

The following is part of the instructions issued by the Resident Engineer as an outline of the work to be followed.

" Outline of Method of procedure for the  
Contractor  
in the  
Birgen Hill Tunnels "

by F. Lavis, R.E.

" Necessary Plant.

One adequate to keep 14 drills and 2 shovels running at 100 lbs. pressure.

Procedure.

Heading to be kept 65 ft. ahead of the sub-bench and the sub-bench 12 ft. ahead of the bench.

Heading, 8' high, 13' wide;

Sub-bench, 4' "

Bench, 13' "

Finish all drilling by 4.30 A. M.

" " Loading, " 5.30 "

" " Blasting, " 7.30 "

Ventilation complete by 8.00 "

Full force of muckers (20) clearing tracks, sub-bench and heading so that drills may be placed.

6 Men working in heading,

4 " " on sub-bench,

10 " " " tracks

9 Drillers in the mean while overlooking drills, air line drills, etc.