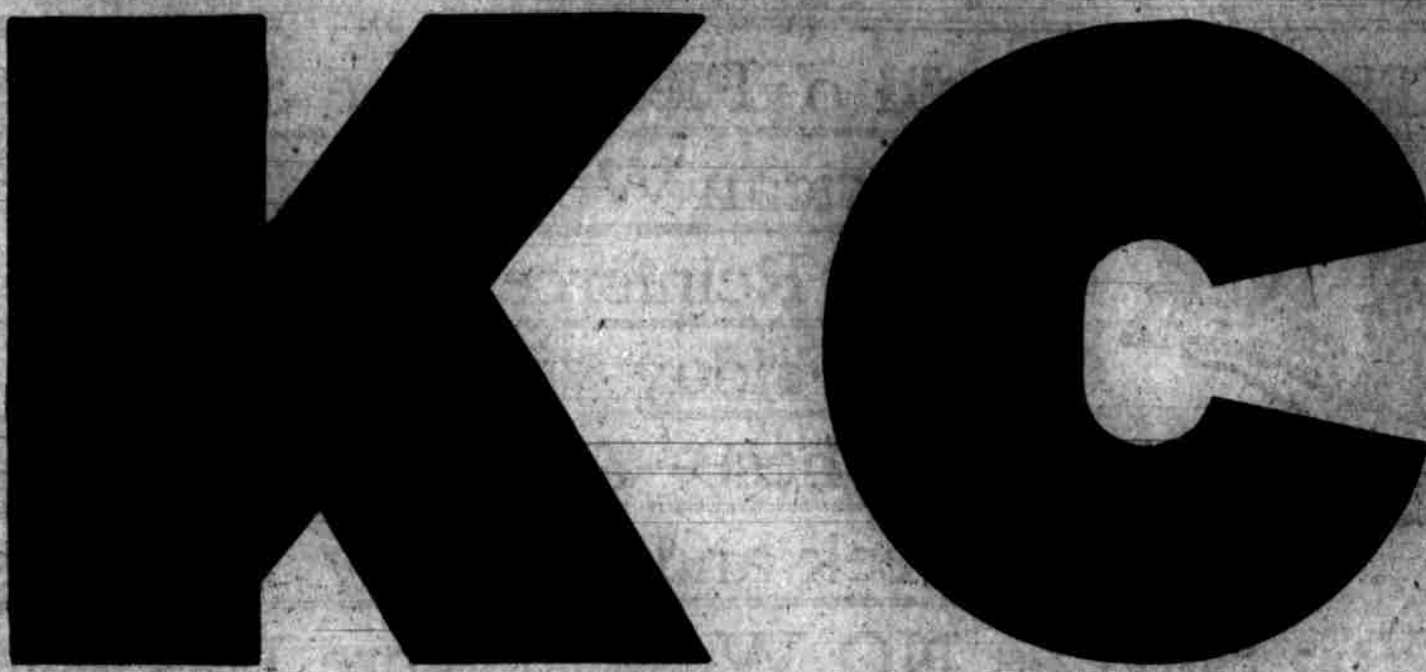


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## NEWS OF THE MINES

### LONG AERIAL TRAM FOR THE MAXWELL

**NEW HILL TO BE CONNECTED WITH TUNNEL NO. 10 AND INTERMEDIATE ADITS BY WIRE ROPE HAULAGE SYSTEM—CONSTRUCTION UNDER WAY.**

(Special Dispatch to The Journal.)  
Baker City, Nov. 10.—An aerial tramway of about 2,000 feet length has been ordered by Manager J. A. Ward of the Elkhorn Consolidated Gold Mining company, to connect the mine workings with the new 10-stamp mill that is being finished. The contract for this work has been awarded to J. E. Gyllenberg of the Baker City Engineering works, and it is stated that the tram will be completed as quickly as possible.

In relocating the mill the distance from the mine workings was made greater than before. The management concluded that the only economical mode of delivering ore would be by a tram, which is planned to extend up the hill to the portal of the No. 10 tunnel. Stations will be made for the other important adits between No. 10 and No. 18 tunnel, the latter being the lowest driven on the Maxwell mine. The tram is to be of the type most commonly used at present, single cable with fixed buckets, loading and dumping automatically. In relocating the mill the management was able to get better power for the water-

plant, as the Maxwell is equipped with both a water and a steam plant. This property covers a vein system directly up a mountain side that has an elevation of 1,400 feet. Fourteen tunnels have been driven on the several veins, but most of the work is on the granite contact, where the ore has formed in larger shoots than in any part of the narrow slate belt that marks the mineral zone. Tunnel No. 14 has been driven in more than 1,500 feet and No. 15 has a length of about 1,800 feet. Numerous crosscuts are made in all drifts to explore lateral ground, for the fissures are numerous. The mine is opened by about 9,000 feet of work, most of the ore mined having been taken from the No. 10 and lower tunnels. By establishing a station at the portal of No. 14 and another at No. 18 all of this ground can be mined and the ore delivered to the mill in a most economical manner, and when the Maxwell opens for its next run it will be in shape to handle lower grade rock than at any time in its history, as hauling down the steep mountain side in wagons was the mode of delivery before a snowslide wrecked the old plant.

### OREGON ASBESTOS IN SEVERAL DISTRICTS

Asbestos has been discovered in many parts of Oregon, and in some sections the vegetable-mineral seems to offer assurance of profit if mined. In the Blue mountains several fairly defined veins have been opened, they, as a rule, being narrow, and on one wall of a large dike or quartz vein. One deposit near the Bonanza was discovered by J. H. McVickers, there being two veins, one on either wall of a big por-

phyritic dike. The fiber taken from the hanging wall deposit was exceptionally long, even at the surface, and analyses were to the effect that the asbestos would command a good figure in the market. No effort has been made to develop the property. Several other small veins have been opened, but generally the prospectors concluded that the asbestos was not in sufficient body and did not have depth.

The past week specimens were taken to Grants Pass from Galice creek, southern Oregon, by John Rivers, who discovered a deposit on property he owns. Those who saw the samples pronounce a portion of it a very pure article, with a good fiber. The length of fiber and tensile strength is the standard for judging, as in manufacturing these features become important in determining the grade of asbestos cloth and packing.

### RICH FREE ORE TAKEN FROM GEM'S 500 LEVEL

(Special Dispatch to The Journal.)  
Baker City, Or., Nov. 10.—Albert Geiser, managing the Gem mine, which is under bond by the Geiser-Hendryx company, has brought to this city a lot of rich specimens from the recent strike on the 500 level. The ore is beautiful, being a pure white quartz with abundant free gold in grains from pin head to wheat kernel size. The samples were taken from a point on the 500 where the vein is four feet wide, and from which the company is steadily shipping high-grade rock. Work is being continued there steadily. The strike is like those for which the Gem is noted, as it has produced remarkably rich rock in years past.

### LOCATED IN PORTLAND

W. P. Swart, formerly with the Holt-hoff Manufacturing company of Wisconsin, and latterly more directly connected with C. B. Moore & Co. of San Francisco, has taken a position with the National Drill and Manufacturing company of this city. Mr. Swart will have charge of the mining machinery department of the firm, keeping in touch with northwest mining interests.

### SMALL HILL STARTED

(Special Dispatch to The Journal.)  
Greenhorn, Or., Nov. 10.—Kershaw & Gilkey, owning a group of prospects on Vincent creek, Grant county, have started the five-stamp mill recently installed by them. Work is expected to continue most of the winter as the partners believe they have enough ore in sight to keep the little plant busy.

### ONE OPERATED IN CHINA

S. E. Hassan, formerly interested in the mining business in China, but looking at properties in the Santiam of this state, was in the city yesterday. Mr. Hassan did not state that he would become identified with Oregon mining, but it is understood that he contemplates doing so.

To Cure a Cold in One Day: Take Laxative Broom Quinine Tablets. All druggists refund the money if it fails to cure. S. J. Covey's signature on each box. 25c.

### EXCAVATING FOR A NEW POWER HOUSE

**CONDOR MANAGER HAS WORK UNDER WAY TO INCREASE INSTALLATION FROM 600 TO 2,000 HORSEPOWER—CONCRETE REPORTS HIS RESULTS.**

T. M. Dill, connected with the Condor Water & Power company, Jackson county, stated while here today that the work of enlarging the plant at Goldray was proceeding rapidly. An excavation of about 80 by 100 feet is being made in the rock formation for the second power house, which is to be immediately adjoining the one erected before. Mr. Dill says that he understands the manager will put in turbines and dynamos sufficient to bring the total capacity of the Condor plant up to 2,000 horsepower. This work will be pressed to an early finish, as the construction force is as busy as the elements and conditions will permit.

People of eastern Josephine and Jackson counties in general take keen interest in the work being done by the big concern, and expect to see marked development of resources as a result. They are especially eager to see what stimulation will be given horticulture and agriculture by the proposed plans for irrigating with electrical energy, using it to pump from the wells. If this work is successful, and there is no doubt that it will be, if the price at which power is furnished will make the use of it economical to the farmer, there are vast tracts of land in Jackson and Josephine counties which will be made available to the fruit grower and small farmer.

### OREGON HAS CEMENT BEDS OF HIGH GRADE

Oregon imports each week large quantities of Portland cement, and as the extensive work in improved street paving progresses, and building grows throughout all the leading cities, the

### Nervous Disorders

include all affections of the brain, spinal cord and nerves; they embrace head aches, such as dizziness, dullness, Headache, Fits, Blues, Melancholy and Insanity. Also Backache, Neuralgia, St. Vitus' Dance, Epilepsy, and all disorders arising from a weakness of the nerves of any organ or part, as Weak Lungs, Heart, Stomach, Kidney, Bladder, etc.

### Dr. Miles' Restorative Nervine

because it reconstructs worn-out nerve tissue, is a refreshing, revitalizing tonic food-medicine, prepared especially to rebuild the worn-out nerves. "My son, when 17 years old, had epilepsy; could not attend school. Following the failure of physicians to cure him, we gave Dr. Miles' Nervine, and Nerve and Liver Pills. In ten months he regained perfect health." WILSON, Dep. Co. Clerk, Dallas Co., Mo. Money back if first bottle fails to benefit.

importations increase rapidly. Often the suggestion is made that capital be interested in the deposits of this state, developing one or more to the stage where they would supply the local demand. Some analyses have been made by experts to this end, with fairly satisfactory results, and latterly discoveries of materials have been reported that lead to the conclusion that the state will in due time be manufacturing all of the cement required here, and perhaps be exporting to other countries.

The elements of No. 1 Portland cement are: Lime, 59 per cent; silica, 24; alumina, 7; oxide of iron, 2.1; magnesia, .75; potassium, .75; sodium, .75; sulphate of lime, 2.75; and clay sand, 1.5. Roman cement has the following proportions: Lime, 55; magnesia, 5; silica, 25; alumina, 2.5; oxide, 5; and other elements about the same as above.

J. S. Diller of the United States Geological Survey analyzed tuff taken from the Roseburg quadrangle while surveying it, with the following results: Silica, 55 per cent; carbon oxide, 2.5; titanium dioxide, phosphoric acid and alumina, 9.75; ferric oxide, 7.75; lime, 10.5; magnesia, 2.2; potash, 5, and soda, 1. There is a deposit near Dallas which has also been analyzed, according to Professor Stafford of the University of Oregon, with the following results: Total silica, 24.05; aluminum and iron oxides, 15.66; lime, 21.58; magnesium oxide, 2.74; carbon dioxide, 26.24, and undetermined, 2.14. A discovery said to be of great promise was made in Wallowa county, down on the Snake near Lewiston, which was taken up by capital with the purpose of developing it, but latterly nothing has been heard of the work. Detailed analyses were not available for this deposit, but it was reported at Lewiston and Spokane to be admirably adapted to the making of a first-class Portland cement.

Development of the cement industry seems never to have been undertaken in a scientific manner in Oregon, and the prospecting work done for the proper material has been quite limited. Expert geologists and mineralogists are quite frank in the belief that when such is undertaken, the state will more than supply its own demand for the essential of artificial stone.

### ROCK FROM ALASKA

W. W. Elmer, the Baker county mining engineer, has returned home, after a trip of more than a month and a half in Alaska. He went to examine a property several hundred miles from Resurrection bay, making a difficult trip to reach the district.

### HAY IS ENLISTED IN THE OPIUM CRUSADE

Washington, D. C., Nov. 10.—Secretary Hay this morning gave a hearing to a delegation representing the International Reform bureau and a number of other missionary societies which have united in a petition asking the government to initiate diplomatic efforts to induce Great Britain to release China from treaty compulsion to allow the opium traffic. The missionary societies claim to represent a majority of the American people, and as President Roosevelt and the senate have already declared in favor of a universal treaty to prohibit the sale of both intoxicants and opium among aboriginal races, it is hoped that some tangible results may follow today's hearing. It is believed that the Japanese government would be ready to join any movement to suppress the opium traffic, as both before the war and recently it has shown an interest in the matter.

### COL. HOFER OF SALEM LANDS FIRST PRIZE

Writers outside of Portland who competed in the Oregon story writing contest have been awarded the prizes to which the judges found them entitled according to merits of their work. Colonel E. Hofer, a Salem newspaper man, captured the first prize, for a strong article written by him and published in the Lansing, Ia., Mirror.

All of the articles in the competition told comprehensive stories of Oregon's advantages and resources, and most of them were published in country newspapers of the middle west. The benefits that will accrue to the state from this publicity are bound to be considerable. The middle west is fertile soil for Oregon advertising to fall upon. Colonel Hofer will have his choice of a gold medal or \$50 in cash, and the second prize winner, Cyrus E. Walker of Albany, Oregon, will receive the

medal should Colonel Hofer prefer the cash. The third prize winner, Mrs. Harriet Minthorne of Woodville, gets \$25 cash; the fourth prize winner, Fred Lockley of Pendleton, gets \$15, and the fifth prize winner, Paul R. Lyster of Gardiner City, gets \$10. The Commercial club officials who planned the competition are highly gratified with its successful outcome. The judges who passed upon the state competition are: Rev. W. E. Gilbert, Rev. M. A. Quinan, Professor J. W. Pratt, Professor W. C. Hawley.

### Preferred Stock Cannot Goods. Allen & Lewis' Best Brand.

**ARCHBISHOP AGUIUS SAILS.**  
(Journal Special Service.)  
London, Nov. 10.—Archbishop Agius, the newly appointed apostolic delegate to the Philippines, is among the passengers sailing today on the steamer Minnetonka for New York. Upon arriving in America, Father Agius will proceed at once to Washington to confer with President Roosevelt prior to resuming his voyage to Manila.

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