



**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 Grella*  
 Dennis Grella, PE, Manager of Engineering  
 Date: March 27, 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 seats 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. Szolankiewicz*  
 James J. Szolankiewicz, PE, PLS  
 Date: March 27, 2012



SHEET 4

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

FOR	South Mahoning Twp., Indiana Co.
LOCATION	UPPER FREEPORT COAL SEAM
SEAM	JPB
DRAWN BY	DATE
SCALE	DRAWING NO.
1" = 200'	