

THE ADELENE GROUP.**Great Improvements Being Made At This Property.**

Warren Cable, the well known mining man, who has superintendence of the Adeleno group in the Rock Creek district, for Pennsylvania people, spent the Fourth in the city. Mr. Cable states that a big amount of development work is being done with most excellent showings. He is putting up bunk houses, boarding houses, stables and other buildings getting in shape to carry the work forward as rapidly as possible.

The Adeleno is a group of six claims operated by the Oregon Gold Mining company. A drift is being carried under the apex of the mountain where a vertical depth of 2,000 feet will be obtained. The property contains an enormous ledge with pay streaks similar to those found, Mr. Cable states, in the Buckeye and Great American claims to which attention was called last week, of which it is believed to be a continuation. These streaks are an exceedingly high grade free milling ore.

GOLDEN WIZARD MILL.**Stockholders Meet in Tacoma July 20 to Decide on Plans.**

Dr. L. O. Miller, of Three Rivers, Michigan, president of the Golden Wizard company, is expected to arrive in Sumpter on the first of next week. The object of his visit is to attend a meeting of the stockholders to be held in Tacoma on July 20, at which time the size and plans of a concentrating plant which is soon to be erected on the property will be decided upon.

It is stated that the it will probably be a roller proposition with a daily capacity of 100 tons. A ten stamp mill was originally contemplated, but it is thought that recent developments at the property will justify the installation of a much larger plant.

Superintendent McPhee is at present drifting on the tunnel level in a full breast of good ore. The property has an enormous ledge of ore that averages well. The mill will probably, it is stated, be installed this fall.

A SCIENTIFIC PROBLEM.**Professional Paper to be Issued by the Government Survey.**

The June issue of The American Journal of Science contains a review and summary of the work being done in southwestern New England to unravel the intricate and mooted geological problems which for nearly half a century have been the bone of a lively controversy among American geologists. This area has been sometimes designated as "The Battle Ground of American Geology," and eminent names in science have been connected with the varying and conflicting theories as to the stratigraphic and dynamic problems involved. More recently the work on this historic problem has been taken up by the U. S. Geological Survey under the charge of Prof. W. H.

Hobbs, of the University of Wisconsin, and his conclusions, if sustained by the further detailed work in progress, will be of widespread effect in the solution of fundamental problems of the science of the earth in other regions as well as in the district under examination.

In general, Prof. Hobbs has undertaken to prove that the deformation of the New England area cannot be adequately proven by an assumption of folding alone, and he has added as a prime factor the effect of a system of joints and faults, the faults conforming in direction with the system of joints. The full result of the work of Prof. Hobbs will shortly be given in a professional paper to be issued by the U. S. Geological Survey.

This work of pure science may appear a useless refinement to the practical engineer and mining man, but the direct obligation which applied science owes to theoretical science has been too well and often demonstrated for anyone to make little of this investigation into the refinements of geology. Prof. Hobbs has undertaken a knotty problem, and if his solution of it is accepted the results will be far-reaching and will extend to districts in which the economic phases of the subject are prominent or perhaps pre-eminent; which, of course, is not the case in this area of southwestern New England.—Mining World.

BUILDING COMPLETED.**Machinery for Sampling Works Expected Any Day.**

The building for the sampling and testing works of McEwen, Arthur & McEwen, on Cracker street, is now practically completed, and ready for the installation of the machinery, which is expected to arrive any day. The building is well arranged and admirably suited to the purpose intended.

A large amount of work has already been contracted ahead, and it is stated by the management that if the patronage proves as good as present appearances indicate, the plant will probably be enlarged and arrangements made to do custom work on a more extensive scale.

Golden Eagle Changes Hands.

Otis Alderson, formerly of Spokane, has rented the Golden Eagle hotel on Mill Street and will continue the business. W. H. Mather, the former proprietor, is acting chief of police in the absence of Chief Rand.

Help Build Up The West.

The low rates from the east to the west and the northwest, February 15 to April 30, will undoubtedly bring out thousands of settlers. Where they will go is largely a question of inducement. If you are interested in securing any eastern people for your section of the west, send their names and addresses to the undersigned. All the facts and figures about the trip will be promptly sent them. H. S. Rowe, General Agent, Chicago, Milwaukee & St. Paul Railway, 134 Third Street, Portland, Ore.

Ice Cream! Ice Cream!

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