

and west of Greenwood. It holds the distinction of having the oldest continuously held claim in the district—the "Nonsuch." The ores in this camp occur in veins from one foot to eight feet wide, giving good values, and in some cases high silver values. A considerable amount of development has been done here.

The Republic group, a free milling quartz property, on which considerable work has been done; and the Ruby, a copper property, are the well known properties of this camp.

Graham's Camp.

Graham's camp is situated one and a half miles north of Kettle river and about ten miles southwesterly from Greenwood. There are some extensive surface showings of ore in this camp, giving high copper values, with some gold and silver.

Some very fine copper ore has been taken from this camp, notably from the Texas, Bruce and Lygia.

White's, or Central Camp.

White's or Central camp, is situated about six miles southeasterly from Greenwood, and near the international boundary line. The ore is in two general classes, i. e., the silicious or quartz ores, carrying gold and silver in galena, blende, pyrites and tetrahedrite, and the heavy sulphide ore carrying copper. Of the first class, the ore occurs in veins up to ten feet in width, and giving assays up to \$60 gold and 200 ounces silver per ton. Of the second class, the ore bodies are large and give good copper values, with some gold.

Of the quartz ore class the No. 7, Jack of Spades, and Mabel are the best known.

The Lincoln, City of Paris, and Lexington are typical of the copper-gold ores of the camps.

Wellington Camp

Wellington camp eight and one-half miles southeasterly of Greenwood, is reached by a good wagon road. The country rock here is of a dark feldspathic nature, while some of the principal ore bodies occur in gabbro, which appears in quite extensive areas, and in the case of the Winnipeg vein, the enclosing rock is serpentine; this, however, is merely an altered gabbro. The ores

in Wellington camp carry good gold values, as high as \$1,000 gold per ton have been obtained, and some of the ores carry considerable copper.

The ore is massive pyrrhotite with some copper pyrites, quartz and mispickel. The Golden Crown and Winnipeg are the best known and most developed claims here. The ore bodies are from two to eight feet wide and of a high grade gold value.

Greenwood Camp.

Greenwood, camp showing the most development, and probably the best known camp in the district, lies six miles east of Greenwood City, and at an elevation of 2,000 feet above the sea. The ore of this camp occurs in large bodies, and in nearly all cases shows with any depth a general sameness of appearance, i. e., chalcocite with hematite (micaceous iron), and sometimes pyrites mixed with calcite and some quartz in a greenish eruptive rock, showing considerable alteration and sometimes having a schistose structure. In some cases the ore bodies along their trend are capped with magnetic iron-oxide through which is disseminated in varying quantities (though as a rule small percentages) copper pyrites.

From development thus far carried on, it appears that these ore bodies occur in contact with lime and diorite, that have a general northerly and southerly trend, and an easterly dip. From a large number of surface assays taken promiscuously from Greenwood properties, it can be said that one to ten per cent. copper, \$1 to \$10 gold and one to six ounces silver, give a close valuation of surface ore; three to five per cent. copper, and \$4 to \$15 gold has been obtained from some of the claims upon average sampling of sever feet of ore. Some very high grade ore is found in this camp, assays giving from 15 to 20 per cent. copper and up to \$150 gold per ton. Some of the ores in the camp are self-fluxing, possessing the required percentage of iron, silica and lime, and all will be well adapted for smelting.

About 300 men are employed in the mines of this camp, and work on an extensive scale is being carried on by the Dominion Copper Co., and the Granby Consolidated Co. Here are located the Knob Hill, Old Ironsides, Brooklyn, Stenwinder, Victoria, Show Shoe, Gold Drop, War Eagle, and Monarch, all well known properties.