

Description of Additional Supplementary Files for

**Phasing and climate forcing potential of the Millennium Eruption of Mt. Baekdu**

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**File Name:** [Supplementary Data 1]

**Description:** WDS and EDS measurement results of the tephra shards found in NGRIP1 ice core samples

**File Name:** [Supplementary Data 2]

**Description:** Liquid conductivity of the NGRIP1

**File Name:** [Supplementary Data 3]

**Description:** Particle concentrations of the NGRIP1

**File Name:** [Supplementary Data 4]

**Description:** Ion concentrations of the NGRIP1

**File Name:** [Supplementary Data 5]

**Description:** WDS measurement results of the secondary glass standards