

Mining Throughout British Columbia

Receipts at Trail—Winter Activities in the Barkerville and Greenwood Districts—Petition for increased Geological Survey Work—Mining Notes.

The following is a list of the ore received at the Trail smelter, during the week ending February 29th, 1920:

Mine.	Location.	Gross Tons.
Emma, Coltern		188
Iron Mask, Kamloops		49C
Josie, Rossland		662
Molly Gibson, Kitto Landing		156
North Star, Kimberley		34
Paradise, Athalmer		45
Ptarmigan, Athalmer		52
Rossland Properties, Rossland		1234
Rambler Cariboo, Rambler		83C
Republic, Slocan City		19
Standard, Silverton		348C
Sally, Beaverdell		33
Sullivan (Zinc), Kimberley		2906
Sullivan (Lead), Kimberley		195
Total		6004

A good deal of activity in placer mining has been going on in the Barkerville district this winter. At Wingdam a crew of forty men has been employed in sinking a shaft for the Lightning Creek Gold Gravels & Drainage Co. Other shafts have been attempted on this property during the past twenty years but owing to the tremendous water pressure in the stream gravels the shafts were not successful. About a million dollars has been spent in attempts to develop the deep gravels of this creek which drilling has shown to be immensely rich, values as high as \$75 and \$80 to the cubic yard being reported.

The present company has equipped a pumping plant of 6,000 gallons per minute capacity and with all the latest equipment necessary for handling difficult ground. The work is in charge of John S. Horgan, an engineer who has had many years of mining experience in Yukon and California and besides has done a great deal of difficult excavation work for foundations of big buildings in New York, calling for the same kind of skill that is needed to get through the shifting slums of the deep gravels in Cariboo. The present shaft has been in process since October and good progress is being made on it.

W. C. Moore is putting down a cross-section with a Keystone drill at the Lightning Creek Hydraulic Mining Co.'s property near Van Winkle. This property is under the management of Lester Bonner. The cross-section will start the existence or otherwise, of an ancient channel, which, if located, will mean the opening up of valuable ground and a considerable activity at Van Winkle.

Ion Miller, superintendent of the Stouts' Guleh hydraulic, owned by the Cariboo Gold Fields Ltd., which also operates the Lowhee and Moquito Creek mines, is making preparations for an active season in the spring. A very good run of water was had last season and a larger run could have been made had the weather remained open in October, as there was plenty of water for at least two weeks more piping.

The Waverly on Grouse Creek will also be active next season, W. C. Moore having all preparations made for a piping campaign as soon as the water begins to run.

On Antler Creek, John H. Kilmer and James Burnett have been working all winter sinking a shaft to the face of the old tunnel on the Antler Creek gold mines lease. Like many others in the district, they were caught unprepared with their surface work when winter closed down about the middle of October, but Messrs. Kilmer and Burnett, although

handicapped by that reason, have been making steady progress. They will begin hoisting and washing gravel as soon as a sluice can be constructed in the spring.

Much staking has been going on in the district during the winter. Bench and creek-bed staking for placer mining, unlike that for codes, is quite practical in the winter, even with six feet of snow on the ground. Many claims have been located on Keithley, Swamp river and the lower cottonwood.

Good progress is being made with the installation of the Marsh plant on Quesnel river and Mr. Marsh expects to be raising and treating black sands for gold and platinum early in the summer.

A. D. Whittier has taken up 25 miles of dredging ground starting at the mouth of the Quesnel river and will instal a dredge next spring. This will be the first fruits of rail transportation on the P. G. E. Hitherto dredging has been impractical on account of transporting heavy dredging machinery. On Swamp river and the Willow as well as on the creeks near Barkerville there are many areas of good dredging ground which have never been developed for this reason.

A branch line of railway from Cottonwood to Barkerville, now that the government has decided not to investigate the alternative route with a view to diverting the main line, will be a necessity in order to develop this district.

Practically a dozen mines are actively operating in and near Greenwood at present and the prospects for a good year in mining are excellent.

The Bell property has been operating for a considerable period under different managements. Messrs. D. McIntosh and Crane are at present operating very successfully. The mine has produced 800 tons of ore valued at \$150,000. There are at present 15 men employed.

The Rob Roy group is being operated by the Wallace Mountain Mines, Ltd., of Penticton. Some 1,500 tons of ore have been shipped, valued at \$150,000. There are 20 men employed at present.

The Castor Fraction, under the operation of Messrs. Perry, Hanley and D. McKenzie, has shipped 60 tons of ore, valued at \$15,000. Two men are employed.

Messrs. S. M. Johnson and Stanhope have just commenced work on the Bounty mine. Indications are very promising as development advances. A crew of three men is employed.

Messrs. Rambo and Oxley have three men working the Rambler and 150 tons of ore have been shipped at a value of \$20,000. Indications are good for further shipments.

On the Wellington, James Sutherland, one of the oldest prospectors in this district, has two men employed and has shipped a car recently, producing \$8,000.

These mines are situated at Beaverdell, and are known as the Wallace Mountain group.

The Providence mine at Greenwood is working very successfully, and in previous years \$400,000 worth of mineral have been taken from this mine. At present it is being operated by Messrs. Morrison and McGillis. In 1919, \$50,000 was produced. Shipments are gradually increasing as new bodies of ore are developed, and there are 28 men employed on this property.

The Last Chance has been leased by James Poggi from the government. This mine was a constant shipper for some time of high grade ores, but has been idle for some years. Mr. Poggi will commence work immediately, sinking a new shaft and installing an electric hoist.

Two properties, the Skylark and Silver Cloud, are being operated by Messrs. Duhamel, Bryant and McCutcheon. One car of ore has been shipped. Development is being continued, and further shipments are anticipated.