Effective separation of zinc from geological samples for high-precision zinc isotope measurement using MC-ICP-MS

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Table S1 Ti and Zn content, and Ti/Zn ratio for samples

Sample name	Sample type	Zn (μg/g)	Ti (μg/g)	Ti/Zn ratio
GSR-1	Granodiorite	28	1720	62.3
GSR-2	Andesite	71	3090	43.5
GSR-3	Basalt	150	14200	94.7
GSR-10	Gabbro	118	46089	390.6
BHVO-2	Basalt	104	16362	157.7
GSP-2	Granodiorite	120	4149	34.6
NOD-A-1	Manganese nodule	590	3176	5.4
AGV-2	Andesite	86	6293	73.2
JB-2	Basalt	108	7132	66.0
JP-1	Peridotite	45	36	0.8

Table S2 Zn recovery for samples or standard solution processing by two procedures

Sample name	Sample type	Procedure A (%)	Procedure B (%)
GSR-1 (1000 ng)	Granodiorite	97.5	98.1
BHVO-2 (1000 ng)	Basalt	97.7	98.2
JB-2 (1000 ng)	Basalt	98.2	98.7
JP-1 (1000 ng)	Peridotite	96.6	97.6
NIST 3168a (600 ng)	standard solution	98.6	
NIST 3168a (1000 ng)	standard solution	97.7	
NIST 3168a (1500 ng)	standard solution	97.8	
NIST 3168a (2000 ng)	standard solution	98.3	