



ANALYSIS

Hole	Seam	Ash	Sul	BTU
DP-3	UF	6.16	1.48	13,313
EL-3	UF	9.99	2.14	12,805
MW-1	UF	7.81	2.55	12,975
MW-1	UF	6.98	3.36	13,221
MW-2	UF	5.86	1.60	13,341
MW-6	UF	6.11	1.32	13,184
MW-5	UF	5.55	1.36	13,451
MW-7	UF	4.61	1.56	13,666
MW-8	UF	7.91	2.90	12,838
RV-2	UF	9.19	2.36	12,942
SW-3	UF	6.61	1.04	12,991
SW-8	UF	7.82	2.42	13,058

Oakland Twp.
East Butler Quad.

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
- H/W — 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.	SHEET NO.
1"=400'	CONSULTING ENGINEERS ALTOONA, PENNSYLVANIA	2