on. Mr. Justice d dated the 11th all creditors and against the trust ed, are required re named trustee the trust estate, declaration, tont of the securithem, addressed Esq., Trustee of ick M. Shoults, n. N. W. T.," on of October, 1902. given that, purns of the said at the expiraas aforesaid the liberty to distriany part thereof entitled thereto, claims of which James J. Dunlop, he, the said trusble for the trust eof so distributed se claim he, the have had notice setribution of the art thereof. this 15th day of

ROBERTSON

MPROVEMENTS.

claim, situate in Division of West here located: Adoys, about one-half ternational boun-Northport road. N. F. Townsend, . B 56835, intend, date hereof, to apcorder for a certints, for the purcrown grant of the

notice that action, nust be commenced of such certificate

y of August, A. D. F. TOWNSEND.

D A POLICEMAN. Behind, Broke His

eaked Away. ug. 26. — Policeman the Gates avenue n, while on patrol ock yesterday mornown and severely ins bicycle rider. The when Bradley was nue at Greene.

ne up suddenly from him on the back. nst the curb. The red before the policehimself up. Bradley re of the left wrist bruises. He was rery's hospital.

PHYXIATED.

Case Was One of and Suicide.

ug. 26.-Mrs. Josephrs old, and her niece, found dead in bed ay. They had been asfinating gas which om from a fixture instove and a gas jet. o made the investise was one of homi-Relatives of the dead was demented.

LEE ACTIVE.

f Volcanic Dust Fell

rom Dominica today 10 in the morning oon yesterday (Monist were seen in the Pelee, Island of Mardetonations at long ard till the morning. volcanic dust fell in

ED FOR TRIAL.

V. B., Aug. 26.-Mrs. f George M. Marsten, lied of strychnine poieks ago, was commitsuspicion of causing ath.

OF MURDER.

Is Charged With the Beauchamp.

g. 26.—The coroner's d a verdict of murder Fortin for the death amp during the night Fortin has been placed an investigation be-Angers, . . .

ROSSLAND WEEKLY MINER.

Per Year \$2.50.

ROSSLAND, B. C., THURSDAY, SEPTEMBER 4, 1902

Seventh Year, Number 45

30,000 MONTHLY FROM LE ROI

Interesting Statement as to Possible Production of Mine-Struck Ore in the Green Mountain-Mining.

from decreased costs of freight and treatment the Le Roi mine has blocked when the amended conditions take efit is stated that the mine will be in cation and approximate area of its ore shape to mine and ship 35,000 tons of bodies by diamond drilling, and that monthly would be an easy problem for open up considerable ore bodies at the mine to solve. Such a production depth. Sinking was steadily prosecuted the output below the tonnage stipu- resumed. lated. Under ordinary circumstances

lated business in the city. utilized for the purpose of lowering are now barely in the vein. Manager timbers and tools to the upper workings of the Le Roi, where much ore is being and of as good quality as any in the stoped. The ore is being taken out via camp. He is delighted with the outlook. the main shaft, but the traffic through the big shaft is being relieved by util- the situation until the crosscut is furizing the old vertical workings.

COMMENCE CRUSHING SHORTLY. to the experiments are now practically on the ground. completed and only final details require attention. The experiments are to be conducted on a comprehensive scale, and the results will not be known for a operations in connection with the cop-

In view of largely enhanced ship-portance. Ore has been struck in the ments at a comparatively early date 400 foot level of the mine, and the ledge is being crosscut at that depth.

It will be remembered that when the present two-compartment working out large reserves of ore to be mined shaft was commenced at the Green Mountain mine almost a year ago the fect. With these reserves being stoped company had first determined the loore every month, and that 30,000 tons the vertical workings were destined to would involve shipments of almost 1200 to a point below the 400 foot level, and daily, and the activity thus engendered the matter of crosscutting was in iswill be extremely desirable from the sue. It was finally determined to crossstandpoint of the city generally, involv- cut for the lead on the 400 foot level ing, as it would, large increases in the without going further down, and this plication for more favoable freight and working forces which now include some- work was started recently, Previously thing over 300 men all told. While the a crosscut had been started on the 100 undertaking between the mine and the foot level, but when the workings Great Northern calls for a minimum out- reached the ledge it was found that put of 24,000 tons monthly, the mine the drift made water so fast that to will actually produce considerably more prosecute it further would allow so than this amount when the contract much water to escape that extensive takes effect, as a liberal margin will pumping apparatus would be essential such was not the case is well known in be provided in order that slight acci- to further sinking, which was not dedents, not provided for in the contract, sirable at this juncture. Consequently would not have the effect of bringing the drift was closed up and sinking the foregoing figures. It has been estab-

The crosscut on the 400 foot level 25,000 to 28,000 tons monthly, and all yesterday. It was found that the vein this means larger payrolls and stimu- dipped away from the shaft at a greater angle than was the case in the up-The old shaft at the Le Roi is being per levels, and the horizontal workings but prefers to postpone discussion of ther advanced or through the lode.

With good ore bodies at the 400 foot level the prospects for the Green Moun-The crushing of ore at the Bullion tain would seem especially bright. With Extraction Works, under lease to the the problem of concentration in the War Eagle and Centre Star mines for course of being solved the mine will be the purpose of conducting experiments able to overcome the difficulty of being in concentration, will probably com- some distance from present means of mence on Monday. The repairs and al- transportation by reducing their ship terations to the Silica plant essential ments in bulk through concentration

THE TRAIL SMELTER.

The exact date of the resumption of case is that if the experiments are satisfactory to the companies, it is understood that no time will be lost in applying the information gained on a practical scale. This will mean that the concentration problem has been solved, and inaugurate a new era for the Rossland camp.

The Ros

To Extract Mineral

The Miner is in receipt of an interest- He further claims that his process ing communication from Dr. W. C. one whereby the separation of mineral Brinkerhoff, the eminent Chicago spec- products from the quicksilver is atialist who is prominently identified with the Abe Lincoln Mining Company of the Abe Lincoln Mining Company o the Abe Lincoln Mining Company. The used. by the discussion of methods of concen- patent office at Washington, D. C., spe-

letter under date of August 25th: Ores by Means of Oil," leads me to give you the following facts. They may be of value to your practical mining men, and they may not. I am not in a nosi:

""" and there is not call basis is expected to inagurate a even a wagon road on the Duncan new era in the annals of the Lardeau river. It is confidently expected that and they may not. I am not in a nosi:

""" and there is not call basis is expected to inagurate a even a wagon road on the Duncan new era in the annals of the Lardeau river. It is confidently expected that the problem of transportation will be almost immediately. silver ore extraction plant recently for me. Respectfully, which claims are made that, if true and (Signed) capable of practical demonstration, will 1107 Steinway Hall.

calculated more particularly for opera- tive mining operations here in Novemtion in "placer" fields. The method con- ber. sists of grinding to a 100 mesh fine the material that is to be treated. After THIRTY MEN WORKING AT NETthe grinding, certain chemicals are combined with the powdered gravel or

tration, and he forwards the appended cifications of the device can be secured. The patent has, I understand, been and they may not. I am not in a posi- its principle and seemed to feel that tion to judge. I present the facts with- the construction involved some entirely out comment, being interested only as new ideas. Your readers can depend an official and stockholder of one of the upon this letter being sent you from Rossland mining companies. Such in- a wholly disinterested standpoint in so terest naturally leads me to view with far as the interests of the patentee are concern any device or proposition that concerned. I have no financial interest might add to the value of Rossland in the matter and have only met the properties by means of a more perfect patentee on one occasion; i. e., when ore extraction. I was shown a quick- the workings of the device were shown W. C. BRINKERHOFF.

Dr. Brinkerhoff adds that the Abe My impression is that the plant is Lincoln company expects to resume ac-

rock. This mixture is then carried by At the Nettie L. There are about

Values Carried

In Le Roi Ore

from the Le Roi mine in the past eight months, months. The figures are of special interest, particularly as the returns for lowing rethe past month or so have not as yet made their appearance even in the London papers. The table is as follows:

Assay Value Tonnage. Per Ton. December, 1901 16,556 January, 1902....19,640 February, 1902 18,794 April, 1902 May, 1902 13,047

July, 1902 14,492 17.67 These figures are reproduced in refutation of the statement alleged to emanate from Oscar Szontagh, late metal lurgist at the Le Roi smelter at Northport, to the effect that the profits the Le Roi company has made during recent months were not produced as a of ore from the mine but from economies which he had succeeded in effect ing at the plant. As a contrary condition of affairs had been shown to exist when the company approached the Great Great Northern railroad with its apcoke rates and the Stevens county officials in negotiations for reductions in taxation in the tax rate on the smelting plant, Mr. Szontagh's rather state ling pronouncement placed the Le Roi eral avorite and his removal ling pronouncement in the position of having ly regretted by the smelter employes management in the position of having ly regretted by the smelter employes and the citizens of Northport. Rossland and is demonstrated beyond the shadow of a doubt by a glance at lished by the reports which have been published by the London financial papthe tonnage will therefore run from broke into the vein at the footwall side ers that the higher values were only secured after production had been cuttailed and the mining and sorting of ore conducted along lines calculated to produce only ores carrying comparatively

The Miner reproduces herewith a credited to the ex-metallurgist at the statement of the ore shipped and the Northport smelter as to the value of Le average assay values contained therein Roi ore not having increased in recent

> lowing report of the Szontagh incident; "Northport, Wash., Aug. 31.—The article in today's Spokesman-Review announcing the resignation of Oscar Szontagh as manager of the Northport Smelting & Refining Company, Limited,

port. Mr. Szontagh said today:
"I have read the article published in the Spokesman-Review regarding my resignation. I do not care to say much about the matter. Mr. Macken-zie, general manager of the Le Roi company, came to Northport on Thursday ast and informed me that I could consider myself relieved of all duties connected with the management of the Northport Smelting & Refining Company and advised me to say to the pub-Mc that I had resigned. I have at no time tendered or offered to tender my resignation, and know of no reason for result of the shipment of a better grade Mr. Mackenzie's action for dismissing me, unless it was on account of the in-Spokane several days ago.'

"Mr. Szontagh succeeded Mr. Kadish as manager of the smelter during the strike and at a time when the feeling was bitter between the smelter employes under way at the Silica works will have and the union. By his genial manner he a vitally important bearing on the fuhas one a great deal to promote harmoney and good feeling. He is a general avorite and his removal is deep-

"The interview with Mr. Szontagh, which he believes caused his discharge, proved a sensation among mining men when it was published in the Spokesman-Review last week. Mr. Szontagh plainly declared that the money which the Le Roi company was reported to be most significant fact about the interview was his declaration that the grade reductions should be secured by the Le ager Mackenzie. He scoffed at the re-

Some Problems of

olved, and inaugurate a new era for he Rossland camp.

ORE IN GREEN MOUNTAIN.

The developments of the next few the copper furnaces. This will give emission in the collection active the number of remarkably good show-with side lines connecting with the mining camps having ore in sight to ship. The engineer was John Hamilton weeks in connection with the proper-ties of the Green Mountain-St. Louis ber of men at the smelter and prob-consolidated Company's property on ably result in the strengthening of the Green Mountain will be of prime im-output from the Rossland mines. cellent transportation facilities for all report was decidedly favorable. Rethe properties in the Trout Lake basin.

It is on the Duncan river side of the already organized, that a considerable t Mineral

It is on the Duncan river side of the divide that Mr. Newton expects to see the next advance in the prosperity of the mining industry of the Lardeau. The Canadian Pacific does not serve this large and important section as yet, owing to the fact that a heavy divide separates the Duncan river basin from probably double the cutout of the Lardeau.

It is on the Duncan river side of the already organized, that a considerable amount of capital is already available for investment and that there is a possibility of the initial steps toward putting the tramway proposition into effect being taken within 60 days.

Such a solution of the problem would probably double the cutout of the Lardeau. separates the Duncan river basin from probably double the output of the Lar-that of Trout Lake, and the present deau in the immediate future. famous up to the present time.

railroad only serves the Trout I ake Much interest also centers about the district, although, of course, this section reverberatory smelter installed at Feris very large and contains most of the guson recently. The plant was commines that have made the Lardeau pleted some weeks ago and a preliminary test satisfactorily made. It even-The mines on the Duncan river side tuated, however, that some of the apof the divide can only secure trans- pliances were not calculated to give doctor's attention has been attracted By reference to the United States portation by rail after carrying their the best results and the plant was ores with pack trains for a distance closed down until the new parts could of 16 miles over a high spur of the be obtained from the manufacturers at hills to Trout lake, or after hauling the San Francisco. The ultimate com-Editor Miner:—Your article in Miner, August 21st, entitled "Concentration of Cago, Ill., U. S. A. I have conversed with Chicago smelting men, who in the following force They may be seen a wagon road on the Duncan of the Lardeau.

When the Lead Mines Form Merger

centily to the effect that the Coeur industry would sustain a blow from d'Alene lead producers proposed break-ing away from the American Smelting & Refining Company still obtains that the cutting off of the trust's sup-& Refining Company still obtains some credence among Kootenay lead producers, although a more general feeling exists that before the trust would drive the trust into the British ment made by Mr. Blackstock as to would permit of such a split with the Columbia market to the benefit of the concentration of the low grade ores of

publicity which the event would naturally occasion and the consequent shedding of light upon the fact that divisions between the lead trust and water down a sluice-way, which has seven or eight cylinders revolving in ber of these are engaged in building a wealthy corporation is enabled to hold question has ded to an interesting sugwells of quicksilver. By this means several continuously fresh quicksilvered continuously fresh quicksilvered in less than four families have taken surfaces are presented to the gold carrying mixture. It is claimed by the particular than the affinity of quicksilver that the affinity of quicksilver than the affinity of quicksilver the minerals after treatment by this process will save ninety-five porcess will save ninety-fi

THE MINES CAN HANDLE \$5 ORE

Vice President Blackstock Says War Eagle and Centre Star Mines Can Treat the Low Grade Ores Now.

day's Miner anent the probable mag- aggregate. Under conditions justifying nitude of the Le Roi company's opera-tions when the amended conditions with respect to the costs of freight and in each day, the product would be coke take effect have aroused con- dumped direct from the shaft to chutes siderable interest. It has been pointed leading to cars beneath, from where the out, however, that while these operations will be on a large scale as com- trators without further handling. Sortpared to the production of local properties in the past, they are insignificant with and the stopes would be attacked terview given by me and published in the Spokesman-Review when I was in isfactorily solved.

ably closer at hand than most Rosslanders realize. The experiments now on a large scale would revolutionize under way at the Silica works will have the mining industry locally. ture of the camp, and more is expected from the results thereof than from any other probable method of treating companies interested in the experitory tests have given perfect satisfac- reads: tion, else the mines would not go to making came from the economies which at Silica. If the measure of success he had effected at the smelter. The looked for is actually attained, the

reductions should be secured by the Le Rooffed at the re-Roi company, inasmuch as these concessions by the railroad people carry with them an assurance of largely increased output from the mine and consequent increases in the paroll, with the stimulus on business locally always attendant upon large wage rolls.

The figures adduced will be received as ample refutation of the statement time."

The prediction is ventured that an aggregate output of 7000 tons daily is none too much to expect from the Rossland to the effect that high grade ore was being shipped from the dump. Only one carlicated the ton the dump once the ore is sent to the concentration plants instead of to smelting works, as at present. When the stimulus on business locally always attendant upon large wage rolls.

The prediction is ventured that an aggregate output of 7000 tons daily is none too much to expect from the Rossland to the effect that high grade ore was being shipped from the dump. Only one carlication plants instead of to smelting works, as at present. When the stimulus on business locally always attendant upon large wage rolls.

The prediction is ventured that an aggregate output of 7000 tons daily is none too much to expect from the Rossland to the effect that high grade ore was being shipped from the dump. Only one carlication plants instead of to smelting works, as at present. When the stimulus on business locally always at indicative of the strained relation plants instead of to smelting works, as at present. When the sum of the producing it is understood that with concentration it is understood that the policity is understood that the concentration it is understood that the policity is understood that the producing mine, it will be understood that the system of concentration now heings the producing in the dump. The producing is the producing mine, it will be understood that the producing mine to the policity is an advertise of the producing mine. The most important to the policity is an advertise of the producing mine to the pro

The prediction is further ventured stress can scarcely be placed upon this that the Le Roi mine alone could con-

The statement appearing in yester- tribute 3000 tons daily to the suggested ore would be delivered at the concening would be practically done away with less of the caution now exercised while it is necessary to secure a better class of ore than could be worked to The solution of the problem is probladvantage under the new conditions. In fact the advent of concentration

BLACKSTOCK SPEAKS.

A hint of the potentialities of the local mining industries under the pre-Rossland ores by concentration. The dicted conditions is conveyed in the appended Associated Press dispatch, together with an interesting statement nature of the system employed, but it as to the operations of the War Eagle goes without saying that the labora-

"TORONTO, Aug. 30 .- To a reporter the expense of conducting costly experi-ments on a large scale now under way dent of the War Eagle and Centre Star Mines, said that a reduction in charlooked for is actually attained, the ges for treatment has been secured event will inaugurate a new era in the from the Canadian smelting works at history of the Rossland camp beside Trail, and under a new contract made are now barely in the vein. Manager high values. It is important to the city of ore had not increased, despite reports which all previous records must pale a minimum of 12,000 tons of high cawry states that ore has been found. Or Rossland that the freight and coke of increased profits made public by Mannto insignificance.

grade ore per month is to be shipped.

The prediction is ventured that an from the War Eagle and Centre Star

tested on a large scale. Too much

The Lardeau Country Mr. Curtis on Mining And Other Subjects

Smith Curtis, M. L. A., has returned will be effected. Crofton is on the east to the city and will remain here several coast of the island, about 50 miles disweaks. He has spent the last six weeks tant from Victoria.

In the Lardeau and coast mining sections, and states that wherever he pointed is not merely to investigate goes there is to be found a decided improvement in mining. Discussing this two explosions in the island collected to the control of the stand, about 50 miles disserted that the stand, about 50 miles disserted to mile stand, about 50 miles disserted to miles disser

would have long since had an expert to draw his pay as commiss tabulated the facts so that the remedy of mines, Colonel Prior.

or remedies would be obvious, and the widely different panaceas now being shareholder, and was, and, I believe, urged by various parties having opposing self-interests would be more Coal company. Son-in-Law Lampman correctly judged.

"The splendid profits now being any bad management of the Fernie monthly realized by the Le Roi are mine that led to the recent appailing The report given wide circulation re- manufactured lead products and the is eagerly read by business people, and understand, persona grata to the great everybody I met seemed to know that majority of miners at Nanaimo, where Rossland's prestige was to be mainthese mines are bound to have a marked effect.

"Except possibly in the Alberni dis-

provement in mining. Discussing this two explosions in the island colleries topic Mr. Curtis says:

"I believe that mining is on the upward turn throughout the province at last. Intelligent, considerate and sympathetic treatment by the provincial powers would, if shown forthwith, two cases of glaring nepotism and three greatly accelerate the return of pros- of favoritism. Mr. Brydon is a brother-perity. Not altogether the low price of in-law of Hon. James Dunsmuir and lead, but the very low returns accord- the son of Mr. Brydon holds an imporlead, but the very low returns according factor in the galena districts. The mine owner in the Extension mine. What hope is there districts. The mine owner in the that Mr. Brydon is likely to ferret out states gets 31-2 cents per pound for his lead; the duty on lead in ore is 11-2 cents, so that if our lead mine owners were to combine and put or threaten Mr. Lampman is put on because he is a lawyer! Why a lawyer is expected. were to combine and put or threaten Mr. Lampman is put on because he is to put a lead smelter up on the south a lawyer! Why a lawyer is expected to be better able than a layman having a knowledge of coal mining to find out tation rates cut a big figure in the lead question, and the American lead trust, which refuses to buy our ores, would come to time. Our department of mines, were it more than ornamental, would have long since had an expert to draw his pay as commissioner beexamination of our lead troubles and cause he is a son-in-law of the minister

> he lives, one reason being that he is supposed to prefer alding the political fortunes of certain parties to the good of his fellow miners. What was needed was an expert commission—one com-missioner who had a practical and scientific knowledge of the subject and who had no connection whatever with the interests involved would be worth the money we shall have to pay. It would be taking a desperate chance to