

# AROUND THE MINES.

## MINERAL IN THE PHILIPPINES

### Large Deposits of Copper Ore and Veins of Coal.

The mineral resources of the Philippines, which have attracted a good deal of attention and inspired much speculation and anticipation since the American occupation, are discussed in a very conservative way in the May number of the Engineering Magazine by Frank L. Strong, a naval engineer who has given the subject a good deal of attention, and who is now there on his private account.

These resources, he states, are practically unknown from the standpoint of observations by competent observers. The Spanish records have much about the mineral and other resources of the group, and they present a rosy picture to the new arrival, but they have little scientific or practical accuracy and are illusory. This is characteristic of Spanish methods and Spanish policy formed on manufacturing industries. Many volunteer soldiers from the west stayed to search for gold, etc., and hundreds came for the same purpose. A Miner's Exchange composed of 120 miners directly interested was recently formed in Manila. Land titles are undecided and many claims that have been staked out will be lost, even if they prove valuable.

There is gold, but the writer knows of no valuable developed mine. American enterprise and methods may possibly succeed when the end of the insurrection permits extended exploration and development. "All that one can say today is that we know practically no more than when the United States took the islands."

To the prospective investor coal is more important than gold. For the mul-

tiplying steamships of the present and future, for the railroads and for the manufactures to be, coal is imperative. The only coals found to date are lignites and of these large deposits are widely distributed. Large capital would be required. The coal much resembles that

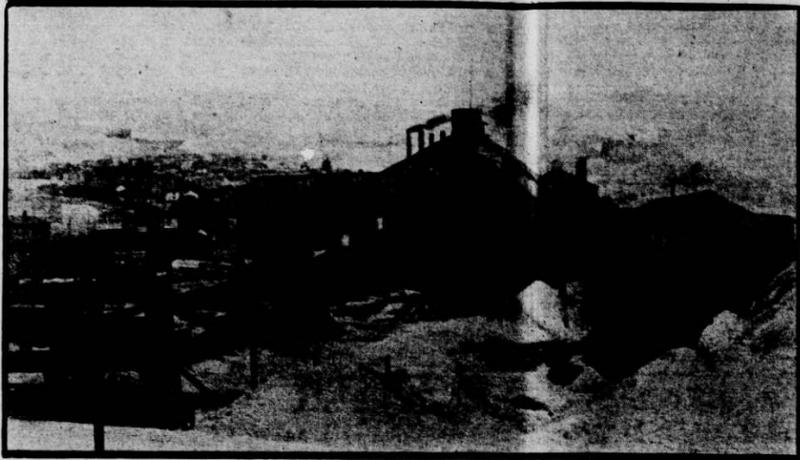
of Japan. Australian coal sells at \$10 a ton in gold and Japanese at \$9. The incentive to the exploitation of the coal resources is great.

The islands have large deposits of rich copper ores. Some are too far from market now, but railroads will make it available. There are small but rich mines that could be worked to good advantage now. The two excellent museums at Manila contain samples of almost every known ore and there is good evidence that large deposits of the useful ores ex-

titles could be secured. A large shipment of gold was received from Marysville this morning, the product of the mines there, amounting to about \$100,000. Part of the gold was the product of the Bald Mountain mine, owned by Colonel Thomas H. Cruse of this city, and was consigned to the assay office. The greater part of the shipment, however, was consigned to the case. The bullion represents the product of the Drumlummon and the Bald Butte mines for part of last month.

are about 65 tons of ore on the dump. This ore was extracted in the prosecution of development work and is a concentrating proposition. The veins are true fissures, appearing in a formation of porphyry and slate. Near the surface they are somewhat broken, but are quite solid below.

On the Little Spokane there is a shaft and several open cuts, in which the larger lead is shown to be from two to four feet wide. There is also a tunnel 150 feet long. It follows the lead about 90 feet. All of the ore taken out in driving the tunnel was clean galena and was shipped.



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ist. American manufacturers of machinery are urged to enter that field.

### KENWOOD IS IN FULL BLAST

It Is Being Operated by Senator Clark and His Son.

Work on the Clark property at Kenwood has been resumed and the shaft is being deepened as fast as work with the whim will permit. Senator Clark and his son, Charles W. Clark, are expected to arrive in Butte within a day or two from Europe. Charles W. Clark is expected in Helena Monday, when plans for the installation of the steam hoist will probably be made. The machinery has been on a side-track near the mine for some time, but owing to the absence of Mr. Clark operations have been somewhat delayed. Work on the shaft with the whim was shut down for over a week, but has been resumed and, it is thought will not be again suspended except long enough to install the steam hoist.

Senator W. M. Biggs, who owns the 160 acres adjoining the Clark property, visited the ground this morning in company with W. A. Ide. Mr. Biggs made a careful inspection of the ground and will, in all probability, put several men at work to thoroughly prospect the property. He believes that he has fully as good a lead as that on any of the properties that are now being developed. —Helena Record.

### WILL SUSPEND TEMPORARILY

Bald Mountain Mill Is Short of Ore—Mine to Be Kept in Operation.

Helena, June 13.—The Bald Mountain mill near Marysville is to be closed down temporarily. Notice has been served on the men now employed and operations are to be suspended within a day or so. At present there are but ten men employed, but when the mill is running at its full capacity about forty men are kept busy.

The closing of the mill will not effect the Bald Mountain mine. Work will be continued and ore taken out as in the past but as it is not in sufficient quantities to warrant the continuous operation of the mill, Colonel Cruse decided to suspend operations for the present at least. Development work will be continued on the ground in the vicinity thoroughly prospected. Colonel Cruse was at Marysville today and no authentic information could be secured as to the time he expects to reopen the mill, but it was learned from good authority that the plant would be closed for the time being, until ore in sufficient quantities could be secured.

The bather sometimes finds the sand soft and yielding to his feet. It does not trouble him and he goes on until presently he sinks to his knees and discovers to his horror that he has to fight for his life in a quicksand.

Disease is much like the quicksand. The first symptoms of stomach trouble do not cause anxiety. But when the body grows weak through lack of nourishment and disease of the stomach breeds disease of heart, lungs, liver or kidneys, the sufferer realizes his danger and seeks for medicinal aid.

Dr. Pierce's Golden Medical Discovery cures diseases of the stomach and other organs of digestion and nutrition. It cures diseases of heart, lungs, liver, kidneys, etc., when these diseases have their origin in disease of the stomach and its allied organs. Thomas A. Swartz, of Sub-Station C, Columbus, Ohio, Box 103, writes: "I was taken with severe headache, then cramps in the stomach, and my food would not digest, then kidney and liver trouble, and my back got weak so I could scarcely get around. At last I had all the complaints at once, and the more I doctored the worse I got until six years passed. I had become so poorly I could only walk in the house by the aid of a chair, and I got so thin I had given up to die. Then a neighbor said, 'Take Dr. Pierce's Golden Medical Discovery and make a new man out of yourself.' The first bottle helped me so I thought I would get another, and after I had taken eight bottles, in about six weeks, I was weighed and found I had gained twenty-seven (27) pounds. I have done hard work in the past eleven months than I did in two years before, and I am as stout and healthy to-day, I think, as I ever was."



### PLENTY OF ORE FOR THE MILL

Enough on the Dump to Keep the Stamp Dropping 216 Years.

Henry Lloyd came down Saturday from his mine with a small retort, about \$10, from his mill, the result of a two weeks run says the Pony Sentinel. This is probably the most unique mill in the state. It is run by water power, has only one stamp, and the water wheel, mortar box, self feeder and everything connected with it, except the iron parts, are the result of Mr. Lloyd's own handiwork. The stamp drops from 3 to 5 times per minute and the feeder holds about 20 pounds of ore, which is about all the stamp can handle in a shift. The little apparatus pounds along merrily night and day and is worth one's while to see. Henry is confident that if he had a larger plant he could make money fast, for he has about 800 tons of ore on the dump and a fairly well developed mine.

### MINES OF MADISON COUNTY

The Pony Sentinel Gives Information Concerning Them.

Fifteen cars have been ordered for next week. Of these Major Isdell will ship one of brick and the balance are for ore as follows: Garrett & Collogan two; Frank Long, five; West Crowl, one; D. Phillips, one; Dick Syddenham, one; Benson & Co., one; Morris & Eling, car concentrates; Judge Duncan, car of ore and concentrates.

Chas. Weideman has taken a lease and bond on Frank Long's mine and has half a dozen men at work. The bond is for \$12,000. \$6,000 to be paid in September. Looks as though Frank was going to retire and go to California soon as he ships. At Red Bluff the Red Chief has paid off its debts and will soon be able to resume. The Red Bluff mine management has ordered a 100-ton concentrator from the Gates Iron Works for immediate delivery and expects to be making high grade concentrates by fall.

H. P. Hyatt left a few days ago with a Frue vanner from the Cowan mill, which he will put up and get in running order at Cowan's Snake river diggings. Mr. Hyatt has obtained a lease of the mill and expects to soon return and run it. HHe and O'Donnell have considerable ore from their lease on the Strawberry and after that is run he will be ready to do custom work. It is understood that he is promised enough to keep the mill running steadily. In place of the vanner a Wilfley will be put in.

The Willow Creek Gold Mining company, of which Olaf Anderson of Minneapolis is general manager, has built a dredge at lower Willow creek, just above Three Forks, in the Madison river. At the present time the machinery is being installed and it is expected work will start next week. The dredge is equipped to bring up the auriferous sand from a depth of 90 feet. W. C. Wilkins is the chief amalgamator.

### THE CABINET QUEEN GROUP

Promising Property in Flathead County—Ore Carries Lead, Silver and Gold.

On Grouse mountain, 14 miles from Troy, in Flathead county, there is some mining property that will doubtless be heard from in a very complimentary way before many months. It consists of three claims known as the Little Spokane, Cabinet Queen and Little Butte. The property is owned by the Cabinet Queen Mining company composed of Spokane and Montana men and is considered beyond the prospect stage. It contains two veins. The company is capitalized for \$150,000 and has 1,500,000 shares of stock, 300,000 of which is kept in the treasury for development purposes. So far no work has been done on the group during the cold period, but the disappearance of the snow every spring is the signal for the commencement of the summer's operations. Last year work was continued until the winter months. About 300 feet of tunnel work has been done and it has exposed about 100 feet of the large lead, which is from three to five feet wide. The character of the ore in this vein is principally galena, carrying a trace of copper and arsenical iron. The latter carries gold. The other vein is small, being 11 inches wide, and was cut by the tunnel on the Cabinet Queen. It shows a better grade of galena and no iron. Some assorted ore shipped from the property returned 76 per cent lead and 32 ounces of silver. At present there

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