GEOLOGICAL ASSESSMENT REPORT

On The

FLO-GOLD GROUP
(Flo-Gold & Hillsbar 3 Mineral Claims)
A GEOLOGICAL RECONNAISSANCE SURVEY

Located In The

NEW WESTMINSTER MINING DIVISION
LATITUDE: 49°32'00" & LONGITUDE: 121°21'00"
NTS: 092H11W

Prepared On Behalf Of:

HILLSBAR GOLD INC.
BOX 250, 4927 LAUREL ROAD
SECHELT, BC
VON 3A0

Prepared By:

D.G. CARDINAL, P.Geo., F.G.A.C.
CARDINAL GEOCONSULTING LTD.
HOPE, BC

DECEMBER 7, 2000
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>B. LOCATION AND ACCESS</td>
<td>2</td>
</tr>
<tr>
<td>C. CLAIMS INFORMATION</td>
<td>2</td>
</tr>
<tr>
<td>D. GEOLOGY</td>
<td></td>
</tr>
<tr>
<td>D.1 REGIONAL GEOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>D.2 PROPERTY RECONNAISSANCE GEOLOGY</td>
<td>4</td>
</tr>
<tr>
<td>E. FIELD PROCEDURES</td>
<td>5</td>
</tr>
<tr>
<td>F. CONCLUSION</td>
<td>6</td>
</tr>
<tr>
<td>G. STATEMENT OF EXPLORATION – COST BREAKDOWN</td>
<td>7</td>
</tr>
<tr>
<td>H. STATEMENT OF QUALIFICATIONS</td>
<td>8</td>
</tr>
<tr>
<td>I. REFERENCES</td>
<td>9</td>
</tr>
</tbody>
</table>

**FIGURES:**

1. LOCATION MAP
2. CLAIMS MAP
3. REGIONAL GEOLOGY MAP
4. RECONNAISSANCE BEDROCK GEOLOGY MAP
A. INTRODUCTION

The Flo-Gold Group, which consists of 2 contiguous mineral claims, the Hillsbar 3 and Flo-Gold, are held by Hillsbar Gold Inc. of Sechelt, BC. They constitute a larger package of claims that cover the northern section of the Coquihalla-Serpentine Belt. The Hillsbar 3 and Flo-Gold claims cover a small, western portion of West Hozameen – serpentine fault system.

A brief geological reconnaissance survey was conducted over the claims primarily for assessment work purposes in order to maintain them in good standing. Majority of the work was carried out along the western portion of the Flo-Gold claim, essentially consisting of bedrock surveys. The surveys were carried out over a 4 day period between August 28 and September 3, 2000.

The claim group is located about 15 air kilometers due north-northeast of the town of Hope and situated at the head waters of Qualark Creek.

Notice to Group and Statement of Work were filed September 6th, Event numbers are 3153760 and 3153761 respectively.
B. LOCATION AND ACCESS

The claims are located about 15 air kilometers from the town of Hope, BC, at the headwaters of Qualark creek, and are also some 5 kilometers northwest of the former Carolin mines. They lie within the New Westminster Mining Division at latitude 49°32' and longitude 121°21'.

The claims are by cut a series of old logging roads but are not accessible due numerous failures and washouts. Presently, the area can only be reached by helicopter, which is some 15-20 minute ferry time from Hope.

C. CLAIMS INFORMATION

The Flo-Gold group is comprised of 2 contiguous mineral claims, the Hillsbar 3 (tenure #303818) and Flo-Gold (tenure #303819), totaling 30 units. They have one common anniversary date, September 10th and currently are in good standing to September 10, 2001. The claims are held by Hillsbar Gold Inc. of Sechelt, BC.
D. GEOLOGY

D.1 REGIONAL GEOLOGY AND MINERALIZATION

The regional geological setting is identified by a prominent northwest-southeast trending structure known as the Hozameen Fault. The fault, which is represented by a semi-continuous belt of serpentine rock, is fault bounded by the East and West Hozameen faults. This geological break can be traced for at least 100 kilometres in southwestern B.C. and extends into northern Washington State.

The Hozameen fault system separates two distinct crustal units. To the northeast, in contact with the East Hozameen fault, is a volcanic greenstone unit, the Spider Peak Formation of Early Triassic age. The greenstone forms the basement for the unconformable, overlying Jurassic to Cretaceous turbidite and successor basin deposits of the Pasayten Trough. To the southwest, in the West Hozameen fault, is the Permian to Jurassic Hozameen Group, which consists of a dismembered ophiolite succession represented by the ultramafic rocks of the Petch Creek serpentine belt in turn, overlain by a thick unit of greenstone and chert.

The oldest sedimentary rocks in the Pasayten Trough, the Ladner Group, contain a locally developed basal unit (e.g. conglomerate, greywacke, siltstone and slate) that hosts the former Carolin mine, the Idaho zone gold deposit, along with a number of other former small gold producers. Majority of the past-producing mines occur east of and adjacent to the East Hozameen fault and form part of the Coquihalla gold belt.

The Coquihalla gold belt includes such past producers as the Carolin, Emancipation, Aurum, Pipestem and the Ward (Siwash Forks) mines as well as at least 25 other minor gold occurrences. It shows similarities in its geological setting, mineralogy and alteration assemblages to the Bridge River camp in B.C. and Mother Lode district of California.

The Flo-Gold group lie just (5 km) to the northwest of the former producing Carolin mine and covers part of the Coquihalla gold belt structure. The group also cover a western portion of the west Hozameen fault system.
Figure 2. Regional geology of the Hope-Boston Bar area (adapted from Monger, 1970).
Legend:

- Greenstone, Andesitic Volcanics
- Serpentinitized Ultramafic
- Sheared Argillite Graphic Chert
- Granodiorite

Hillsbar Gold Inc.
Flo-Gold Group
Reconnaissance Geology

New Westminster M.D.
Lot 44952 & Long 121201
NTS: 92H1W

Scale 1:5,000

D.G. Cardinal, P.Geo.
Figure 4.
D.2 PROPERTY RECONNAISSANCE GEOLOGY

A geological reconnaissance survey was conducted over the eastern portion of the Flo-Gold group. A former logging road was utilized as part of the mapping project, which partly was mapped a scale of 1:5000.

The Hillsbar 3 and Flo-Gold claims are underlain by essentially 4 major rock types. They include, cherty argillite and greenstone of the Hozameen Group; andesitic-greenstone volcanics of the Spider Peak Formation; altered serpentinized ultramafics and, intrusions of granodiorite and quartz diorite.

Eastern part of the claims lie along the western flank of Spider Peak mountain and also cover a section of the west Hozameen fault system. Traversing from east to west along the old logging, approximately 500m exposed section of foliated, andesitic volcanics is encountered, dipping steeply to the east and striking northwest. This section makes up part of a thick unit of andesite volcanics, which forms part of Spider Peak mountain, hence the Spider Peak Formation. The volcanics then come in fault-contact with a section, approximately 250m wide, of northwest trending serpentinized ultramafics. Lenses, 2-5m wide, of orange weathered, iron-bearing carbonate-listwanite-fuchsite alteration can be observed, especially strong along the fault-contact with the volcanics. This intensely sheared and altered structure probably represents part of the west Hozameen fault-suture zone.

The western edge of the serpentine is sharp contact with steeply dipping, northwesterly striking, intensely foliated, cherty argillites and graphitic argillites. This unit is believed to make up part of the Hozameen Group. Brief traverses were conducted to the north on to the Hillsbar 3 where serpentine and associated listwanite-fuchsite outcrops were encountered. A mapping traverse was also conducted along the upper section of Qualark creek where an intrusion of granodiorite was noted, cutting an exposed section of graphitic-cherty argillite.

Previous (1998) limited reconnaissance sampling surveys carried out by the author just to north of the Flo-Gold group, returned anomalous gold values of up to 250ppb Au from a listwanite-fuchsite lense. As a result, the serpentine-volcanic fault-contact and it’s associated alteration structures encountered during the reconnaissance mapping survey, warrants a detail mapping and sampling program. The potential exists for locating auriferous-bearing structures.
E. FIELD PROCEDURES

The geological reconnaissance mapping surveys were conducted between August 28 and September 3, 2000, over a 4 day period. The object of mapping surveys was essentially for assessment work purposes, to maintain the claims in good standing.

The work was conducted from Hope utilizing a helicopter, Jet Ranger 206, for drop-off and pick-up at the beginning and end of each day. The ferry trip to and from the survey site takes between 25-30 minutes. A total of 2.5 hours of flying time was required.

The field crew consisted of a geologist (author) and field assistant. For mapping control, aerial photographs @ 1:20,000 scale and forestry map @ 1:5,000 scale, supplied by one of the local logging companies, was used as a base map. Majority of the bedrock mapping was conducted along a former logging road. The road was initially surveyed for at least 1 kilometer, using a brunton compass and hip chain for control. Survey points were established at every 100 meter intervals along the road.

Two (2) days were spent mapping the road and 2 additional days conducting reconnaissance surveys along a portion of Qualark creek and to the north on part of the Hillsbar 3 claim. All mapping surveys were carried out at 1:5,000 scale.
F. CONCLUSION

The reconnaissance mapping surveys identified an important geological structure, which makes up part of the Hozameen fault system.

The Hozameen fault hosts a number of auriferous-bearing structures including the former producing Carolin mine, which is situated on strike and just some 5km southeast of the Flo-Gold group.

The volcanic-serpentine, fault-contact underlying the group is a favourable structure for potentially hosting gold-bearing mineralization. The fault-contact is marked by strong iron-carbonate alteration consisting of listwanite-fuchsite. The alteration also appears to represent a suture-like structure along where mineralization could be concentrated. As well, the serpentinized ultramafic band warrants further investigation for potential Alpine type platinum group metals.

The Flo-Gold group merits a detail mapping and sampling program for precious metal exploration.
G. STATEMENT OF EXPLORATION – COST BREAKDOWN

Field Crew:  
Geologist, 4 days @ $350 per day $1,400  
Field Assistant, 4 days @ $150 per day 600

Transportation:  
Helicopter Jet Ranger 206, 2.5 hours @ $750 per day 1,875

Professional Report:  
Data compilation, plotting & word processing 1,500

Total Expenses Incurred: $5,375.00

Respectfully submitted,

[Signature]

Daniel G. Cardinal, P.Geo., F.G.A.C.  
Consulting Geologist
H. STATEMENT OF QUALIFICATIONS

I, Daniel G. Cardinal, residence at 65661 Birch Trees Drive, P.O. Box 594, Hope, British Columbia, VOX 1L0, do hereby certify that:

I am a Professional Geoscientist and a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (#18455); Association of Professional Engineers, Geologists and Geophysicists of Alberta (#29405); and a Fellow of the Geological Association of Canada (#F4891).

I am a graduate of University of Alberta (Edmonton) with a BSc. degree in Geology, 1978.

I have been practicing my profession for the past 22 years for various major and junior resource companies and, that I have been employed by Cardinal Geoconsulting Ltd. since 1984 as an independent consulting geologist.

I have conducted the field geological reconnaissance surveys documented in this report and that I am the author of the geological assessment report.

I have no direct or indirect interests in the company Hillsbar Gold Inc. or in the properties described in this report.

Dated at Hope, British Columbia, this 7th day of December 2000.

D.G. Cardinal, P.Geo., F.G.A.C.
1. REFERENCES


