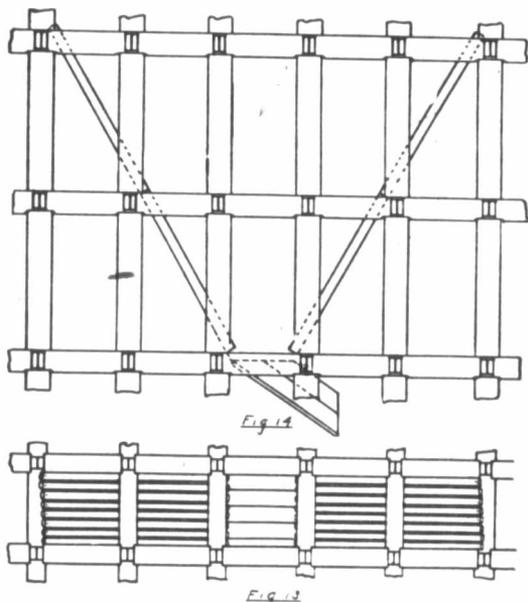


At convenient intervals an outlet was made, and between each chute gate the ore was allowed to pile up a little. The ore was trammed to the shaft in ordinary one-ton cars, and hoisted to the surface on a cage through a vertical shaft.

It will thus be seen from this brief account that a very easy and economical method of removing the ore was in vogue at the Old Ironsides.



Chute Arrangement—Old Ironsides, Phoenix, B.C.

BALTIC MINE, BALTIC, MICH.

The method adopted in the Baltic is peculiar to this mine, and is not used, as far as the writer is aware, at any other mine in the Copper Country. It is a simple system of walling up each tramway with waste rock, thereby keeping a roadway open, and filling in above with the gangue and country rock, as convenient. In this way the expense of putting in timber is minimized, which is offset by the walling and filling. The method is only applicable when the vein carries waste, or when waste rock is easily and cheaply obtainable.

The material mined is native copper which occurs in a vein of lava rock both as "shot copper" of varying size scattered through-