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Synchrotron XRD investigation of temperature-A (sub H2O) -time resolved dehydration of metatorbernite

Author(s): Elbert, David C. (Johns Hopkins University, Department of Earth and Planetary Sciences, Baltimore, MD, United States): Bereston, Margaux; Brenner, Dana C.; Stubbs, Joanne E.; Eng, Peter J.; Veolen, David R. Source: Abstracts with Programs - Geological Society of America. "2015, Vol. 47, Issue 7, pp. 271 Publisher: Geological Society of America (GSA): Boulder, CO, United States Publication Type: Serial Conference Abstract Only Additional Information Monograph Title: Geological Society of America, 2015 annual meeting & exposition. Anonymous Publication Information: United States Physical Description: 1 p. 271 Conference: Geological Society of America, 2015 annual meeting & exposition. Baltimore, MD, United States, Nov. 1-4, 2015 Language: English Subject Terms: (2/2)Environmental geology; (010)Mineralogy of non-ellicates Abstract: With no U-contaminated soils has highlighted the importance of autunite group minerals in groundwater zones of several DOE sides and weathered one deposition. Autunite group minerals in groundwater zones of several DOE sides and weathered one deposition. Autunite group minerals in groundwater zones of several DOE sides and weathered one deposition. Autunite group minerals in groundwater zones of several DOE sides and weathered one deposition. Autunite group minerals in contaminated actions. An important characteristic of autunite-group minerals is a series of complex transitions in hydration state. In still, spranchiston Area years and programment of the day of the series of complex transitions in hydration state. In still, spranchiston Area years and the series of complex transitions in hydration state. In still, spranchiston Area years and programmately 8.7 Au using continuous heating produces lower hydrate phases with approximately 8.3 Au pains goot introduces and manual gas mixing. Under dry conditions, transition to the 8.3 As pabase across a range of elatione humidity. Retore humidity, More dealed humidity, Retore the ministry files and produces to the propos	dehydration of metatorbernite
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