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RICH EAST KOOTENAY

MR. DREWRY SPEAKS OF ITS RE SOURCES AND ITS GREAT PROGRESS.

SULLIVAN SMELTER PROJECT.

"Each time I revisit the East Kootenay country I am amazed by the new things in the mining line and the development made in the interval between is forging ahead by leaps and bounds, as depth is attained, yet, strangely, the this at the presen time. Later the importance of the country will be apprecieral weeks' trip through East Koottenay, and his impressions are summed up in the foregoing paragraph. He visited erties working on the St. Marys river Movie. Marysville, the St. Mary's river and district," concluded Mr. Drewry, Moyie, Marysville, the St. Mary's river valley and other sections of the country lying east of Kootenay lake, and was surprised and delighted with the signs of ement all along the line.

"At Moyie," said Mr. Drewry to a Miner man last evening, "the developpushed ahead with a crew of 85 men. The principal work in hand is the sinking of the three-compartment shaft. This is located between the north and south veins on the property, and has reached veins on the property, and has reached a depth of 105 feet, bringing the bottom of the shaft 20 to 25 feet below the level of the lake. The work has advanced efficiently to demonstrate that the water problem is solved. The shaft is only 400 feet from the lake shore, and it was predicted that the workings would be de-luged by water. This has not been the case. In fact we have found that the formation is exceedingly hard and impervious to water on the lake side of the shaft, so that the only water coming into the shaft has been the natural seepage from the hill above, a matter of six to eight buckets per shift, which can be readily handled with the bucket. It has not, therefore, been necessary to even instal a pipe, a feature that is of martance in the continuance of the work. The new shaft house is completed. This is a building about 50x140, and will be fully equipped for the shaft work. It is the intention of the St. Eugene copany to sink the shaft to a depth of 140 feet and to turn off the first level at 125 feet. From the 125 foot station it intended to drift in either direction to open up the north and south ledges, mate distance of 50 feet. The programme is to drive under the ore bodies in the north, south and cross veins. These ore bodies have been proved above the level of the shaft by the upper workings of the shaft by the upper working the upper workings of the shaft by the upper working the upper work the mine and below to a distance of 300 feet by diamond drilling. Other development is proceeding elsewhere in the mine The St. Eugene is not likely to commence shipping in the immediate future. Lead must take a turn for the better in respect to prices before we commence shipping again, but I may say that I am looking to a material change at the end of the

"On leaving Moyie," continued Mr. Drewry, "I went to Marysville, which is the centre of very considerable activity arising out of a smelter enterprise inaugurated by the Sullivan people. brick making plant has been installed and a force of 20 men are now engaged in turning out brick for the smelter building as rapidly as possible. The water for the brickyard is supplied by a flume and ditch a mile and a half in length which has been completed. The clay deposits at the point where the yard is located are inexhaustible and of fine qual ity. Senator Turner and a party of Sul-Thursday, accompanied by a smelter expert. The latter proceeded at once to lay out the smelter site. The ground chosen for this purpose constitutes an ideal smelter site in every way, not the feature, as you will readily understand, being the existence of splendid water power afforded by the falls of Mark creek. Construction work is to be started at once on the smelter and will be continued without cessation all winter the light snowfall in this dis trict not interfering materially with building operations. The Sullivan people have made application to the govern-ment for 2000 inches of water in Mark creek for manufacturing purposes. An unnoundement of the utmost importance has been made by Senator Turner, who states that a refinery plant will as suredly be established in connection with the smelter. This means much to the silver-lead producers of the province and of East Kootenay particularly.

There is noteworthy activity in the railroad line also. A corps of engineer has been working for several weeks un-der the direction of Chief Engineer Lumsden between Kimberley and Marysville. They have completed the survey of the spur from Kimberley to the van mine, and from Kimberley to Marys ville and below to the smelter site. This line will handle the ore between the Sullivan mine and smelter. More important East Kootenay district generally anadian Pacific is alive to the the Canadian Pacific situation in the St. Marys river valley. Presumably to head off the Jim Hill interests, who obtained at the last session of the legislature the charter for the Crawford Bay & Fort Steele road, Engineer Lumsden has received instructions to proceed immediately with the location of a C. P. R. line up St. Marys valley westerly from Marysville. Furthermore this work has been started, a big cre of surveyors is at work, and when I left the line was located for four miles up the river. The significance of this mov will be apparent to anyone who has given the proposition any thought.

"From Marysville I went up the St. Marys river, past the lake, taking the west fork to the Great Dane property, in which I am interested. Ten men are at work on this proposition, and while I was on the ground I gave instructions for the erection of another large cabin for the accommodation of the men during the winter. On arriving I learned of an PROGRESS.

interesting discovery that had been made on the Fisher, one of the claims comprising the group. The men had found fine float above the highest known vein, and after some prospecting located the lead with an open cut. It proved to be a strong vein of steel galena coming up to the grass roots. This parallels the known Fisher vein at a distance up the hill of about 70 feet. The new lead has been stripped for a considerable distance. The main tunnel on the group, which starts on Great Danie ground, is in a distance of 85 feet. The showing is magnificent. The copper found throughthese trips. The East Kootenay country out the galena appears to be increasing but the outside world knows little of galena continues strong. A crosscut has been started to cut the Great Dane vein, and this will be continued to tap the Fisher No. 1 and 2 leads, both of which ated," says J. C. Drewry of this city. Mr. dip toward the Great Dane vein in such Drewry returned yesterday from a sev- a manner as to indicate that we will encounter both within a distance of 150

feet.
"There are quite a number of prop-"and the country is indeed most promis ing. With favorable transportation facilities the district is bound to come to the front rapidly."

Mr. Drewry leaves this morning on a trip to Kaslo and Crawford creek, where ment of the St. Eugene mine is being the Will inspect the work under way on the St. Eugene mine is being the True Blue and Commonwealth groups respectively.

OPERATIONS ON THE PROPERTY ARE TO START ON

TUESDAY.

SCALE OF WORK ON THE ABE LIN-COLN TO BE MUCH EX-

TENDED:

Work will be started on the White Bear property on Tuesday. The first operations to be commenced will be in means the pumping out of the 350 foot shaft and the drifts at various levels, resident of Rossland who is desirous of the operation will be convented. the operation will be somewhat protected, probably three weeks. On the conclusion of this work a contract will be let for the sinking of the shaft. The company will not come into dispute with

THE ABE LINCOLN.

The management of the Abe Lincoln mine is arranging to proceed with mining operations on a comprehensive scale, underground work is not far distant; the necessity of retimbering the lower the week, and the mine now has two half of the shaft and of straightening complete shifts on stoping. In addition the shaft in order that it may be utilhas been made by the company with the West Kootensy Power & Light company of a crosscut on the 800-foot level. From time to time other features of operate the property. Orders have also development will be proceeded with. been given for the largest size Gardner delectric drill, which will be installed and the No. 1 mine of the Le Roi No. 2 probably in operation not later than group. The mine has been unwatered, November 15. The company has also adard and stoping operations will be commencopted the plan of having visitors to the mine sign a release before going underground. This is intended to apply to all with the exception of employees, and is with the exception of employees, and is printed on a neat card and worded in printed on a neat card and worded in the week and will be continued for the the week and we were the wee responsibility for liability to his person from any cause whatsoever while in or upon Abe Lincoln ground.

LEADVILLE DRILLING CONTEST. Leadville will hold a grand miners' sock drilling contest on October 24, 25 and 26, open to the world. The purses are the largest ever offered for a contest of this character, and the committee is in hopes that the best teams in the mining camps of the west will participate. The carnival is held under the au-

spices of the Elks, and mine managers and business men have subscribed liber-

WAS OVER FOUR THOUS-AND TONS.

PRODUCT OF THE CAMP SHOW-ING A SATISFACTORY INCREASE.

Over 4,000 tons of ore in a week last night. The tonnage is growing rapidly, each week adding materially to the aggregate. Last week's total is the biggest since the mines resumed operations, and it would seem as though the old tonnage is reasonably close at hand. Then with the other Red mountain pro-

will be wholly restored in the Rossland THE OUTPUT. The output for the week ending Octo-

ducers at work, the normal conditions

	ber 12th and for the year to	uate
3	as follows:	Vac
d	Week.	168
į	Le Roi 3520	117,5
į	Le Roi No. 2 600	26,1
	Le Roi No. 2	54.6
Š	Centre Star	20.1
	War Eagle	1.577 Inches
	Rossland G. W	8,4
	Iron Mask	3,7
è	Homestake	
	T V I.	2
	Spitzee 10	
	Spitzee	er research
	Velvet	
ş	Monte Cristo	
ě	Evening Star	
á	Giant	
ĺ	Portland	
	4100	231,
	Totals 4130	۵۱,

In connection with the output it is extremely interesting to note how the shipments from the Rossland camp tonnage for the week previous to the resumption and for each week since, the date specified being the last day of the week in each instance:

Were indications of oil at several points in the valley have secured by charter are entrance through the valley by Wigwam river.

Some years ago the December 1.

	Tons.
August 31st	
September 7th	1520
September 14th	1650
September 21st	1740
September 28th	2480
October 5th	3070
October 12th	4130
October 12th	The World State

and bounds. In the Le Roi stoping has gone ahead steadily, and with splendid results, as will be seen by the produc-tion table. Of the Le Roi ore shipped 2,500 tons was actually mined and the balance of 1,020 tons was taken out of and the date of the active resumption of the No. 2 ore dump for shipment to Trail. A new shift went to work during the week, and the mine now has two the first development work attempted ized as a two-compartment working shaft since the resumption was, got under necessitating some delay. A contract way within the last day or two and is going ahead rapidly. It is in the way

Tomorrow work will be commenced in

present in the No. 1 tunnel. Everything in connection with the mine is looking

1. X. L.-The date of resuming work in the mine is doubtful at the present moment, although the management will not delay the commencement of operations beyond the end of the prese month provided they finally decide resume during the present year.

Abe Lincoln.-The unwatering of the shaft has been completed and the work of timbering from the bottom of the shaft to the point where the new timbers have already been set is now under way. The shaft was used as a one-compart-ment working shaft. The programme as outlined necessitates the shaft being

been continued and good progress made. The drift is now in for something over THE OUTPUT FOR LAST WEEK ore, the material shipped being taken out in the ordinary course of mining. It is intended to continue the drift for the present. Later a programme of other development may be announced.

White Bear.—The management of

the White Bear announces that work will be started in the mine on Tuesday. The first work will be that of unwatering the shaft and workings, the pumps already installed at the power house being util ized for the purpose. The shaft is down to the 350 foot level, and this with the other workings will probably necessitate three weeks pumping. The management

ations are resumed actively.

The O. K.—Prospect work has been transferred from the upper workings to the lower tunnel, and a track is now be-ing laid to facilitate the operations. The progress of the prospecting is awaited with keen interest, the opinion being freely expressed that ore equal in rich-ness and extent to any yet extracted from the mine is likely to be encountered as the work proceeds.

EAST KOOTENAY OIL. Indications of the Pressure of Petroleum in the South.

One of the various resources of Southeast Kootenay waiting for devel-opment is the petroleum found in the Flathead valley in the southeastern portion of the Fort Steele district. This is a section of country but little known, and is separated from the remainder of the district by a high range of mountains. The natural outlet of the valley is down the Flathead river into Mon-tana. At the present time there is a trail from Elk river up Wigwam river to the head of the valley. The promoters of the Kootenay Central Railway company recognizing the fact, which was well known to them, that there

attention to the finding of crude oil in the possession of some Stoney Indians who annually hunted in this valley. and they were induced to show some miners where they obtained the oil, which they (the Indians) were in the habit of using the extension of the lower tunnel at the preparation of the mine for shipp a short distance north of the interna-

ley is to the south, the nearest and contractor will undoubtedly finish the most convenient route is from Elko on work within the 90-day limit. The tram

THE YELLOW METAL.

R. D. Moss and Sandy McAdams, of Barkerville, are among the guests at the ed, one of 100 tons capacity and a second Hoffman House. Both have resided in the Cariboo country for the past five ore will be loaded into carts or sleighs the Cariboo country for the past five years and are thoroughly posted on all the properties of any importance in the Barkerville district. Mr. Moss owns a promising prospect on the Big Valley gold fields. During the present summer he succeeded in getting water on the ground and is doing some washing. The result of this is partially demonstrated by a fine collection of nuggets he has by a fine collection of nuggets he has with him. Some of the nuggets are as will be constructed. The road approaches large as a robin's egg, and carry the fine white quartz characteristic of Cariboo washings. What he terms the fine gold is in flakes the size of a grain of wheat and less. The collection is very well worth seeing.

BATHING IN JAPAN.

Foreigners in Japan are complaining about the bathing regulations made by the Japanese authorities. A writer in the Kobe Herald is especially hard on Japanese prudery. He says: "To show how little these decency reg-

ulations are understood by those respon-sible for their enforcement, and also as a bright and shining example of un-swerving devotion to duty, the case of the Suma policeman deserves to be put on record. He was seen the other day disporting himself in a suit of foreign pajamas. Where he obtained them is

shipment. During the week the drift west of the shaft on the 100 foot level has ORE TO BE SHIPPED WORK IN THE MINES

WILL PROFIT BY NEW

ROAD,

SOON BE IN SHIPPING FORM.

ing winter. Sam W. Hall, superintendent of construction on the wagon road, and Cascade mines, was in the city over Sunday, leaving yesterday for the work under his care. Mr. Hall the city.

In addition it may be reasonably in addition it may be reasonably in addition it may be reasonably in addition. reap a substantial benefit from the construction of the road quite outside of the encouragement afforded the mines that will be enabled to ship ore. The ment of pumping. Today the boilers during the next year or two. The stumpage on this will more than second the gov-ernment on the long run for the expense incurred in the construction of the road, part of the revenue. This did not enter into the calculations of the lands and works department when the road was authorized, so the government is in a sense that much ahead.

Referring to the mines, Mr. Hall states that work is progressing smoothly on the Cascade and that the upraise to con-

where they obtained the oil, which they (the Indians) were in the habit of using as a medicine for complaints of all kinds. The surface indications are indications are good and prior to returning to Rossland Mr. Hall will put a force of men on the Bonanza. The work contemplated is the extension of the lower tunnel and distance north of the interna-boundary line is a black oil the intention to have both mines ship

nish their own muckers; second the contract will be for sinking in the shaft, where muckers are not employed, the men who can be put to work to adminers performing this duty themselves.

Mr. Guernsey will be in charge as superintendent, James J. Warren, manager and applying for employment, of the White Bear company, is personally conducting the arrangements for the result in appropriate that forthcoming events that already that forthcoming events that already sumption of work.

Resisant.

At the big mines on Red mountain the being mines on Red mountain, and there is a learned oil. And the finding of crude oil. And the finding of these indications over such a large area, there is plenty of surface indications of crude oil. And the finding of these indications over such a large area, where is a large oil field the men who can be put to work to adaptive that there is a large oil field awaiting capital to develop it. And we may expect that in the near future that of these is the 100 tons tramparate that in the near future that in the oil fields in Southeast Kootenay will be known all over the world.

Though the natural outlet of the valuations, is well under way, and the valuations of the winter. The cations of crude oil. And the finding of these indications over such a large area, there is plenty of crude oil. And the finding of these indications over such a large area, there is plenty of crude oil. And the finding of these indications of crude oil. And the finding of these indications of crude oil. And the finding of these indications of crude oil. And the finding of these indications of crude oil. And the finding of these indications of crude oil. And the finding of these indications of crude oil. And the finding of these indications of crude oil. And the same formation would go to show that there is a large oil field and in the same formation would go to show that there is a large oil field and in the same formation would on the same format the Crow's Nest line up Wigwam river.

-Fort Steele Prospector.

is constructed on the same principle as the Le Roi aerial tramway, one man at the headworks handling the entire apparatus. At the foot of the tramway, approximately two miles below the headthe ore house from the rear some dis-tance above the floor; and the loads are the box from the rear and entirely does away with the necessity of shovelling. On the lake front the water is deep the railroad in Rossland. The latter feature is probably not to be seen else-where in the Kootenays.

PLACER GOLD FREAKS.

A curious phenomenon in connection been noticed in Alaska. To some of the lakes in the interior the streams come down with torrential grades. When the warm weather of spring

MINES IN ST. THOMAS MOUNTAIN SMALLER PROPERTIES TO OPER-ATE AS WELL AS THE LARGER.

LONDON-RICHELIEU GROUP WILL WHITE BEAR PUMPS READY-ABE LINCOLN AND O. K.

ACTIVE.

The prospect for a bright season in The St. Thomas mountain district will Rossland during the approaching winter be decidedly active during the approach- is excellent. No one doubts that the big proceeding with development on a large scale before the new year opens. Aland managining director of the Bonanza ready the mines have full crews in the stopes, and as the forces grow the usual development will be picked up and continued. This will prove the backbone of

within 10 days, the only work remaining being some 6000 feet of light grading.

L., Green Mountain, Abe Lincoln, O. K., He also guarantees that the road will be an excellent thoroughfare, winter and summer. The government is likely to the summer and summer and the summer is not summer in the government is likely to the recognition the property.

that will be enabled to ship ore. The ment of pumping. Today the boilers major portion of the road skirts a will be fired up and the pumps actually swampy plateau which is covered with magnificent timber. Since work was started on the road a number of lum- and passed them as satisfactory. On the bermen have visited the spot, examined conclusion of the pumping a contract for the timber and filed locations on most of the continuation of the workings will be the ground. Many millions of feet of timber are awaiting the axe and will be cut during the next year or two. The stump-

for a couple of weeks.

J. Y. Cole is working on the O. K, and has removed the scene of activities from which otherwise would not have formed the upper to the lower tunnel. From there a crosscut tunnel will be run to prospect for the lead. At the point the vein is cut off a sandstone dyke oc-curs, and this has disturbed the forma-tion. Mr. Cole will crosscut to the north, taking an opposite direction to the other crosscuts in the lower tunnel, which have

always been to the south. The sand-stone is easy to drill, but somewhat diffi-cult to break satisfactorily.

The Abe Lincoln management has just placed a large order for timber to be used in timbering the shaft. On the comple-tion of this work the underground opera-

The I. X. L. is expected to start within the next few days. All arrangements to this end have been completed and operations can be resumed at short notice.

At the Green Mountain and Spitzee

At the Green Mountain and Spitzee mining operations are quietly progressing. The former is certain to, and the latter probably will continue operations without a break all winter.

These features are likely to bring business to Rossland, and all tend to make merchants and others look forward with pleasant anticipation to the approaching

SLOCAN ORES.

A great deal of comment is caus mining circles over the activity of the Canadian Smelting works in securing the bulk of the output of the mines this section and especially along the K. & S. It is also claimed that the title to the iron deposits around Kitchener has been made over to a high official of the C. P. R., and associates. This, with the line near Kaslo, gives the Trail smelter all the necessar fluxes. They have also gone into t dry ore belt around Slocan City, Silverton and Enterprise and at low ures have secured the output of best mines in that section. The fact that they have made no effort for this class of ore before, coupled with their desire to secure the silver-lead output-look very much as though they intend building a refinery. The Kaslo & Slo-ean railway, as the situation now stands, is made a feeder of the Canadian Pacific instead of Northern, thus cutting off the haulage over that road to the American sm ers. As the situation now stands, will the Great Northern, to protect their interests, be compelled to erect a smelter of their own?

These facts should revive the ques-tion of the erection of a smelter at enough to permit barges and tugs to approach the bins, and the craft will be creat Northern interests. The mines in this vicinity will be benefitted by manner as the ore cars are loaded on the competition thus resulting and the

AT GRAND FORKS.

New Saw Mill-Reorganization of the Pathfinder.

GRAND FORKS, B. C., Oct. 15 .- Lequime & Powers, of Midway, have com-menced the construction of a new saw mill at Smelter lake, two miles from this city. The plant will have a daily capa-