

Water speciation in rhyolitic melt determined by in-situ infrared spectroscopy, by John R. Sowerby and Hans Keppler (v. 84, nos. 11–12, 1843–1849, 1999).

Due to an error in the preparation of the manuscript, the values for the entropy of the speciation reaction were incorrectly reported.

The abstract should read: $\ln k = -36.74/T - 2.64$ for the glass phase (giving enthalpy and entropy of reaction values of $\Delta H = 0.31$ kJ/mol and $\Delta S = -21.92$ J/mol-K), and $\ln k = -3821.83/T + 3.00$ for the melt phase (where $\Delta H = 31.78$ kJ/mol and $\Delta S = 24.94$ J/mol-K respectively).

The y axes for Figures 8 and 9 should be shifted upward by 1.4 units.

In the caption for Figure 8, the equations should read $\ln k = -3821.83/T + 3.00$ and $\ln k = -36.74/T - 2.64$ respectively.

Table 4 is reproduced below with the correct values.

The authors apologize for the error. The main conclusions of the paper are not affected by these corrections. *The authors would like to thank Marcus Nowak for pointing out the inconsistencies in the original manuscript.*

TABLE 4. Values for ΔH and ΔS obtained for melts from three high pressure and four room pressure experiments

wt% total water	ΔH kJ/mol	ΔS , J/(mol-K)
11.21*	27.60	24.75
8.08 †	27.61	17.81
7.83 ‡	27.91	19.39
3.93 §	31.78	21.92
3.08 §	30.58	23.52
2.05 §	27.40	20.33
1.00 §	30.59	21.03

* Pressure = 10 kbars.

† Pressure = 4.5 kbars.

‡ Pressure = 5 kbars.

§ Room pressure experiment.