CAMBRIA MINING & MANUFACTURING CO.

DONOHUE

McINTOSH

SHOEMAKER & HUGHES

LEASED TO

SHOEMAKER COAL MINING CO.

J.M. CAMERON TRUSTEE

LEASED TO

SONMAN SHAFT COAL CO.

Sonman Shaft Coal Co.
Workings are up to
April 1937 date.

CLEARFIELD BITUMINOUS COAL CORP'N

LEASED TO

SONMAN SHAFT COAL CO.

SONMAN SHAFT COAL CO.

F. MULLEN

CLEARFIELD BITUMINOUS COAL CORP'N

LEASED TO

SONMAN SHAFT COAL CO.

SONMAN SHAFT COAL CO.

PAUL HERON

SONMAN SHAFT COAL CO.

SOUTH OPENING

ESTATE OF HENRY McCORMICK

LEASED TO

SONMAN SHAFT COAL CO.

ESTATE OF HENRY McCORMICK

CAMBRIA COUNTY COAL CO.

MARBLE MINE

BLACK LICK CREEK

CONEMAUGH R.R.

MINED OUT

FAULT

SHOEMAKER COAL MINING CO. LEASE

PROPOSED STRIPPING AREA

EXISTING STRIPPING LIMITS

GEO. PEARCE & SONS LEASE

PURCHASE

"E" SEAM MAP

OF THE

Cambria Mining and Manufacturing Co.

PORTAGE TOWNSHIP, CAMBRIA COUNTY, PENNA.

SCALE 1 INCH 400 FEET

Jos. S. Shuman
Consulting Engr.

WORKINGS SHOWN TO 1941-BY

JOHN W. FOREMAN
No. 39662
REGISTERED PROFESSIONAL ENGINEER
PENNSYLVANIA

ISSUED AUG. 18, 1944	MINING AREAS		SCALE 1"=400
	MINE DRAINAGE APPLICATION COONEY BROS. COAL CO. KITTANNING PORTAGE TWP. CAMBRIA CO. PA.		
JOB NO. G4-1-4	GWIN ENGINEERS INC. CONSULTING ENGINEERS ALTOONA, PENNSYLVANIA		SHEET NO. 3