

830521

**GENERAL COMMENTS**  
**TREV CORP. PROPERTIES**  
**Stewart Area**  
**British Columbia**

**FOR**  
**FREEWEST RESOURCES INC.**

**BY**  
**N.C. CARTER**  
**August 29, 1993**

## Introduction

The following comments are based on a brief field examination of the subject properties carried out on behalf of Freewest Resources Inc. on August 20, 1993, and on a review of available data, some of which was provided by Trev Corp. at the time of the property examinations.

Also appended are photographs of two of the properties and the general area, and hard copies of material previously sent by fax.

I have also had an opportunity to review proposals submitted by D. Molloy on behalf of Trev Corp.

## Location and Access

The three properties are situated north and south of Bear Pass and the Stewart highway. As the name implies, the Highway property is reasonably accessible from the highway; potentially prospective areas on the Golden Crown and Red Crest properties require helicopter support.

## Mineral Property

Parts of claim maps showing the properties held by Trev are appended. Claims comprising the Golden Crown and Red Crest properties are as stated on Schedule "A" as provided by Trev; details of the Highway property claims area as follows:

### *Highway Property*

<u>Claim Name</u>	<u>Record Number</u>	<u>Units</u>	<u>Location Date</u>	<u>Expiry Date</u>
ALEX 1	9168	18	Jan. 15/91	Jan. 15/94
ALEX 2	9169	18	Jan. 15/91	Jan. 15/94

## Geological Setting

Gold mineralization in the Stewart camp is hosted by Lower Jurassic volcanic rocks proximal to coeval granitic intrusions or volcanic centres as outlined in my fax of August 22. Trev's exploration rationale also provides a good overview and the general geology is shown on a coloured version of a property map supplied by Trev.

The Lac Minerals Red Mountain property in many ways is similar to the Premier deposit (historic production - mainly 1918-1976 - 6.5 million tons yielding 1.925 million oz. Au

and 41.63 million oz. Ag) inasmuch as high sulphide Au zones are en-echelon and are developed both within and adjacent to Lower Jurassic intrusions which cut slightly older volcanic-sedimentary sequences.

The Red Mountain property is significant - assuming the eventual size is somewhere in the 2 - 3 million oz. Au range, this would place it among the top 2 or 3 gold deposits in British Columbia (Bridge River - 4.2 million oz., Rossland - 2.7 million oz.). Development of this property would include a tram to the Bitter Creek valley, road down Bitter Creek to Bear River and a 5 km tunnel to Westmin's Premier mill.

### Previous Work

I was left with the perception that little, if any recent work had been done on the three Trev properties. Further research over the past few days indicates that this is not the case for at least the Red Crest and Highway properties.

As noted in my August 27 fax, claims comprising the current Red Crest property were subjected to a fairly extensive sampling program by Teuton Resources in 1991 (Assessment Report 22033). This work indicated the presence of numerous, small quartz-pyrite and pyrite veins and some Pb-Zn-Cu veins from which the best results were obtained. A cluster of better Au geochemical values (15 - 570 ppb) is situated on the WOLF 14 claim.

The Highway property, initially staked in early 1991, was optioned by Bond Gold who carried out geological mapping and a lithochemical sampling program later that year (Assessment Report 21974) before dropping the option. While only 9 samples were collected, results for precious and base metals were low (results appended). The mapping program showed the granitic stock to be centrally located relative to the claims or different from the position shown on the Trev map. Curiously, the Bond work does not mention the documented 1920's work on showings which make the property sound more attractive.

The Golden Crown property undoubtedly has had previous work done on it as well. The claim maps show a number of pre-existing claims within the current block and a little more digging would probably turn up some recent assessment work.

## Conclusions

The fact that recent work has been done on at least two of the properties is a little disconcerting. I note in the Trev proposal that a package deal for all three properties is being proposed and I wonder if individual deals would be considered.

My thinking after having had a chance to look at some additional information is that the Highway property, notwithstanding previous work by Bond Gold, may be the most attractive of the three, mainly because of its relative ease of access and the fact that work could probably be done here into early October. Old government reports refer to 1920's work which yielded encouraging results and it may be worthwhile to follow this up. Molloy and Kennedy mentioned good values from float samples along the road (I have 2 samples in for analysis) plus high As and Au values in stream sediments - I did not see any of these results because it was explained to me that since Cameco had paid for this work, it was privileged information. I suggest we insist on having access to these results. One caveat with respect to this property is the fact that best information suggests that the granitic intrusion is Tertiary (Eocene) age and not Lower Jurassic as is the case at Red Mountain and Premier - the presence of Mo is also in keeping with a Tertiary age (as at Alice Arm to the south) although it is significant that there is also Mo in the Jurassic granite at Red Mountain.

The Golden Crown property is less well known to me at present but my difficulty with this one is the presence of pre-existing claims and the location of the area Molloy wants to work which is very steep and would require the services of professional mountain climbers. Access to this area could be knocked out by bad weather at any time.

The Red Crest property, while in less hostile terrain, could also be subject to winter weather conditions in the next few weeks. The 1991 program did not yield particularly significant values although further work was recommended.

**APPENDICES**

Location Map  
Geological and Property Map  
Claim Maps  
Previous Results - Highway Property  
Previous Correspondence  
Photographs

**N.C. CARTER, Ph.D., P.Eng.**

---

Consulting Geologist

1410 Wende Road  
Victoria, B.C. V8P 3T5  
(604) 477-0419  
August 27, 1993

**M.I. WATSON  
FREEWEST RESOURCES INC.**

**FAX: 514-878-4427**

Re: TREV CORP. GROUND - STEWART, B.C.

I have done a little more digging the past few days and have come up with the following information.

Mineral Claims

Golden Crown Property - 11 mineral claims comprising 193 claim units (500 x 500 metres each). TREV is the registered owner; expiry dates are March 31, 1994.

Red Crest Property - 4 mineral claims comprising 80 claim units; TREV is registered owner; expiry dates are March 31, 1994.

Highway Property - claims are not on current claim maps - believed to consist of 4 mineral claims comprising 36 units. Expiry dates are probably the same as the previous two.

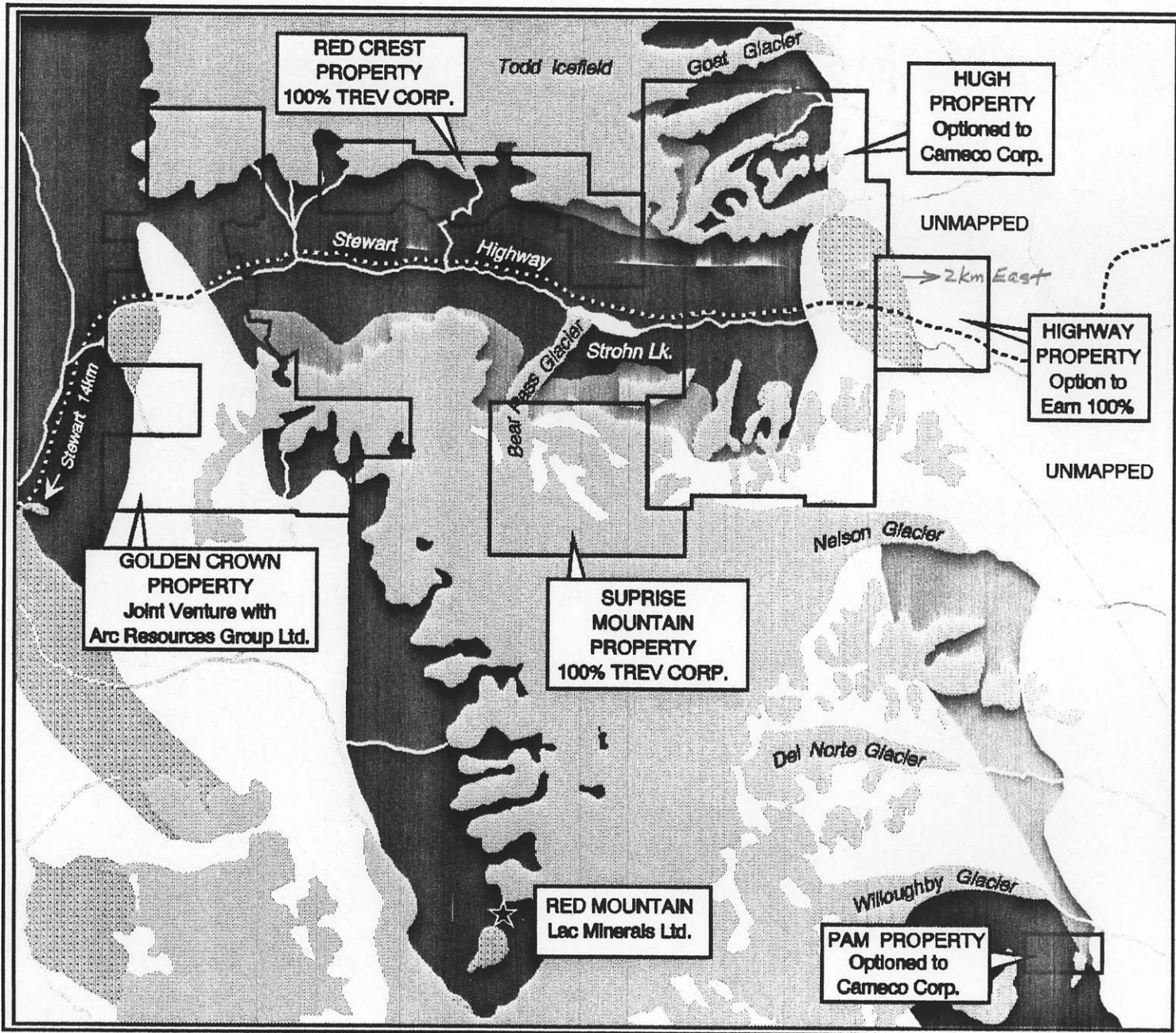
Known Mineralization

Golden Crown Property - Several occurrences shown on mineral inventory maps - most are believed to be on pre-existing Crown granted (patented) mineral claims.

Red Crest Property - Numerous mineral occurrences known within extensive gossans below receding glacier. Most of the present claims area was previously held by Teuton Resources Ltd. who undertook a prospecting and sampling program in 1991, results of which are well documented in an assessment report. The report states that 250 of 321 rock samples collected were from different mineral occurrences. The main type are quartz-pyrite veins which grade into massive pyrite veins. These are generally 5 cm in width but some can be traced for 100 metres. They contain Ag and As values. Disseminated pyrite zones are widespread (gossans) and best assay values came from Pb-Zn-Cu veins. Best Au values from limited work (15 - 570 ppb) are from a cluster in the current western property area.

Highway Property - Several occurrences on these claims, investigated in the 1920's, include Mo in veins in the central part of a granitic stock - several hundred kg of this material reportedly contained 6% molybdenite. Four Pb-Zn veins on the eastern margin of the stock reportedly contained trace Au and some Ag. These could be the source of the float north of the Stewart highway sampled by Molloy and Kennedy.

*NCC*



**LEGEND**

- HAZILTON GROUP
- UPPER JURASSIC
- Nass Formation
- Volcanics & Sediments
- MIDDLE JURASSIC
- Salmon River Formation
- Predominantly Sediments
- Betty Creek Formation
- Volcanics & Sediments
- LOWER JURASSIC
- Unuk River Formation
- Volcanics & Sediments
- PLUTONIC ROCKS
- Eocene (STOCKS ETC.) & OLDER
- Intrusives

**TREV CORP.  
STEWART HOLDINGS**



(GEOLOGY AFTER E. W. GROVE)