



BORE HOLE DEPTH AND THICKNESS OF LOWER KITTANNING SEAM

Bore Hole	Depth	Thickness	Bore Hole	Depth	Thickness	Bore Hole	Depth	Thickness
K1 90' 4"	22'		S1 99' 2"	10'		S30 83' 55"	5'	
K2 91' 0.5"			S2 93' 4"	4'		S31 85' 5"		
K3 99' 1"			S3 104' 3"	3'		S32 80' MINED		
K4 99' NC			S4 46' MINED			S33 45' MINED		
K5 69' 1"			S5 85' 5"			V1 53' MINED		
K6 85' 6"			S6 16' A			V2 44' A		
K7 70' 5"			S7 66' A			V3 10' 2"		
K8 80' 6"			S8 66' A			V4 10' 2"		
K9 80' 10"			S9 65' A			V5 28' 4"		
K10 68' 8"			S10 20' A			V6 123' 2"		
K11 72' 6"			S11 15' A			V7 50' A		
K12 75' SLATE			S12 122' 2"			V8 28' 6"		
K13 56' 5"			S13 75' MINED			V9 66' A		
K14 61' 1"			S14 26' 65"			V10 61' A		
K15 70' SLATE			S15 73' 45"					
K16 53' SLATE								
K17 104' 8.5"								

LEGEND

- PROJECT AREA BOUNDARY
- STATE FOREST BOUNDARY
- MEASUREMENT BY WEIR
- MEASUREMENT BY CROSS SECTION
- DEEP MINE ENTRANCE
- DEEP MINE LOWER KITTANNING
- DEEP MINE UPPER KITTANNING
- STRIP MINE LOWER KITTANNING
- STRIP MINE UPPER KITTANNING
- K.C.C.M. CO. MINE NO.
- BORE HOLES
- CROP LINE LOWER KITTANNING
- STREAMS

COAL RESERVE MAP

SCALE 1" = 1000'

0 0.5 MILE

OPERATION SCARLIFT PROJECT SL-115

THE NEILAN ENGINEERS INC.
SOMERSET PENNSYLVANIA