



Map Legend

- Gas Well with 100 foot barrier
- Unsurveyed Spotted Gas Well
- Background Sampling Point
- Water Monitoring Point
- Water Monitoring Point (Static Water Level Only)
- Spring
- Water Well
- Exploration Drill Hole
- Overburden Drill Hole
- Occupied Structure
- Unoccupied Structure
- Centerline of Right of Way
- 100 Foot Cover Line
- Upper Freeport Coal Contour
- Upper Freeport Coal Outcrop
- Property Line
- Intermittent Stream
- Perennial Stream
- Subsidence Boundary
- Major (4"+) Gas Line
- No Mining Zone
- Permit Boundary & Subsidence Boundary are common except where noted.
- Abandoned Mine Entry
- Limit of Existing Mine Permit
- Adverse Property
- Limit of Surface Activity Site
- Existing Surface Mining
- Existing Deep Mining
- Stream Zone of Influence (First Mining Only Zone)
- Stream Zone of Influence (No Mining Zone)
- Hydrologic Barrier

Rosebud Mining Co.
ROSSMOYNE NO. 1 MINE
CMAP NO. 32021301 MSHA ID NO. 36-09075
FINAL MAP

I certify that to the best of my knowledge that this final map of the Rossmoyne No. 1 Mine is an accurate representation of the limits and workings of the Rossmoyne No. 1 Mine and indeed the true "FINAL MAP".

Dennis Grele, PE, Manager of Engineering
Date: March 26, 2012

Rosebud Mining Co.
ROSSMOYNE NO. 1 MINE
CMAP NO. 32021301
FINAL MAP

This is the final map of the Rossmoyne No. 1 Mine. The CMAP No. is 32021301, MSHA ID. No. 36-09075. The mine opening is located in S. Mahoning Twp., Indiana County. The mine was active in the Upper Freeport coal seam. Coal was first mined in April, 2003 and the final seals were inspected on November 29, 2011.

The mine surveying was per standard accepted mine surveying methods and procedures. The mine survey system maintained a minimum Linear Error of Closure and associated precision of 1:5000. The mapping is based upon Pennsylvania State Plane coordinates, South Zone, NAD 83. The final survey date is November 17, 2011.

I certify that to the best of my knowledge that this final map of the Rossmoyne No. 1 mine is an accurate representation of the limits and workings of the Rossmoyne No. 1 Mine and is indeed the true "FINAL MAP".

James J. Szalankiewicz, P.E., PLS
Date: March 26, 2012



SHEET 1

Rossmoyne No. 1 Deep Mine
Rosebud Mining Co.
301 Market Street, Kittanning, PA 16201

FOR LOCATION South Mahoning Twp., Indiana Co.
SEAM UPPER FREEPORT COAL SEAM
DRAWN BY JPB DATE 3/20/12
SCALE 1" = 200' DRAWING NO. N 542,000

