

## **Description of Additional Supplementary Information**

File Name: Supplementary Data 1

Description: Total CO2 draw-down for alkaline materials: Mineral Carbonation

File Name: Supplementary Data 2

Description: Total CO2 draw-down for alkaline materials: Enhanced Weathering

File Name: Supplementary Data 3

Description: Aluminium and red mud production

File Name: Supplementary Data 4

Description: Cement and by-products production

File Name: Supplementary Data 5

Description: Biomass, coal and ash production

File Name: Supplementary Data 6

Description: Steel and slag production

File Name: Supplementary Data 7

Description: Lime production

File Name: Supplementary Data 8

Description: Nickel and nickel tailings production

File Name: Supplementary Data 9

Description: PGM and PGM tailings production