

ANALYSIS

Hole	Seam	Ash	Sul	BTU
ED-2	UF	6.72	1.64	13,034
ED-3	UF	7.92	1.76	13,130
ED-4	UF	7.85	2.42	13,148
ED-4	UF	9.56	6.46	12,811

Concord & Oakland Twps.
East Butler Quad.



MATCH SHEET 5

MATCH SHEET 3

LEGEND

- UF — UPPER FREEPORT OUTCROP
- LF — LOWER FREEPORT OUTCROP
- UK — UPPER KITTANNING OUTCROP
- MK — MIDDLE KITTANNING OUTCROP
- LK — LOWER KITTANNING OUTCROP
- UCL — UPPER CLARION OUTCROP
- LCL — LOWER CLARION OUTCROP
- UF — COAL AT BASE OF EXISTING HIGHWALL
- LF — HIGHWALL LIMITS USED FOR RESERVE
- — — — — LIMIT OF MINEABLE COAL
- JB-1 DRILL HOLE
- JB-1* DRILL HOLE WITH ANALYSIS
- ▨ STRIP MINED AREA
- BARRIER AREA INCLUDED IN RESERVE
- B.F.M.D.C. PROPERTY CONTROLLED BY BLACK FOX MINING & DEVELOPMENT CORP.
- B.C.C. PROPERTY CONTROLLED BY BRACKEN CONSTRUCTION COMPANY

MAP OF
COAL PROPERTIES
SITUATE
BUTLER COUNTY PENNSYLVANIA
FOR
BLUE LINE COAL CO.

SCALE	GWIN, DOBSON & FOREMAN, INC. CONSULTING ENGINEERS ALTOONA, PENNSYLVANIA	SHEET NO.
1"=400'		4

17 0243 025178 A & B SMITH CO., PHO., PA.

PR 9878-976