

# Discoveries and Developments in Northern Manitoba

By J. A. CAMPBELL.

Notwithstanding the dearth of men in Northern Manitoba, brought about by military requirements, a certain amount of prospecting has been done this year, and some promising discoveries have resulted.

**Lake Athapapuskow**—On the border of Lake Athapapuskow several finds have been made which are attracting wide attention. Two of these, made by William Kerr and Fred Vedo respectively, are at the North East arm of the lake almost opposite Goose Creek. They were located early in the season, are in close proximity to each other, and have common characteristics. In each case several claims have been staked and other local mining men are interested with the discoverers. Some stripping and trenching has already been done and several pits sunk. Samples taken from these show chalcopryite and bernite and assays, of which a number have been obtained, indicate that the copper content is from 3 to 4 per cent.

In this immediate district representatives of the Consolidated Mining and Smelting Company of British Columbia, owners of the Trail Smelter have staked several claims. Mr. Gram, an official of the company, spent some time in that country recently. The main characteristics of these claims are similar to those above mentioned.

Farther east, at the extreme end of the lake, is a still more recent discovery made by Jacob Cook, an Indian prospector working for J. B. Cameron and associates. A small camp has been established there and commendable energy shown in investigating the nature and extent of the ore body. Some splendid specimens of chalcopryite and bernite have been taken from this property and assays run quite high. As a result the owners are quite satisfied with the prospects and are endeavoring to make arrangements for diamond drilling the property. If this approximates in extent in any way the Flin Flon property, it will be in the front rank as a producer.

## The Pine Root-Chica Claim; Phantom Lake.

Near the mouth of the Pine Root River is situated the Chica claim, one of the earliest discoveries in the district. This was taken over by a syndicate of Duluth mining men of whom Mr. E. A. Separk is the president. Mr. Separk personally inspected the property and has been over a considerable portion of the district. An item of interest that is not generally known is that a diamond drill has been working on this property all summer, and approximately two thousand feet of drilling has resulted. The work is in charge of Mr. W. J. Rashleigh and he and certain other members of the crew are also personally interested in the claim. This work is now being wound up for the season. As is usual in matters of this kind no information has been given out as to the character of the

core. It is a fair inference, however, that results have been reasonably satisfactory as it is the intention to continue the drilling next year. In addition to copper, the assays show gold and silver.

At Phantom Lake, a short distance west of the Mandy mine, Gus Rosen is doing work on claims located by him, and in which some residents of The Pas are interested. These show a variety of minerals, iron and copper sulphide and molybdenite, while assays have also revealed the existence of nickel.

**Flin Flon.**—Flin Flon camp is temporarily deserted; two years of diamond drilling have proven that the goods are there—over twenty million tons of eight to ten dollar ore. But the development and operation of a property of that extent and character demand conditions where men and materials are readily obtainable, and these conditions most certainly do not exist now. In a recent



Where the original discovery was made at Flin Flon



Some of the buildings at Flin Flon camp

announcement the Hon. Provincial Treasurer intimated that the Government would arrange for the construction of a railroad into the district at an early date. The importance of the carrying out of such a programme can hardly be overestimated and the result would be the removal of the main obstacle to the commencement of an immense copper mining industry.



Examining a new discovery at Phantom Lake



5000 tons of copper ore piled at foot of Schist lake