VENTILATION
GATEWAY COAL COMPANY
GATEWAY MINE
I-ADB - SHEET N° 4

SHEET N° 4

BETHLEHEM MINES CORP
MINE M-58

JAMES W. KING
60-901 ACRES

MARTHA MITCHELL
40-8282 ACRES

ISAAC CONNOR
40-1551 ACRES

JOHN M. JONES
120-1806 ACRES

(IDLE)
079 LIGHT
078 LEFT
SECTION NO. 078 LEFT
LOCATION 3 SIDE ENTRIES
INTAKE 29,500
LC. AT. 26,240 cfm .1 %/14
AT. AT. 27,900 cfm .1 %/14

AVERAGE SEAM 6'-7'
AVERAGE WIDTH 16'-18'

SECTION NO. 079 (IDLE)
LOCATION EAST 7 PACK
INTAKE 26,000
AT. AT. 26000 cfm .2 %/14

SECTION NO. 079-080 (IDLE)
LOCATION EAST 7 PACK
INTAKE 29,000
AT. AT. 29000 cfm .3 %/14
AT. AT. 25,000 cfm .2 %/14

SECTION NO. 080 (IDLE)
LOCATION 4 BUTT 7 PACK LW
INTAKE 30,117 CFM
RETURN 18,800 cfm .17 %/14

SECTION NO. 063 (IDLE)
LOCATION 8 PACK LEFT (IDLE)
INTAKE
LC. AT. 13440 cfm .1 %/14
AT. AT. cfm .1 %/14

SECTION NO. 065
LOCATION PACK RT. (IDLE)
INTAKE 2,400
LC. AT. 13440 CFM .1 %/14
AT. AT. 11000 CFM .1 %/14

INLET EVALUATION

INLET EVALUATION POINT #1

INLET EVALUATION POINT #2

BLEEDER #35
11,000 cfm
.1 %/14

BLEEDER #34
11,000 cfm
.1 %/14

BLEEDER #33
11,000 cfm
1.4 %/14

BLEEDER #32
11,000 cfm
1.0 %/14

BLEEDER #37
11,000 cfm
.5 %/14

26,500 cfm

7800 CFM

1 BUTT
2 BUTT
3 BUTT
4 BUTT
5 BUTT
6 BUTT
7 BUTT
8 BUTT

ACCESS

FENNER & DUNSON
AREA 34.7084 ACRES CALC
34.4883 DEED

GEORGE V. SIMON
20.4286 ACRES CALC
21.1187 ACRES CALC

CHARLES SCOTT
41.1097 ACRES CALC

THOMAS & MARGARET SCOTT N°2

VELOCITY 150 FPM
VELOCITY 220 FPM
VELOCITY 820 FPM
VELOCITY 550 FPM
VELOCITY 150 FPM
VELOCITY 190 FPM
VELOCITY 150 FPM
VELOCITY 220 FPM
VELOCITY 150 FPM
VELOCITY 550 FPM

FIT TO SHEET No 2
FIT TO SHEET No 40
FIT TO SHEET No 41
FIT TO SHEET No 48
FIT TO SHEET No 39
SHEET No 59 ASTEWAY MINE

FIT TO SHEET Nº 5

SHEET Nº 4