

# Socorro West Maintenance Project - Phase II

The Socorro West Maintenance Project - Phase II is located between nine and 17 miles west of Socorro in Socorro County, New Mexico. The project areas (see Figures 1, 2 and 3) are on public and private land in Section 12, Township 4 South, Range 2 West and Section 27, Township 3 South, Range 3 West.

The project involves the following work:

Backfilling two small shafts.

Construction of large toroid tire plug closures at one subsidence and one stope opening with small toroid mats, geotextile mesh and geotextile cloth.

Construction of polyurethane foam plug closure, with PVC drainpipe, steel sleeve and grated cover, at one shaft.

Construction of horizontal bat compatible closure at one stope with corrugated steel pipe riser in a PUF plug and a concrete footing.

Installation of steel flat bar at four shafts, removal of graffiti at one of these shafts, in the Water Canyon area.

Temporary access trails will be decompacted, berms built and seeded as required.

**Year Completed: 2010**

**Contractor: St. Cloud Mining Company**

**Final Cost: \$99,969.94**

**Project Engineer: John Kretzmann, P.E.**

## Images of the Project



Feature 13.5 Subsidence

Looking into the opening.



Feature 13.5 Subsidence

Vertical View



Feature 15 Subsidence

Opening alongside shaft.



Feature 15 Subsidence

Opening alongside shaft with bat gate.



Feature 17 Stope

Looking south with cable net and rock debris.



Feature 17 Stope

Looking north with cable net and rock debris.



Water Canyon AML 2 Horizontal Bat Gate



Water Canyon AML 2A Horizontal Bat Gate



Water Canyon AML 3 Horizontal Bat Gate



Water Canyon AML 4 Horizontal Bat Gate with Graffiti