XRD ChikyuOman Leg4

Organization of Supplementary Data

The XRD data acquired from samples from Holes BA1B, BA3A and BA4A during ChikyuOman Leg4 is organized as follows for each Hole (one file per sample in each folder):

FILE **Summary\_XRD\_Results\_NAME OF HOLE.xlsx** : List of samples, depth, and interpretation

-FOLDER 1\_RAW : Unprocessed raw data files (includes instrument parameters) formatted as \*.csv (CSV FOLDER) and \* .xrdml (XRDML FOLDER)

-FOLDER 2\_PROCESSED : XRD data with background subtracted formatted as text files (\*.ASC in ASCII FOLDER) and as \*.HPF files (HPF folder)

-FOLDER 3\_JPEG : Images of background-subracted diffractograms with mineral peaks identified

-FOLDER 4\_SUMMARY : A single file for each sample containing: 1) Image of the core where the sample was taken; 2) Image of background-subracted diffractograms with mineral peaks identified; and 3) list of mineral IDs for each sample