

Location	Sample	S (ppm)	$\delta^{34}\text{S}$ (‰)		$\Delta^{33}\text{S}$ (‰)				$\Delta^{36}\text{S}$ (‰)				$\mu^{182}\text{W}$		${}^3\text{He}/{}^4\text{He}$ (R _A)			${}^{206}\text{Pb}/{}^{204}\text{Pb}$		
		†	‡	†	‡	†	‡	†	2 SE	2 SD	2 SD	2 SD	†	‡	†	‡	2 SD			
Samoa																				
Vailulu'u	AVON3-63-2	809	1.23	0.028	0.3	0.019	0.010	0.016	-0.47	0.02	0.3	-4.9	2.1	a	10.062	0.1	c	19.358	0.0009	c
	AVON3-70-9	201	2.30	0.015	0.3	0.027	0.012	0.016	-0.22	0.03	0.3	-5.8	5.2	a	8.05	0.2	d	19.396	0.0002	c
	AVON3-71-22	603	2.09	0.005	0.3	0.009	0.006	0.008	0.08	0.03	0.3	-2.8	4	a	9.64	0.2	d	19.358	0.0001	d
	AVON3-73-1	214	1.88	0.003	0.3	0.01	0.004	0.008	-0.02	0.02	0.3	-7.7	3.8	a	8.1	0.2	d	19.300	0.0097	c
Malumalu	AVON 3-77-1	393	1.97	0.007	0.30	0.004	0.006	0.008	-0.01	0.02	0.30	-7.45	4 ^{††}	a	13.45	0.2	d	19.268	0.00015	c
Ofu	OFU-04-15	64	4.23	0.009	0.3	0.001	0.004	0.008	0.22	0.07	0.3	-13.7	4	e	29.64	0.4	b	19.1410	0.00095	b
	OFU-05-18**	29	1.08	0.015	0.3	-0.004	0.004	0.008	0.13	0.03	0.3	-13.8	3.3	a	33.727	0.4	b	19.189	0.00095	b

† Reproducibility (2 Standard Error) determined using a monte-carlo error propagation that takes into account the in-run precision on measurements of IAEA-S1 during the analytical session and the sample.

‡ Estimated uncertainty from long-term reproducibility on standard materials

†† The reported $\mu^{182}\text{W}$ composition reported is an average of two analyses from Mundl et al. (2017). The error reported here and shown in figure 2 and 3 is the long-term external reproducibility reported in Mundl et al. (2017).

(a) (Mundl et al., 2017), (b) (Jackson et al., 2007), (c) (Jackson et al., 2014), (d) (Workman et al., 2004), (e) (Horan et al., 2018) ^{††}Average composition of two analyses of same sample by Mundl et al., (2017). **Note that Ofu-05-18 is a resampling of the same dike as sample Ofu-04-06 in Jackson et al. (2007).