

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: U-Th-Pb isotope data for terrestrial igneous zircons

File Name: Supplementary Data 2

Description: U-Th-Pb isotope data for Hadean zircons from Western Australia

File Name: Supplementary Data 3

Description: U-Th-Pb isotope data for lunar zircons

File Name: Supplementary Data 4

Description: U-Th-Pb isotope data for Martian zircons

File Name: Supplementary Data 5

Description: Model details and results for zircon Z2