



**ANALYSIS - Premining vs Postmining Productivity Comparison
 (Hayland/Pasture Land Use)**

Company: _____ **Permit Number:** _____

PREMINING PRODUCTIVITY (Projected)	
U.S. Natural Resources Conservation Service -	
Soil Series: _____	
Productivity Levels: <input type="checkbox"/> animal unit months <input type="checkbox"/> tons of hay per acre <input type="checkbox"/> level of management. <small>(low, medium, or high)</small>	
<small>(The recommended standards are listed on Page 2 of this form.)</small>	

POSTMINING PRODUCTIVITY (Demonstrated by one or more of the practices listed below.)			
Grazing Record			
Total Acreage Grazed:		Number of Months Grazed per Year:	
Date Grazing Began:		Date Grazing Ended:	
Number of Animals:		Type of Animals:	
Hay Production			
Total Acreage Harvested:		Date(s) of Harvesting:	
Number of Round Bales:			
Weight per Round Bale:			
Number of Square Bales:			
Weight per Square Bale:			
Average Weight per Acre:			
Test Plot Results			
Number of Plots:		Size of Plots Sampled:	
Results:		dry weight in tons.	

Comments:

Person Conducting Analysis _____ **Date:** _____

DMLR Reviewer _____ **Date:** _____

Division of Mined Land Repurposing
Analysis - Premining vs. Postmining Productivity Comparison

Standards for Premining Productivity

The following table provides the recommended standards for premining productivity. These standards were developed in a cooperative effort by the Department of Mines, Minerals and Energy, Maxim Engineering, and the Natural Resources Conservation Service. Questions concerning this list should be directed to the Division's Agronomist (276) 523-8100.

Soil Series	Animal Units Months	Tons/Hay/Acre*	Level/Management
Allegheny	4	2	Low to Medium
Atkins	4	2	Low to Medium
Berks Silt Loam	3	1.5	Low to Medium
Cedarcreek	2	1	Low to Medium
Cloverlick	3	1.5	Low to Medium
Cotaco	3	1.5	Low to Medium
Craigsville Cobbly Loam	2	1	Low to Medium
Dekalb Sandy Loam	2	1	Low to Medium
Dismal	1	0.5	Low to Medium
Fiveblock	2	1	Low to Medium
Gilpin Silt Loam	4	2	Low to Medium
Grigsby	5	2.5	Low to Medium
Highsplint	3	1.5	Low to Medium
Itman	1	0.5	Low to Medium
Jefferson Loam	3	1.5	Low to Medium
Kaymine	2	1	Low to Medium
Laidig Loam	2	1	Low to Medium
Lily Loam	3	1.5	Low to Medium
Lindside-Newark	4	1.5	Low to Medium
Marrowbone	3	1.5	Low to Medium
Matewan	2	1	Low to Medium
Philo	5	2.5	Low to Medium
Pineville	4	2	Low to Medium
Pope Gravelly Loam	6	2.5	Low to Medium
Purdy Silty Loam	2	1	Low to Medium
Ramsey	1	0.5	Low to Medium
Sewell	2	1	Low to Medium
Shelocta Silt Loam	4	2	Low to Medium
Stonecoal	1	0.5	Low to Medium
Weikert	2	1	Low to Medium
Westmoreland	4	2	Low to Medium
Wharton	4	2	Low to Medium
Zoar Silt Loam	4	2	Low to Medium

* Project the second cutting for forage at 35% of the initial cutting.