DETAIL SKETCH.
SHOWING
DIFFERENCE IN RESULTS OF PROPER AND IMPROPER WAY
OF BLASTING DOWN ROOMS OF UNDERGROUND WORKINGS.

FIG. 1.
Room ready to blast down.

FIG. 2.
Room blasted, starting new slice.

FIG. 3.
Room cored, starting new slice.

FIG. 4.
Blasting down the timbers.

In Fig. 1 is shown a cross-section of a room, two slices wide, ready to
be blasted down. The doors and door posts are then forced in the
row of posts of mined ground and blasted with fire.

In Fig. 2 is shown a cross-section of a room, two slices wide, showing
how the doors are after being blasted and driven into the wall.

In Fig. 3 is shown a cross-section of a room, two slices wide, showing
how the doors are forced in and driven into the wall.

In Fig. 4 is shown a cross-section of a room, two slices wide, showing
how the doors are forced in and driven into the wall.

W.C.YAWKEY ESTATE.
SCHLEY MINE
PART OF 114 FT. LEVEL.
SHOWING AREA WHERE ORE HAS BEEN LOST OVER THE BACKS.

SCALE 1:200 FT.
VIRGINIA MINE, APR. 1912

ESTIMATE 4028.3 TONS.
Area 19100 Sq. Ft.
Height of Ore 12 ft. 6 in.
Volume 3000.00 cu. Ft.
Factor 14.00.$ per ton.

W.C. YAWKEY ESTATE.
SCHLEY MINE

PART OF 101 FT. LEVEL.

SHOWING AREA WHERE ORE HAS BEEN LOST OVER THE BACKS.

SCALE 1"=20FT.

VIRGINIA MINE, APR 1812

ESTIMATE 982.8 TONS.

Area 3440 Sq. ft.

Height of Ore over backs 4.8 ft

Volume 17450 cu. ft.

Factor 14 to 18 per ton.

W.C.YAWKEY ESTATE.
SCHLEY MINE

CONTRACT 31, 101 FT. LEVEL.

SHOWING AREA WHERE ORE HAS BEEN LOST OVER THE BACKS.

CROSS SECTION.

ESTIMATE 485 TONS
Area 1090 Sq. Ft.
Height of ore 18.3 ft.
Factor 16.00. $7 per ton.

PLAN.

W.C.YAWKEY ESTATE.

SCALE 1" = 6'.

VIRGINIA MINE, NOV. 1911. 2.M.
SCHLEY MINE.
CONTRACT 130 FT. LEVEL.
SHOWING LOST PILLAR OF ORE.
SCALE 1:6.

ESTIMATE 125 TONS.
Area 144 Sq. Ft.
Height of Ore 16 ft.
Volume 1770 Cu. Ft.
Product 10.6 Cu. Ft. per ton.

W.C. YAWKEY ESTATE.
ESTIMATE 665 TONS.
Area 1150 Sq. ft. Height of Pillar 5 ft. Weight 3000 lbs. $1.00 per ton.

Note: Of above estimate 350 tons has been undermined and caved down by Contract No. 22. 300 tons, remaining portion of pillar not cut, could still be mined.

SCHLEY MINE
CONTRACT 29.130 FT. LEVEL
SHOWING LOST PILLAR OF ORE.

CROSS SECTION
W.C. YAWKEY ESTATE.
YAWKEY PROPERTIES
VIRGINIA MINN
MAP OF
SCHLEY MINE
SW¼NW¼ 25-50-17
150' LEVEL
SCALE 1'-50'
JUNE 1980