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PRELIMINARY ASSESSMENT  
OF THE  
BOULDER CREEK ZONE  
DOME MOUNTAIN GOLD PROPERTY  
Omineca Mining Division  
British Columbia

FOR  
TEESHIN RESOURCES LTD.  
CANADIAN-UNITED MINERALS, INC.

BY  
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August 9, 1986

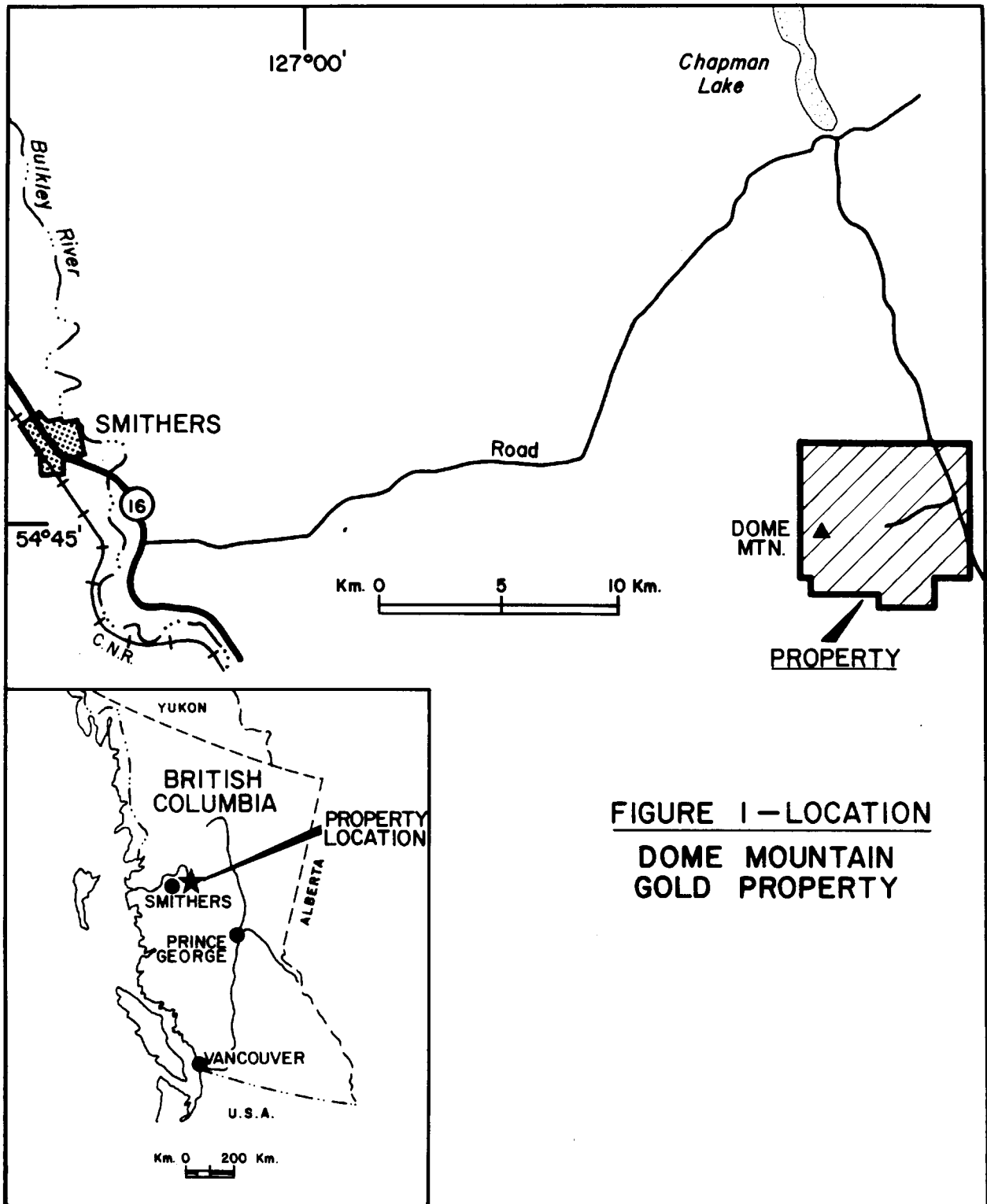
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## TABLE OF CONTENTS

	Page
SUMMARY	1
INTRODUCTION	2
LOCATION AND ACCESS	2
MINERAL PROPERTY	2
HISTORY	3
GEOLOGICAL SETTING	4
BOULDER CREEK ZONE	5
CONCLUSIONS AND RECOMMENDATIONS	6

### List of Figures

	Following Page
Figure 1 - Location	Frontispiece
Figure 2 - Dome Mountain Mineral Claims	1
Figure 3 - Boulder Creek Zone	4
Figure 4 - Diagrammatic Longitudinal Projection	5



**FIGURE 1 — LOCATION  
DOME MOUNTAIN  
GOLD PROPERTY**

**SUMMARY**

The Canadian-United Minerals, Inc. - Teeshin Resources Ltd. Joint Venture holds a number of mineral claims on Dome Mountain in the Omineca Mining Division of west-central British Columbia.

A number of gold-bearing zones are known on Dome Mountain. The most significant of these to date is the Boulder Creek Zone where some 4500 metres of diamond drilling has indicated a mineral inventory of 218,000 tonnes grading 15.7 g/t gold and 79.54 g/t silver. Central to this is a higher grade, near surface zone of 71,000 tonnes grading 26.75 g/t gold and 106.29 g/t silver.

Potential for extending the zone along strike and to depth is considered good and additional drilling is warranted. Good potential also exists at several other known zones on the Dome Mountain property.

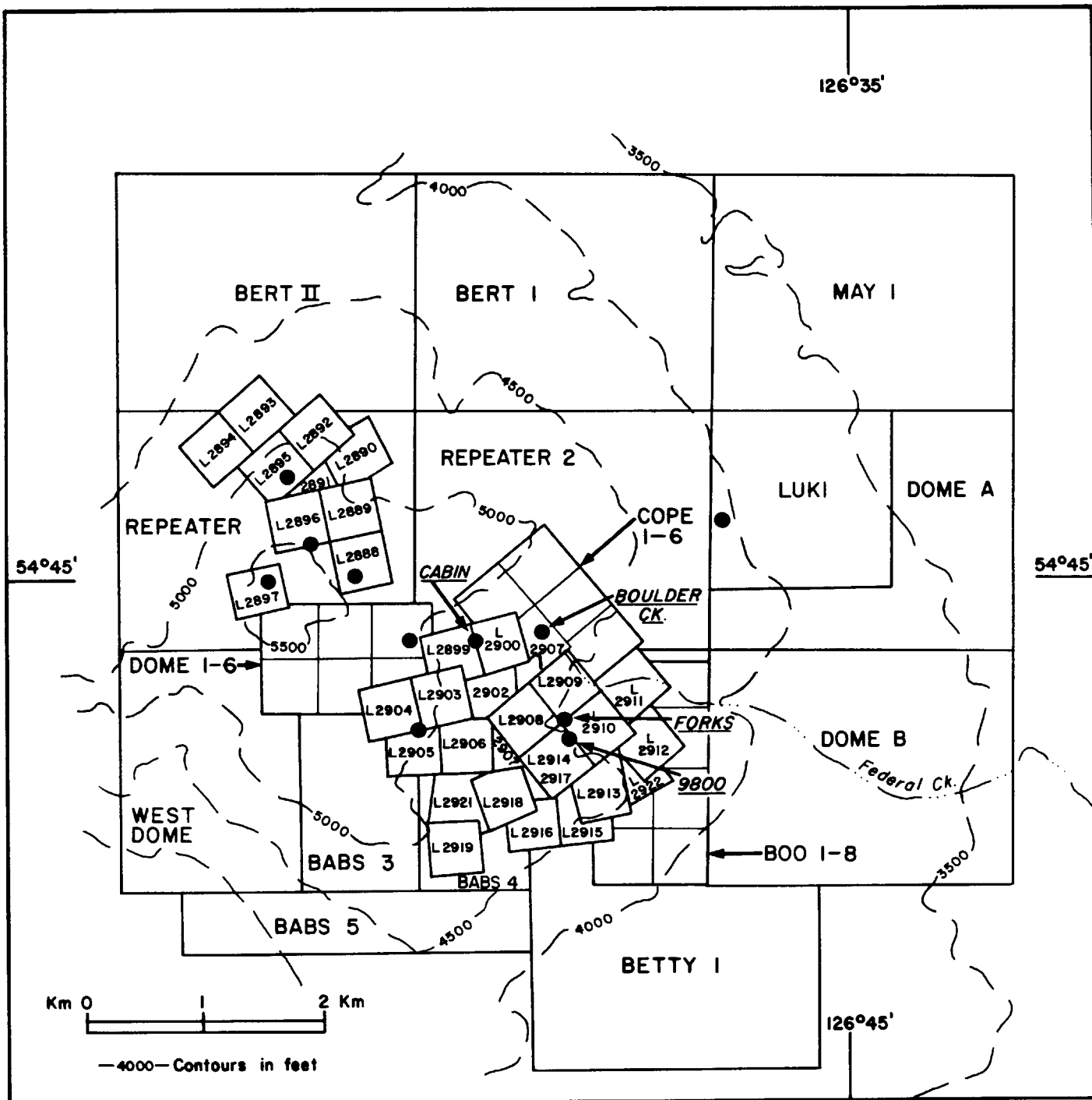


FIGURE 2 — DOME MOUNTAIN MINERAL CLAIMS  
and PRINCIPAL GOLD ZONES

## INTRODUCTION

The Canadian-United Minerals, Inc. - Teeshin Resources Ltd. Joint Venture holds 57 full and fractional Crown granted, 2-post and Modified Grid mineral claims near Smithers in the Omineca Mining Division of British Columbia.

The mineral claims cover a number of gold-bearing zones of which one, the Boulder Creek Zone, is the principal subject of this report which was prepared at the request of Teeshin Resources Ltd.

The writer examined surface exposures on the Dome Mountain property July 9, 10 and 27, 1986. No drill cores have been examined and this report is based principally on diamond drill hole logs and assay data provided by Canadian-United Minerals, Inc.

## LOCATION AND ACCESS

The Dome Mountain property is situated 35 km east of Smithers in west-central British Columbia (Figure 1). Access to the property is by road up the east side of Dome Mountain.

## MINERAL PROPERTY

The Canadian-United Minerals, Inc. - Teeshin Resources Ltd. Joint Venture currently holds 28 full and fractional reverted Crown granted mineral claims, 17 2-post claims and 12 Modified Grid mineral claims (184 units) by way of underlying agreements with several companies and individuals.

As shown on Figure 2, the property covers the central part and the east flank of Dome Mountain with elevations ranging from 1060 to 1750 metres above sea level.

#### HISTORY

Claims were originally located on Dome Mountain prior to 1920. Considerable surface and underground work was undertaken in the 1920's and 1930's, principally on the Forks zone in the southern part of the property (Figure 2).

The Crown granted mineral claims were held by an individual for many years prior to reverting to the Crown in the 1970's. A lottery system of re-allocating the claims resulted in a number of individuals and companies holding the ground for several years.

Noranda Exploration Company Limited negotiated option agreements for the Crown grants and recorded claims in 1984 and made an agreement with Canadian-United Minerals, Inc. to provide funding for a 1985 exploration program with Noranda as operator.

Geological and geochemical surveys were undertaken over most of the property area with trenching and diamond drilling done on a number of the known gold-bearing zones including the Forks and Boulder Creek.

Canadian-United Minerals, Inc. assumed the role of operator in late 1985 and entered into a Joint Venture with Teeshin Resources Ltd. Diamond drilling was undertaken on the Boulder

Creek Zone early in 1986 and to date some 4450 metres of drilling has been completed in 48 inclined and vertical holes.

#### GEOLOGICAL SETTING

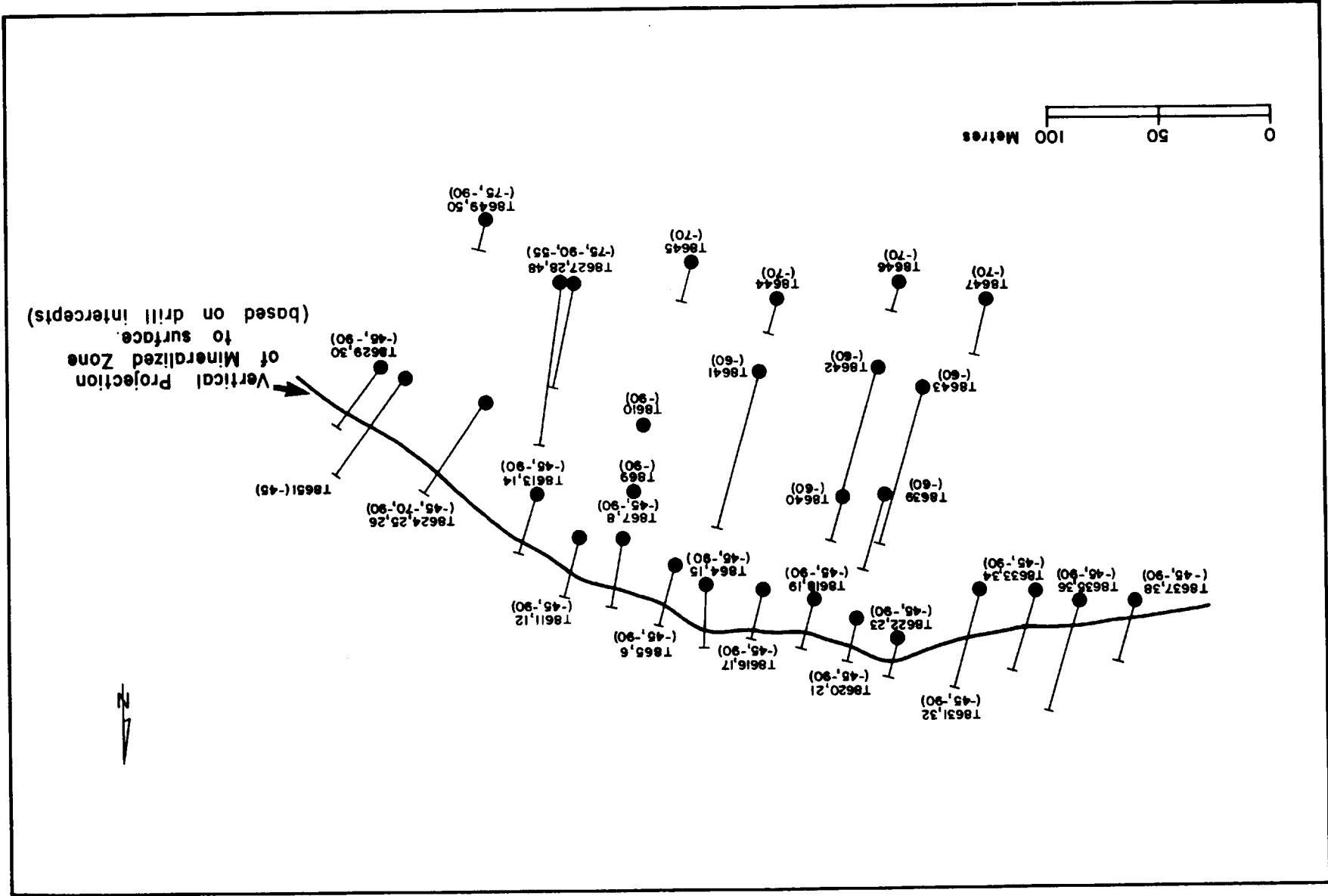
Dome Mountain is underlain by submarine and subaerial Lower Jurassic volcanoclastic and sedimentary rocks of the basal Hazelton Group. The sequence occupies a southeast plunging anticlinal structure cut by east-northeast faults. Small dykes and plugs of diorite and a quartz monzonite stock intrude the layered rocks.

More than a dozen gold-silver-base metals bearing quartz-carbonate veins are known on Dome Mountain (Figure 2). Most of these are hosted by a fine-grained foliated sericite-carbonate altered tuff unit near the top of the basal submarine volcanic unit and as such these veins may be considered to be stratabound. These vein structures also precede a period of intense deformation.

The majority of known veins strike northwest with moderate to steep northeast dips. The Boulder Creek zone has an east-west strike with moderate southerly dips. Vein widths range from several centimetres to several metres. Pyrite, chalcopyrite, galena, sphalerite and arsenopyrite are common vein constituents. Better gold grades correlate with 15%+ sulfide content, principally sphalerite. High zinc values in soils led to the discovery of the Boulder Creek Zone.



FIGURE 3 - BOULDER CREEK ZONE



## BOULDER CREEK ZONE

The Boulder Creek Zone strikes east-west and dips 30 to 60 degrees south with steeper dips near the eastern section of the zone as defined to date.

The zone has been drilled over a strike length of 360 metres (Figure 3) and down dip a distance of 150 metres. Mineralized intersections occur over core lengths ranging from less than a metre to more than 6 metres; true widths are in the order of one to 5 metres. The zone is open along strike and to depth.

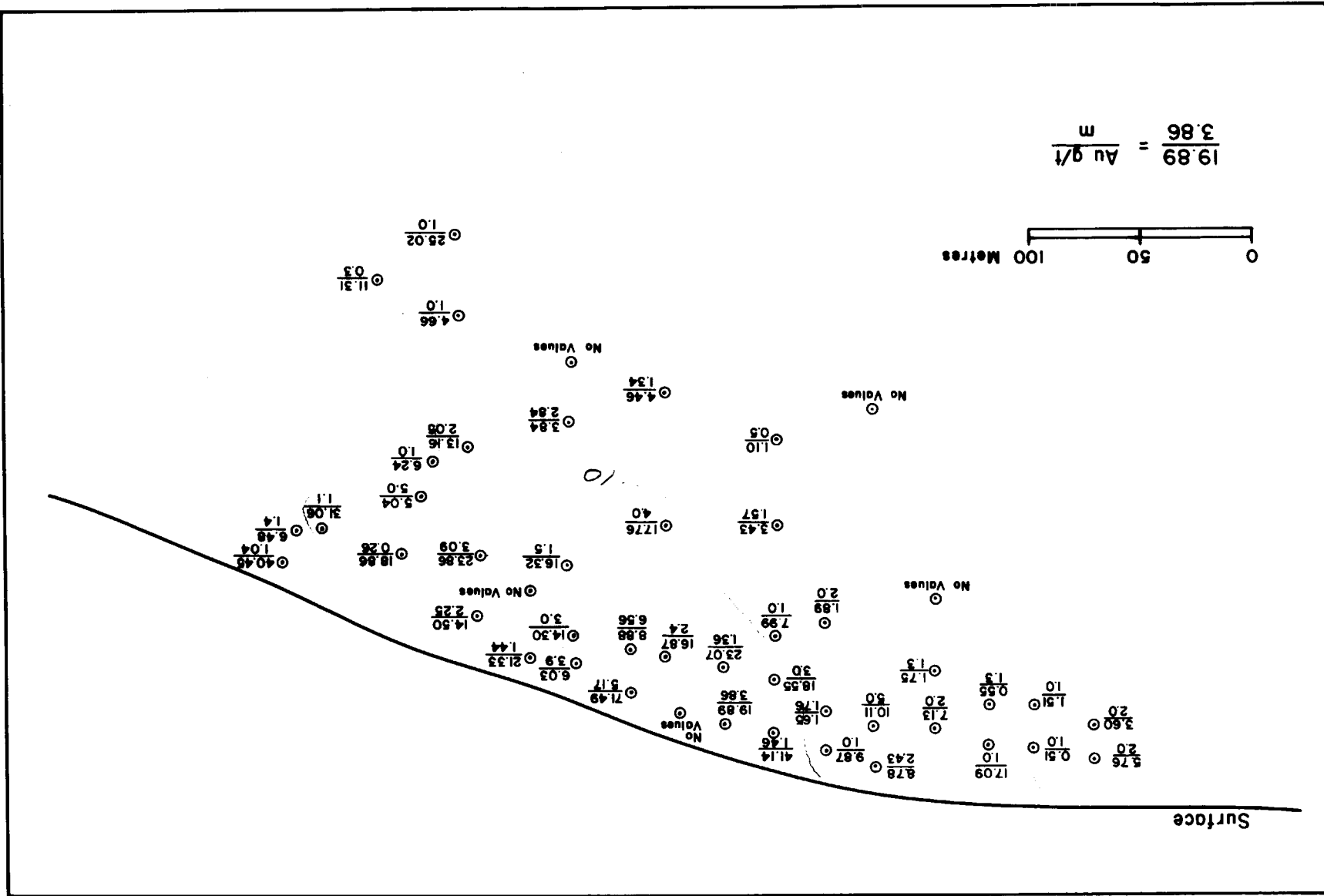
In assessing the potential of the Boulder Creek Zone, gold values of less than 3.4 g/t (0.1 oz/ton) were excluded as were intersections of less than 1 metre core length. Average gold grades include uncut assays of more than 34.28 g/t (1 oz/ton) Average silver values have been calculated (not shown on Figure 4) but apparently recoverable copper, lead and zinc values have not been considered.

No attempt has been made to differentiate between apparently mineable and non-mineable material.

Based on available data for the area drilled to date, a mineral inventory of 218,000 tonnes grading 15.7 g/t gold and 79.54 g/t silver has been calculated. Average intersection length is 2.7 metres. In Imperial units, this would equal 240,000 tons grading 0.458 oz/ton gold and 2.32 oz/ton silver with an average intersection length of 8.8 feet.

As shown on Figure 4 (diagrammatic longitudinal projection

DIAGRAMMATIC LONGITUDINAL PROJECTION  
 BOULDER CREEK ZONE  
 DOME MOUNTAIN — FIGURE 4



looking north), a central zone of near surface, higher grade material is present. This is estimated to contain 71,000 tonnes grading 26.75 g/t gold and 106.2 g/t silver over an average intersection length of 3.28 metres. ( 78,333 tons grading 0.78 oz/ton gold, 106.29 oz/ton silver over an average intersection length of 10.75 feet).

#### CONCLUSIONS AND RECOMMENDATIONS

As noted previously, the Boulder Creek Zone is open along strike and to depth. Results to date definitely warrant additional drilling, particularly to the west where the zone may extend to the Cabin vein several hundred metres away (Figure 2).

Underground work to test the central part of the zone should be seriously considered.

Drilling to date on the Forks zone (Figure 2) indicates a mineral inventory of 20,000 tonnes grading 23.6 g/t gold and the 9800 showing a few hundred metres south may be an extension of the Forks zone.

CERTIFICATE

I, NICHOLAS C. CARTER, of 1410 Wende Road, Victoria, B.C. V8P 3T5, do hereby certify that:

1. I am a Consulting Geologist registered with the Association of Professional Engineers of British Columbia since 1966.
2. I am a graduate of the University of New Brunswick with B.Sc.(1960), Michigan Technological University with M.S. (1962) and the University of British Columbia with PhD. (1974).
3. I have practised my profession in eastern and western Canada and in parts of the United States over the past 25 years.
4. This preliminary assessment of the Boulder Creek Zone, Dome Mountain gold property, is based on personal examinations of the property July 9,10 and 27,1986, and on information provided by Canadian-United Minerals,Inc.
5. I have no interest, direct or indirect, in mineral claims comprising the Dome Mountain property or in securities of Teeshin Resources Ltd. or Canadian-United Minerals,Inc.

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Victoria, B.C.  
August 9, 1986

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