

532

LEGEND

COAL OWNERSHIP - WESTERN WAREHOUSING CO.

ALL COAL

"B" SEAM ONLY

APPROXIMATE LIMIT OF "B" SEAM DEEP MINE WORKINGS

POTENTIAL AREA OF MINEABLE "E" SEAM RESERVES

DRILL HOLES

STATE GAME LANDS N° 79

STRIP MINED AREA

APPROXIMATE OUTCROP - UPPER FREEPORT "E" SEAM

STRUCTURE CONTOURS - UPPER FREEPORT "E" SEAM

SEAM THICKNESS ISOPACHS - UPPER FREEPORT SEAM

RESERVES OVERLAIN BY SHALLOW COVER - EXCLUDED FROM DEEP COAL RESERVE ESTIMATE

OUTLINE OF J.W. DUNCAN EST. TRACT

EXISTING DRILL HOLES
WESTERN WAREHOUSING COMPANY PROPERTY

Identification	Seam	Depth to Top (Ft.)	Seam Thickness (In.)	Approximate Elevation Bottom of Seam (Ft.)	Interval (Ft.)
Graham Shaft	E	-	NC	-	-
	D	194.0	7.0	1,598	7.2
	C	213.9	13.0	1,575	21.6
	C	269.5	16.0	1,519	47.0
	B	317.9	42.0	1,469	
Anderson Shaft	E	216.5	18.0	1,412	54.0
	D	272.0	18.0	1,356	5.5
	D	282.0	18.0	1,346	9.9
	C	353.4	32.0	1,274	67.2
	B	405.9	42.0	950	
BH 2	E	-	Eroded	-	-
	D	-	NC	-	-
	C	-	NC	-	-
	C	145.0	36.0	1,257	44.5
	B	190.5	42.0	1,211	
BH 3	E	31.0	48.0	1,392	41.0
	D	76.0	12.0	1,355	32.0
	C	109.0	24.0	1,331	
	C	-	NC	-	-
	B	199.0	36.0	1,230	
BH 9	E	27.5	39.0	1,421	54.2
	D	85.0	4.0	1,366	
	C	-	NC	-	-
	C	163.2	39.0	1,285	41.0
	B	207.5	44.0	1,240	
DH W-1	B	104.0	27.4	1,371	
DH W-1A	E	244.5	18.0	1,519	
DH W-2	E	112.0	43.9	1,378	
DH W-3	E	-	NDE	-	-
DH W-4	E	-	NC	-	-

NC: No coal
NDE: Not deep enough



TOPOGRAPHIC MAP
SHOWING
POTENTIAL UPPER FREEPORT (B) SEAM RESERVES
WESTERN WAREHOUSING CO. PROPERTY
MANOR REAL ESTATE CO.
INDIANA & CAMBRIA COUNTIES, PA.
PREPARED FOR
PENN CENTRAL PROPERTIES DIVISION
VICTOR PALMIERI & CO. INC.
SCALE: 1" = 2000'
JOHN T. BOYD COMPANY
MINING & GEOLOGICAL ENGINEERS
JULY 1978
EXHIBIT 1

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