

Evaporite Karst in the Holbrook Basin, Arizona, a Factor in Site Characterization for Further Storage or Development

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Introduction

The Holbrook Basin, Arizona, contains one of the largest and best developed concentrations of evaporite karst in the United States. Because the salt deposit is strategically located along major interstate rail and highway routes, an LPG storage facility with 11 small caverns was constructed in the early 1970's at Adamana, in northeast Arizona. This area represents a good example of site characterization needs in an evaporite body that has nearby dissolution features, e. g., active karst.¹

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