

Data submission name: LLNL 5-2428 Utah FORGE X-ray Diffraction (XRD) raw data from 4 depths, well 16A.

Description: This dataset consists of four raw XRD scans in RAW file format (e.g., FORGE-5477-full.raw). These files are suitable for viewing and analysis using open-source quantitative XRD software (e.g., Profex; www.profex-xrd.org) and/or other proprietary instrument software. Additional scan and method information, as well as preliminary results of quantitative XRD (q-XRD) analysis, are contained in the **XRD_LLNL_2023_FORGE_5_2428.docx** file.

Keywords: geothermal; energy, FORGE; mineralogy; X-Ray Diffraction (XRD)

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DOE Project Info: 5-2428 Coupled Investigation of Fracture Permeability Impact on Reservoir Stress and Seismic Slip Behavior