



# Abandoned Mine Reclamation Program PROJECT SUMMARY

## YELLOW CAT PROJECT

### Grand County, Utah

AMR/019/903

#### Project Location and Background

The Yellow Cat Project was an abandoned uranium mine project located in Grand County, Utah approximately 45 miles northeast of Moab and approximately 2 miles north of Arches National Park.

Carnotite mining in the Yellow Cat Mining District began in the early 1900's. Claims were filed for the Telluride mines in 1911, and by 1917 these mines were being worked by the Vanadium Ores Mining and Milling Company. The Little Pittsburg, Memphis, and Mollie Hogans claims were filed in 1915, and these mines were operated by the Pittsburgh Radium Company. The Pittsburgh Radium Company also filed the Parco claims early in 1922s.



**Above: Native Stone Wall Closure**

**Top Right: Equipment Backfill of an Adit  
Bottom Right: Pinned Rebar Shaft Grate**

The AMRP in the Division of Oil, Gas and Mining, Utah Department of Natural Resources, was created in 1983 to address physical safety hazards associated with abandoned mines as authorized by the Surface Mining Reclamation and Control Act (SMCRA) of 1977. The Program is funded by The Utah Coal Producers who pay an abandoned mine reclamation fee to the Office of Surface Mining (OSM) on each ton of coal mined in Utah.

**Owner: BLM, SITLA, Patented Claimants  
General Contractor: E.T. Technologies, Inc.  
AMRP Project Manager: Tony Gallegos  
Funding: OSM Grant**



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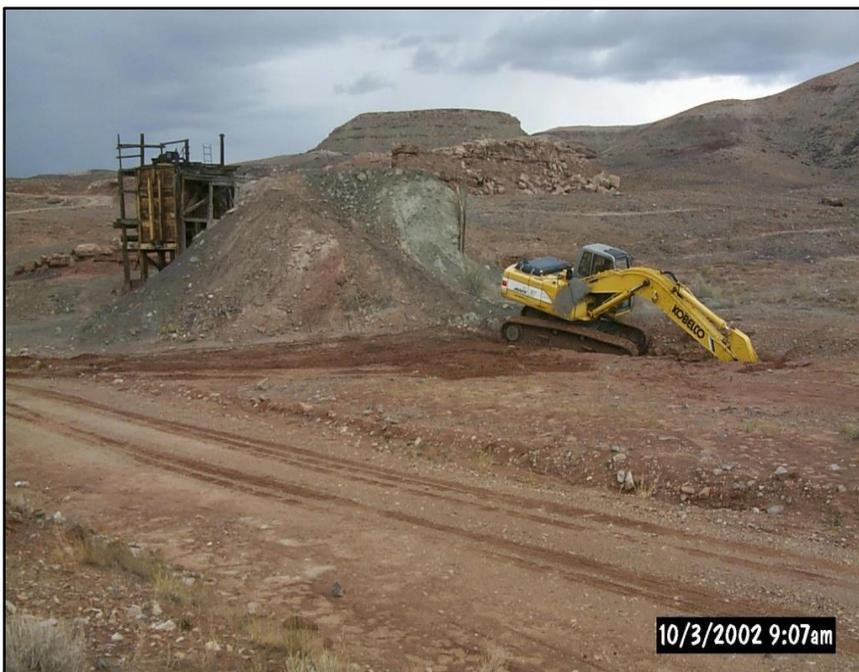
## Yellow Cat Project -- Construction 2002

Inventory for the project was performed by the AMRP first in 1984 and again in 2000. The cultural survey was completed by Lone Mountain Archaeological Services. The bat survey was completed by Southern Utah University. The paleontological survey was completed by the Utah Geological Survey State Paleontologist. The cultural mitigation was completed by Bennett Management Services, LLC

In 1998, the Grand County Historical Preservation Commission listed the Yellow Cat Mining District in the Grand County Register of Historic Places. The cultural survey found 27 of the mine sites were eligible for nomination to the National Register. As a result, any work proposed by the AMRP for these sites would have an adverse impact on cultural resources. A mitigation plan entailed issuing a contract for an intensive cultural resource documentation survey of the proposed project area focusing on the Telluride, Memphis Hill, and Parco mine sites. Mitigation also included recessing mine closures to eliminate the hazard but retain the historic appearance of the mine portal. Additionally, for 9 mine openings in close proximity to prehistoric cultural sites, mitigation would entail avoiding potential impacts by changing the closure method from backfill to block wall (7 sites), PUF (1 site), or bat gate (1 site) because these closure methods would result in negligible surface disturbance.

### Accomplishments: 171 Completed Closures

<b>Hand Backfill</b>	<b>16</b>	<b>Bat Gate</b>	<b>15</b>
<b>Equipment Backfill</b>	<b>89</b>	<b>Pinned Rebar Grate</b>	<b>8</b>
<b>Concrete Block Wall</b>	<b>33</b>	<b>Grade Beam Grate</b>	<b>4</b>
<b>Stone Wall</b>	<b>3</b>	<b>PUF</b>	<b>3</b>



*Equipment Backfill of Inclined Adit*



*Grade Beam Shaft Grate*

**Yellow Cat Project**  
**AMLIS PAD: UT-000159**  
**16 Field Authorizations, 2 Change Orders**  
**Start 9/30/02 - End 12/12/02 (57 work days)**  
**Construction Cost: \$185,983.32**