

Table 1. Sample ID, sample localities, endmember ratios as calculated from EMP analyses, genetic type and IR spectroscopically determined water concentrations.

Sample ID	Locality	Endmember ratio (mol %)	W,Nb,Ta (apfu)	Genetic type	H ₂ O I (wt.ppm)	H ₂ O II (wt.ppm)	H ₂ O tot (wt.ppm)
#1318	Neudorf, Harz, Germany	Fb ₃₇ Hb ₆₃ H _{z0}	W _{0.98} Nb _{0.019} Ta _{0.000}	Vein	138	232	370
#5735	Los Bonderos, Argentina	Fb ₃₈ Hb ₆₂ H _{z0}	W _{0.99} Nb _{0.004} Ta _{0.001}	Vein breccias	81	91	172
#5725	Horní Slavkov, Czech Rep.	Fb ₃₉ Hb ₆₁ H _{z0}	W _{0.98} Nb _{0.027} Ta _{0.002}	Greisen	207	86	293
#5737	Tirpersdorf, Sachsen, Germany	Fb ₈₆ Hb ₁₂ H _{z2}	W _{0.99} Nb _{0.002} Ta _{0.000}	Greisen	33	57	90
#5721	San Juan, Colorado, USA	Fb ₃ Hb ₉₇ H _{z0}	W _{0.99} Nb _{0.002} Ta _{0.000}	Vein	73	67	140
#1345	Nevada, USA	Fb ₀ Hb ₁₀₀ H _{z0}	W _{0.99} Nb _{0.000} Ta _{0.000}	Vein	51	35	86
#797	Andreasberg, Harz, Germany	Fb ₇₅ Hb ₂₅ H _{z0}	W _{0.97} Nb _{0.021} Ta _{0.002}	Vein	160	288	448
#5730	Cínovec, Czech Rep.	Fb ₃₇ Hb ₆₃ H _{z0}	W _{0.97} Nb _{0.033} Ta _{0.003}	Greisen	233	189	422
CET	Cetoraz, Czech Rep.	Fb ₇₇ Hb ₁₉ H _{z4}	W _{0.99} Nb _{0.008} Ta _{0.000}	Metagreisen	53	136	188
OLH	Ovesná Lhota, Czech Rep.	Fb ₇₈ Hb ₁₉ H _{z3}	W _{1.000} Nb _{0.000} Ta _{0.000}	Metagreisen	47	27	74
#12767	Krantzberg mine, Usakos, Namibia	Fb ₉₂ Hb ₈ H _{z0}	W _{0.99} Nb _{0.007} Ta _{0.000}	Pegmatite	32	173	205