

830102

December 12, 1995

The Directors  
Consolidated Taywin Resources Ltd.  
Suite 203 - 960 Richards Street  
Vancouver, B.C. V6B 3C1

Dear Sirs:

**Re: JASPER PROPERTY**  
Victoria Mining Division, British Columbia  
Latitude 48 48'N; Longitude 124 36'W  
NTS 92C/15E

### Introduction

This letter report on the JASPER property, prepared at your request, is based on information provided by A.O. Birkeland, P.Eng., and on the writer's background knowledge of the geology and mineral deposits of Vancouver Island.

### Location and Access

The JASPER property, near Nitinat Lake and the southwest coast of Vancouver Island, is readily accessible by way of a network of logging roads from either Port Alberni or Cowichan Lake. Recent logging activity affords access to most parts of the property area.

### Mineral Property

The JASPER property consists of two 4-post mineral claims located in the Victoria Mining Division and registered in the name of A.O. Birkeland. Details are as follows:

<u>Claim Name</u>	<u>Record Number</u>	<u>Units</u>	<u>Expiry Date</u>
JAS 1	328705	20	July 23, 1999
JAS 2	331922	20	October 22, 1999

### Past Work

Several operators conducted geological, geophysical and geochemical surveys over various parts of the present property between 1971 and 1975 and 1983 and 1987. The principal showings and target areas, as currently defined, have not been tested by significant drilling or trenching programs.

### Geological Setting

Most of Vancouver Island is underlain by Wrangellia terrane of the Insular tectonic belt which is comprised of Paleozoic and Mesozoic volcanic and sedimentary sequences

which have been intruded by partly coeval and younger (Tertiary) granitic rocks.

The JASPER claims are underlain by mafic to felsic subaqueous volcanic flows, fragmental rocks and related sediments believed to be part of the Bonanza Formation of Lower Jurassic age. The claims include a 5 km length of a regional north-trending lineament which, within the claims area, is marked by a gossan zone featuring abundant argillic alteration with pyrite. Nine copper-zinc sulphide showings, all situated marginal to a 4 km length of this alteration zone, have been identified by work to date. In the northern property area, two parallel, northwest trending, 1 to 2.7 metres wide sulphide lenses, separated by 5 metres of altered wallrock, consist of massive to semi-massive, banded pyrite, chalcopyrite and sphalerite. Representative samples have returned values of 2% copper, 3% zinc and between 0.2 and 1 g/t gold and 10 to 26 g/t silver. Sampling of similar zones, exposed in road cuts in the southern claims area, has returned values of up to 4.6% copper and 17.4% zinc over a 2 metre width.

Soil geochemistry indicates anomalous values for copper and zinc  $\pm$  gold and silver over much of the 5 km strike length of the gossan zone. Higher values are not only coincident with the known sulphide zones but may be indicative of additional zones as well. Induced Polarization and VLF-EM geophysical surveys also identified a number of anomalous features, the cause of which remains unknown.

### Conclusions and Recommendations

The style of known mineralization on the JASPER property is strongly suggestive of a volcanogenic massive sulphide environment. Results of work to date are considered to be significant and further work is warranted. It is proposed that additional work include a first phase consisting of detailed geological mapping, completion of soil geochemical surveys over the entire property area, orientation geophysics and prospecting and mechanical trenching prior to diamond drilling of selected target areas. Estimated costs for the two-phase program would be in the order of \$400,000.

Respectfully submitted,

N.C. Carter, Ph.D. P.Eng.