

Character and Extent of Land Stripped for Coal in Kentucky

by

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Natural stand of sweet gum, sycamore, and red cedar on land stripped for coal in western Kentucky. (Dempster Coal Co., vicinity of Luzerne, Muhlenberg county.)

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APPENDIX

Forms Used in Survey

Spoils Form No. 2
Rev. June 1947

(Reconnaissance)
(Plantation)

Character of Spoils Material

I. GENERAL State County
 Twp. Rg. Sec. Forty Plot
 Relief Range (Av.) Aspect Date
 Crew Age of Spoils
 Nearest High Wall: Coal Vein
 Slope: (None 0-5%) (Slight 5%-30%) (Medium 30%-60%) (Steep 60%+)
 Type of Relief:% Lev.,% Pt. Lev., LS.....%, SR.....%, RR.....%
 Stripped by:
 Stripping Equipment:

II. CHARACTER OF SURFACE SPOILS MATERIALS

Material	Spoils Texture by Size Class in %				
	Over 12"	4"-12"	1"-4"	½"-1"	½-Soil
Native: Limestone (Massive) ()
(Thin Bedded) ()
Sandstone (Massive) ()
(Thin Bedded) ()
Shale (Thick Bedded) ()
(Thin Bedded) ()	Soil...
(Concentrations) ()
Glacial:
Other:
TOTAL

Soil Class	Nutrients	Soil Reaction
Consistency of Soil Portion		
Very Loose	P.....	(HCL): Effervescence
Loose		No effervescence
Friable	N.....	Under pH 4.0
Compact		pH 4.0-5.5
Very Compact	K.....	pH 5.6-6.9
		pH 7.0 or over

Erosion – Gully: Slight..... Moderate..... Severe.....
 Sheet: Slight..... Moderate..... Severe.....
 Humus layer forming to a depth of inches. Depth of litter
 % Plantable by: Mattock Bar

REMARKS:

III. VEGETATION BY SPECIES (Barren %)

		Trees	
Herbaceous (%)	Shrubs (%)	Natural (%)	Planted (%)

IV. DISEASES AND INSECT INFESTATION

	<u>Diseases</u>	<u>Insects</u>
Kind and Trees Affected
Extent of Damage
Degree of Damage
% of Total Trees Affected

V. MISCELLANEOUS DATA

Photographic Record: Photo Nos.

Soil Samples: Fld. No.	Remarks	Fld. No.	Remarks
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Wildlife and Recreation Notes:

Agricultural Use of the Banks:

REMARKS:

