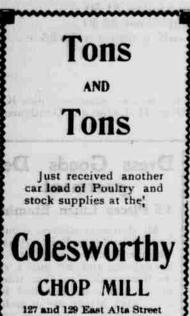


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1011.9 114.1-M

MOVEMENT FROM QUARTZ TO MEDIUM OF EXCHANGE

Bulk of the Gold Output in United States Obtained From Low Grade Ores-Nuggets Found in Many Parts of the World.

HISTORY OF GOLD

Two-thirds of the gold credited to Alaska in 1902 came from Cape Nome, much of it being in the form of little nuggets, about four-fifths pure gold, that was washed out of the gravel, and all of it was sent to Uncle Sam's mints at Seattle and San Francisco, where it was converted into coins or held by the government as bullion .

The movement of the gold from quartz to circulation as a medium of exchange is most interesting. Gold ore in the shape of quartz goes or dinarily to smelting works, which get rid of the quartz and other refuse, rid of the quartz and other remse, and turn out the metal in the shape of "base bars," consisting of gold, silver, copper, lead. iron, etc. The bars then go to the refinery, where the gold is separated from these im-prities, to be finally moulded into prities to be finally moulded into bricks and sold to the mints. The bulk of the gold output of the United States is obtained from low-grade ores, which could not have been put

out at a profit before the invention of the so-called cyanide process. Very little of it is dug or washed out in the shape of dust or nuggets ex-cept that which comes from the beach sands and gulch gravels of Nome, Not a little of the great quantity of gold now in our treasury, over which Europe is in such a pother, has been found in nuggets.

These nuggets in the shape of melt-ed and congealed masses of metal.

have been usually found near the sur-face of the earth.

Concerning Nuggets.

They have formed much of the romance of alluvial gold-mining in the past, but of late years not many big nuggets have been found. Nearly all of the nuggets picked out of the gulch placers of Nome are small, though an occasional specimen weighing a nound or two has been found. The wonderful mines of the Rand, in South Africa, are low-grade ore, and do not yield large chunks of the pre-cious substance. It is in Australia that, for reasons never satisfactorily explained, most of the very great nug-gets have been discovered, though

some big lumps were dug up in Galif-ornia during the early days of the gold excitement in that state.

The largest nugget found in Califor-nia was the so-called "Oliver Martin chunk," which weighed more than 151 pounds—through containing some white quartz—and which, after benig converted into bullion, fetched \$36. 270. It was discovered near Camp Corona, in Tuolomne county, Nov. 18.

1854, by a poor prospector named Martin, who, with a companion named Flower, was tramping up the coun-try to find new diggings. One night try to find new diggings. One night they camped in the mountain canyon, and a cloudburst came, drowning Flower. Martin, who narrowly es-caped, buried the body of his friend by the roots of an upturned tree, and in digging came upon a huge nug-get, which later became the nucleus of a large fortune.

Australia the Home of Big Nuggets. Australia has been pre-eminently the home of big nuggets. Here the greatest find was the "Welcome." which was dug out June 15, 1858, by a party of 24 men working at Bakery Hill, Ballarat, at a depth of 111 feet. The lump was of irregular shape, 20 inches long by a foot in thickness, and weighed nearly 185 pounds. It was almost pure gold and sold for \$52,500.

\$22,500. "The Welcome Stranger," unearth-ed Feb. 5, 1869, near Dunolly, Vic-toria, by John Deason and Richard Oates, weighed 2280 ounces. It was found lying in loose gravel, barely covered. Twenty-one inches long and 10 inches thick, it contained some weight to be the some bare of some quartz, but the great body of it was solid gold. The lucky miners heated it in the fire in their hut, to reduce its weight, and gave away bits of it. But the bank of England eventually paid \$38,000 for what remained.

In the early days of the nineteenth century a squatter named Read had cleared a piece of land in Cabarus county, N. C., and built a hut of logs. county, N. C. and built a hut of logs. He and his family were very near to starvation when one day his three children, playing on the banks of a stream, saw a hig yellow stone. They took it home, and it was used for a while to keep open the door of the family hut. It weighed 15 pounds. Read finally sold it to a goldsmith for \$3.25, but it was actually worth more than \$4000. The mountain at the foot of which it was found subsequently proved to be enormously rich in gold

A Woman's \$2250 Nugget.

There is a record of but one great nugget found by a woman. It was picked up, purely through accident. picked

by Mrs. Harry Ellis, who went to live in the mountains of Alpine county. Cal., for the sake of her husband's health. One afternoon, while driving home the family cow, and looking for stones to throw for the amusement of the dog, she saw a large duil yel-low pebble and picked it up. It was about the size of a croquet ball, rough and battered, but she got \$2. 250 for it.

Rumors have arisen at various times during the past few years that Russia has concealed in the imperial vaults over \$500,000,000 in gold, which do not show in the empire's financial accounts.

Chronicle.

nection.

trade.

This vast sum has been hoarded, It is said, to fight the great war of the future, which, according to the mod-ern prophets, is sure to come.

Uncle Sam does not find it neces sary to take such precautions. With a possible army of 10,000,000 men. a treasury always overflowing, and enough men left to work the farms we have no especial cause for anxiety

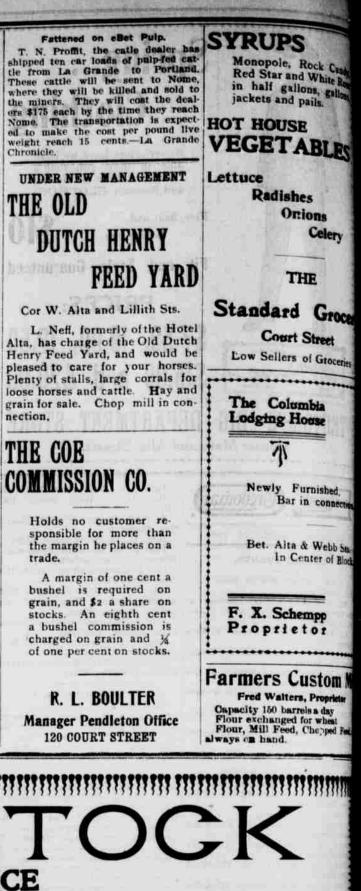
The world's total stock of gold to-day is about \$5,000,000,000, which, if melted into one mass, would form a cubical block 42 feet long, 42 feet high and 41 feet wide.

SCIENCE SCORES AGAIN.

A Preparation That Will Destroy the Dandruff Germ Discovered.

Finally the scientific student has discovered a certain remedy for dan-druff. When it first became known THE COE druff. When it first became known that dandruff is the result of a germ or parasite that digs into the scalp. and saps the vitality of hair at the root, causing falling hair and baldness, biologists set to work to dis-cover some preparation that will kill the germ. After a year's labor in one laboratory, the dandruff germ de-stroyer was discovered; and it is now embedied is Newpro's Hermioide now embodied in Newbro's Herpicide which, besides curing baldness and thinning hair, speedily and permanently eradicates dandruff. "Destroy the cause you remove the effect." Sold by leading druggists. Send 10c in stamps for sample to The Herpi-cide Co., Detroit, Mich. Sold by F. W. Schmidt & Co.

If you are troubled with impure blood, indicated by sores, pimples, headache, etc., we would recommend Acker's Blood Elixir, which we sell under a positive guarantee. It will under a positive guarantee. It will always cure Scrofulous or Syphilitic poisons and all blood diseases. 50 ctr and \$1.00. F. W. Schmidt & Co. 50 cts druggists.



HIGHLAND STOCK WILL BE ADVANCED IN PRICE MAY 15th, 1903 Development at the Highland Mine Justifies an Advance in the Price of Stock. It is Much More Valuable Now Than When We Placed the First Allotment on the Market Some

Two Months Ago.

CONSTANT DEVELOPMENT AND RESULTS

A crew of men have been constantly at work ever since we acquired this property and the Glasgow crossent has now encountered and fully crosscut the ledge. In this crosscut we have opened up a body of ore sixteen feet in width carrying good commercial values.

ested in the Highland mine, as it will certainly open ap ore bodies rich in quality and in large quantities. It will demonstrate that the Highland will rank as one of the largest producers in the district.

From now on the development work will be comparatively easy and not very expensive, as we will be drifting along the ledge where the ground is much easier te work than in the country rock which encases the vein.

or conservative an expert or mining engineer he may be, could possibly, roughly speaking, "turn it down."

POOL YOUR INTERESTS

If you have not sufficient money yourself to justify you in coming to the Highland to look it over before inverting, we would suggest that you and your friends make send one of your number out here mall pool and to look over the Highland. In this way we believe you vauld get absolute information as to the value of the property you invest your money in, and you will also have an opportunity to learn all about the reputation, standing and ability of the directors of the Highland company.

In speaking of commercial values we mean ores which have a sufficient value to pay for the extraction milling and all other incidental expenses thereto, with encugh of a margin left over to pay good dividends to the stockholders.

This large body of one was not in the nature of a surprise, we simply expected it, as the surface developments showed this same large body of ore, and there was no reason why it should not be encountered in this crosscut and at this depth.

FUTURE DEVELOPMENT

We are now turning to drift on the ledge to the west from the crosscut in order that we may open up the richer cres at a greater depth which are found on the surface throughout the Bannockhurn elaim.

This line of development, we believe, will prove very interesting to all who are interested, or may become inter

Every month will show a large increase in our ore reserves.

FREE TRIP TO THE HIGHLAND

To any one who wishes to invest a reasonable sum of money in the Highland mine, we will pay all traveling expenses to and from the mine for the purpose of his making a personal examination.

In offering you a free trip to the Highland we feel that this is proof within itself of the value of this property as it stands to reason that if we di dnot have a good mone there and all that we claim for it we could not offer you such an inducement.

We would be only too glad to have each and every one who contemplates the investment of money in mines, e me out and look over this property and the district in general. In offering to pay your expenses out here and back we feel that we are not running any risk whatsoever as we know positively that no one, no matter how great

OUR REFERENCE

We take pleasure in referring you to any bank, beit ess man, or mining man in our own community.

SECURE STOCK NOW

If you wish to secure any of this stock while it is selling at the low price you should send in your order as quick as possible. Those who have not all the money on hand to pay for as much stock as they wish to purchase, may send us a portion of it and we will set the stock aside for you and you can pay the balance later.

THE PRESENT PRICE OF STOCK IS SIX (6) CENTS PER SHARE

In case, all the stock, we wish to sell you at this price should be sold before your order is received, we reserve the right to return you your money.

