

# Mines and Mining Stocks

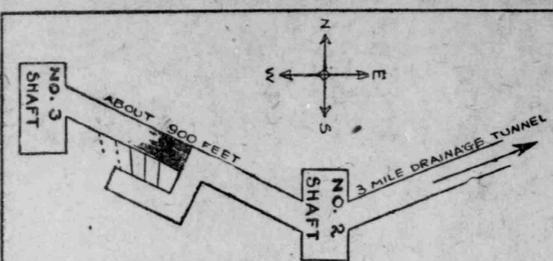
## DRAINAGE WORK AT THE ONTARIO

Diamond Drill Started on New Bore for Main Avenue of Drain Level.

## DRILL HOLE SENT THROUGH

PROSPECTS FOR EARLY UNWATERING OF MINES BRIGHT.

Every day makes it look more and more as though the final draining of the Ontario and Daly mines was going to be speedily accomplished. A drill hole was pushed through from the side drift into the main connecting avenue between the No. 2 and No. 3 shaft stations, three or four days ago and, though this hole is only one and one-half inches in diameter, over 500 gallons of water per minute is gushing through it, and a second hole that is expected to be even more fruitful of results was started yesterday.



The main connecting drift from No. 2 a great deal of accumulated debris was encountered and before half the distance was covered the ground was found so badly caved and so wet and dangerous to life that a strong bulkhead was constructed and a drift was started to go around the bulkhead. After this side drift had been run parallel with the main avenue for forty feet or such a matter, it was decided to bore through to the main tunnel with a diamond drill. The first hole did not prove a success; the second was little better, while the third brought out considerable water and indicated that clear ground might be found a little farther ahead in the main drift.

From the No. 3 shaft the great drainage avenue has been extended in a south-westerly direction for approximately 450 feet through the Ontario and Daly mining properties to the eastern limits of Daly West ground. It has reached that point and the Ontario management was about ready to turn the work of extending the level through to a point directly beneath the Daly West shaft, and the main drain tunnel of the Ontario caved in close to three years ago.

## CUTTING LOOSE

Mammoth Modern Milling Plant Is Now Being Placed in Commission.

## READY FOR BIG OUTPUT

SOME OF MILL'S FEATURES AND METHODS OF OPERATION.

If anything unforeseen happens to delay matters, the great milling plant of the Boston Consolidated company at Garfield will, within twenty-four hours, be turning out copper concentrates at a rapid clip.

Word from Engineer A. F. Bettles yesterday was to the effect that final adjustments were being rapidly made and that another day would be all that was necessary to get the shape for actual, regulation work. This event marks a new epoch in the history of the Boston Consolidated company and one that means the beginning of earnings which are to make of the proposition one of the greatest copper mining successes of the age.

To meet the demands of the plant for ore, Mines Manager Louis S. Cates, who is in the city yesterday, reports that every provision has been made. The receiving bins at the big milling plant, which hold the ore for 2,000 tons, now hold more than half full, while from 750 to 1,000 tons of ore per day is being delivered at the works, in addition to the 300 tons of sulphide ore being daily delivered at the Garfield smelter of the American company.

## Mine-Ready to Supply Tonnage.

I have only been operating one steam shovel up to the present time in supplying ore to the new mill," said Mines Manager Cates during the afternoon, "but another shovel or two and about 150 ad men will be put to work in a few days to supply Mr. Bettles' plant with all the ore it can handle. It is not a matter of either me much to keep the mine end up if the tonnage demanded was double the capacity of the mill as its starting task of limbering up the machinery, trying out the crushers, conveyors and the other things incident to the starting of such a large plant, has been going on for several days, and I understand that no hitches have yet occurred."

Mr. Cates stated also that the new hotel at the mine which has been constructed to replace the one destroyed by fire early in the winter has been finished and is now ready for occupancy. It will accommodate 150 men and the number as many as the company expects to have to care for, as a large proportion of the force is composed of men who have their own homes in private places, and who will be employed a larger force of men than in its history.

It will be only a matter of a short time till the Boston Consolidated company will have the Cumberland-Daly copper mine, as the Utah Copper company, even though the mill of the latter company is of twice the capacity of the Boston Consolidated plant, will be in the case because the latter company will ship enough sulphide ore direct to the smelter to make up for the lack of local capacity. And it may be said in passing that there is absolutely no question but that the Cumberland-Daly copper mine will be enlarged during the present year; that is a foregone conclusion.

## Mill and Its Equipment.

Now that the mill is about ready to begin its career of usefulness, it will be interesting to know something of the plant's characteristics and the methods that are to be employed in recovering the copper from the ore. The main bin over which the railroad trains travel and which has a capacity of 10,000 tons, from this main bin the ore is taken by conveyor belts to the crushing plant, which is equipped with four rotary crushers. From the crushing plant the ore is taken by slightly inclined conveyors to the complete and ready for work. Water is there and all other needs supplied, so that, except for the gap in the trestle, production and manufacture of copper might be carried on at the present moment.

Actual operation of the concentrator cannot be begun for some time, as it will be necessary to rivet the steel work of the trestle and track laying. No definite day can be given for a start, but the work is apparently shaping up for a start within a month. This period is set as the outside limit of waiting.

At the present time the Cumberland-Daly connection has been made with the old shaft, providing greatly improved ventilation for the property. The erection of the main headgear of the big four-compartment shaft has been started, and this week should see an excellent advance in the development of the property. The shaft has been finished and materials are being delivered in carload lots to the property.

The power transmission line between the mines and smelting plant is under rapid construction. Wires have been strung for the greater part of the way and adjustment is now in progress. Present expectations are that the wire will be ready to transmit power within the next three weeks. The full complement of men working at the Veteran is now employed, as for several months past in active development of the property's resources and each day makes the proposition seem bigger and better, both from a mining and investment standpoint.

## Mining Notes.

Three cars of ore from Utah mines were released from the Pioneer sampler yesterday.

H. J. Scott, the energetic Goldfield mining man and broker, was in the city for a few hours yesterday.

An assessment of 15c per share was made upon the stock of the Silver Shield Mining company yesterday.

There were released from the Taylor & Brunton sampling works yesterday three cars of ore from Utah mines and one from Nevada.

Lorin Morrison is up from a trip to Beaver county. He reports everything looking well at the Indian Queen, and states that the Burning Moscow is making one of the biggest mines in the southern country. Great ore bodies now extend from the 20 to the 40-foot level and there is no telling how much farther.

## REAL ESTATE TRANSFERS.

Hubbard Investment company to McErdy, lot 1, block 15, plat A, 4.00. East Waterloo, 650.

Edward T. Ashton to Sarah A. Leonard, lot 1, block 15, plat A, 4.00. H. C. Edwards to Mary A. N. Timms, part lot 2, block 16, plat B, 850.

Paul A. Ekins to Nick Bonomo, 800 east 22nd, township 1, range 1, 100. Caroline McCarty to A. W. Palmer, part lot 4, block 15, plat A, 140.

## Union Assay Office.

M. S. Hanauer. J. V. Sadler. 162 So. West Temple. P. O. Box 1445.

## Special Announcement Regarding the National Pure Food and Drug Law.

We are pleased to announce that Foley's Honey and Tar for coughs, colds and lung troubles, is not affected by the National Pure Food and Drug law, as it contains no opiates or other harmful drugs, and we recommend it as a safe remedy for children and adults. H. H. Drug Co., "The Never Substituted."

## The Best Printing

Is done by The Century, Salt Lake City, printers, 165-167 South West Temple.

# SHIRTS AND CRAVATS

Extraordinary Occasion for Your Shirt and Cravat-Buying

Thursday, January 23, we will place on sale several lots of new Negligee and Pleated Shirts, plain and fancy patterns, cuffs attached and detached--all sizes--\$2 and \$1.50 values for . . . \$1.15

The Cravat occasion of the season. Fancy Four-in-Hand Cravats, \$1, 75c and 50c values . . . 3 for \$1

AN OPPORTUNITY TO STOCK UP ON FINE CRAVATS OF BEAUTIFUL PATTERNS

# W. E. FIFE COMPANY

Successors to Brown, Terry & Woodruff Co. 166 Main Street.

## READY TO TREAT ORE AT M'GILL

First Units of Concentrator Can Start When Railroad Trestle Is Finished.

Ely, Nev., Jan. 22--The trestle work connecting the Nevada Northern railway with the concentrating plant of the allied interests is closing up rapidly. It is expected that within the next week it will be concluded and the way left open for running of trains from the mines and the Nevada Consolidated.

The first unit of the concentrator is complete and ready for work. Water is there and all other needs supplied, so that, except for the gap in the trestle, production and manufacture of copper might be carried on at the present moment.

Actual operation of the concentrator cannot be begun for some time, as it will be necessary to rivet the steel work of the trestle and track laying. No definite day can be given for a start, but the work is apparently shaping up for a start within a month. This period is set as the outside limit of waiting.

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## WRITE US FOR OUR SPECIAL MARKET LETTER ON

## NEWHOUSE MINES AND SMELTERS

Herbert J. Wile & Co., 202 D. F. Walker Bldg. Salt Lake City. Members Salt Lake Stock Exchange. Both 'phones 608.

## COPPER STOCKS IN BOSTON AND NEW YORK

The Pollock private wires were still working badly yesterday and only partial reports of transactions in New York and Boston were obtainable. The range of prices and sales made were not secured. The following closing quotations on Boston coppers and New York curb stocks were furnished:

Boston, Jan. 22--Both markets were dull today and showed little change in price. We think good people are buying stocks on this reaction and the upward movement will be resumed by the end of the week. Amalgamated was fairly active today and the floor traders are optimistic. It ought to be a leader on the next movement. Calumet & Hecla people are bullish on La Salle and are talking of going to the mine. We would rather have Superior Copper or Isle Royale. Selling pressure on North Star is over, but the floor traders are a line of it which will have to be taken before it can advance much.

## Boston Copper Stocks.

Sales.Open.High.Low.Close. Bingham Con. 490 5 5 5 5. Butte Con. 173 14 14 14 14. Butte Con. 1,065 18 18 18 18. Butte & L. 1,320 1 1 1 1. Balaclava 1,214 3 3 3 3. Cal. & Ariz. 250 113 113 111 112. Cop. Range 299 38 38 38 38. Cop. Range 1,385 62 62 62 62. Davis on this reaction and the upward movement will be resumed by the end of the week. Amalgamated was fairly active today and the floor traders are optimistic. It ought to be a leader on the next movement. Calumet & Hecla people are bullish on La Salle and are talking of going to the mine. We would rather have Superior Copper or Isle Royale. Selling pressure on North Star is over, but the floor traders are a line of it which will have to be taken before it can advance much.

## New York Stock Exchange.

Sales.Open.High.Low.Close. Newhouse 799 9 9 9 9. Utah Copper 239 24 24 24 24. Balaclava 1,214 3 3 3 3. Tenn. Cop. 390 39 39 39 39.

## New York Curb.

Sales.Open.High.Low.Close. Cum. Ely 3,000 7 7 7 7. Ely Con. 239 24 24 24 24. Dom. Cop. 1,500 2 2 2 2. G. & S. 2,000 7 7 7 7. Nev. Utah 250 5 5 5 5. N. Smelter 100 1 1 1 1. Mitchell 100 1 1 1 1. King Edw. 300 3 3 3 3. Tintic Min. 100 1 1 1 1.

## New York Curb Close.

Bid. Asked. Newhouse 8.87 9.00. Utah Copper 24.37 24.50. Nevada Con. 10.87 11.12. Cumberland-Ely 7.87 8.00. King Edward 2.12 2.37. Nipissing 7.00 7.25. G. & S. 4.62 4.87. Nevada Smelting 1.50 1.75. Mitchell 1.00 1.25. Ely Consolidated 4.87 5.00. Silver Queen 6.25 6.50. Silver Leaf 5.00 5.25. Ely Consolidated 7.75 8.00. Dominion Copper 2.62 2.75. Gibraltar 3.00 3.25. Tintic 3.75 4.00. Montgomery Shoshone 4.25 4.50. Butte & London 3.75 4.00. Tennessee Copper 30.00 31.00.

## DRUNKENNESS CURED

A positive and permanent cure for drunkenness, drug addiction, Brain-Parent House, Dwight, Ill. Correspondence confidential.

## KEELEY INSTITUTE.

24 W. & Temple St., Salt Lake City, Utah

## That Good Coal

BAMBERGER 161 MEIGHN STREET

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At the Iowa Copper and Queen Bess mines work is being pushed rapidly, and Superintendent John C. Kearns of the latter says that they are taking out some mighty good looking ore and that as soon as the shafts are broken through in the spring a shipment will be made.

A night shift is being put on at the Washburn mine, beginning this evening, the management feeling justified in the action owing to the splendid showing now made at the property.

## NEVADA CON. AND UTAH COPPER BONDS

According to the Boston News Bureau, quoted over the Pollock private wires yesterday, an official of the Nevada Consolidated Copper company says subscriptions to the new \$3,000,000 6 per cent bonds exceed the amount that will be issued twice over. The recent Utah Copper company's bond issue has also been oversubscribed.

Having completed the financial arrangements of the Nevada Consolidated and Utah Copper companies, involving \$3,000,000, it is said that the two companies are looking to a consolidation of the two companies named, as well as the Cumberland-Ely. This consolidation, W. B. Thompson and James Phillips, Jr., are the controlling interests in the property.

## SILVER FLAT COMPANY HOLDS ANNUAL MEETING

American Fork, Jan. 22--The regular annual meeting of the Silver Flat Milling & Mining company was held here Monday. The report shows that considerable development work has been done on the property during the past year and that the results were encouraging. A small force of men has been kept at work all winter, and it is expected that something worth talking about will be encountered before spring. The following were elected to act as directors for the ensuing year: George F. Palkey, J. L. Parker, Alex. Cunningham, Ed. Bennett, Henry Lewis, James H. Clarke.

## Manhattan.

Manhattan Con. 20 21. Gold Wedge 63 63. Seyler, Humphrey 43 43. Dexter 43 43. Original Manhattan 45 45. Branch 43 43. Indian Cattle 43 43. Mineral Hills 14 15.

## Other Districts.

Fairview Eagle 48 48. Nevada Hills 2.60 2.60. Pittsburg Silver Peak 1.40 1.40. North Star Wonder .02 .02. Eagle's Nest 19 21.

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## Colorado, 1000/22.32, seller 30; 500/22.30, seller 60/41.75.

Iron Blossom, 1,000/22.30; 1,000/22.30. Lower Mammoth, 200/45c; 1,000/45c. South Columbus Con., 200/27c. Sioux Con., 1,500/16c. Scottish Chief, 1,000/30c. Utah Mine, 300/41.50. Uncle Sam Con., 200/51c. Shares sold, 2,510. Selling value, \$18,552.

## Stocks in San Francisco.

The closing quotations on Nevada stocks in San Francisco yesterday, as reported over the private wires of James A. Pollock & Co., were as follows:

## Comstock.

Opflr 1.27 1.40. Mexican 58 59. Jones & Curry 43 44. Consolidated Virginia 43 44. Savage 44 45. Sierra Nevada 47 48. Union Nevada 26 26.

## Tonopah.

Tonopah Nevada 4.62 4.65. Montana Tonopah 1.80 1.80. Tonopah Extension 1.80 1.80. Macanama 28 29. Lone Star 76 77. Tonopah Belmont 78 78. Tonopah North Star 10 11. Ohio Tonopah 68 68. Golden Anchor 48 48. Jim Butler 38 39. Cash Boy 31 31. Golden Crown 64 64.

## Goldfield.

Sandstorm 32 32. Columbia Mountain 21 22. Jumbo Extension 52 54. Fern Silver 28 28. Kendall 13 13. Booth 23 24. Elbe Bull 18 19. Silver Pick 30 32. Black Butte Extension 44 45. Dixie Bell 68 69. Gold Anchor 48 48. St. Ives 45 48. Conqueror 46 46. Lone Star 41 41. Sandstorm Extension 43 43. Mayne 62 63. Atlanta 38 38. Great Bend 22 24. Red Top Extension 14 14. Elbe Bull 18 19. Diamondfield B. B. Con. 4.55 4.57. Diamondfield Daisy 1.10 1.15. Lakuna 1.00 1.00. Great Bend Extension 44 45. Great Bend Annex 68 69. S. B. Bonanza 62 62. Crackerjack 69 69. Red Hills 38 40. Lou Dillon 44 45. Yellow Tiger 44 45. Grandma 67 67. Yellow Rose 44 44. Goldfield Con. 44 44. Diamondfield Triangle 67 67. Claiming Nation 44 45.

## Bullfrog.

Bullfrog Mining 66 66. Montana Bullfrog 42 42. National Bank 41 41. Gold Bar 49 49. Bonnie Clara 39 39. Mayflower Consolidated 16 17. Montgomery Mountain 14 15. Homestake Con. 54 55. Yellow Girl 42 42. Tramp Consolidated 19 20. North Star 44 44.

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