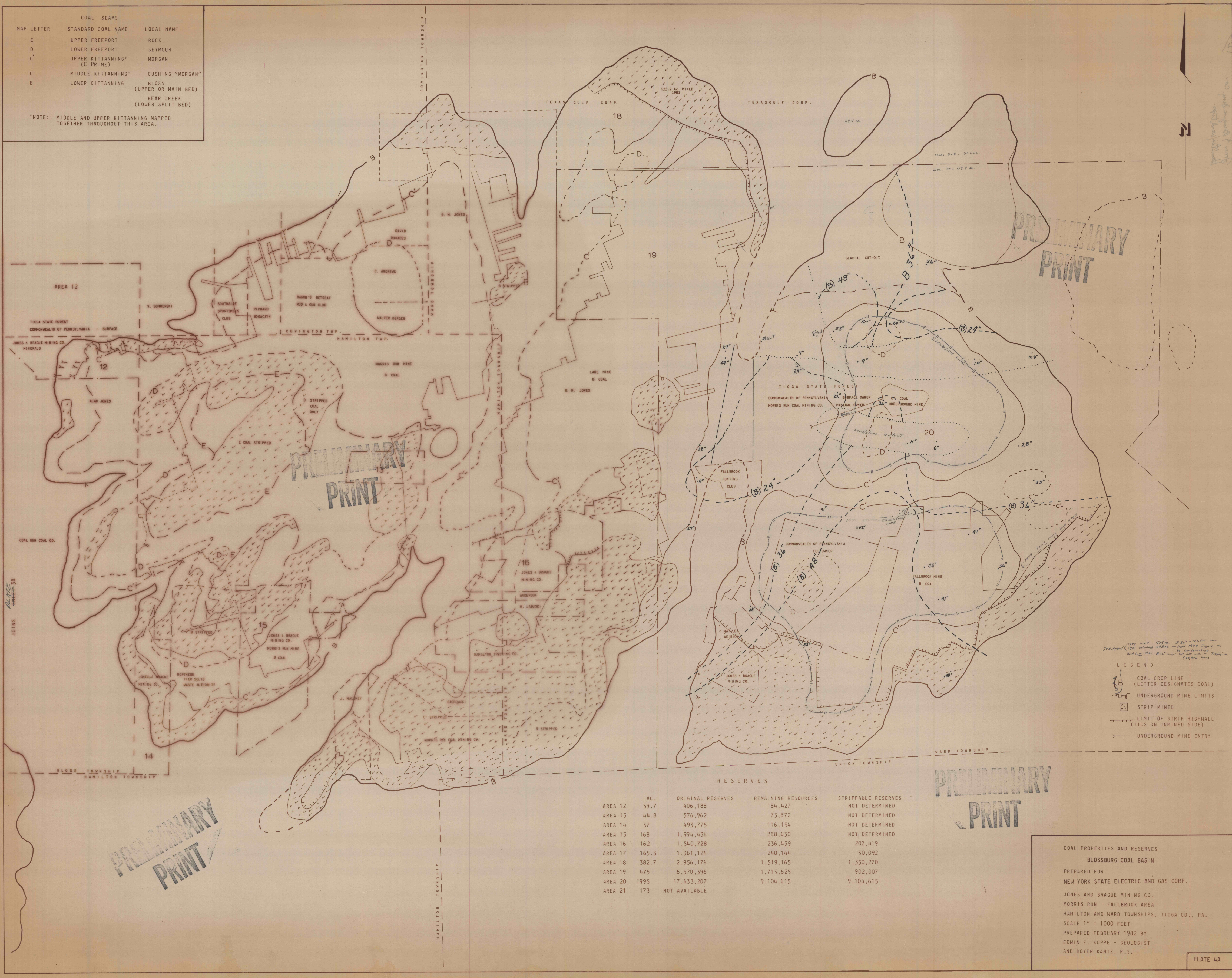


COAL SEAMS		
MAP LETTER	STANDARD COAL NAME	LOCAL NAME
E	UPPER FREEPORT	ROCK
D	LOWER FREEPORT	SEYMOUR
C'	UPPER KITTANNING* (C PRIME)	MORGAN
C	MIDDLE KITTANNING*	CUSHING "MORGAN"
B	LOWER KITTANNING	BLOSS (UPPER OR MAIN BED) BEAR CREEK (LOWER SPLIT BED)

\*NOTE: MIDDLE AND UPPER KITTANNING MAPPED TOGETHER THROUGHOUT THIS AREA.



1982 and 1978 maps @ 30' x 60' scale  
 Stripped 1981 values 44.8 ac - 400' 1978 figure to be conservative  
 and 1981 Mac @ 10' map to estimate of Blossburg  
 (1982 map)

- LEGEND
- COAL CROP LINE (LETTER DESIGNATES COAL)
  - UNDERGROUND MINE LIMITS
  - STRIP-MINED
  - LIMIT OF STRIP HIGHWALL (TICS ON UNMINED SIDE)
  - UNDERGROUND MINE ENTRY

RESERVES

AREA	AC.	ORIGINAL RESERVES	REMAINING RESOURCES	STRIPPABLE RESERVES
AREA 12	59.7	406,188	184,427	NOT DETERMINED
AREA 13	44.8	576,962	73,872	NOT DETERMINED
AREA 14	57	493,775	116,154	NOT DETERMINED
AREA 15	168	1,994,436	288,630	NOT DETERMINED
AREA 16	162	1,540,728	236,439	202,419
AREA 17	165.3	1,361,124	240,144	30,092
AREA 18	382.7	2,956,176	1,519,165	1,350,270
AREA 19	475	6,570,396	1,713,625	902,007
AREA 20	1995	17,633,207	9,104,615	9,104,615
AREA 21	173	NOT AVAILABLE		

COAL PROPERTIES AND RESERVES  
 BLOSSBURG COAL BASIN  
 PREPARED FOR  
 NEW YORK STATE ELECTRIC AND GAS CORP.  
 JONES AND BRAGUE MINING CO.  
 MORRIS RUN - FALLBROOK AREA  
 HAMILTON AND WARD TOWNSHIPS, TIOGA CO., PA.  
 SCALE 1" = 1000 FEET  
 PREPARED FEBRUARY 1982 BY  
 EDWIN F. KOPPE - GEOLOGIST  
 AND BOYER KANTZ, R.S.