

Table 2. Recoveries of pTM for certified reference materials (BCR-414 plankton and PACs-2 sediment). N/A indicate elements for which a certified number is not available. Recoveries are shown in percentage relative to certified values or informational values. Uncertainties for all recovered values are ± 1 SD, if available. Note that measured Ti recoveries in BCR-414 (*) are quite different from 100%, but they agree well with those previously reported by Ohnemus et al. (2014), indicating a possible error in the informational value. The mean relative recovery for BCR-414 was calculated excluding Ti.

	BCR-414		PACS-2	
	relative recovery (%)	number in average	relative recovery (%)	number in average
Ag	N/A	13	94 \pm 4	13
Al	113 \pm 7	13	93 \pm 6	13
Ba	137 \pm 8	13	123 \pm 9	13
Cd	109 \pm 11	13	104 \pm 12	13
Co	113 \pm 8	13	94 \pm 4	13
Cu	113 \pm 5	13	96 \pm 4	13
Fe	112 \pm 8	13	89 \pm 5	13
Mn	107 \pm 5	13	95 \pm 4	13
Mo	130 \pm 6	13	94 \pm 4	13
Nd	N/A	13	107 \pm 5	13
Ni	121 \pm 28	13	91 \pm 6	13
P	86 \pm 5	13	109 \pm 4	13
Pb	116 \pm 20	13	95 \pm 8	13
Sc	108 \pm 8	13	96 \pm 6	13
Th	N/A		84 \pm 9	
Ti	268 \pm 13*	13	81 \pm 6	13
V	131 \pm 9	13	99 \pm 7	13
Zn	121 \pm 18	13	95 \pm 4	13
Mean	116 \pm 7	/	98 \pm 2	/