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REPORT ON

THE HORN AND SILVER CLAIMS
104G/9W & 9E
LIARD MINING DIVISION, B.C.

FOR:

TENAJON SILVER CORPORATION
1450-625 Howe St.
Vancouver, B.C.

BY:

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VANCOUVER, B.C.

February 3, 1983

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SUMMARY

The Horn and Silver claims (the Horn Group) is the former S.F. Group located in northwestern British Columbia. The property was originally located for its silver potential but recent exploration has uncovered intriguing gold geochemical results. Based on these results, a two-stage exploration program is recommended herein. Costs of the proposed programs are:

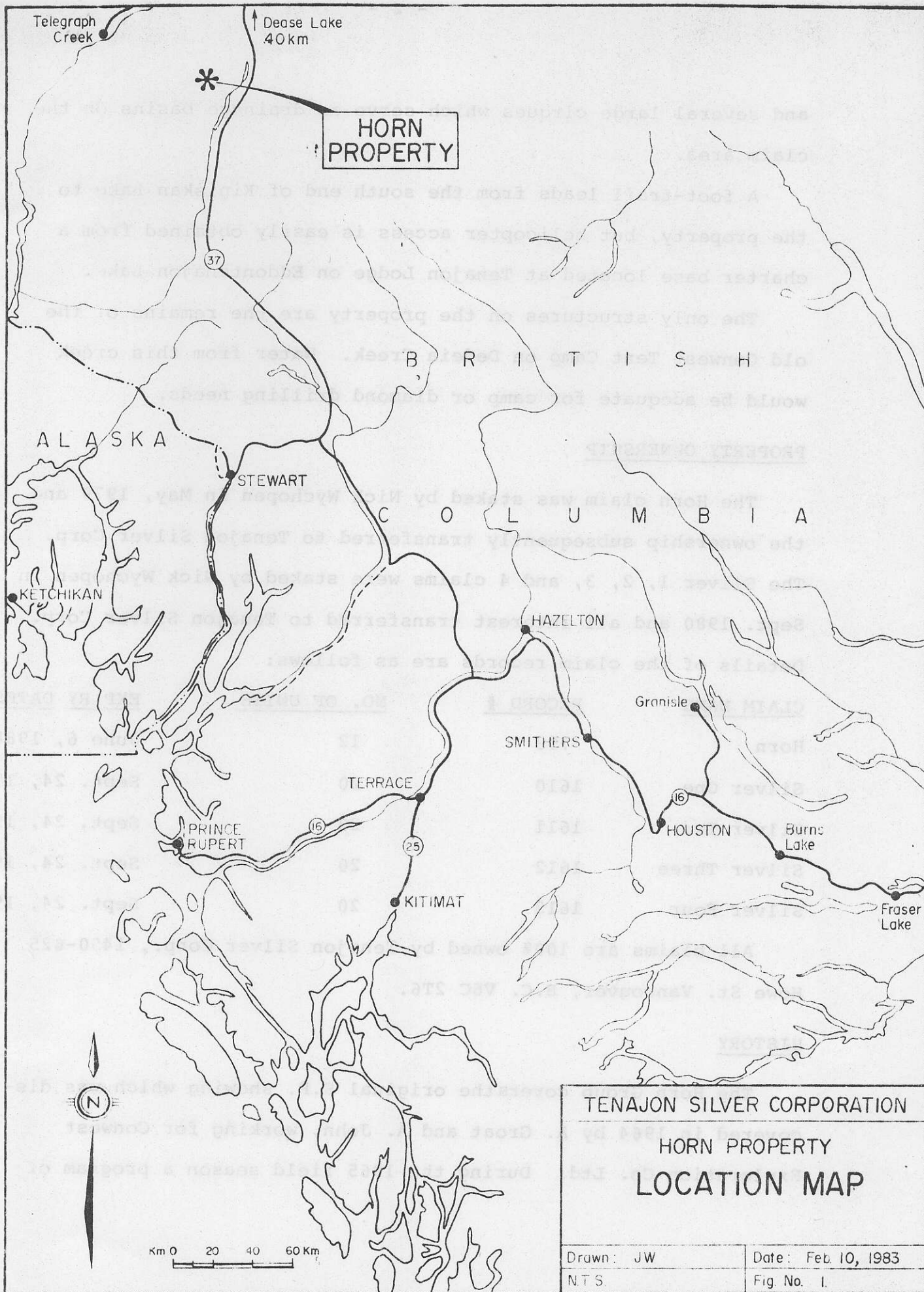
PHASE 1	50,000
PHASE 2	<u>100,000</u>
TOTAL	\$150,000

INTRODUCTION

At the request of Mr. J.W. MacLeod of Tenajon Silver Corp., the writer has compiled this report on the Horn property in order to recommend work for the 1983 field season. Although some discussion of previous exploration of the silver-bearing zones will be carried out, the prime interest will focus on the potential of the anomalous gold values found in the eastern portion of the property in 1980. Follow-up work was also conducted in this area in 1981 and 1982.

LOCATION, ACCESS & PHYSIOGRAPHY

The Horn group is located 11 km west-northwest of the north end of Kiniskan Lake and 7 km east of the south end of Nuttlude Lake, in northwestern B.C. The property is at an elevation of 1,650 to 1,750 metres, in an area of the Klastine Plateau to the west of Eddontenajon Lake. The claims generally lie above treeline and consist of rugged bluffs, grass-covered valley sides



HORN PROPERTY

Telegraph Creek

Dease Lake
40km

ALASKA

B R I T I S H

C O L U M B I A

STEWART

KETCHIKAN

HAZELTON

Granisle

SMITHERS

TERRACE

PRINCE RUPERT

HOUSTON

Burns Lake

KITIMAT

Fraser Lake



Km 0 20 40 60 Km

TENAJON SILVER CORPORATION

HORN PROPERTY
LOCATION MAP

Drawn: JW
N.T.S.

Date: Feb. 10, 1983
Fig. No. 1.

and several large cirques which serve as drainage basins on the claim area.

A foot-trail leads from the south end of Kiniskan Lake to the property, but helicopter access is easily obtained from a charter base located at Tenajon Lodge on Eddontenajon Lake.

The only structures on the property are the remains of the old Conwest Tent Camp on Dedeia Creek. Water from this creek would be adequate for camp or diamond drilling needs.

PROPERTY OWNERSHIP

The Horn claim was staked by Nick Wychopen in May, 1979 and the ownership subsequently transferred to Tenajon Silver Corp. The Silver 1, 2, 3, and 4 claims were staked by Nick Wychopen in Sept. 1980 and all interest transferred to Tenajon Silver Corp. Details of the claim records are as follows:

<u>CLAIM NAME</u>	<u>RECORD #</u>	<u>NO. OF UNITS</u>	<u>EXPIRY DATES</u>
Horn	793	12	June 6, 1988
Silver One	1610	20	Sept. 24, 1986
Silver Two	1611	20	Sept. 24, 1986
Silver Three	1612	20	Sept. 24, 1986
Silver Four	1613	20	Sept. 24, 1986

All claims are 100% owned by Tenajon Silver Corp., 1450-625 Howe St. Vancouver, B.C. V6C 2T6.

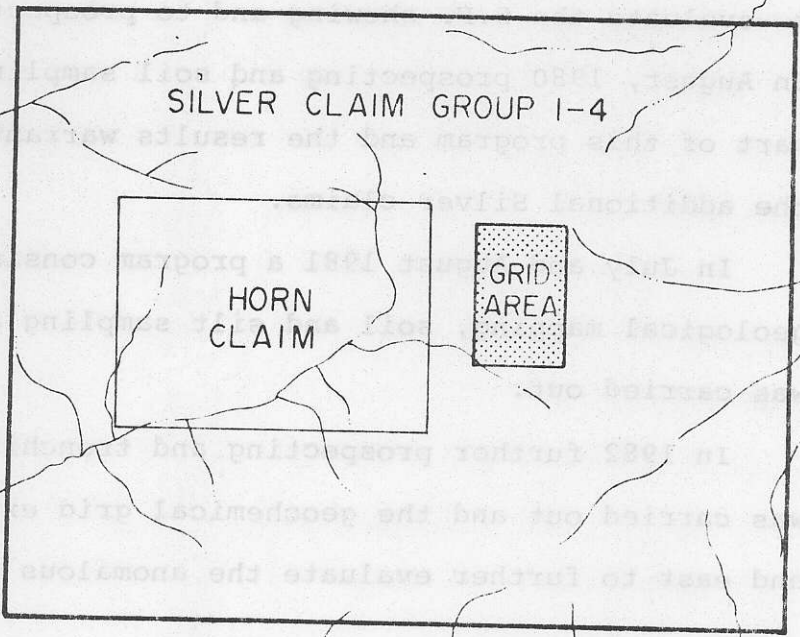
HISTORY

The Horn Group covers the original S.F. showing which was discovered in 1964 by A. Groat and A. John, working for Conwest Exploration Co. Ltd. During the 1965 field season a program of



130°15'

57°45'



TENAJON SILVER CORPORATION	
HORN GROUP	
CLAIM LOCATION MAP	
Drawn	JW
Date	Feb 10, 1983
NTS	Fig No. 2

trenching, sampling and mapping, followed by diamond drilling, was carried out by Conwest. A total of 1,069 feet was drilled in 3 holes, but the results did not appear to warrant maintaining the claims and no further work was carried out.

The Horn and Silver claims were staked in 1979 and 1980 to re-evaluate the S.F. showing and to prospect the adjoining area. In August, 1980 prospecting and soil sampling was carried out as part of this program and the results warranted the location of the additional Silver claims.

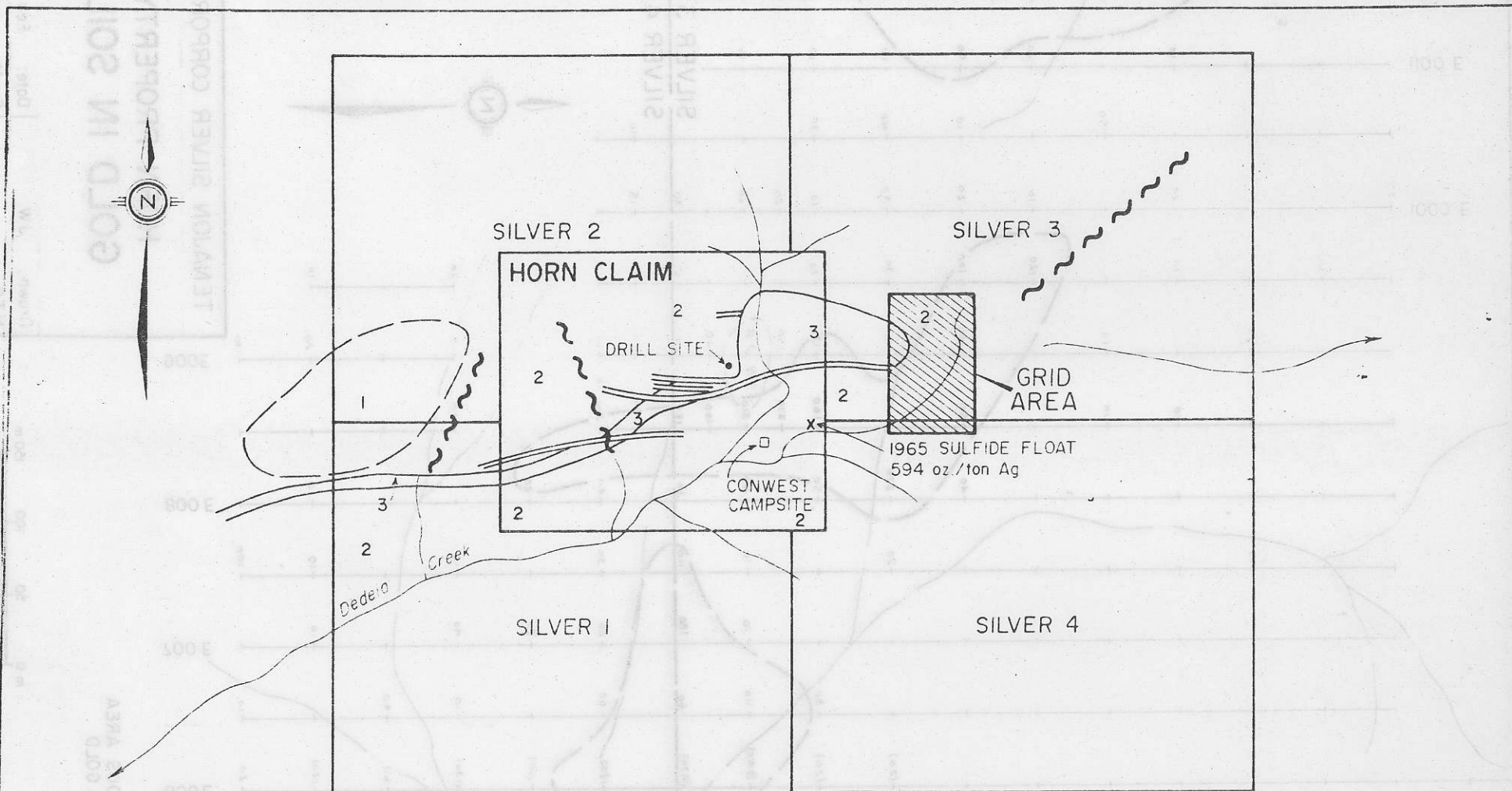
In July and August 1981 a program consisting of prospecting, geological mapping, soil and silt sampling and diamond drilling was carried out.

In 1982 further prospecting and trenching in the silver area was carried out and the geochemical grid extended to the north and east to further evaluate the anomalous gold results.






GEOLOGY

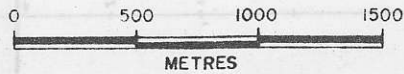
The Horn Group is generally underlain by volcanic and volcanoclastic sedimentary Upper Triassic rocks as described by Southern (1971). In 1981 detailed geological mapping on a scale of 1:2500 was carried out on a majority of the property. Rock outcrop was generally restricted to steep creek valley sides and cirque basins.

In the western part of the property, the major rock type is a red conglomerate formation that is exposed along the north valley side of Dedeia Creek and along the west and east valley sides of Drill Creek. Overlying this unit is a thick sequence of green pebble volcanoclastic conglomerate. Grading up from the green conglomerate is a mixed series of red to green volcanic agglomerate



LEGEND

-  FELSITE DIKES
-  RED CONGLOMERATE FORMATION
-  VOLCANICS WITH MINOR SEDIMENTS
-  LIMESTONE
-  FAULT



TENAJON SILVER CORPORATION

GENERAL GEOLOGY

HORN CLAIM

KINASKAN LAKE AREA, B.C.

LIARD M.D.

Drawn: JW	Date: Feb. 10, 1983
ALTS	Fig. No. 3

and andisitic rocks approximating 100 metres thickness. Prominent felsite dykes intrude both the red and green conglomerate. Overlying the general claim area is a capping of andisitic rocks of indeterminant thickness. The majority of the interesting silver mineralization is found in the red conglomerate formation and mineralization in this formation generally occurs between elevations of 1650 m and 1750 m.

Geological mapping of the rest of the claim group has been cursory due to talus and overburden. However float mapping in the eastern portion indicates bed rock may be a dark grey to black graphitic argillite with numerous limey and silicious veinlets.

DISCUSSION

The soil geochemistry done in 1980, 1981 and 1982 on the eastern part of the property has shown an anomalous soil area extending from line 550E to at least 1150E. With values up to 1280 ppb gold in one location, follow up work is warranted. Two grab rock samples taken in 1982 from argillite float near line 850E ran 0.992 oz/ton gold and 0.116 oz/ton gold. Their source and method of occurrence should be investigated.

CONCLUSIONS

Work over the past four years on the Horn property has shown that interesting gold and silver mineralization occurs. Moreover, the newly discovered anomalous gold area in the eastern portion of the property merits immediate further work. As shown in Figure 4, anomalous soil geochemical results obtained in 1980, 1981 and 1982 must be further delineated and their source discovered. Further work is definitely warranted in this area.

RECOMMENDATIONS

On the basis of the 1982 field results, an exploration program is recommended for the 1983 field season. This program should consist of extending the geochemical grid to the north, south and east of its present location, and conducting closer spaced sampling in the new anomalous areas. As well, a program of trenching, mapping and sampling should also be carried out in these areas to determine the nature of the gold mineralization. If this initial program proves successful, diamond drilling should be considered as shown in Stage Two.

ESTIMATED COSTS OF PROGRAMS

STAGE ONE

Geochemistry	\$10,000
Trenching	5,000
Geology	5,000
Camp Costs	10,000
Transportation	10,000
Report Preparation	5,000
Contingency	<u>5,000</u>
	\$50,000

STAGE TWO

Diamond Drilling	
-750 m @ \$135.00/m	<u>100,000</u>
TOTAL	<u>\$150,000</u>

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STATEMENT OF QUALIFICATIONS

I, Fred G. Hewett, with business address in the City of Vancouver, and residential address in the District of Coquitlam, in the Province of 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.
2. I am a registered member of the Association of Professional Engineers of the Province of British Columbia.
3. I am a member of the Canadian Institute of Mining & Metallurgy, a fellow of the Geological Association of Canada, and a member of the Society of Economic Geologists.
4. I have practiced various levels of my profession in Canada for approximately fifteen years.
5. I do not have, nor do I expect to receive, any interest in Tenajon Silver Corp.
6. My report is based on personal examination in 1981 and 1982, and supervision of these field programs.
7. That permission is hereby granted to Tenajon Silver Corp. to reproduce this report for use with a Statement Material Facts or Prospectus.


Fred G. Hewett, P. Eng.

Dated at the City of Vancouver
In the Province of British Columbia
this 3rd day of February, 1983