managing the key accounts and the consulting agencies involved
- Recruiting and employing the necessary human resources like geologists, engineers and project managers for the projects
- Training and educating PRAKLA's and their clients' personnel

#### **January 1982 – June 1984**

##### **Exploration work and training of counter-part geologists and technicians in Ghana**

- Gold and diamond exploration work in Central Ghana with the BGR (Federal Institute of Geological Sciences and Natural Resources) in a joint venture with the Geological Survey Department of Ghana in Accra. Major with the targets:
  - Exploration of the Bibiani Range in the Ashanti region for gold and diamonds
  - Education of geologists and technicians in exploration and basic geological mapping
  - Evaluation of exploration results and recommendation for profitable mining



**May 1979 – December 1981**

**Sedimentologist in the Research Laboratory of German Texaco in Wietze**

- Sedimentological and diagenetical evaluation of oil and gas payzones of deposits in Germany, offshore North Sea, offshore Baltic Sea, Saudi-Arabia, Sudan, offshore Somalia and Angola
- Being on location to organize coring of pay zones, planning the logging and evaluating the reservoir

**August 1977 – April 1979**

**PHD-Thesis**

- Scientific research and writing the PHD-thesis at the University of Marburg and carrying out comparable studies at the Geological Survey in Denver/Colorado, USA

**September 1975 – July 1977**

**Basic mapping and exploration of base-metal-deposits in Sudan**

- Basic mapping, exploration of base-metals and training of Sudanese geologists in the field in a technical cooperation project between the BGR Germany and the Sudanese Geological Survey Department of Khartoum/Sudan

**TEACHING EXPERIENCE AND PUBLICATIONS**

**1986 to today**

**Lecturer at different Universities and Colleges**

- Topics:
  - Applied geology and hydrogeology
  - Exploration technologies and
  - Drilling technologies of any kind



DRILLING TECHNOLOGY GmbH  
BOHRTECHNIK

Prof. Dr. Reiner Homrighausen

**Author and co-author of more than 50 scientific and technical papers, as well as of feasibility studies**

**Co-author of scientific books and co-editor of monthly published journals in the field of hydrology, drilling and water well construction**