

MEMORANDUM

August 1, 1973

To: W. L. Wilson  
Idaho Mining Corporation

From: Ward Carithers  
Consultant, Reno

Subject: Report of activities,  
Month of July, 1973

Copper Hill project

A review of the Copper Hill and Copper Hill West prospects was continued during July and a summary report together with supporting plans and sections on 500, 100 and 50-scales were prepared. It is my feeling that, besides the relatively small pyrite deposit at Copper Hill, a much broader target is partly delineated by alteration features, anomalous Cu-Mo values and geo-physical data. Further drilling is warranted through Tertiary volcanics and also through andesite of the upper plate of the Gillis Thrust.

Pixie group, Cortez

A half-day visit was made to this property with W. L. Wilson on July 26. Erwin Pendleton, a turquoise lessee, was just beginning work at that time.

4-Mile Canyon, Cortez

A days visit was made to this property with W. L. Wilson on July 27 at which time a few samples were taken for Au, As and Hg analyses. Also, on July 28, the lower part of the Canyon was re-visited to size up the amount of work needed to repair washouts. Five places below Moly Spring need fixing and probably a day's bulldozer work is required. A D-8 equivalent is available from Jack Jones, Crescent Valley.

An office study was made of available data on 4-Mile prospects and a memo is in preparation. Two possibilities exist: (1) a group of gold prospects in the upper part of the canyon and on Sugarloaf and (2) a potential for contact or disseminated sulfide deposits related to intrusives in the middle and upper part of the canyon. A case can be made for each, but they are long-shots.

A decision is to be made as to whether or not to do current assessment work on all or only a part of the claims.

Miscellaneous

Lyle Campbell volunteered information that a "major company" has taken over his gold properties and intends to do a geochemical and jasperoid study of them.

August 1, 1973

Plans

During August, assessment work by geology and sampling is to be done on the Boudier, Leadville and probably part of the 4-Mile groups of claims. Dump and tailing sampling will be done at Leadville, and the U. S. Bureau of Mines said they will check silver recovery possibilities on the tailings.

cc: A. K. Wilson

Ward Carithers

MEMORANDUM

September 4, 1973

To: William L. Wilson, President  
Idaho Mining Corporation

From: Ward Carithers, Consultant

Subject: Report of activity, Month of August, 1973

Copper Hill project

A summary report presenting my thoughts on this property was completed and, together with supporting maps, was submitted to the Grand Junction and Reno offices.

Leadville property

Nearly a week was spent on this property finding and re-erecting claim corners and sampling mine dumps and mill tailings. Assays of the dump samples are attached. Those from the Main adit dump, the Harmon shaft dump and the Swingle adit dump show an interesting grade, but the tonnage represented is modest - probably on the order of 25,000 tons or so. However, the assays are encouraging toward the possibility that wall rocks of the reported high-grade ore shoots contain economic mineralization.

Tailing-sample assays have not yet been received. Samples of the tails were also submitted to the U. S. Bureau of Mines for possible testing, but as of the end of August no work had been done on them.

Boulder prospect

About a week was spent on this property mapping part of the geology, taking a few background geochemical samples and re-erecting and identifying some of the claim corners with aluminum tags. Although the copper mineralization is related spacially to an intrusive body of granodiorite(?), there is more than one intrusive rock in the local area and also, there is an area of mild hydrothermal alteration in the western sector of the prospect. This multiple igneous activity might be responsible for a magnetic anomaly there and also, hopefully, hidden mineralization.

Part of the Boulder, including some of the patented ground, was over-staked in April, 1972 by Paul Light of Gabbs. He recorded the Location Notices (Book 30, pp. 398-399, 530-531, 538-539) but no Location Certificates, and there is no evidence of recent work on the ground.



September 4, 1973

Tonkin Summit property

Nearly two weeks were spent in the Tonkin claim area in late August mapping geology, finding and identifying claim corners and finding and sampling drill holes that were put down in 1966, 1967 and 1968. One of the owners, Leo J. Demale was on the ground one day to help locate the holes, but his knowledge is somewhat limited. His suggestion that we contact Don Jennings, a former Cordero employee, about the drilling might be followed, but I think we have all the holes located.

The mineralization at Tonkin is related to a fault and breccia zone that trends northward through the area and displaces chert, shale and limestone of the Ordovician Vinini Formation as well as mid-Tertiary volcanic rocks. Barite, calcite, pyrite, a little stibnite and galena and the reported gold and silver are associated with this zone.

One of the Tonkin claims, the Doe, in the central part of the claim group was found not to have had assessment work filed during recent years. The Doe 7, which is outside the group, was filed on instead. After discussing this with Demale, a new Location Notice was posted on the claim. This will hold it until the current assessment work is filed.

Fourmile Canyon-Cortez area

On behalf of Martel Mining Company, arrangements were made late in the month for Paul Lewis of Crescent Valley to rebuild the road leading up Fourmile Canyon with his TD-14 bulldozer. This was completed on August 30 after 50 hours of work, and the road is now in fairly good shape.

The corners of a few of the 21 claims being "saved" by the current assessment work were found and identified with tags and flagging. However, a large number of the corners of this group are still down or are missing, and an estimated 4 or 5 days work is required to put all corners in order.

While in the area supervising the cat work, a few samples were taken across a gold showing in quartz porphyry near coordinates N9000, E5300; this is outside the boundary of the presently-held claims.

A brief look was made in the old houses at Cortez for drill core from the Pixie prospect. One house contains a rather disorganized pile of rotary cuttings, pulps and drill core boxes that have been worked over by "tourists". Core holes identified are Nos. 2, 7, 8A, 11, 501 and 1005. None of 1010 was found.

Plans

Affidavits of assessment work for the Leadville, Copper Hill, Boucher and Tonkin groups of claims will be completed and filed in early September.

September 4, 1973

During September, and as assay returns are received, I expect to complete memorandum reports on the Leadville, Boudier, Tonkin and Fourmile Canyon claim groups. A few new maps of these projects are to be prepared but these might be somewhat delayed owing to my draftswoman being tied up by the U. S. Bureau of Mines until after their Open House show on September 26.

The Bureau of Mines "show" or conference will be displaying and presenting papers on several new techniques including heap leaching of silver ores.

cc: A. K. Wilson

Ward Carithers



M E M O R A N D U M

September 6, 1974

To: Mr. W. L. Wilson, President  
Idaho Mining Corporation

From: Ward Carithers, Consulting Geologist  
Reno, Nevada

Subject: Report of activities during August, 1974

General

Proof of Labor affidavits for the assessment year ending September, 1974 were filed for the following claim groups:

Leadville, TB 1-11 lode claims  
Leadville, TB placer  
Quartz Hills 14 claims  
Tonkin, 21 claims  
Northumberland, 76 contiguous claims

Northumberland project

Pete Chapman of Cyprus Mines called in early August to request data on this property. I made a set similar to that given to Placer-Amex without drill hole logs and sent it to him at Tonopah. Chapman and Joe Worthington, also of Cyprus, were on the ground later in August, and on August 23 they spent a few hours with me in Reno discussing the potential of the prospect.

Boulder project

Certificates of Relocation were filed on five claims adjacent to the ones already being held at the Boulder so that the group of claims where the drilling was done last July is a contiguous one.

Quartz Hills project

Location Certificates for four new claims and Relocation Certificates for five old claims were filed at this prospect. A study of the prospects of the property is underway. It appears that a small pod of a few tens of thousand tons has been indicated by five closely spaced holes, but other nearby holes and also surface sampling results are discouraging toward finding additional tonnage there. However, results of sampling on the newly relocated Quartz 20-23 claims to the northwest show a small gold anomaly which needs more work, probably a drill hole or two.

Tonkin project

A Certificate of Relocation was filed for the Doe claim.

Leadville project

About 150 pounds of Leadville tailings was delivered to the Nevada Bureau of Mines and Geology. They will "spend" about \$200 working on this material for which we can expect mineral identification work and probably a few bench tests.

A total of 25 rock and soil samples from the Leadville zone were submitted for geochem analyses.

Miscellaneous

Analyses of geochem samples from the Benmark prospect of Julian Simpson are discouraging toward finding any ore-grade mineralization beyond the small pod of low-grade already delineated by previous drilling

  
Ward Carithers

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MEMORANDUM

October 3, 1973

To: William L. Wilson, President  
Idaho Mining Corporation

From: Ward Carithers, Consultant

Subject: Report of activity, Month of September, 1973

General

Reports of "basic findings" were prepared for Proof of Labor Affidavits on claim groups at Leadville, Copper Hill, Boulder and Tonkin, and these as well as the Affidavits were filed with the appropriate County Recorders. Also, an Affidavit was filed on behalf of Martel Mining Company for the assessment work on the 21 Fourmile Canyon claims, Eureka County.

Northumberland project, Nye County, Nevada

This project was visited from September 18 to September 31, living in my personal trailer and taking Esther along as cook, water-boy, head chairman and bed warmer. The weather was generally fair, with a few cool, windy days interspersed with warm, pleasant days. A little snow fell on September 23, but it melted the next day.

After first briefly reconnoitering the entire claim area, I began mapping the present mine sector on 100-scale. As many of the relative positions of claim corners and some drill holes are not shown correctly on present maps, a few closed Brunton-tape surveys were made. Data, including many of the drill holes, were then tied to my base by pace or range finder. I think my map is accurate within 5 feet or so, but I do not have elevations accurate enough for proper correlation of drill-hole data. Hopefully this will be taken care of by the survey expected in early October.

The environment of the Northumberland deposits is a barely exhumed stock of granodiorite(?) around which there has been minor additional igneous activity and alteration forming an "orange peel" type of structure. A part of this "peel" consisting of silicification, altered igneous and sedimentary rock and gold-silver mineralization, probably originally occurred as a blanket-like deposit which was locally exposed and partly removed by erosion in the Northumberland mine area. Now, parts of this blanket have been considerably displaced up, down and probably sideways by faulting, resulting in a group of irregular, tilted, mineralized blocks. Most of the blocks which crop out have been mined in the past, but recent drilling has disclosed that additional blocks may extend downward along the contact zone between the intrusive and the sediments. I feel that if we can get the faulting figured out, we will have a good handle on the geometry of the mineral deposits and thus be able to simplify ore reserve blocking and future mining layouts.



October 3, 1973

Plans

During October, I expect to spend as much field time as possible on the Northumberland job and let accumulated office work on this and other projects await later attention. I'll return to Northumberland on October 8 and barring bad weather, will be there for about two weeks.

Ward Carithers