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OPERATIONS OF ALASKAN MINING CO.

Summary

Approximately 1500 feet of surface trenching has been done on the lode property held under lease by the Alaskan Mining Co. This trenching did not uncover any veins or mineralized bodies.

No placer prospecting has been done and the potential reserves as estimated by the company have not been substantiated by the benefit of drill holes, shafts or open cuts.

The mill machinery is in poor condition. The Lane mill is partially dismantled and is not in working condition. The mill building needs considerable repairs.

Introduction

An examination was made of the Alaskan Mining Co. placer and lode properties on Eva Creek, Ester Dome on November 14, 1947. This examination was made at the invitation of Mr. A.J. Stern, Manager of the Alaskan Mining Co. The purpose of the examination was to inspect the recent trenching work that had been done on the lode claims and investigate the potential value of the placer deposits on Eva Creek.

Location of Property

The Alaskan Mining Co. holdings are located approximately 10 miles northwest of Fairbanks, at the head of Eva Creek on Ester Dome, in the Fairbanks Recording District. An access road, suitable for automobile and truck use, connects the property with the Fairbanks Ester Road.

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Past Production

In the group of claims now held by the Alaskan Mining Co. the St. Paul claim was the most productive. It has been reported that (1,000 tons of \$30.00 ore)* was mined from the main vein on this property. There has been very little mining done since this 1,000 tons of ore was extracted several years ago. Prior to the acquisition by the present company the St. Paul mill was used for custom milling of ore mined from the various small lode properties located elsewhere on Ester Dome.

Property and Ownership

Four unpatented lode claims are held by the Alaskan Mining Co. through a eleven year lease. These claims are known as the:

St. Paul
Little Flower
Star Light
Old Crow

A three-quarter interest in the above listed claims is owned jointly by:

| | |
|----------------------|-------------------|
| Mr. J.G. McCann | Fairbanks, Alaska |
| Mrs Bernadett Thomas | Seattle, Wash. |
| Mrs A.G. Engman | Seattle, Wash. |

The remaining one-quarter interest in the above claims is owned by:

| | |
|----------------|-------------------|
| Mr. A.J. Stern | Fairbanks, Alaska |
|----------------|-------------------|

No information was obtained about the placer holdings but it is assumed that the placer rights are being held by virtue of coverage by the lode claims. (No placer rights can be held in this manner.)

* U.S.G.S. Bull. 849-B Lode Deposits of the Fairbanks District by James M. Hill

Occurrence of Deposits

No ore has been uncovered in any of the trenches. (See Map) Four flat lying faults were encountered in mica schist. These faults were found in the long northwest trench. White talc gouge between the fault planes give the appearance of veins upon casual observation but close inspection has revealed them to be faults filled with gouge. A channel sample, 18 inches long, taken across one of them assayed only a trace of gold. A small quartz lens was uncovered in the northwest trench. It is approximately 7 feet long and 2 feet wide and contain no apparent mineralization.

All underground workings on the property are caved and in their present condition are inaccessible.

Development

The entire development work at the property consists of the two trenches shown in the accompanying sketch map. This work was done during the fall of 1947 with a tractor and bulldozer at a cost of \$435.00. There is approximately 1,500 linear feet of trenching.

No placer prospecting has been done by the Alaskan Mining Co. No drill holes, prospect shafts or open cuts have used to prospect the reported placers. The potential value of the placer ground is based upon the results of "M" Scope determinations.

Mill

The St Paul mill is not in condition to operate. At the present time the Lane mill is partially dismantled and before it could be put in operating condition would require considerable repairs. The trestle leading to the main ore bin requires much repair and could not be used in its present unsafe condition. The mill building would require much work on it

in order to effectively house operating machinery. Other than dismantling the Lane mill preparatory to repairing nothing has been done to put the mill in operating order.

Proposals

The present company proposes to undertake a program of surface trenching during the summer of 1948. They estimate that they will spend approximately \$2,500.00 on this work.

Conclusions

The Alaskan Mining Co. has not proven the existance of ore by the trenches they excavated nor have they proven the value of their placer deposits. It is very doubtful if the present managment of the Alaskan Mining Co. is capable of conducting a practical development program. It is quite apparent that the managment cannot interpret the signifigance of the work that has already been done.

The "M" Scope has not proven to be a reliable instrument for the detection of ores and it most definitely cannot be used to estimate the actual reserves in a lode or placer deposit.



Bruce I. Thomas
Associate Mining Engineer