BEPROBTES GRUNDWASSER

Probe	Tiefe [m]	Geologie	Kontamination	Wassertyp	He STP [cc/g]	Ne STP [cc/g]	Ar STP [cc/g]	Kr STP [cc/g]	Xe STP [cc/g]	^{40}Ar / ^{36}Ar	^{3}He / ^{4}He x 10^{-7}
Luft (10°C, 0m)					4.650E-08	2.020E-07	3.860E-04	9.100E-08	1.320E-08	295.5	13.84
Erdmantel He											100-300
BEN-M2/1	379.9-394.8	Malm	ca 23%	Na-Cl-(SO4)	2.470E-04	2.380E-07	3.922E-04	7.440E-08	7.325E-09	319.7 ± 0.38	3.66 ± 0.005
BEN-M2/1 corr.	379.9-394.8	Malm	korr. 0%	Na-Cl-(SO4)	3.207E-04	2.564E-07	4.206E-04	7.681E-08	6.808E-09	325.3 ± 3.25	3.66 ± 0.005
BEN-K1	698.0-739.22	Keuper	<1%	Na-SO4-(Cl)	2.071E-04	2.152E-07	4.078E-04	8.809E-08	9.858E-09	306.4 ± 0.45	4.25 ± 0.009
BEN-MK2	813.0-826.01	Muschelkalk	<1%	Ca-Mg-SO4-(HCO3)	5.605E-07	2.963E-07	4.796E-04	1.102E-07	1.577E-08	296.2 ± 0.36	4.11 ± 0.008
BEN-B1	974.30-983.03	Buntsandstein	<1%	Na-HCO3-Cl-(SO4)	1.470E-04	2.771E-07	4.949E-04	1.164E-07	1.629E-08	300.2 ± 0.28	0.66 ± 0.002

BEPROBTES PORENWASSER

Probe	Tiefe [m]		Methode*	Wassertyp	Helium [Nml/g]	Argon [Nml/g]	^{40}Ar / ^{36}Ar
BEN-446.8	446.8	Malm	VE	Porenwasser	1.800E-04		299.4**
BEN-455.1	455.1	O. Dogger	VE	Porenwasser	1.880E-04	3.190E-04	329.1
BEN-485.6	485.6	O. Dogger	VE	Porenwasser	1.740E-04	4.610E-04	330.5
BEN-485.6	485.6	O. Dogger	VE	Porenwasser	1.940E-04		307.7**
BEN-519.3	519.3	O. Dogger	VE	Porenwasser	1.950E-04	3.740E-04	334.5
BEN-614.2	614.2	U. Dogger	VE	Porenwasser	1.910E-04	4.000E-04	339
BEN-664.3	664.3	Lias	VE	Porenwasser		4.220E-04	317
BEN-698.1	698.1	Keuper	VE	Porenwasser	1.400E-04	3.870E-04	301
BEN-703.0	703.0	Keuper	VE	Porenwasser	1.880E-04	3.080E-04	305
BEN-743.3	743.3	Keuper	VE	Porenwasser	1.860E-04	3.130E-04	352.2

* = Vakuum-Extraktion

** = Argon Verhältnis erniedrigt durch Luftkontamination