



Thomas Krassmann

Ph.D, M.Sc., EurGeol --- Competent / Qualified Person JORC, NI43-101, PERC

Consulting Economic Geologist

CV / Bio

December 2023

- Mineral Exploration
- Hydrogeology
- Target Generation
- Mine Consulting
- Due Diligence
- Artificial Wetlands
- Geothermal Potential

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Date and Place of Birth : 1961, November 6th in Kassel / Germany.

Marital Status : married, two children

Nationality : German

Driving License : since 1982, more than 1.200.000 km all terrain driving experience

Spoken Languages : German (native speaker), English (fluent), Spanish & Portuguese (basics)

Education & Academic Career :

1972 - 1981 : Pädagogium Otto Kuehne Highschool, Bonn - Bad Godesberg

1981 - 1987 : Geology & Mineralogy studies at Georg - August university, Göttingen, B.Sc. in Geology, and Paleontology with minors in Chemistry and Zoology

July 1987 : M.Sc. in Geology, Mineralogy and Engineering Geology. Thesis on formation of brown coal / lignite deposits in the Helmstedt area / Lower Saxony, Germany

1988 : Postgraduate M.Sc Course "Economic Geology" at Rhodes University / Grahamstown, Republic of South Africa

1989 - 1991 : Ph.D. at Institute for Ecochemistry / Kassel University on phosphate fixation & adsorption in artificial wetlands.

July 1991 : Ph.D. (engineering) examination with distinction



Professional Career :

1982 - 1988 : Various geological assignments during term vacations : Gold exploration in the central Alps for St. Joe Inc.(1982); Hydrogeology and engineering geology on the Gorleben shaft sinking project (1984); Hydrogeology and economic coal geology in Helmstedt area (1985); Evaluation of a tin exploration program at Uis mine, Namibia (1986); Geophysics at the Windisch Eschenbach KTB deep drilling site (1988); Field geologist at several gold exploration projects in Namibia with Goldfields of Namibia (1988).

1989 - 91 : Literature surveys about waste economy of Eastern Germany and waste site sealing systems for an engineering office in Witzenhausen. Tour guiding in Iceland and on the Maltese Islands..

1990 - 1993 : Lecturer (Geology, Biology, Chemistry, Waste site remediation, Ecology) for the Bundesverband Ökologie and the Haus der Technik in Potsdam, Annaberg – Buchholz, Altenberg, Erfurt and Rostock.

1992 - 1993 : Chief Geologist at AEW GmbH (Hannover) with various field projects such as waste site remediation, ecorisk and geohazard assessment, hydrogeology and engineering geology.

1993 : Start of work as independent consulting career as: HYDROBÜRO - Dr.- KRASSMANN in Rodenberg / Lower Saxony and since 2002 Bad Windsheim / Bavaria: Consulting work on about 200 different projects with emphasis on natural resources, mining and minerals, hydrogeology and waste water treatment, – **see separate list of references.**

2006 : Accreditation as consultant in the VerMat - Materialeffizienz Program

2007 : Accreditation as Eurogeologist : Competent / Qualified Person NI43-101 / JORC Standards

2011 - 2013 : „Flagship Project“ : Countrywide Assessment of the Mineral Potential and Mining Sector of the Sultanate of Oman, 12 months, 650 page report

2015 : Accreditation PERC Reporting

2018 : Membership GDMB

Affiliations and Memberships :

BDG – Berufsverband deutscher Geowissenschaftler

EFG – European Federation of Geologists

HFC / VdHK – German Speleological Association

VerMat – Accreditation

**GDMB – Gesellschaft der Metallhütten- und Bergleute /
Society of Metallurgists and Miners**

RDB – Ring Deutscher Bergingenieure / German Mining Engineers