

[Supplementary material]

Beyond exotic goods: Wari elites and regional interaction in the Andes during the Middle Horizon (AD 600–1000)

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X-ray diffraction for material characterisation

X-ray diffraction analysis on a previously unidentified sample from Conchopata was conducted at the South Dakota Geological Survey (SDGS). The powdered sample was run on a Scintag PADV Diffraction System using Cu K-alpha radiation at 40kV and 30mA, with fixed slit widths of 4, 2, 0.5 and 0.2mm. Data were scanned from 5° to 70° two-theta with a count time of 2.4 seconds/step. A high-purity solid-state (liquid nitrogen cooled) germanium detector was used. Data collection and interpretation were used with Scintag software. Observed peak positions were matched against the International Centre for Diffraction Data (ICDD) Joint Committee of Powder Diffraction System (JCPDS) card database (PDF2, release 2001). The sample was also analysed qualitatively for elemental composition by portable X-ray fluorescence spectrometer using a Bruker Tracer III-SD.