CURRICULUM VITAE

Daniela B. Meier

School of Earth and Environment • The University of Leeds • Leeds LS2 9JT • United Kingdom Email: daniilam@gmx.ch • Skype: daniela.meier88

RESEARCH

I am very interested in the field of applied environmental geochemistry, particularly in relation to deep geothermal systems. I am particularly fascinated by problems related to rock-water interaction in the reservoir and the problem of mineral scale formation.

EDUCATION	
2010 - 2012	Junior Research Assistant, Rock Water Interaction Group, University of Bern (part-time)
	Research topic: Assistance in projects related to matrix pore water studies, fluid inclusions and CO ₂ sequestration
2010 - 2012	Master of Science in Earth Science, Institute of Geological Sciences, University of Bern (completion by June 2012) Specialisation in Environmental and Resource Geochemistry MSc-Thesis: Matrix pore water studies and the influence of stress
	release and the drilling process in crystalline rocks from Olkiluoto, Finland
	Supervisors: Prof. Larryn Diamond, Dr. Niklaus Waber, Dr. Florian Eichinger
2009 - 2010	Research Associate, Department of Applied Geology, Curtin University of Technology, Perth WA
	Research topic: Petrography and geochemistry of Archaean Banded Iron Formations (BIF) from the Pilbara, WA
2006 - 2009	Bachelor of Science in Earth Science , Institute of Geological Sciences, University of Bern
	BSc-Thesis: Anhydrite in borehole Basel 1 and its impact on the planned enhanced geothermal system (EGS)
	Supervisors: Prof. Larryn Diamond, Dr. Peter Alt-Epping
2002 - 2006	High School Bern-Neufeld

CURRICULUM VITAE Daniela B. Meier • Email: daniilam@gmx.ch

PUBLICATIONS

Eichinger, F., Meier, D. and Waber, H.N., in prep. Matrix pore water in Olkiluoto bedrock from drilling OL-KR54 and OL-KR55 - Chemical and isotopic characterisation and evaluation of contamination by drilling fluid. Posiva Working Report 2012-xx, Posiva Oy, Eurajoki, Finland.

Rasmussen, B., Meier, D.B., Krapez, B., 2012. Iron-rich Clay Microgranules in the Precursor Sediments to 2.5 Ga Banded Iron Formations. Manuscript submitted for publication.

Eichinger, F., Meier, D., Hämmerli, J., Diamond, L., 2011. Stable Isotope Signatures of Gases Liberated from Fluid Inclusions in Bedrock at Olkiluoto. Working Report 2010-88, Posiva Oy, Eurajoki, Finland.

ADDITIONAL SKILLS

Technical:	Sound knowledge of geochemistry, petrology and isotope geology
	Geochemical modelling (PHREEQC, FLOTRAN)
	Experienced in transmitted and reflected light microscopy
	Various analytical techniques including wet chemical analyses, microthermometry, SEM, XRD and XRF
	Various field mapping techniques and logging of drill cores

Languages: German (native language), English (very advanced language skills,

Cambridge Certificate of Proficiency CPE), French (good school knowledge)

Good PC user skills (Microsoft Office) Computer:

REFERENCES

Supervisor Institute of Geological Sciences, University of Bern

Prof. Larryn Diamond Baltzerstrasse 1+3

+41 31 631 87 83 3012 Bern diamond@geo.unibe.ch Switzerland

Supervisor Institute of Geological Sciences, University of Bern

Baltzerstrasse 1+3 Dr. Niklaus Waber

+41 31 631 85 20 3012 Bern waber@geo.unibe.ch Switzerland

Previous employer Dept. Of Applied Geology, Curtin University of Technology

Prof. Birger Rasmussen Kent Street +61 8 9266 9254 Bentley, WA 6102

B.Rasmussen@curtin.edu.au Australia