

DEVELOPMENT OF DOMINION.

The Summer Work Has Shown Up Great Richness.

Preparations Now Making for Extensive Operations During the Coming Winter.

The Dominion creek benches are now proving to be as rich as was expected. The season now drawing to a close has brought pay dirt from a hundred or more hillsides on the left limit from upper discovery to the lower part of the creek. Not a continual line of pay as is found on Bonanza, but here and there in a haphazard way the yellow metal is scattered about.

Nos. 5 and 6 below upper are shoveling first-class pay dirt into the boxes from five to ten feet below the surface. Remington creek furnishes a sluice head and the ground is being well worked. Nos. 10 and 11 are both giving up coarse gold and nuggets to rockers and the sluice box in a way highly satisfactory to the laymen and owners. Nos. 15 and 16 have pay not only in the hillside, but in the first tier of benches, and have been quite extensively worked, and the point below Mummy pup in the sluice boxes.

The next hill claim with pay located is No. 27; here the ground is deeper and was worked last winter. No. 28 has both summer and winter diggings, and pay is being shoveled into boxes with a sluice head brought some distance from a pup. Nos. 33, 34 and 35 have located pay and the latter is being extensively worked, as is No. 13 above lower. Here pay was found a few inches under the moss, and the entire hill is being sluiced away. Nos. 10, 11 and 12 have good pay and a tram from 10 to the creek was run all summer and some very good clean-ups resulted.

From No. 7 above to No. 2 below lower the bench ground is considered the best on the creek, and every claim in this belt has good pay, some quite rich, and a number of men are working. Nos. 5 and 6 above are the oldest worked of any of the benches and almost every foot of the ground is being worked, and the swish of the rocker can be heard at all hours. On No. 3 above, Mr. Kellum pumps a sluice head from the pup and has his boxes leading in a circle back above the pump so the precious water is kept circulating and used again and again.

No. 6 is being made ready for sluicing next summer and Nos. 7, 8, 9 and 10 below lower are being worked as are Nos. 13 and 16; it is claimed pay has been located and many claims are being worked off and on clear to the mouth of Goldrun, although just what is being done could not be accurately ascertained.

The creek claims are generally deep diggings, but a score or more have proved to be more profitably worked during the summer, and most of the thawers were packed over at considerable expense, and the inconvenience as well as expense has prevented better machinery from being put on. It is safe to say that the coming winter will see machinery on three-fourths of the claims for both summer and winter work.

No. 17 above upper has a good sized thawer at work, and the men are preparing for winter work on a large scale. No. 7 above has been worked all summer with a small thawer and some good dirt handled. No. 2a above was considered poor ground, but a thawer has located some very fine pay in the creek bed, pans as high as \$426 were taken out. Upper discovery did summer sluicing and the creek bottom proved quite rich. Nos. 3 and 5 below are both using thawers, and McAlpine and Johnson will put a large plant on No. 5 this winter. No. 6 below worked a number of men all summer shoveling into the boxes from the creek bed and good pay

was taken out. No. 10 below utilized a steam thawer all summer, and the owner is well satisfied with the result.

No. 18 below upper was sold this spring to Berry Brothers and they did some very successful ground sluicing. One half of No. 31 below was bought this spring and the new owners have opened it up and worked it on a large scale, and although the price paid was \$30,000, it is reported that this summer's work alone will pay for the claim.

No. 32a is being washed with a thawer and No. 33 is being prepared for sluicing next summer.

Number 34 has not been worked before this summer, but W. Nelson worked the claim night and day shoveling into the sluice boxes and this claim and 36 employed more men than any other on the creek. James Stewart on No. 36 has a complete steam plant and is doing some very fine work, and the work done more than proves the efficiency of machinery. Nos. 2b and 3 below lower are tunnelling into the abrupt banks from the creek bed with thawers, and the dirt is run to the sluice boxes in cars. Most of the claims are preparing for winter work and a great many men will winter on Dominion.

A small city is being built at the mouth of Cariboo creek and has been named Cariboo City. Bartlett Brothers have a large two-story hotel and are building a separate store. They will run a daily stage from Dawson during the winter. The Nugget Express will have an office and local agent in the vicinity. The new city promises to rival the Grand Forks before another clean-up.

Leonard Has a Nasty Fall.

The second balloon ascension of aeronaut Leonard was made on Monday afternoon from First avenue in the presence of a vast crowd of people, and gave the utmost satisfaction. His mount was made with great daring and dash, and as he went higher and higher, throwing kisses to the multitude below, the steamboats whistled a noisy salute to him. The balloon reached a considerable altitude, and when at a point over the block of N. A. T. & T. buildings he cut the parachute loose while suspended by the knees from the bar. Down he fell, and in a few moments it was plain that he was bound to strike the buildings. This he did, alighting on the steep roof of the store. Could he have stopped there he would have been all right, as the impact was not great; but instead, he slipped down between the buildings to the sidewalk, twenty-five feet below. He was found by the first arrivals to have sustained some injuries, which Dr. Bourke found to be a strain in the hip, but which will not prove serious.

The Leak in Port.

The A. C. steamer *Leah* arrived from St. Michael on Tuesday morning with a record of 14 days. This boat, it will be remembered, broke her shaft on the way down, and it was not known that she would be able to make another trip this season. But the Doubting Thomases counted without the skill and energy of her master, Capt. Otis McGinley; that gentleman had the boat towed to Androfsky where, by working day and night, the shaft was repaired in just five days. Aboard the boat it was learned that the *Louise* has been drawn upon the beach at St. Michael and is now undergoing repairs. The loss to her cargo was very heavy—though not \$100,000 as reported—but it falls upon the government, to whom the lost and damaged goods belonged. Up to date the soldiers on the Yukon have not received their winter's supply of food for the animals they brought into the country, and there is a growing suspicion that they may be obliged to kill some of them. People are still going into Cape Nome, and the population is now estimated at 7000. There will soon be a big rush out for the winter, however.

Reduced rates at the Cafe Royal.

You can get stationery in big variety at the Pioneer Drug Store. E. Shoff, chemist.

Beer, ale, porter and wines served to table guests on Sunday at Cafe Royal.

Concentrates

Silver-lead miners of British Columbia are resolving that lead smelted in Canada and refined abroad should be admitted duty free into Canada.

The gold output of the Transvaal in 1897 was \$58,000,000, and in 1898, \$81,000,000. The strip that produces the greater portion of the gold is 30 miles in length and from one to two miles wide.

About 9,000,000 pounds is the amount of the aggregate monthly output of the Anaconda Mining Co., Anaconda, Montana. About 1800 men are employed and 140 cars of ore are daily handled.

A cyanide leaching vat, made of wood, which had been in use four years, was recently tested as to percentage of values absorbed. A hole was bored one-half an inch deep in the bottom, the shavings therefrom assaying \$13 per ton. Thus, the absorption by wood tanks is shown not to be as great as has been claimed.

When about to construct a windlass decide first to what depth you will sink it before substituting some other machine, then calculate the diameter and length of the windlass so that the necessary amount of rope will go on the windlass with a single lay. When a rope turns back upon itself it is a source of annoyance and sometimes danger. Greater power is obtained by a geared windlass, but with a loss of time in lifting a given distance.

In some of the old workings of California mines sticks of oak timber are found which were put in over 40 years ago, and are still in a fair state of preservation.

The royalty burden has become so great on the gold mining industry of Brazil as to almost drive it out of existence. When the Brazilian royalty gatherers are entirely out of a job by reason of the death and burial of the gold mining business in their own country they might apply at Ottawa with a reasonable expectation of renewed employ-

ment, on the ground that experience is valuable.

A consolidation of the mica-producing interests of the world is being effected. The Consolidated Mica Co. was formed recently and has since succeeded in securing a large number of the heaviest producing mica mines in New Hampshire, the South and Canada. It is capitalized at \$5,000,000 and its directorate will consist of the leading mica men of the United States and Canada.

The United States consul to Venezuela, discussing the mineral deposits there, says they are exhaustless and include everything from iron to abundance of gold and diamonds, and predicts that the country south of the Orinoco will become the greatest gold-producing region of the world.

According to the testimony of an eminent mining authority an expenditure of \$3,250,000 is necessary on a Rand (South Africa) deep mine before it is possible to sufficiently develop and equip the property as to place it on a dividend paying basis. This estimate is made on the basis of a depth of 2000 feet, which is required to reach the ore bodies.

A great deal has been said of the value of technical education in mining. A finished education is desirable in any walk in life, but in no vocation is a good education more essential to attainment of the highest success than in mining, but with this must be coupled experience.

Through the medium of study, knowledge of the experience of others is gained. But individual experience, a practical application of knowledge gained by study, is indispensable in the conduct of large mining enterprises.

Utah's glittering Salt Palace, with its Midway Plaisance, and other attractions opened at Salt Lake City on Aug. 21. It is built of salt crystals taken from the brine of Great Salt lake.

Excellent service and moderate prices at the Cafe Royal.

The Nugget's

success as the Pioneer Paper of Dawson, having grown from the size of a postage stamp, printed on a hand press, to a large eight-page semi-weekly, set up by a typesetting machine, and printed on a modern power press, all of which has been accomplished by a large circulation among the miners on the creeks and liberal advertising patronage from the merchants of Dawson, has prompted the owners to issue a

Special

edition in September, which will be printed on book paper and enclosed in an elegant lithographed cover—a work of art in itself. The Nugget's special edition will be handsomely

Illustrated

not less than fifty views appearing. It will contain pages of original matter descriptive of the mines, the creeks, the town and life in Dawson, and will be as complete and handsome a special

Edition

as was ever issued on the coast. The Nugget is the only paper in the territory provided with an art department, and has the only office prepared in every way to issue a special edition.