

**Magma mixing and exsolution phenomena in peralkaline rhyolites: insights from the
Gold Flat Tuff, Nevada**

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Line	Account	Debit	Credit	Balance
1	1000			
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98	1000			
99	1000			
100	1000			

Supplementary Table 1b. Compositions of glass in sample GF1

Anal. No.	25	35	37	38	40	45	46
SiO ₂	63.14	66.00	66.30	61.80	69.38	62.63	63.79
TiO ₂	0.15	0.59	0.47	0.17	0.21	0.68	0.57
Al ₂ O ₃	15.85	16.31	15.42	16.33	16.59	17.27	17.18
FeO*	1.74	3.19	3.37	1.28	1.41	1.96	1.90
MgO	2.29	0.57	0.33	1.61	bd	0.62	0.26
CaO	1.63	1.66	0.84	1.04	0.31	1.12	0.53
Na ₂ O	4.60	6.46	6.47	4.68	6.23	5.51	3.03
K ₂ O	5.10	4.21	6.13	5.32	6.40	5.55	10.43
P ₂ O ₅	0.14	0.16	0.10	bd	bd	0.11	bd
Total	94.64	99.15	99.43	92.23	100.53	95.45	97.69

FeO*, all Fe as Fe²⁺. bd, below detection. See Supplementary Material for details.