



NOTES: ENTIRE MINE SITUATED ON MURDOCK, PA. 7.5' U.S.G.S. TOPO QUAD. THE ENTIRE 342 ACRE PERMIT AREA IS IN BROTHERSVALLEY TOWNSHIP.

BASE MAP BY: Aerial Map Service Co., Pittsburgh, Penna. Nov 11, 1974

BROOKVILLE COAL SEAM IS "A" SEAM
LOWER KITTANNING COAL SEAM IS "B" SEAM

OWNERSHIP:
SURFACE IN LARGE CAPS (MINERAL IN SMALL CAPS & PARENTHESES)

	PROJECTED MINING 1,197 to 1,199		SPRING WELL		PERMIT BOUNDARY
	DRILL HOLE		DEEP MINE ENTRANCE		SURFACE SUPPORT BOUNDARY
	PAST 6 MONTHS MINING		LIMIT OF BARREN AREA		WATER MONITORING POINT
	PROPOSED TREATMENT FACILITY		100' and 150' OVERBURDEN ("A" SEAM)		1000' ADJACENT LIMIT LINE
	No mining in this area until R.G.D. information is submitted to DER and approved by the Department.		DIVERSION DITCH		PROPERTY LINES
	PIEZOMETER		APPROX. OUTCROP		SUBSIDENCE PLAN BOUNDARY
	COAL STRUCTURE LINES				

DATE	REVISIONS	REMARKS	BY
4-21-86	DER Review Letter of 4-10-86.		WNH

THIS SUBMISSION BY:
MUSSER ENGINEERING, INC.
RD. #1, BOX 463
CENTRAL CITY, PA. 15926
Phone: (814) 754-8477
Fax: (814) 754-8599

ORIGINAL MAPPING BY:

WALTER N. HEINE ASSOCIATES INC.
ENGINEERS
CONSULTANTS
Riding Springs
Pittsburgh, Pennsylvania 15007

EXHIBIT 19.2/3/5
ENVIRONMENTAL RESOURCES/
SUBSIDENCE CONTROL PLAN MAP

TOP GRADE FUELS INCORPORATED
RD 2 Box 55-A Dunbar, Pa. 15431

BROTHERSVALLEY TWP. SOMERSET COUNTY

S.M.P. NO. _____ CONTOUR INTERVAL: 6'

SCALE: 1" = 200' DWN BY: R.L.M. SHEET NO. _____

DATE: 3/86 CKD BY: WNH OF _____

BLACK MOUNTAIN MINE