

# BULLETIN

News from SubTerra, Inc.®

## *Evaluation of Utah's Building, Landscape and Decorative Stone Industry State of Utah*

**SubTerra, Inc.** worked under contract to the US Bureau of Land Management to inventory and evaluate the building, landscape and decorative stone industry in the State of Utah.

The study scope of work required the development of a Self Contained Evaluation Report and the collection of quarry and market data to support that report. Building stone and landscape rock types included:

- Structural building stone used for the construction of buildings and walls.
- Decorative flagstone used for fascia veneer.



- Landscape rock including; quartzite, sandstone, granite, etc.
- Boulders composed of granite, quartzite, gneiss, sandstone, etc.

The Evaluation Report included rock products by mining operation, including:

- Categorizing mine sites according to the type of commodity produced

- Providing material information specific to the deposit including: bedding thickness; overburden; fractures; color variability; cleavage; composition; texture; average dimensions of individual stones; durability; uniform thickness; and coverage (ft<sup>2</sup> per ton).



- Listing how each type of rock was marketed and sold at the landscape yards.

A mining and economic analysis was provided to support the conclusions about each property concerning economic properties of the building stone and decorative rock deposit. Mining costs were developed based on the physical characteristics of the deposit, production rate, geology, rock quality and marketing. Mining operation descriptions were developed based on the collected data and professional judgment.

An interactive, access database was provided making all information available via applets embedded in a State Map.