

DISTRICT OF HEAVY SMALL STAMP MILLS

Jump-Off-Joe Creek Busy the Past Year—Good Work of Granite Hill Encourages Owners of Numerous Miners Properties.

In point of equipment and energy of development, the Granite Hill mining property of the American Gold Fields company ranks next to the Greenback in Josephine county. The best hole in a western Oregon mine is found at the collar of the new, vertical, double-compartment shaft, and the milling plant, erected on the ultimate basis of 20-stamp capacity, is also as thorough as any in the state. Approximately 1,000 acres of mineral land is included in the holdings of the company. There are three distinct groups of claims, known as the Granite Hill, Red Jacket and the Ida, all contiguous yet worked by separate tunnels and shafts.

Superintendent L. B. Wickersham, a Portland mining man, is in charge of work. W. J. Brophy of Chicago is manager and C. N. Sharp, of the same city, is president. The work being done prominently on the scale, probably, will be connected by an aerial tram. The Ida's main workings are about a mile from the mill.

Model Quartz Mill.
The hoisting plant has a depth capacity of from 1,500 to 2,000 feet. It has double drums, only one being used at this time. The head-frame is 40 feet high, of sufficient strength to bear heavy loads. For the hoist and mill a 100 and a 75-horse-power boiler have been installed. The mill has 10 stamps installed, the battery floor having been prepared originally for 20. A Blake breaker receives the ore from the mill bin. One thousand-pound stamps are used, at low, rapid drop, crushing to 30 mesh. Four vanners concentrate values not caught on the plates. A compressor plant of six-drill capacity furnishes air for the four-man chine drills used in the shaft and drifts.

GRANITE HILL MINE.
Headframe of Hoist and Mill Building Capable of Accommodating 20 Stamps.

Granite and diorite divide the property; the contact striking between the Red Jacket and the Granite Hill groups. The Granite Hill and Ida are in granite, and the Red Jacket is in diorite. The property, being but six miles from the Greenback, and in the same belt, has similar conditions in some respects, especially in the high grade of ore mined in some of the fissures. Several veins cross the property, but most of the work has been on three.

The Granite Hill was mined for several years from an adit and winze sunk therefrom, rich ore being taken from this work to the little five-stamp mill and an arrastra. The new shaft is now down to about the 400-foot level, and crosscuts have been made on the 200-foot and 400-foot levels to the vein. It is the purpose of the management to sink steadily to 500 feet of depth, crosscutting to the vein at each 100 feet below the 200-foot level, where the shaft passed through the fissure. Drifts have been extended nearly 500 feet on the 200-foot level, where the shoot of beautiful quartz ranges from three to 10 feet. In this ore body there is a lot of free gold, and in two places rich grades of galena. At the 400-foot level the drift is exploring this same ore body, with what is said to be even better results than were had on the 200-foot level. The vein is widening with depth, as work in the adit found two to five feet of ore. Both walls of this fissure are exceptionally clean and well defined.

On the Red Jacket an adit opened the vein at a vertical depth of 70 feet, where drifts of more than 200 feet were made, and a high-grade, narrow body of ore mined for the first time. The adit was raised, was made from this level to the surface, which is taken for the commencement of a shaft that is to be sunk 300 feet. If this vein widens with depth as did the Granite Hill, it will prove an important feeder for the enlarged mill contemplated. There is about 600 feet of work on the Ida. Superintendent Wickersham intends to keep a crew on all three properties. The Red Jacket is about a quarter of a mile from the new mill, and when developed and

THE VALUE OF CHARCOAL.

How People Know How Useful It is in Preserving Health and Beauty.

Nearly everybody knows that charcoal is the safest and most efficient disinfectant and purifier in nature, but few realize its value when taken into the human system for the same cleansing purpose. Charcoal is a remedy that the more you take of it the better; it is not a drug at all, but simply absorbs the gases and impurities that are present in the stomach and intestines and carries them out of the system.

Charcoal sweetens the breath after smoking, drinking or after eating onions and other odorous vegetables. Charcoal effectively cleans and improves the complexion, it whitens the teeth and further acts as a natural and eminently safe cathartic.

It absorbed the injurious gases which collect in the stomach and bowels; it disinfects the mouth and throat from the poison of catarrh. All druggists sell charcoal in one form or another, but probably the best charcoal and the most for the money is in Stuart's Charcoal Lozenges; they are composed of the finest powdered Willow charcoal, and other harmless antiseptics in tablet form or rather in the form of large, pleasant-tasting lozenges, the charcoal being mixed with honey. The daily use of these lozenges will soon tell in a much improved condition of the general health, better complexion, sweeter breath and purer blood, and the result of it is, that no possible harm can result from their continued use, but on the contrary, great benefit.

A Buffalo physician in speaking of the benefits of charcoal, says: "I advise Stuart's Charcoal Lozenges to all patients suffering from gas in stomach and bowels, and to clear the complexion and purify the breath, mouth and throat; I also believe the liver is greatly benefited by the daily use of them; they cost but twenty-five cents a box at drug stores, and although in some cases a patient preparation, yet I believe I get more and better charcoal in Stuart's Charcoal Lozenges than in any of the ordinary charcoal tablets."

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Mothers as Guardians of the Family Purse

The CHICAGO

The Big Store in the Middle of the Block — 69-71-73 Third St., Bet. Oak and Pine
OFFERS YOU MORE MONEY SAVING OPPORTUNITIES than all the stores in Portland combined. We display an all new Fall and Winter stock of Youths', Boys' and Children's Suits, Overcoats, Pants, Hats, Shoes and Furnishings. You don't have to compromise on quality or style at this store to save from
20 TO 50 PER CENT ON CLOTHES FOR THE BOYS

Children's Knee Pants Suits

- You will be amazed at the immense variety and elegance of the material, workmanship and style.
- \$1.15** Will buy a good cassimere or union cheviot, dark or medium color \$3 suit.
- \$1.85** Puts you into 25 styles of all-wool or union cassimeres and worsteds; worth fully \$3.
- \$2.85** For all the prevailing styles in black and blues, also plaids, checks and neat mixtures; worth \$4.50.
- \$3.85** For \$8 Buster Browns, in eight styles of color and materials, also Norfolks, Cossacks, plain, double breasted and Cavalry reefers.
- \$4.85** Imported materials, in staple and exclusive designs, the very latest materials and excellence of workmanship; sell at all stores up to \$7.
- \$5.85** Are the very choicest of materials, made in all the prevailing and novel styles of the season, an almost endless variety; worth up to \$8.50.

Overcoats for Children

The Chicago always carries the largest stock in the city. When we speak of any of our departments, not because we want to boast, but it's facts. If you have not been here you miss visiting the greatest top-toe outfitters on the entire coast, where your money buys the best and most of it.

CHILDREN'S OVERCOATS

- 20 to 40 Per Cent Under Price**
- \$2.35** For choice of very nobby dark color \$4 Overcoats.
- \$2.85** For several styles of \$4.50 Overcoats.
- \$3.85** For 20 styles of very handsome \$8 Overcoats.
- \$4.85** For a score of nobby, extra good \$7 Overcoats.
- \$5.85** For children's imported material \$8 Overcoats.

MEN'S MONDAY FLYER \$8.00

Suit and Overcoat special Monday flyer. We have taken about 200 extra fine quality \$15 Suits and Overcoats, in all styles and colors, Acorn and Crouse & Brandagee's hand-tailored garments, and put them in this great lot, which is the best bargain we have offered this season. Be here early and secure first choice, as the lots do not contain all sizes in every line, but the entire lot contains stouts, slims or regulars, from 34 to 46 bust.

Young Men's SUITS

- We carry a full line of D. Pfeizer & Co., Cahn & Wampold, Acorn and other high grade makes of good and fine clothes. Our variety of styles—we mean new fall styles—cannot be equaled on the coast, including the largest stores in San Francisco.
- \$4.00** Is where we put odd lots of suits, worth \$6.50.
- \$7.00** For choice of 20 styles single and double breasted, tailor-made \$10 and \$12 Suits.
- \$9.00** Will buy suits that sell regularly at \$13.50 to \$15, comprising all the late weaves and colors, 25 styles of patterns besides black, blue and brown.
- \$13.00** For your unlimited choice of all our finest \$15, \$18 and \$20 tailor-made suits. This lot comprises a variety of over 50 styles, consisting of 500 suits, and is pronounced by all as the most elegant showing of nobby suits for young men ever shown in this city.

Young Men's Overcoats and Cravenettes

- \$4.00** For choice of a lot of \$7 Overcoats.
 - \$7.00** For long belt styles, all-wool \$10 and \$12 Overcoats.
 - \$9.00** For cravenettes and belt style, up to \$15 Overcoats.
 - \$13** For choice of all our finest hand-tailored Cravenettes, Overcoats, worth to \$20.
- Our stock of young men's over-garments is the most complete ever shown. The forced clearing sale prices gives you an unparalleled opportunity to secure highest qualities right in the very beginning of the winter season at a positive saving of fully ONE THIRD on each garment.

JOSEPHINE ROAD PAVED WITH JADE

that ore in sight warrants a 10-stamp plant. More than 2,000 feet of work has been done, and now a shaft is being sunk, a depth of 80 feet having been attained, on which level drifts are being extended. This shaft is to be put down, with levels at each 100-foot station. The vein exposed in this work is quite strong, and when opened on the lower levels, promises a permanent reserve for a plant of the size being erected.

SELLS TICKETS TO WEDDING.

(Journal Special Service.)
Evansville, Ind., Oct. 23.—James Sutton of this city, who has been selling fish at the county fairs of southern Indiana for almost 30 years, and who is known as "the boneless fish king of America," is to be married tomorrow night and he has engaged the largest hall in the city for the ceremony. He will sell tickets of admission and expects to realize enough to pay for his honeymoon trip.

JOSEPHINE ROAD PAVED WITH JADE

DIKE OF SEMI-PRECIOUS STONE, OUT WHILE GRADING DOWN ROUGE RIVER TO GAINES FORMATION.

PRISON IMPROVEMENT HAS DAY IN PULPIT

(Journal Special Service.)
New York, Oct. 23.—Tomorrow is what is known as "Prison Sunday," a day on which the National Prison Association asks ministers of churches to discuss problems relating to the prevention of crime and the treatment of the criminal. The association, which has its headquarters in this city, is active in calling attention to what it considers to be the principal means by which the penal system and its administration may be improved. Among the reforms which it advocates are the following:

STANDARD SCALES FOR WATER FRONT

CHAMBER OF COMMERCE COMBINES THE MAY REQUEST GOVERNMENT FOR THREE-NAVIGATION COMMITTEE RECOMMENDS THE INSTALLMENT OF SCALES.

A committee from the chamber of commerce will likely request the government to erect a set of standard scales on the water front that will be operated by government employees. The committee was appointed to discuss the matter as the result of the following recommendation submitted to the chamber of commerce by the navigation committee of that body:

The attention of your navigation committee was called to the fact that the United States government has arranged with the state board of harbor commissioners at San Francisco for the erection of three sets of standard scales along the water front, such scales to be operated solely for government employees, and they will have a capacity of 50 tons per load. The government will operate the scales exclusively for the benefit of importers of merchandise at that port, and the handling of foreign goods will thus be greatly facilitated. A most direct advantage to the San Francisco importers will lie in the fact that the government will make no charge whatever for weighing the goods.

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Punishment to begin only after conviction of crime, and not immediately after arrest, as the association says is too often the case.
The administration of the prison system to be freed entirely from politics.
The extension of work under the probation law and the appointment of more probation officers, especially for the care of first offenders.
Better county jails, and the abolition of the system under which the sheriffs are paid by the day for the keeping of prisoners in their charge.
The enforcement of laws providing for daily labor of prisoners under sentence and the separation of prisoners in county jails.
The application of the indeterminate sentence to all classes of prisoners, and the extension of the parole system that it may apply to long-term prisoners.

THE LAST OF THE POSTAGE STAMP RATES.

The O. W. P. will discontinue its summer excursion rates after today. All cars from First and Alder, where tickets must be purchased.

A word to the wise is sufficient. If you don't buy Portland real estate now is the time to buy. Portland's population has increased 50 per cent in the past four years, and it will only be a few more years until it will be the metropolis of the Pacific Coast. Those who are wise enough to invest their money in good real estate now will reap the greatest benefit from this growth. Call at our office and let us show you some of the bargains we have to offer you. We have some that would make a smart man.

Suburban Land Company
E. NIELSEN, PRES.
IN ALL KINDS OF REAL ESTATE

319 Chamber of Commerce