SUPPLEMENTARY INFORMATION FILE(S)

The datasets generated during and/or analyzed during the current study and other supplementary materials are available for download from the Energy Data eXchange (EDX), the U.S. Department of Energy (DOE)/Fossil Energy's (FECM) virtual library and data laboratory, via the weblink: https://edx.netl.doe.gov/dataset/urc-assessment-method-publication-supplementary-files. The Supplementary Information files contain the following resources:

Online Resource 1 (ESM_1.zip): REE enrichment process flowcharts for three types of enrichment (Primary, Secondary-Meteoric, and Secondary-Hydrothermal).

Online Resource 2 (ESM_2.zip): Table of data and queries organized to integrate and develop the URC assessment databases and results for the Powder River Basin test case.

Online Resource 3 (ESM_3.zip): Processed URC assessment data developed for the Powder River Basin use case. Contains: Data Availability (DA) & Data Supporting (DS) databases in vector and raster formats with ReadMe file. Geologic domain spatial data used to apply the URC assessment method. Spatially Integrated Multivariate Probabilistic Assessment (SIMPA) software configuration file (.sijn) used to develop the fuzzy logic-based PE score map results. EDX link to SIMPA tool contained within file. Input data to run analyses are contained within the DS raster database.

Online Resource 4 (ESM_4.zip): URC assessment method results for the Powder River Basin use case. Contains spatial data representing Data Availability (DA) maps, Potential Enrichment (PE) Score maps, and PE confidence grids. Additionally, contains an ArcGIS Pro layer package for symbolization and visualization purposes.

Online Resource 5 (ESM_5.zip): Link to interactive 3D map of the Maximum PE Score with confidence grid (visualized by height) results for the Powder River Basin test case.