

105-J-6

ADDENDUM TO THE SUMMARY REPORT  
CONDUCTED ON THE ROSS MINERAL CLAIMS  
FOR  
CREAM SILVER MINES LTD. (N.P.L.)  
DATED OCTOBER 10, 1974 BY F. HOLCAPEK, P. ENG.

Dawson City  
August 1, 1975

F. Holcapek, P. Eng.  
Geologist

Agilis Engineering Ltd.

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1-00 INTRODUCTION

During the period of July 19 - 31, 1975 a crew consisting of four men was engaged in detailed geological mapping, trenching and prospecting on the above property.

The purpose of this work was to locate zinc mineralization indicated by geochemical anomalies from soil sampling completed in 1973 and to pinpoint the stratigraphic horizon within the rock stratigraphy of the area.

1-10 Trenching

Six trenches having the following dimensions were excavated:

- Trench 1: 170 ft x 4 ft x 3 ft - dark thin bedded chert limestone with minor limy bands
- Trench 2: 55 ft x 3 ft x 3 ft - dark thin bedded shales with abundant cherty bands
- Trench 3: 40 ft x 4 ft x 9 ft as above
- Trench 4: 70 ft x 4 ft x 4 ft as above
- Trench 5: 100 ft x 4 ft x 4 ft overburden - black muck
- Trench 6: 50 ft x 3 ft x 4 ft as above - perma frost  
50 ft x 3 ft x 3 ft as above - perma frost

Trench 1 to 4: were located within the best part of the soil anomaly.

Trench 5 and 6: were located within a heavy overburden section.

## 2-00 DISCUSSION

From the trenching it became apparent that soil development within the anomalous area is extremely poor and rock talus found is directly correlative with bedrock not only along the flat but also along the topographic high straddled by the anomaly. Further rock chip samples analyzed by the XRF unit and submitted to Chemex are representative of the area. A zinc content of 0.4 to 1.00 percent in rock samples can produce a "soil anomaly" of 3,000 to 4,000 ppm Zn, the same holds for lead, and is indicative of the grade of the underlying rock units.

## 3-00 GEOLOGY

Geological mapping of the area confirms the stratigraphic sequence as outlined by G. House but the following additional information has to be considered.

- 1) The chert unit (black limey shales and cherty bands to chert with limey bands) underlays the soil anomaly and has no or very little soil development, hence values of samples taken are representative of the rock unit.
- 2) The anomaly occurs along a topographic high but rock talus and outcrops in trenches do not show mineralization except minor barite veining cross-cutting the bedding with minor pyrite cast.

- 3) In vicinity of barite veins rust as coating occurs along zones less than two feet wide.
- 4) The rock sequence is bounded by a fault zone along the northeast, i.e., wavy-banded limestone in apparent fault contact with the youngest Yarro Peak sediments.
- 5) The same holds true to the southwest.
- 6) In the main valley to the southeast the favorable horizon should occur as indicated by a fine cherty limestone outcrops in the creek but no geochemical anomaly has been located in this area.
- 7) A fault zone is indicated by the sudden thinning of the wavy banded limestone.
- 8) Detail grid CB, CC, CD, outlined lesser order anomalies underlain by the favorable horizon but the extent of the anomalies is limited. All lie along slopes in excess of 15° or along the top of a high ridge. The interpretation of these anomalies covering "windows" in the rock sequence is not valid.

#### 4-00 CONCLUSIONS

The writer is in agreement with M.B. Ainsworth's evaluation that soil development in the Summit Lake area is extremely poor and samples taken are in general rock fragments and hence only extremely high anomalies warrant further investigation. On the Ross claim group the anomalies can be explained as being derived from low grade zinc mineralization contained in the limey cherts.

Any further surface work will be inconclusive, hence the only possible means of finding higher grade mineralization is confined to the north-western, faulted off segments of the anticlinal structure, but because of faulting the geology cannot be projected without knowing the movement along the fault plane.

Diamond drilling based on present results, the high exploration costs and high option payments make the Ross Claim area an unattractive target at present.

If drilling is considered then three to four drill holes at least 500 feet deep will be necessary, but the chances of hitting ore grade mineralization near surface is slim, but exists. No mineralization has been found approaching ore grade.

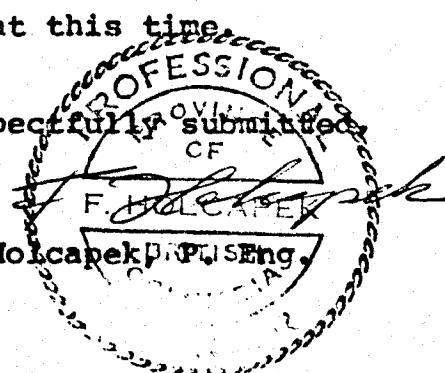
The property can be considered to have potential at depth, possibly for underground ore.

**5-00 RECOMMENDATION**

Because of the unfavorable option agreement and high costs of exploration no further work is recommended on the property at this time.

Respectfully submitted,

F. Holcapek P. Eng.



Dawson City  
August 1, 1975

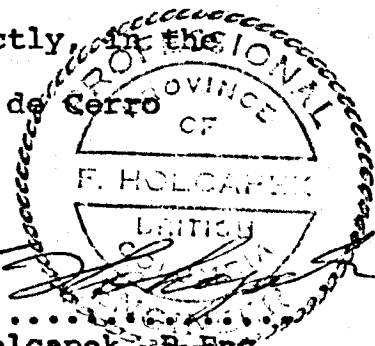
CERTIFICATION

I, Ferdinand Holcapek, of 92-10842 152nd Street,  
Surrey, British Columbia, do hereby certify that:

1. I am a graduate of the University of British Columbia, with a Bachelor of Science Degree in Geology, 1969.
2. Since graduation I have been engaged in mining exploration in British Columbia, Yukon Territory, Northwest Territories, Quebec, Nevada, Arizona, Mexico and Australia.
3. I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia.
4. I am a Consulting Geologist.
5. Although I have not visited the subject area of the report I laid out the exploration program and evaluated the results.
6. I have not received, nor do I expect to receive, any interest, directly, or indirectly, in the properties or securities of Minas de Cerro Dorado Ltd. (N.P.L.)

signed .....

F. Holcapek, P. Eng.  
Consulting Geologist.



# YUKON TERRITORY

CREAM SILVER MINES LTD. (NPL)

ROSS CLAIM GROUP

HOWARD PASS AREA

WATSON LAKE MINING DISTRICT

## PROPERTY LOCATION MAP

