



MDP # 3077SM19 - Bryan-Smith Mine
 273.3 Ac - Affected Area
 44.25 Ac - To be mined (UF)
 127.15 Ac - To be mined (LF)
 100.40 Ac - To be mined (Cannel)

Mining Permits 289-28 - 11.5 Ac (completion filed)
 289-28A - 12.0 Ac (completion filed)
 289-29 - 11.0 Ac (released never activated)
 289-31 - 42.0 Ac (35.6 Ac - completion filed)
 289-32 - 14.9 Ac (35.6 Ac - completion filed)

- 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

Washington Twp., Hilliards Quad.

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

SCALE	GWIN, DOBSON & FOREMAN, INC. CONSULTING ENGINEERS ALTOONA, PENNSYLVANIA	SHEET NO. 11
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