

capacity each at a height sufficient to discharge into a steamer by gravity. The shutes for this purpose descend at an angle of 40° and are moved by a counterbalanced winch easily operated by one man. The cars are dumped by an automatic tippie, upset by the weight of the loaded ore, and returned to an upright position by cast iron counterbalance weights hung upon a shaft beneath the floor. In loading a steamer 200 tons have been discharged from one pocket in 10 minutes.

The depth of water at the pier is 24 feet at low tide increasing rapidly away from the shore. The access is easy, unobstructed by rocks or shoals.

The terms of the Newfoundland mineral act are very favorable to the operators in regard to security of title, the only condition being the expenditure of \$6,000 for each square mile, no Government royalty being demanded. In this case the necessary expenditure has been largely exceeded in the equipment of the property by the Nova Scotia Steel Company who control it.

This ore will be largely used for the production of foundry pig iron.

The Nova Scotia brown hematite forms a very suitable mixture in connection with it.