

# Searchlight Exploration

## PROPERTY ABSTRACT SUMMARY SHEET KEY INFORMATION

1. **PROPERTY NAME:** Grand Gulch Property
2. **PROPERTY STATUS:** Available for joint venture, lease or sale
3. **COMMODITIES:** Copper, silver, lead, vanadium, uranium.
4. **LOCATION:** COUNTRY USA; STATE Arizona, COUNTY Mohave  
SECTION(s): 21 and 22 TOWNSHIP: 34 North RANGE: 14 West  
BASE and MERIDIAN: Gila and Salt River Base and Meridian
5. **NUMBER OF FEDERAL CLAIMS**  
LODE: 1 – patented Adams claim (Mineral Survey No. 215)  
PLACER: 0  
MILLSITES: 0  
TOTAL ACREAGE OF PROPERTY: Approximately 20 acres  
CLAIM GROUPS OWNED OR CONTROLLED BY SEARCHLIGHT  
Adams patented mining claim
6. **NUMBER OF STATE CLAIMS:**  
PROSPECTING PERMITS: None needed  
MINERAL LEASES: None Needed
7. **TYPES OF WORKINGS:** Main shaft, raises, winze, glory hole, 3 levels:  
50', 85' and 100' .
8. **RESERVES:**  
PROVEN: None at this time  
PROBABLE: None at this time  
INFERRED: None at this time
9. **GEOLOGY :** The Grand Gulch Mine is located on the Colorado plateau of Arizona to the north of the Grand Canyon in the Parashant National Monument. It is a breccia pipe copper deposit. The pipe is collared in the upper part of the Pennsylvanian Redwall Limestone, or the lower Supai Group. The pipe is approximately 300' in diameter and its annulus dips away from the center of the pipe at about 15 to 25 feet of

horizontal displacement per 100 feet of depth. Regionally, ore solutions are thought to have moved through the Supai Group from north to south. Major ore concentrations tend to occur on the NE sides of pipes, and this is the case at Grand Gulch. The copper ore is in the form of the carbonates azurite and malachite, which are hosted by limestones and sandstones. The high grade (up to 15% copper) occurred in vertical chimneys and sub horizontal pods. Only the richest ore was mined historically.

- 10. DATE OF EXAMINATION:** Ongoing by Searchlight Exploration.
- 11. POTENTIAL** There are two opportunities at Grand Gulch. The first is to prove out and mine the remaining high grade copper resource. The second opportunity is to explore for uranium at depth. A number of Arizona's major uranium producers had copper on top and uranium at depth, most notably the Orphan Boy. There are numerous uranium bearing breccia pipes on the Colorado plateau. However, a majority of them are on public lands within national parks or national monuments, or on tribal lands, and thus are not open to mining. Grand Gulch is on private land and thus open to mining, with vehicular access by dirt road. Relatively recent geological work has also been done on the property and is available.

**FOR MORE INFORMATION CONTACT** [info@mcintyrebaumangroup.com](mailto:info@mcintyrebaumangroup.com) or call (702) 533-8372.