Chikyu-Oman 2018, Phase 2 Leg 3
additional sampling (shipboard samples)

Oman Drilling Project
CM site drilling operations, sampling every 10 m along cores (on-site samples)

Saw marks and alteration blemishes removed
Samples ultrasonicated in deionized water
Crushing and milling (University of Southampton)

Chikyu-Oman 2018 Phase 2 Leg 3, additional sampling (shipboard samples)

Saw marks and alteration blemishes removed
Samples ultrasonicated in deionized water
Crushing and milling (grain size < 25 µm)
Second step milling (grain size < 25 µm)

PPP (38 mm in diameter)
XRF analyses for major and minor elements

PPP (38 mm in diameter)
XRF analyses for major and minor elements

Fine-grained PPP (18 mm in diameter)
LA-ICP-MS analyses for (ultra-)trace elements

ICP-MS replicate solution analyses in shore-based laboratories for (ultra-)trace elements

Sections 2.2 (method), 3.1.1 (results for standards)
Sections 2.3 (method), 3.1.2 (standards), 3.2 (OmanDP samples)
Sections 2.4 (method), 3.2 (OmanDP sample replicates)