

MINE SITE VISIT REPORT
New Mexico AML Program

Date of Visit : August 30, 2007 **Weather :** Sunny 85°
Mine/Project Name: Barbara J # 1 Mine – Northwest of Grants, New Mexico
Duration of Visit : 1.0 hour (10:00 am to 11:00 am)
Purpose of Visit : Maintenance inspection to the Barbara J # 1 mine, part of the legacy site assessment for AML project sites.
Observations : Travel to the project site; access to this site was from the west using a two track road. Location: SW1/4, NW1/4, NE1/4 of Sec. 20 T.13N., R.9W., Dos Lomas Quad. UTM Zone 13, E243060 N3913260, Uranium Mine. This site is on BLM land.

Signs of human activity were not recent. Vegetation is similar to undisturbed areas except for waste piles which lacked vegetation. Land use appears to be limited grazing for cattle but not recently. Previous reclamation is obvious. The shaft is fenced and subsided. Total site area is approximately 6 acres. The nearest residence appears to be over 1-mile away in the southern direction.

Background radiometric levels of 29 $\mu\text{R/hr}$ at both 1-meter and ground level, were read utilizing a Ludlum Model-14C survey meter with a NaI Model 44-2 Gamma Scintillator probe and were taken at the drill hole pictured below. The overall waste and ground within the middle portion of the disturbance area have radiometric levels of 114-257 $\mu\text{R/hr}$ at 1-meter and 200-429 $\mu\text{R/hr}$ at ground level.

This site has areas of mounded waste, concrete foundations, some wood and metal mining debris. There is a drainage along the north edge of the site heading east towards a larger arroyo. For complete details see topographic GPS info using the MapGuide map found at http://164.64.103.6/mmdtest/AML_Uranium-DEV.htm

Further action recommended to mitigate radiometric levels. No other safety concerns at this time.

Name : **James R. Smith** **Title :** **Reclamation Designer**
MSV Written: September 18, 2007 – for files. **CC:** John Kretzmann, Karen Garcia and files.

Photos:



Mine Shaft Subsided Looking Southwest



Mine Drill Hole Looking East



Mine Waste Pile Looking Northwest

MINE SITE VISIT REPORT
New Mexico AML Program

Date of Visit : August 22, 2007 **Weather :** Sunny, hot, windy 95°
Mine/Project Name: Barbara J # 2 Mine – Northwest of Grants, New Mexico
Duration of Visit : 1.0 hour (2:00 pm to 3:00 pm)
Purpose of Visit : Maintenance inspection to the Barbara J # 2 mine, part of the legacy site assessment for AML project sites.
Observations : Travel to the project site; access to this site was from the west off Haystack Road. Access was via a two track dirt road. Location: NE1/4, SE1/4, NW1/4 of Section 30 T.13N., R.9W., Dos Lomas Quad. UTM Zone 13, E 242410 N 3912960, Uranium Mine. This site is on BLM land.

Signs of human activity were recent removal of mine waste. This area is bordered on the south by Haystack Road. Vegetation is similar to undisturbed areas except for waste piles which lacked vegetation. Land use appears to be limited grazing for cattle but not recently. Previous shaft reclamation is hard to find and appears to be a natural part of the landscape. Total site area is approximately 8 acres. The nearest residence appears to be over 1-mile away in the southeast direction.

Background radiometric levels of 20 & 21 $\mu\text{R/hr}$ at 1-meter and ground level respectively, were read utilizing a Ludlum Model-14C survey meter with a NaI Model 44-2 Gamma Scintillator probe and were taken near the Piedra Trieste site. The overall waste and ground within the middle portion of the disturbance area have radiometric levels of 100-157 $\mu\text{R/hr}$ at 1-meter and 100-214 $\mu\text{R/hr}$ at ground level.

This site has areas of mounded waste and multiple concrete pads as well as some hoist equipment. There was one open vent shaft on this site. For complete details see topographic GPS info using the MapGuide map found at http://164.64.103.6/mmdtest/AML_Uranium-DEV.htm

Further action recommended to mitigate radiometric levels. The open vent shaft needs to be backfilled.

Name : James R. Smith **Title :** Reclamation Designer
MSV Written: August 29, 2007 – for files. CC: John Kretzmann, Karen Garcia and files.

Photos:



Mine Waste Looking East



Concrete Pads Looking West

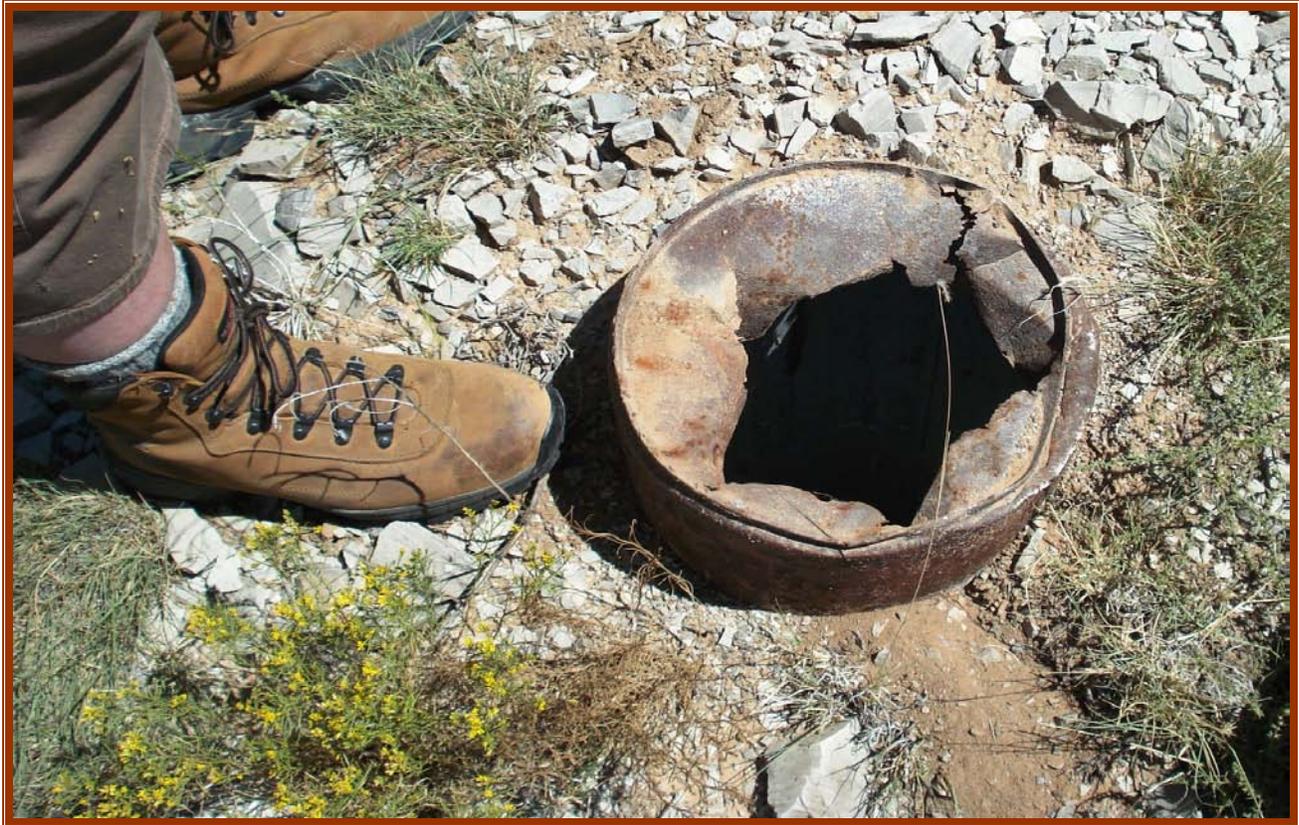


Open Vent Shaft Looking North

Photos:



Concrete Foundations Looking South



Metal Lined Vent Shaft With Rock Cover Removed Looking Down



Top of Large Waste Pile Looking East



Bottom of Large Waste Pile Looking North

MINE SITE VISIT REPORT
New Mexico AML Program

Date of Visit : August 30, 2007 **Weather :** Sunny 85°
Mine/Project Name: Barbara J # 3a Mine – Northwest of Grants, New Mexico
Duration of Visit : 1.0 hour (11:15 am to 12:15 pm)
Purpose of Visit : Maintenance inspection to the Barbara J # 3a mine, part of the legacy site assessment for AML project sites.
Observations : Travel to the project site; access to this site was from the south using a two track road. Location: NE1/4, NW1/4, NE/4 of Section 30 T.13N., R.9W., Dos Lomas Quad. UTM Zone 13, E244040 N3914230 Uranium Mine. This site is on BLM land.

Signs of human activity were not recent. Vegetation is similar to undisturbed areas. Land use appears to be limited grazing for cattle but not recently. Previous reclamation is not obvious. Total site area is approximately 3 acres. The nearest residence appears to be over 1-mile away in the southeast direction.

Background radiometric levels of 29 $\mu\text{R/hr}$ at both 1-meter and ground level, were read utilizing a Ludlum Model-14C survey meter with a NaI Model 44-2 Gamma Scintillator probe and were taken at the drainage and catchment pond. The overall waste areas within the middle portion of the disturbance have radiometric levels of 243-857 $\mu\text{R/hr}$ at 1-meter and 443-1429 $\mu\text{R/hr}$ at ground level.

This site has areas of scattered waste, concrete foundations, wood and metal mining debris. There is a drainage along the southeastern site edge heading south towards a larger arroyo. For complete details see topographic GPS info using the MapGuide map found at http://164.64.103.6/mmdtest/AML_Uranium-DEV.htm

Further action recommended to mitigate radiometric levels. No other safety concerns at this time.

Name : James R. Smith **Title :** Reclamation Designer
MSV Written: September 18, 2007 – for files. **CC:** John Kretzmann, Karen Garcia and files.

Photos:



Overall Mine Site Looking Southeast



Catchment Pond and Artifacts Looking East



Scattered Mine Waste and Core Samples Dump Looking North