## Welcome to Pofatu\*

\*Proto-Polynesian for “stone”

An open-access database for geochemical sourcing of archaeological materials.

Geochemical fingerprinting artefacts and sources has proven to be the most effective way to use material evidence to reconstruct raw material procurement practices, intra- and inter-community interactions, and mobility patterns among past societies.

The popularity of geochemical sourcing has led to a large number of projects using various analytical techniques to produce independent datasets. In order to facilitate access to this growing body of data and to promote comparability and reproducibility in provenance studies, we designed *Pofatu*, the first online and open-access database presenting geochemical compositions and contextual information for archaeological sources and artefacts.

The data repository includes a compilation of geochemical data and supporting analytical metadata, as well as the archaeological provenance and context for each sample. Our curated dataset can be navigated and downloaded on this platform or accessed from **\*\*\*Zenodo\*\*\***.

While most prehistoric quarries and archaeological sources of raw materials have yet to be identified, provenance studies must also rely on wide and reliable contextual data. For this reason, we advise *Pofatu* users to also consult other open-access repositories focusing specifically on geological samples, such as[GeoRoc](http://georoc.mpch-mainz.gwdg.de/georoc/) and[EarthChem](http://www.earthchem.org).