

### WORK RESUMED AT GOLDEN RULE.

#### Al Hillier Takes Charge Of This Well Known Property.

Work was resumed on the Golden Rule, which has been idle for the past four years, this week, with Al Hillier, who is half owner of the property, in charge. Mr. Hillier returned from Portland the latter part of last week, where he made arrangements with his partner, Dr. J. J. Fisher, for continuing development work.

The Golden Rule is one of the old producers of the Cable Cove district, having shipped some very high grade ore during the former years of its operation, but nothing has been done recently except enough work to hold the claims.

Mr. Hillier's plan of development is to abandon the old workings, and move further down the mountain and start a new crosscut, which, in a distance of 400 feet, will tap the vein at a depth of about 450 feet. This will reach the rich ore body, averaging from three to five feet, demonstrated in the upper workings. Ample supplies have been sent out to the property. It is the purpose to bring the mine up to the producing stage on the new line of development as soon as possible.

#### DEPARTMENT OF MINES.

#### Great Industry Should be so Recognized by National Government.

The establishment of an independent department of mines and mining, and the creation of governmental scientific schools devoted altogether to mining and metallurgy in all its various branches would not only be a proper recognition of the importance and magnitude of this great national industry, but would have an inspiring, practical effect in stimulating invention and all industrial advancement, and the development of resources now dormant and useless.

The precious metal ores, how profitably to extract the ores, is everywhere the most important question to gold miners. The many tons of ore rejected and the few accepted, because of low grade or refractory character, is of all universal application. In fact, perhaps not one-fourth of the valuable gold bearing substance is utilized. There are districts, and many of them, situated amidst every facility for cheap and successful work, demonstrated to contain from one-quarter to one ounce of gold, and even more, which have never yielded anything commercially. Mining sections everywhere are filled with monuments of ruined hopes of owners by the failure to profitably work their ores. There must be a remedy for all this lost waste. The prospector has proved the value of his energy and ability in discovering the ores, the miner in producing them, and it now only remains for the scientific man to solve the proper economic method by which they shall be treated at a profit by the producer.

By systematic exploration of the mountains and other portions of the public domain vast bodies of metals and minerals will be brought to light, which otherwise would remain unknown. Geological investiga-

tions will direct the untiring prospector, save a vast amount of labor and expenditure now devoted to useless ends and leading only to disappointments and heart sores; and in a marked degree increase the extent of valuable discovery and development, with wonderful financial gain, and the entire field of commerce, manufacture, trade and transportation, as well as speculation, steadied and rendered more stable and secure.—Journal for Investors.

#### WORK AT THE EARL.

#### Eight Foot Ore Body Carrying Satisfactory Values.

Morris Sullivan, one of the owners of the Earl, in the Greenhorns, was in the city this week and states that the property is making an exceptionally fine showing. He says that the vein is sixteen feet between walls with an eight foot body of ore carrying highly satisfactory averages.

The drift tunnel is now in a distance of 250 feet, and steady progress is being made at the property.

#### BIG ORE BODY.

#### Eighteen Feet In Crosscut At Adelene Group.

Warren Cable, superintendent of the Adelene group in the Cracker Creek district, was in from the property last Saturday, and reports eighteen feet of pay ore in the crosscut, and the work is yet remote from the opposite wall. The ledge he states is 100 feet in width. It is said to be the same lead on which the Cracker Oregon and the Sampson are situated, and also on which Gleason and Doan recently made the rich strike.

After crosscutting the vein, Mr. Cable states that he will drift southwest on the lead and thoroughly explore the ore bodies. The boarding and bunk houses and blacksmith shop have been completed and the company is in a position to carry on continuous development work. The property is operated by the Oregon Gold Mining company, which was recently financed by Newcastle people through the efforts of Mr. Cable.

Dr. Greenlee, dentist, over Basche Hardware store.

Shoes of all kinds at Neill Mercantile company's.

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