

Mine exploded at Quinine Shaft - 20.30 - 11.11.15.

— Gallery N<sup>o</sup> 21. Backs 25 feet.

Charge. - 270 lbs. Ammonal in Cartridge form  
70 lbs. do. do. Bulk do (10 lb. tins).  
340 lbs. Total.

Detonation. - Three electric detonators (N<sup>o</sup> 13. Mark III) in series, two being in 1/2 lb. Ammonal cartridges and the third in 1 lb. slab wet gun cotton with dry primer placed on top of full charge which was tightly packed into recess at end of N<sup>o</sup> 21 gallery.

Also one emergency detonator with instantaneous and safety fuse.

Tamping. - About 5 feet immediately behind charge sand bags packed tightly. Loose filling from there for 20 feet finishing off with 7 feet of sand bags. Total amount of tamping about 250 cub. feet. Time taken to tamp was 7 hrs. delay being caused by bad air in the gallery.

Before exploding the charge a tow flare with 3 minute fuse and gun cotton bag, was placed about 10 feet back from end of tamping so that should gasses filter through they would ignite. On examination this flare had burnt well but there were no signs on walls of drive of any gas explosion and none was heard from benches. This was due I think to all gasses escaping to the surface the tamping at the end showing no displacement.

At the time of explosion enemy was working about 5 feet distant from where the charge was laid, but no work was heard going on close to the left arm of N<sup>o</sup>-21 although it is very possible a party may have been there.

The effect of the blow completely demolished the trench above for fully 20 or 30 feet judging from its present appearance from centre of Courtney's Post.

Beyond a little of the roof of the left arm of N<sup>o</sup>-21 breaking away and also a little at the junction of N<sup>o</sup>-22 with main curtain, no damage has been done to either our underground or surface works.

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dt.  
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