

At the mine stations notices are posted cautioning the men to see that all loose rock is barred down before work is started. Ground should be carefully examined for missed holes and muckers should always examine large rocks before breaking them, as they may include part of a hole containing powder. All powder obtained in this way is put in boxes prominently placed at different places in the mine.

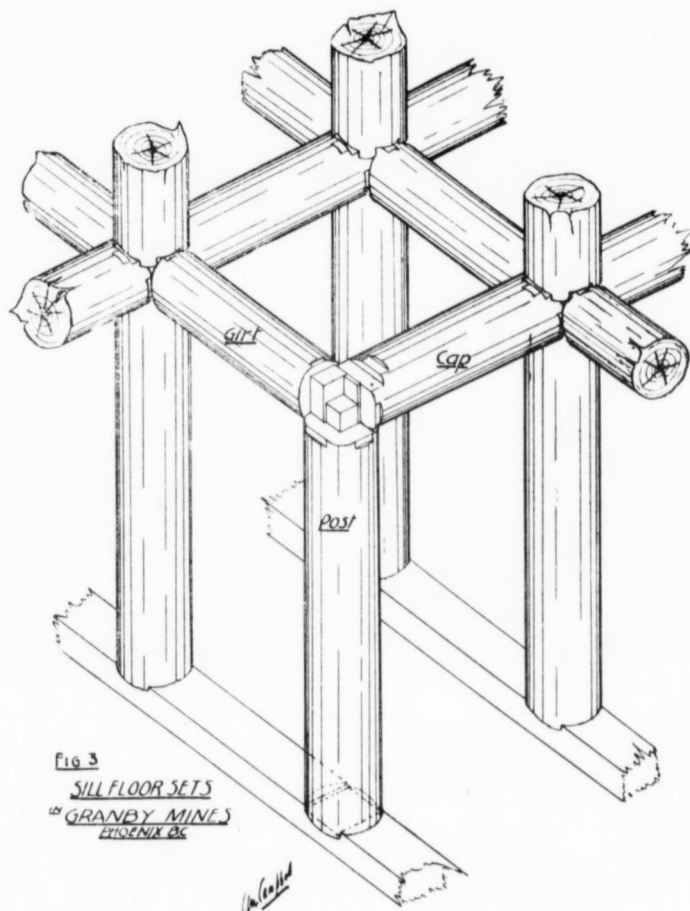
THE ORE QUARRY.

This is worked in connection with the Knob Hill mine. This mine is entered by a tunnel from the

At the lower end of the quarry ore is now being loaded directly into railroad cars. The method is shown in a photo. The loaded cars are run over an open trestle and dumped into the railway cars which have been switched on the track beneath.

STRIPPING.

Preparations are now being made to greatly extend the quarry workings. A contract has been given to strip a large area to the east of the present pits. On account of the contour of the ground and the fact that dirt has to be transferred across the present



neighbourhood of which raises penetrate to the surface. The ore is blasted down in the quarry and shovelled into the raises. From the chutes at the bottom of these it is run into cars and from these trammed to the bins. Work in the quarry is all done with the tripod. Larger holes than underground are drilled and much greater charges are employed, consequently very large quantities of ore are often broken down at a blast.

quarry, the ordinary stripping methods could not be employed.

The equipment in use includes two gallows frames, a double drum engine, two iron wire ropes and a couple of skips. The ground to be stripped lies between the two frames. A heavy iron rope stretched between the two acts as a tramway for the skip. This rope can be drawn taut by a block and tackle worked by one of the drums. To the other drum is attached