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owing returns: 3 per 3.8 per cent, 4.3 per 6.3 per cent, 9.1 per me of the typical one considers that worth when considered, the possiare great, with judi-

k it difficult, with a nd cuiling, to get an comes, will it contin-nt is the risk that the

rtaining except from and so far enough has

seen, and it has a depth can be proven, developing and spends of treatment of the rofit returns, much probably that which s is by concentrating.
This can only be xperiment, and should before deciding on the

ectfully submitted

the spring and sum-

operating surrounding mountain, and no

y or by wire for

arn for the identical

Kootenay to exhaus-it affords a bare marlead in British Co-

worth inaugurating,

intage will be great

n a refinery will be

e capital, if it will

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erating notwithstand-

EO. K. MORTON

returned from a visit

neep creek, one of the mon river, in the Nel-

ncipal property there

e company are being

's impression that it

large mines of the

rs. P. A. Silverstone.

ers have a promising ated 1,800 feet from

erties. Late develop-

this group demonore near the surface

hich adjoins the Yelfor \$65,000. The own-and others of Nelson.

progress for the sale

group, adjoining the

Mining company has a

nerations may be con-

e of this city, is opergroup of properties.

o put in a camp and pment work during this, prospectors are ties, here and there n is very active.

Yellowstone.

ossland, B. C.

ROSSLAND WEEKLY MINER.

ROSSLAND, B. C., THURSDAY, OCTOBER 12, 18-9.

Fourth Year, Number 33

Two Dollars a Year.

Work on the Property Has Been Discontinued.

WILL PROBABLY SOON RESUME stated.

Shipment of flatte Valued at \$10,000 From

The Evening Star mine discontinued working Monday, and the men were paid off. The reason for this, it is understood, composing the management. It is a mar-ter for regret that the mine should shut down at the present time, as the develop-ment work has shown that there are big reserves of ore, which, with the present smelter rates, should pay well. The east smelter rates, should pay well. The east the store, the store, the winze and There is every probability that after the

Matte Shipments.

The Hall Mines smelter at Nelson ship ped two cars of matte on Saturday over

of the Zealandia group of gold-copper claims are erecting a cabin and making preparations for continuous work during

he winter.
Negotiations for the sale of the Princes group to British investors are in progress.

Messrs. Adie, Hartman and Wilson have developed a good showing of ore on

have developed a good showing of the St the Bright Future group.

Placer miners along the Pend d'Oreille, Mr. Schneider says, have had a very good season, the diggings having yielded more

gote than for a number of years.

On Red Top mountain, at Waneta, there is a good deal of activity, and great

things are expected of the copper and silver showings on the wouning claims.

The Pend d'Oreille district in past seasons, has proved a veritable paradise for hunters and fishermen, but Mr. Schneider says the trout fishing this year has proved very uncertain, while the hunting season, which has just opened, will certainly prove a failure, owing to the incursion Uncle Sam's Indians, who have hounded most of the deer out of the country.

Prof. Henry Montgomery is making report on the Pug property, near Waneta, for the company which owns the property.
Mr. George Monk, or the Bunker Hill, came in from that property yesterday. He reports satisfactory progress on the mill

Ten Miles of Wire Rope.

were manufactured by the Dominion Wire

reached and the new pumping plant will

RED LINE GROUP.

Mackintosh Syndicate Settled With New Bond Given.

effected between the Mackintosh syndicate and Messrs. Starbird, Collett and tomorrow morning.

Robinson, the defendants returning \$5,000, the amount of the first payment made on the Red Line group by Mr. Mackintosh. The amount of the bond was \$100,000. The Mackintosh syndicate have released all claims upon the property. The Mackintosh syndicate brought suit against Messrs. Starbird and Robinson for breach of contract also to recover the first nament. tract, also to recover the first paymen of \$5,000, but the case has been settled as

The group has been again bonded by the Fraser-Chalmers syndicate. The figure is not known, but it is understood that is around \$120,000. Pauldin- Farnham Nelson - Development in Pend d'Oreille of New York, representing the above synother News of the Properties in the dicate, made an examination of the property during the past week. Development work has already commenced under the direction of Mr. Sutherland.

The Bornite Bank.

Mr. J. R. Cranston, manager for the is some misunderstanding among those composing the management. It is a matbeen worked continuously for two years, and has been under development with slight intervals of cessation for five years. shaft in the clear after timbering. Assessment work on the remaining five claims next meeting of the stockholders operations will be resumed.

sessinent work of the the completed, and the owners are well satisfied with the results

Lake and the Boundary Country.

Iron Colt Reconstruction.

Editor Miner: Please give me any iu-

Mr. Arthur Schmelder, is from Remained form a new company, the above of the cutting of the cutti

Grand Forks, writes Mr. Smith Curtis under date of 8th inst., that below the footwall of the present ore body he has struck a new body of good size. He is not sure but thinks the two ore chutes will coalesce. The ore body in which Mr. Macaulay, with three shifts has been working for the past six weeks has varied force. 30 inches to six feat wide and was from 30 inches to six feet wide, and was five feet wide on the first of the month. There are, it is estimated, over 400 tons of shipping ore on the dump that will run over \$20 per ton.

Dr. Kerr and Mr. John Dean returned yesterday from a visit to the Peoria mine which they left here on Saturday last to inspect. The result of their trip was the utmost satisfaction with the property, which comes up to the fullest expeciation. On the way over they encountered a heavy snow storm after leaving Whitewater and on arriving at the mine they found snow on the mountain to the depth of a foot. There are six men engaged in development work on the property under the superin-tendence of Foreman Finnegan. The shaft The Hall Mines, limited, of Nelson, have is now down 35 feet, and considerable just closed a contract with Mr. James D. work has been done in croscutting. A few Sword for a new steel wire tramway rope tons of good ore sacked and will be sent to the sampling works at Kaslo. It has been decided to let a contract to the sampling works at Kaslo. nearly 70 tons, and weighs about 35 tons. sink further and then drift. Just before It is to replace the old cable, and will be they arrived a splendid vein was struck specially manufactured for the work reon the hanging wall near the surface. Dr. quired, and is being manufactured by the Kerr said in speaking to a Miner repre-Dominion Wire Rope company, limited, sentative yesterday that their inspection of Montreal, represented by Mr. Sword This will be the fourth a magnificent property, which, with more cable used at the mine, each cable lasting development would prove to be a mine. They were thoroughly satisfied with the showing. He thought it possible that ow-ing to the difficulty of obtaining labor The shaft of the Great Western has been pumped out and sinking has been resumed. If the management can get along without installing the new Jeansville pump the sinking will be continued in the shaft with the shaft wi

Chief Justice Tuck of New Brunswick, arrived in town last evening and is staying at the Allan. His lordship has been visiting coast and interior points, where members of his family reside, and will not return to his maritime home for a couple of weeks. He is delighted with the west, in which he has met a large number of his old friends. Sheriff Tuck of Nelson, ac-

MORE SMELTERS IN BOUNDARX

Lake and the Boundary Creek Country-Where the Most Activity Prevails at Present-Many Items of Interest.

The Boundary country continues to be The Boundary country continues to be the most active section of Southern British Columbia. Not only are the properties be ing rapidly developed under the stimulus of railway construction, but the smelter question for the district is being pressed to a settlement. In the Slocan what few miners are still working are doing only surface work, and the close-down is tighter the surface work, and the close-down is tighter. The owners of the Swansea mine expect smeller rates, should pay with the stope, the winze and engaged erecting a shaft house so that than ever, without any present promise of and west drifts, the stope, the winze and the tunnel are all full of ore, and during the present year 1,000 tons have been shipped to the smelter. The mine has now will be let on Saturday next, and on Monanother fortnight will see most of them in

> Appended will be found items of interest from East Kootenay, the Slocan, Trout

THE BOUNDARY COUNTRY.

Progress on Many Properties-30,000 Tons

Mr. J. J. Macaulay, superintendent of the Humming Bird mine, on the north fork of the Kettle river, ten miles from Grand Forks, writes Mr. Smith Curtis and Forks, writes Mr. Smith Curtis shipments are to start as soon as the rail-shipments are to start as soon as the rail-shipment shipments are to start as soon as the rail-shipment shipments are to start as soon as the rail-shipment shipment ship

ter. Mr. Harry Gager, a well known min-ing engineer, has decided to locate on the site adjoining the Granby smelter, pro-vided Mr. J. P. Graves gives the water

vided Mr. J. P. Graves gives the water supply on reasonable terms. No difficulty in this particular is anticipated.

The flotation of the Dominion Copper Company, Limited, will be undertaken simultaneously in Toronto and Montreal shortly. The company has purchased and amalgamated these Phoenix properties: The Brooklyn and Standard copper mines, the Stemwinder and Montezuma copper the Stemwinder and Montezuma copper mines, the Rawhide copper mine and the

Idaho copper mine.

The vein on the Morrison, in Deadw camp, at a depth of 220 feet is 96 feet wide, and drifting east and west will be pushed with vigor. Several hundred tons of ore, removed during the crosscutting of the vein, have been piled on the dump. A 10-drill compressor has been contracted for, but owing to prior orders will not be delivered in less than three months.

It is estimated that there are 30,000 tons of ore on the dumps of the Old Iron-sides and Knob Hill mines, in Greenwood camp, which was taken out in development
The Shamrock and Thistle, owned by D. C. Beach, C. S. Wallis, R. Dalby Morkill Jr., and John McKane, have yielded some of the highest grade ore yet found

on Shamrock mountain.
The Old Ironside at Phoenix camp putting up a large bunk house to accommodate 200 men This company has about

modate 200 men This company has about the best appointed hotel for their men to be found in the country.

The C. P. R. graders have been blasting out ore on the Oro Denoro in Summit camp at a point 250 feet north of the place where they had previously opened up a large body of shipping ore, thus indicating that the vein or series of parallel yeins have great depth.

Work on the Copper Queen, a claim in the Hidden Treasure group near Haskins creek, has exposed some very fine ore.

A new strike has been made near the harmonic and the Boundary of the Boun

creased as soon as the hoist arrives. It is intended also to put in a steam drill. The company is also developing the Rover, the

EAST KOOTENAY.

The Lake Shore to Ship—Concentrator at the St. Eugene Completed.

The tunnel on the Little Chief mine 18 The concentrator at the St. Eugene m will be completed about the 20th.

The Pretty Girl mine in the Winder

The owners of the Swansea mine expect week from the Hillside, at Whitewater. Star tramway has been completed. This right of way is one and a half miles long and 150 feet wide in the clear.

output, however, is not being specially pushed, and the shipments only represent the ordinary work of the mine. The details of the shipments are appended.

course of construction.

On the Annie F. group, located on Tenderfoot creek, and owned by Walter Phelan and J. C. Lynch, the tunnel is now in some 15 feet and exposes a body of high grade gold ore. Several assays have been made on the product of this group, and

Lake. A great deal of work has been done on this claim, which has resulted in exposing a body of ore which runs 218 ounces in silver.

Work on the Copper Queen, a claim in

drift, opening up a ledge 10 feet wide, which will assay about \$50 to the ton. A five-stamp mill is being installed on this troperty but the building and power will be large enough for 10 stamps. On the Sailor, in Camp McKinney eight men are working, which force will be insert a working, which force will be insert a working. The being the bein

property a copper lead three feet wide has been discovered. Some of the samples from the new strike run 60 per cent cop-

easily dwarf anything in the copper line

Ground-Shipments.

A test shipment of one ton was made last

on the Okanogan.

the head of Surprise creek and owned by W. J. Carroll, is the latest strike. On this MR. J. S. BAKER ON THE I. X. L.

the Season-More Gold Being Saved on the Okanogan-Work on the Mohican-Notes

THE SLOCAN.

Mr. John S. Baker, of Tacoma, the largest individual shareholder of the I. X. L.

Gold Mining & Milling company, owing the 1. X. L. mine on O. K. mountain, arrived The Jackson sent out 32 tons during last visit to the property. Mr. Baker, who was a guest at the Allan last night, said to a Miner representative, in reply-to a query The Reco is to have some underground arreving done by Surveyor Hirsch.

A test shipment of one ton was made last A test shipment of one ton was made last week from the Hillside, at Whitewater.

The Ruth will supply its own elsctric ight from a plant to be put in at the continuous continuous description. light from a plant to be put in at the con-centrator. centrator.

The Slocan Star let the contract last week for 200 feet of new work—half in tunnel and half in a raise. There are four or five men at work on it.

last, when we decided to commence were again. I have been very much pleased with the results so far obtained since we opened up again. There is plenty of caprical behind the present development. We The crosscut tunnel being driven on the Minnie M. and Tiger is now in 160 feet, and the ledge was encountered at that point Crosscutting the ledge has been commenced. It is expected to be from six to eight feet wide.

Work on the Chickamon Stone is progressing rapidly. The main tunnel is now in 266 feet, at which point a crosscut is being run to tap a parallel lead. The shalt is down 35 feet. About a dozen men are now employed, and this force will be added to as room can be made.

A contract has been let to run the tun.

The ore body now opened up at the Rambler insures steady work and continuous shipments. This property will be one of the heaviest producers in the camp this winter.

Owing to a disagreement with the forceman the men employed at the Whitewater mill all walked out last week.

The American Boy now has four feet of concentrating ore in the lower tunnel. There is not a more promising property in the camp just at present.

The Ajax Fraction will be on the ship-in the results so the countinuous of the Rambler insures steady work and continuous shipments. This property will be one of the heaviest producers in the camp this winter.

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The American Boy now has four feet of concentrating ore in the lower tunnel. There is not a more promising property in the camp just at present.

The Ajax Fraction will be one of the have just now over \$20,000 in the treasury and any further money tuat may be required will be forthcoming when necessary. No. 1 tunnel is now in 150 feet, and in the results so the level upon to capture the lower stands of the later was planted the present development. We have just now over \$20,000 in the treasury and any further money tuat may be required will be forthcoming when necessary. No. 1 tunnel is now in 150 feet, and in the results so that the Rambler in the R

A deal is pending on the White Warrier and Snow Flake, a strike made this fail ment the Lade group. This property is ment, and the result of the smelter test would be saving money by ahipping direct will be awaited with interest. The smelter ment is a construction.

The trail to the Silver Bell, on Five Alies creek, has been completed, and quantities of supplies are being packed in in preparation for a winter's work of development.

A splendid chute of ore was struck recently in the big crosscut at the Silver Cup. The particulars of the strike have to the the best yet encountered even in that rich property.

A deal is pending on the White Warrier and Snow Flake, a strike made this fail ment, and the result of the smelter in the first instance. I do not know of any lower rate than \$4.50 and known of supplies are being packed in in preparation for a winter's work of development.

A splendid chute of ore was struck recently in the big crosscut at the Silver Cup. The particulars of the strike have compared to be the best yet encountered even in that rich property.

A deal has practiculary oven closed whereby J. Rutherford obtains a bond for \$7,000 on the Effig group on Cariboo creek. The terms of the bond are \$1,500 cash in three months, 20 per cent in 90 days from date of .first payment, and the balance on August 1st, 1900.

A deal was made recently whereby Alexander Ferguson obtained a half interest in the Smelter weights for Last Week's Heavy Output.

The Exact tonnage for the week ending the work will go to the smelter in the first instance. I do not know for supplies are being packed in in preparation for a winter's work of development, which will go to ward to the smelter less than a proper of the smelter will go to the smelter in the first instance. I do not know for will probably be made know for the returns will probably be made know and the returns will probably be made know and the returns will probably be made know for the returns will probably be made know for the such creek, has been completed. The pr

Manager Edgecomb Reports Higher Grade Ore-More Gold Saved.

Word was received yesterday from the manager of the Okanogan Free Gold company, Mr. A. H. Edgcomb, that the ore at present being run tarough the company's mill is of a distinctly higher grade than that formerly crushed. More gold, Mr. Edgcombe reports, is now being saved every 12 hours than was saved in every 24 hours' run during the first month the mill was in operation. The shortness of the best appointed hotel for their men to be found in the country.

The C. P. R. graders have been blast mig out ore on the Oro Denoro in Stimm it camp at a point 250 feet north of the place where they had previously opened up a large body of shipping ore, thus indicating that the vein or series of parallel veins have great depth.

An enormous strike is reported on the Monarch in Phoenix camp. The strike consists of a ledge from 300 to 400 feet wide and assays from \$40 to \$50 to the ton in gold and copper. It is the intention of the company to immediately erect a large bunk house, boarding house, etc.

A fine strike was made lately on the Waterloo, in Camp McKinney, in the west