

Table S1 Minor and trace elements in groundwater and Goldshmit classification of elements

samples	Litophile elements	Chalcophile elements	Siderophile elements
Sijb,Siji, Tul1, Tul2, Kurb, Vici, Suva Vicb	Si, F, B, Li, Rb, Sr, Sc, Cr Be, Mn, Ba, Cs; occasionaly: W, I, Al, Zr, Y, V, U, Nb	As, Cu; occasionaly: Ge, Se, Te, Tl	Fe
Prol	Si, F, B, Li, Rb, Sr, Sc, Cr, Cs, U	As	Fe
Ploc	Si, F, B, Li, Rb, Sr, Sc, Cr, Al, Ba, Cs, I, Mn	Ge, Cu, Se	Fe
Djavv	Si, F, B, Li, Rb, Sr, Sc, Cr, Al, Be, Cd, Mn, Th, V, Y, U, REE	Ge, As, Cu, Se, Ga, Pb, Zn, In	Fe, Co, Ni, Re

Table S2 Pearson's coefficient

[illegible]