**Supplementary Table 1. Summary of some of the data quality controls implemented on site recording forms.**

|  |  |  |
| --- | --- | --- |
| **Control** | **Variable** | **Purpose** |
| An alert pops up on the screen if the user attempts to proceed without choosing an option dropdown menu | Recorder | Associates each site with its recorder and allow identification of systematic recording bias and errors. |
| Site type | Ensures that a standardised classification scheme is used for every site and disables fields irrelevant to the selected site type (for example if ‘artefact scatter’ is chosen then the fields for collecting quarry data are disabled). |
| An alert pops up on the screen if the user attempts to proceed without entering valid data | Site dimensions Total number of artefacts  Visual estimate of artefacts | Ensures that these variables are captured for all sites, that recorded sites conform to the project’s definitions, and that they are reasonable values (i.e. not improbably small or large). Visual estimates were recorded for sites were total counts were impractical. |
| Artefact density | Ensures that a valid artefact density measurement has been entered in one of the three fields (for example by dividing the total number of artefacts by the product of the site dimensions) |
| Raw material percentages | Ensures that the sum of raw materials present at the site equals exactly 100% |