SMOKE RUN

BECCARIA

RAMEY

D. K. RAMEY EST.

JAMES H. MINDS, JR.

M. BELIN & T. BRENNAN

KITTANNING COAL CO.

BIGLER TOWNSHIP
GULICH TOWNSHIP

BECCARIA TOWNSHIP
GULICH TOWNSHIP

PENNSYLVANIA RAILROAD

MUDDY RUN

EAST BRANCH

ROUTE T-540

ROUTE 153 & 453

ROUTE T-582

ROUTE 453

ROUTE T-780

JANESVILLE

O.C. STRIPPING PRIOR TO JAN. 1964 STRIPPED BY OTHERS

27.65 Acres - PRIOR TO JAN. 1964
14.92 Acres - AFTER JAN. 1964
42.57 Acres BACKFILLED FOR APPROVAL

35.65 Acres - AFFECTED AFTER JAN. 1964
BACKFILLED FOR APPROVAL

NOTE: EXISTING STRIPPING IN THIS AREA BY OTHERS

AREAS BACKFILLED FOR APPROVAL

27.65 Acres - AFFECTED PRIOR TO JAN. 1964

50.57 Acres - AFFECTED AFTER JAN. 1964

78.22 Acres - TOTAL BACKFILL

DATE LETTER	AFFECTED AREA INCREMENT	AFFECTED AREA CUMULATIVE	BACKFILL AREA INCREMENT	BACKFILL AREA CUMULATIVE	RESIDUAL AREA
APR.26,1963 A	27.75	27.75	12.31	12.31	15.44
JAN.28,1964 B	29.82	57.57	11.66	23.97	33.60
DEC.24,1964 C	47.51	105.08	25.04	49.01	56.07
JAN.10,1966 D	54.73	159.81	—	49.01	110.80
MAY 5,1966	—	159.81	46.19	95.20	64.61
FEB.22,1967 E	15.61	175.42	—	95.20	80.22
JUNE 25,1968	—	175.42	78.22	173.42	2.00

BELIN & BRENNAN - SURFACE
KITTANNING COAL CO. - MINERALS

C. E. POWELL COAL CO.

BITUMINOUS COAL STRIPPING OPERATION

SITUATE IN

BECCARIA, BIGLER & GULICH TWPS. CLEARFIELD CO., PA.

SCALE 1" = 400'

PLANS PREPARED BY
JOHN W. FOREMAN, MINING ENGINEER
GWIN ENGINEERS INC. — CONSULTING ENGINEERS
ALTOONA, PA.

JOHN W. FOREMAN
Engineer
10489-E

101-4