

Erratum: Louisville seamount subduction and its implication on mantle flow beneath the central Tonga–Kermadec arc

Christian Timm, Daniel Bassett, Ian J. Graham, Matthew I. Leybourne, Cornel E.J. de Ronde, Jon Woodhead, Daniel Layton-Matthews & Anthony B. Watts

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Table 1 was inadvertently omitted during the production of this Article, and should have been referred to in the fourth paragraph of the ‘Geological and geochemical background’ section of the Results, as follows: ‘Sr and Pb isotopic compositions of lavas from ‘U’, ‘V’, Monowai and Ata are generally more radiogenic than Pacific and Indian MORB (Table 1, Fig. 3)^{12,32,33}, but their Nd isotopic compositions fall within the MORB range³⁴.’ Table 1 appears below.

Table 1 | Sr–Nd–Pb isotope ratios of lavas from ‘U’ and ‘V’ volcanic centres.

Sample number	Volcanic centre	Rock type	Sample location (latitude)	Sample location (longitude)	Water depth (mbsl)	⁸⁷ Sr/ ⁸⁶ Sr	¹⁴³ Nd/ ¹⁴⁴ Nd	²⁰⁶ Pb/ ²⁰⁴ Pb	²⁰⁷ Pb/ ²⁰⁴ Pb	²⁰⁸ Pb/ ²⁰⁴ Pb
P72339	U	Basalt	25.45°S	177.10°W	329	0.703522	0.513050	18.791	15.568	38.419
P72341	U	Basalt	25.45°S	177.10°W	329	0.703601	0.513056	18.702	15.567	38.329
P72352	U	Dacite	25.45°S	177.13°W	386	0.703767	0.513067	18.861	15.572	38.513
P72345	U	Basalt	25.43°S	177.11°W	360	0.703579	0.513066	18.806	15.567	38.419
P72348	U	Andesite	25.43°S	177.11°W	360	0.703549	0.513081	18.819	15.568	38.436
P72204	V	Basalt	25.16°S	177.06°W	1,010	0.703504	0.513070	19.005	15.579	38.673
P72178	V	Basaltic andesite	25.23°S	177.05°W	639	0.703572	0.513041	18.942	15.574	38.599
P72190	V	Andesite	25.19°S	177.07°W	859	0.703671	0.513080	18.989	15.583	38.668
P72196	V	Dacite	25.19°S	177.06°W	890	0.703665	0.513070	18.994	15.586	38.677
P72193	V	Basaltic andesite	25.19°S	177.06°W	890	0.703673	0.513065	18.976	15.577	38.640