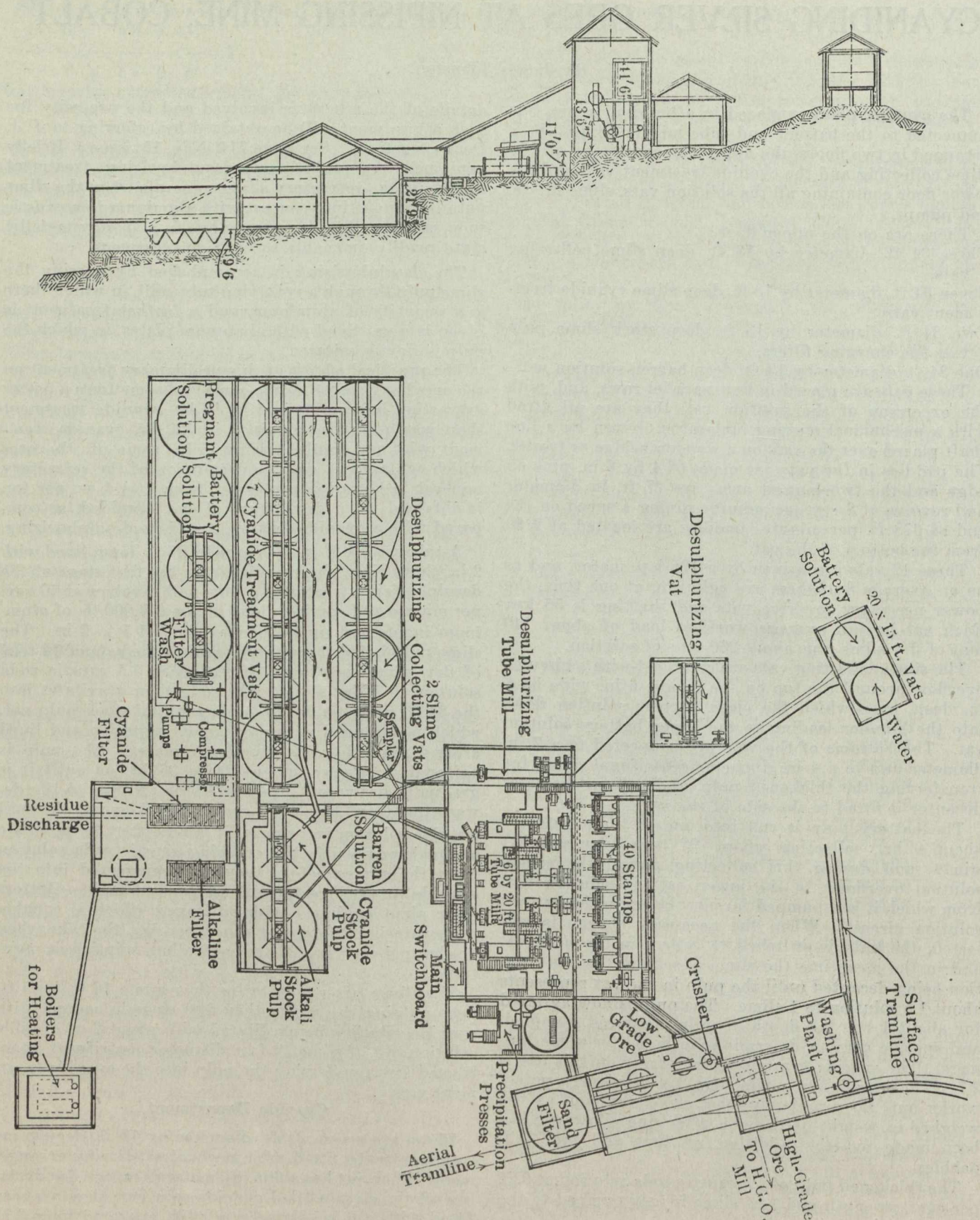




Plan and Section of the Low-Grade Ore Mill of the Nipissing Mining Co., Limited.

is obtained with a 2 to 1 dilution as with a 3 to 1 dilution. The air lift is operated all the time the charge is being treated, so that there is a possible turning over of the charge about 16 times by the air lift.

After the agitation treatment, the charge is allowed to settle, so that the clear solution may be decanted to

the pregnant solution vat. The pulp is then agitated and transferred by a 7 in. diameter centrifugal pump to the 34 ft. diameter by 12 ft. deep cyanide stock pulp vat, in which it is kept agitated until drawn off into the filter box.

A Butters filter plant equipped with 80 leaves handles