

NATURE OF REPORT: Diamond Drilling & Geological
CLAIMS INVOLVED: Daisie 1-8 Mineral Claims, 930P-9309P
MINING DIVISION: Clinton
N.T.S. LOCATION: 92N/1E, Chilko Mountain
LATITUDE & LONGITUDE: 51°12'N, 124°12'W
OWNER: Gordon Resource (10%)
Canada Tungsten Mining Corp. Ltd. (90%)
OPERATOR: Canada Tungsten Mining Corp. Ltd.
AUTHORS: W.B. Lennan, R.W. Plummer
DATE SUBMITTED: November 23, 1979

7574

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DIAMOND DRILLING

Logs	Appendix 1
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INTRODUCTION

The Daisie 1-8 mineral claims, situated on the southern shore at the head of Franklin Arm on Chilko Lake, were subjected to a diamond drill programme. Two holes were drilled yielding a total of 148 metres of core.

Results from the drilling indicated the lack of tungsten mineralization on the Daisie 3 mineral claim.

LOCATION AND ACCESS (Figure 1 and Map 1)

The Daisie 1-8 mineral claims are situated on the southern side of and at the head of Franklin Arm. They lie approximately 2-4 km inland from the Arm.

Access to the property may be gained via helicopter or float equipped aircraft from Williams Lake (30 km northeast of the property), or by boat from a fishing camp at the north end of Chilko Lake. The fishing camp may be reached from Williams Lake by road.

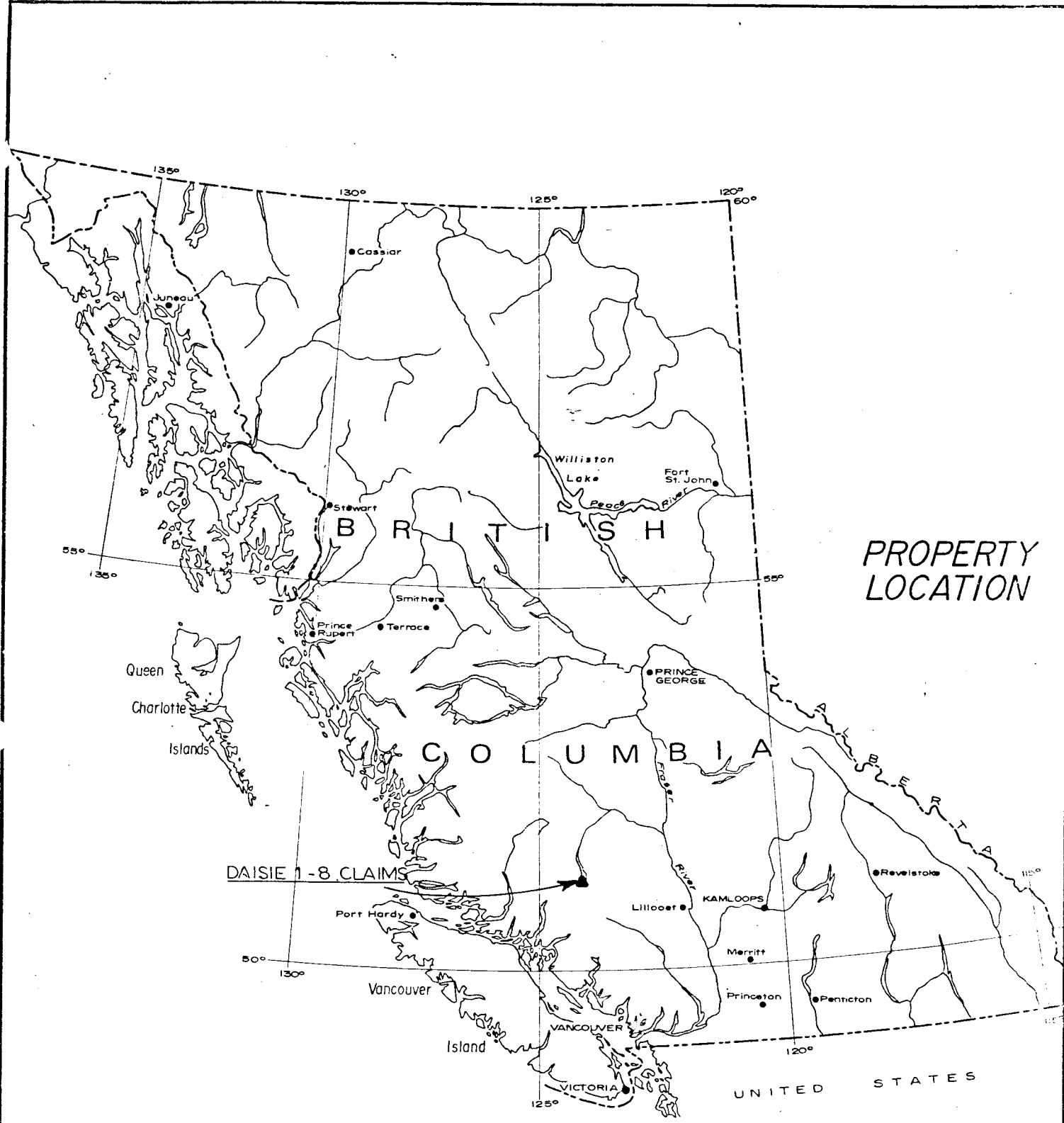
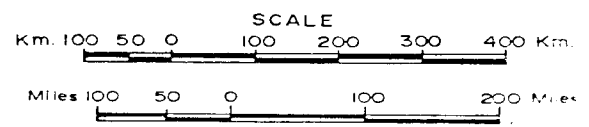


FIGURE 1



NINE MILE CR.

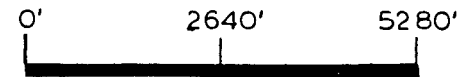
Franklyn Arm of Chilco
Lake

CR.

DAISIE 5 9306 P	DAISIE 3 9304 P	DAISIE 1 9302 P
DAISIE 6 9307 P	DAISIE 4 9305 P	DAISIE 2 9303 P
DAISIE 8 9309 P	DAISIE 7 9308 P	

DESCHAMPS
CR.

GOOD HOPE CR.



SCALE 1 inch = 2640 feet

FROM GOVERNMENT CLAIM MAP

N.T.S. 92 N-1E

Claim Location Map

MAP 1

CLIMATE AND VEGETATION

The climate of the Chilko Valley, due to its high elevation (200 metres) and the abundance of extensive ice sheets, is quite cold with occasional hard frosts occurring during the summer.

The vegetation in the area is composed of intermixed pine and scrub which do not generally grow above the 1,500 metre elevation level. Present along the Deschamps Creek are several swamps.

TOPOGRAPHY

The mineral claims occupy, for the most part, the Deschamps Creek Valley and extends in a southerly direction upslope to an elevation of 1800 metres.

The terrain surrounding the Daisie 1-8 mineral claims is very rugged and is characterized by 2400-3000 metre high peaks. The peaks are surrounded by glaciers of varying sizes, resulting in landforms characteristic of alpine glaciation.

HISTORY

The area was geologically mapped in 1924 by Victor Dolmage, of the G.S.C., and subsequently re-mapped by Dr. Woodsworth in the late 1970's.

Over the years various companies such as Cominco, Highland Bell and Anaconda, have worked on or near the property.

Prior to aquisition of the claims by Gordon Resources Ltd., the property was prospected by Alec Ducharne and Thomas Gordon.

PRESENT INVESTIGATIONS

Between the period of September and October 1979, a small scale diamond drill programme, utilizing a Winkie diamond drill, was executed on the Daisie 3 mineral claim. Three holes, for a footage of 485 feet (148 metres) of Ax-sized core, were drilled at two sites. Two of the holes, D.D.H. 79-1 and 79-2, successfully penetrated the overburden and completed after 110 feet (34 metres) and 365 feet (111 metres) were drilled respectfully. The third hole did not manage to reach bedrock and was thus abandoned.

THE CORE IS STORED IN VANCOUVER

REGIONAL GEOLOGY

The Chilko Lake area lies near the eastern boundary of the Coast Geanticline into which has been introduced the dominantly intermediate to acidic rocks of the Coast Plutonic Complex.

The geological boundaries in the region follow in a general way, the physiographic boundaries and strike in a westerly to northwesterly direction.

To the north of the area, Tertiary Lava flows are seen, where as the southwestern part of the area is underlain by granites of the Coast Range Batholith. Between the two are Mesozoic sediments composed of sandstones, conglomerates, arkoses, shales, tuff and argillites of Lower Cretaceous and Triassic age.

LOCAL GEOLOGY

The area of interest lies adjacent to and covers the contact between the sediments and two small diorite plugs that are separated from but presumably related to the Coast Plutonic Complex.

LOCAL GEOLOGY (cont.)

The area has been thermally metamorphosed by the intrusions resulting in the formation of minor skarnified pods and lenses within the metacarbonate.

The sediments are composed of interbedded limestones, tuff (re-defined as argillites), and agglomerates. The plugs are dioritic in composition and lie in the northern half of Daisie 1 and 3 mineral claims. (Map 2).

Limestone

The limestone is fine to medium grained, with white and grey colour banding that is due to slight variations in the pelitic content of the carbonate. It is generally featureless, although the banding may represent remnant bedding. Red-brown coloured, variable sized garnets and/or vesuvianite crystals are present throughout skarnified carbonates. Several argillite beds 10-15 cm thick occur within the limestone.

Argillite

This unit was mapped originally as tuffs, but subsequent examination of the drill core indicates that the "tuffs" are in actuality argillites. It is fine grained, purple to greyish in colour and featureless throughout the unit. Several beds within the argillite have been altered to medium-grained andalusite hornfels. The contact with the limestone is sharp but not readily visible.

Skarn

This unit underlies the argillite. It is fine grained, green in colour and quite garnetiferous. Several 15 cm thick argillite beds are present throughout.

Mineralization

The tungsten mineralization in both drill holes is low grade (trace of 0.01% WO_3) even in skarnified sections that were encountered within the upper 15 feet of the limestone. No assays were run on the core as lack of visible copper, molybdenum and tungsten mineralization was very evident.

CONCLUSIONS

From the information herein presented, it can be concluded that the mineral potential of the claim block, as examined thus far is of little value.

RECOMMENDATIONS

From examination of the drill core and evaluation of various Company and Government Geological reports the following are recommended:-

1. Extend the present amount of mapping to cover an area of several square miles at a scale of 1:2400;
2. Commence a detailed geochemical programme consisting of rock sampling, talus sampling, stream and soil sampling in and around the property;
3. Running of a Geophysical programme involving a magnetometer and possibly a VLF GM-16.

BIBLIOGRAPHY

Dolmage, Victor; G.S.C. Summary Report 1924 - Part A

Gordon, T.J.; Field Reports and Sketch Maps, 1926-1973

Allen, A.R.; Report on the Daisie Group, 1975

STATEMENT OF COSTS

Diamond Drilling Charges - Winkie Drill

D.D.H. 79-1 - 0-320 feet @ \$7/foot	\$2,240.00
D.D.H. 79-2 - 5-110 feet @ \$7/foot	735.00
D.D.H. 79-2 - 5 feet casing @ \$7/foot	35.00
	<hr/>
TOTAL	\$3,010.00
 Mobilization - Sharp Wings-Williams Lake to Daisie Claim	 528.00
 Camp Costs - 2 drillers - Joe Sperling Joe Gabbs	
Sept.28-Oct.21 = 24 days	
food costs \$10/man day x 2 x 24	480.00
	<hr/>
TOTAL EXPENDITURES	\$4,018.00
1 year assessment value	1,600.00

CANADIAN TUNGSTEN

SEPT 21 - OCT 3 TRAVEL MOVING INSTALL MOTOR

OCT 4 - OCT 5 MOVING SETUP DRILLING CASING
15 FT NO BEDROCK

OCT 6 - OCT 7 MOVED AND SETUP

OCT 8 - OCT 15 #1 HOLE 0-320 FT

OCT 15 - OCT 16 MOVED AND DRILLED CASING 5 FT

OCT 17 - OCT 20 #2 HOLE 5-110 FT

OCT 21 MOVED OUT

430 FT AT \$7.00 PER FOOT \$3010.00

J. J. J. J.

Approved for Payment
Brian Leman - District Geologist -
Cristed 734-11
\$3010.00
Canada Tungsten Mining Corp Ltd.

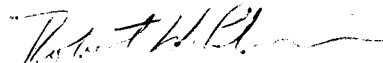
STATEMENT OF QUALIFICATIONS

I, Robert W. Plummer, as a representative of Canada Tungsten Mining Corporation, logged the drill core and compiled the assessment report.

I hereby certify that:

1. I am a 1976 graduate of the University of New Brunswick with a Bachelor of Science in Honors Geology.

2. I have practised my profession in Geology for four years.



Robert W. Plummer

STATEMENT OF QUALIFICATIONS

I, William Brian Lennan, as a representative of Canada Tungsten Mining Corporation Limited, specified that assessment work in the form of a small diamond drilling programme was carried out on the Daisie 1-8 mineral claims. Mr. Joe Sperling was commissioned to carry out the work at a rate of \$7.00 per foot.

I hereby certify that:

1. I am a 1973 graduate of the University of British Columbia with a Bachelor of Science degree in Geology.
2. I have practised by profession in Geology for 7 years, (4 years in British Columbia, 3 years in Yukon Territory).
3. I am registered as an Engineering Pupil of the Association of Professional Engineers of British Columbia.
4. I am a Fellow Member of the Geological Association of Canada and the Canadian Institute of Mining and Metallurgy.


William Brian Lennan

APPENDIX 1

T
DIAMOND DRILL LOG AND SAMPLE RECORD
T



CANADA TUNGSTEN MINING CORPORATION LTD.

LOCATION	CHILCO LAKE, B.C.	DIP TEST		PROPERTY	DAISIE 3	HOLE No.	1
ELEVATION	3875'	DEPTH	OBS'D. 360	CORR'D.	90°	STARTED	October 8, 1979
LATITUDE						COMPLETED	October 15, 1979
DEPARTURE						LOGGED BY	R.W. PLUMMER
BEARING							
						SHEET No.	1 OF 1
						RECOVERY	27%
						LENGTH	0-75', 335-360'

DEPTH (ft)		LENGTH	REC-OVERY	ROCK TYPE	DESCRIPTION	SAMPLE No.	DEPTH		LENGTH	ASSAYS				LENGTH x ASSAY				AVERAGE ASSAY			
FROM	TO						FROM	TO													
0	1.0	1.0	100%	Massive Sulphide	Chalcopyrite and diopside Skarn(?). Abundant rounded fragments of core. Trace amounts of scheelite.																
1.0	335.0	334.0		Limestone	Medium to fine grained, occasionally structureless, grey-white colored limestone. Occasional argillite fragments present. Reddish brown colored garnets or vesuvianite crystals present within upper 15' of core. Occasional specks of scheelite present throughout limestone.																
335.0	359.0	24.0		Limestone	Medium to fine grained, grey colored with green spots, wavy banded limestone with anhedral, 3-4 mmsized garnets or vesuvianite crystals. Several 4" thick argillite beds present. Several specks of scheelite present (less than 0.01%).																
359.0	359.2	0.2		Granodiorite	1" thick section of granodiorite which is medium grained and leucocratic.																
359.2	360.0	0.8		Argillite	Purple to red-brown colored structureless, fine grained unmineralized argillite.																
					End of hole.																

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T
DIAMOND DRILL LOG AND SAMPLE RECORD
T



CANADA TUNGSTEN MINING CORPORATION LTD.

LOCATION CHILCO LAKE, B.C.	DIP TEST	PROPERTY DAISIE 3	HOLE No. 2
ELEVATION 3910'	DEPTH OBS'D. CORR'D.	STARTED October 17, 1979	SHEET No. 1 OF 1
LATITUDE	125' 90°	COMPLETED October 20, 1979	RECOVERY 100%
DEPARTURE		LOGGED BY R.W. PLUMMER	LENGTH 125.0'
BEARING			

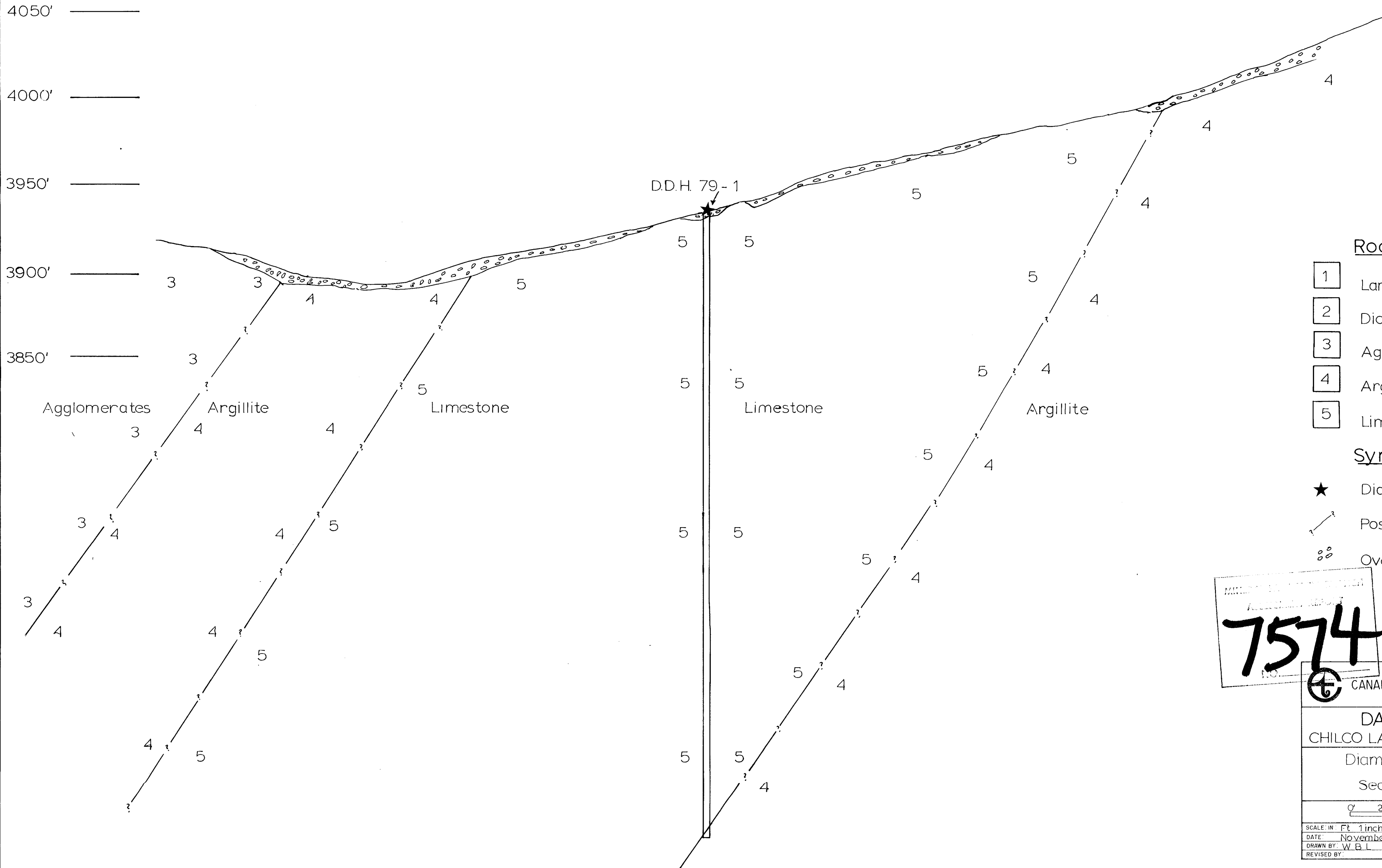
DEPTH (ft)		LENGTH	REC-OVERY	ROCK TYPE	DESCRIPTION	SAMPLE No.	DEPTH		LENGTH	ASSAYS				LENGTH x ASSAY				AVERAGE ASSAY	
FROM	TO						FROM	TO											
0	39	39	100%	Limestone	Medium to fine grained white and grey colored structureless limestone. Several reddish colored garnetiferous bands present throughout often separating grey colored from white colored limestone. Garnetiferous beds are approximately 4" thick. Occasional 2" thick argillite beds present in limestone.														
					Mineralization: 11.0' 8" of massive, slightly weathered chalcopyrite Scheelite present throughout but generally less than 0.01% WO ₃ No samples taken														
39.0	49.0	10		Andalusite hornfels & Argillite	Fine to medium grained, featureless grey colored, somewhat hornfelsed Argillite.														
49.0	52.0	3.0		Limestone	White garnetiferous, structureless limestone														
52.0	63.0	11.0		Argillite	Purple and grey colored, structureless somewhat hornfelsed Argillite														
63.0	67.0	4.0		Limestone	White, fine to medium grained limestone														
67.0	72.0	5.0		Argillite	Purple fine grained argillite.														
72.0	101.0	29.0		Skarn(?)	Fine grained, garnetiferous, green colored skarn with several 8"-12" thick interbedded argillite beds. Mineralization: Several chalcopyrite stringers in core. Very little scheelite present (less than 0.01%).														
101.0	125.0	24.0		Argillite	Fine grained, purple colored, highly fractured somewhat hornfelsed argillite. No scheelite detected. End of hole.														

MINERAL SAMPLE NO. 7574
ACCESSION NO. 7574

Elevation A— West

View Looking North

East — A'



LEGEND

Rock Types

- 1 Lamprophyre Dykes
- 2 Diorites
- 3 Agglomerates & Andesites
- 4 Argillites (Arg) tuffaceous
- 5 Limestone (ls)

Symbols

- ★ Diamond Drill Holes (D.D.H.)
- ↔ Possible contact
- ⊘ Overburden

MILLER
 7574
 NO.

Ⓢ CANADA TUNGSTEN MINING CORP. LTD.

DAISIE 1-8 CLAIMS
 CHILCO LAKE-CLINTON M.D.

Diamond Drill Hole 79-1
 Section A - A' Reference map 2

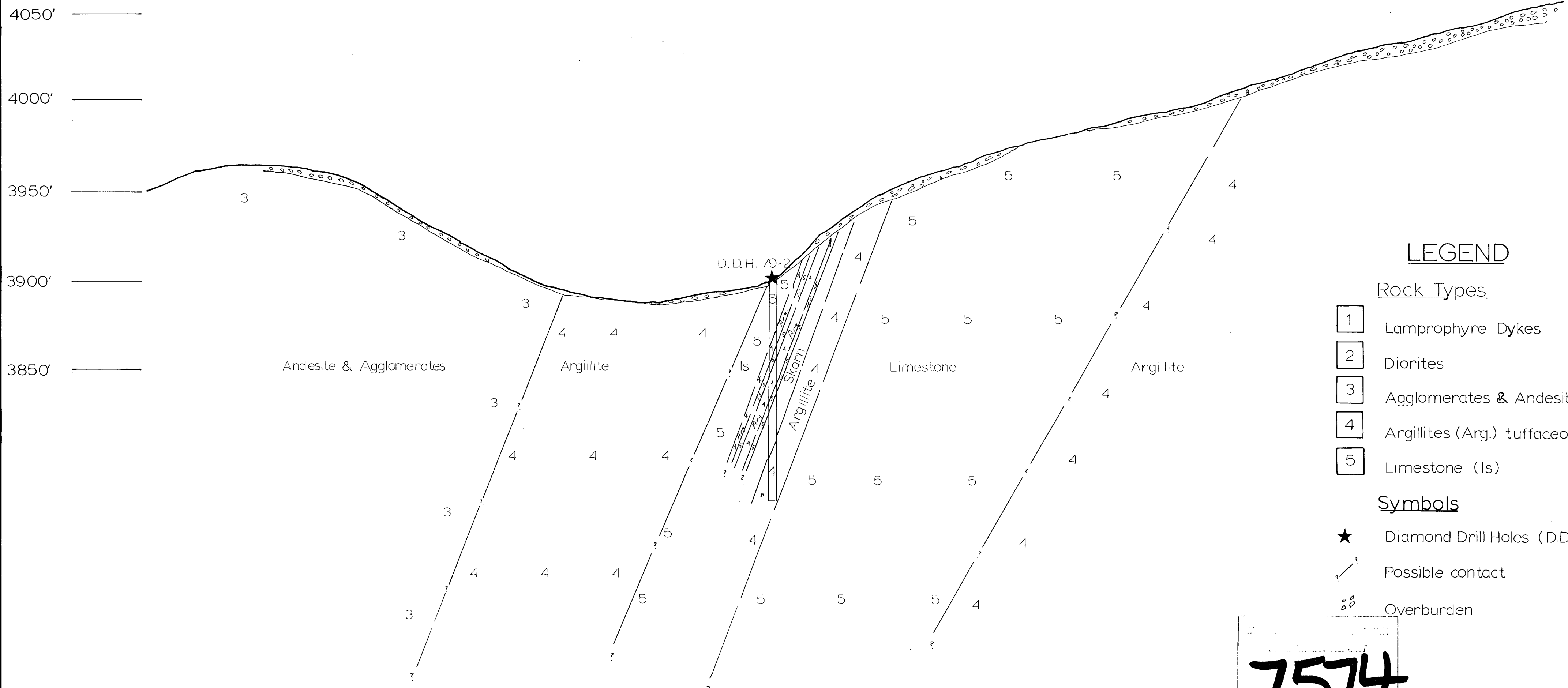
0' 20' 40' 80'

SCALE IN Ft. 1 inch = 40 feet	NTS No. 92N/1E
DATE: November 1979	MAP No. 3
DRAWN BY: W.B.L.	To accompany report: 1979 Chilco Lake DDH Report
REVISED BY:	

Elevation B — West

View Looking North

East — B'



LEGEND


Rock Types

- 1 Lamprophyre Dykes
- 2 Diorites
- 3 Agglomerates & Andesites
- 4 Argillites (Arg.) tuffaceous
- 5 Limestone (Is)

Symbols

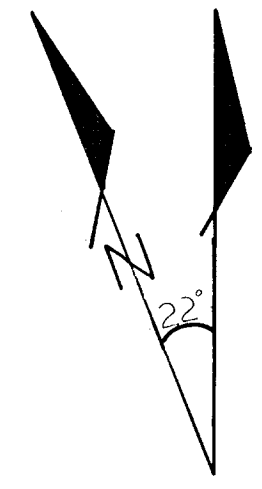
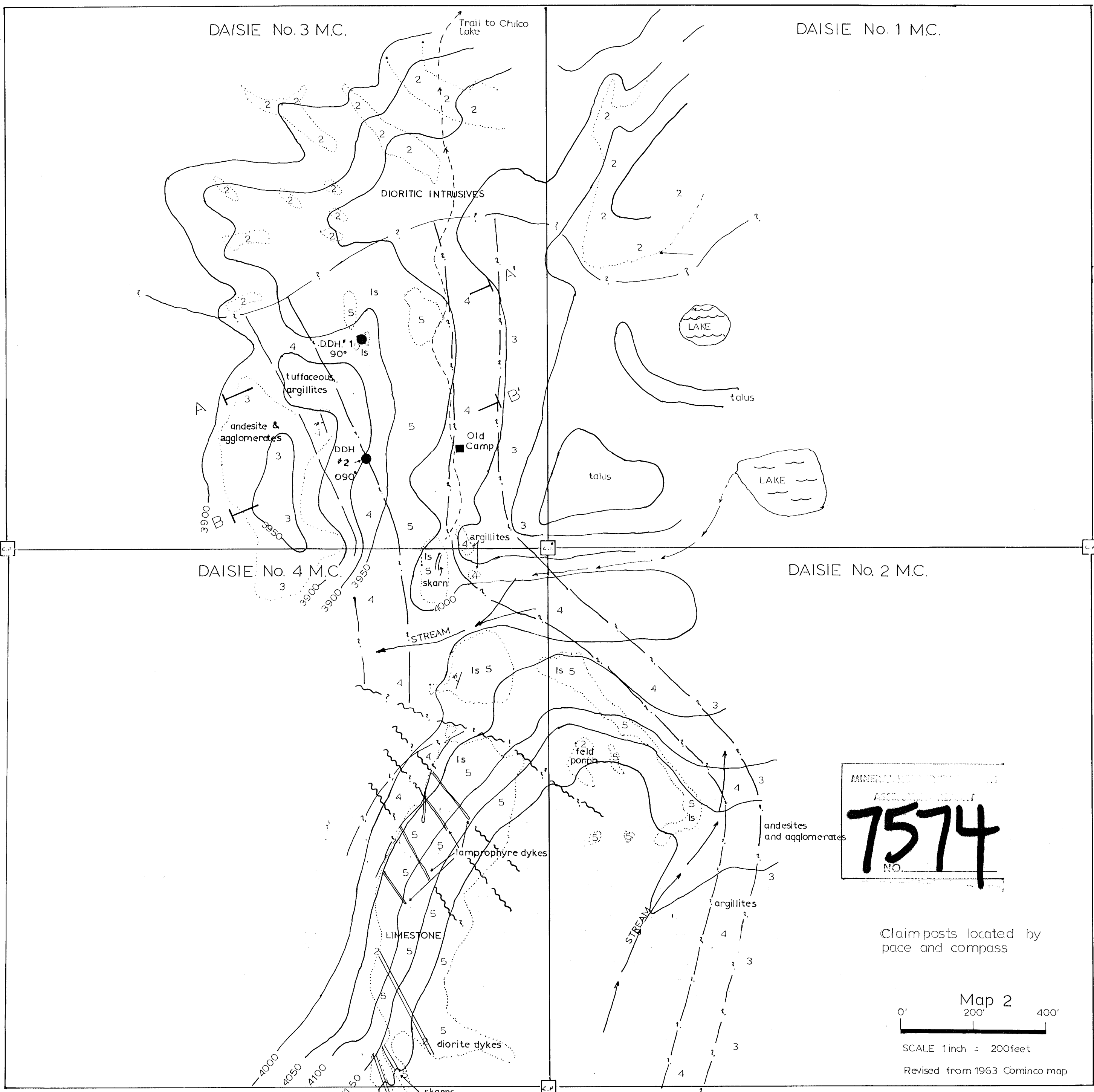
- ★ Diamond Drill Holes (D.D.H.)
- ↗ Possible contact
- ⊙ Overburden

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 CANADA TUNGSTEN MINING CORP. LTD.
 DAISIE 1 - 8 CLAIMS
 CHILCO LAKE - CLINTON M.D.
 Diamond Drill Hole 79-2
 Section B - B' Reference map 2
 SCALE: IN. 1 inch = 40 feet
 DATE: November 1979
 DRAWN BY: W.B.L.
 REVISED BY:
 NTS No. 92 N / 1 E
 MAP No. 4
 To accompany report: 1979 Chilco Lake DDH Report

DAISIE No. 3 M.C.

DAISIE No. 1 M.C.



MAP 2
GEOLOGIC AND
DIAMOND DRILL HOLE
LOCATION MAP

LEGEND

Rock Types

- 1 Lamprophyre Dykes
- 2 Diorites
- 3 Agglomerates & Andesite
- 4 Argillites (tuffaceous)
- 5 Limestone ls

Symbols

- A - A' Drill Section lines
- Bedding attitudes
- DDH #1 Diamond drill holes
- Outcrop
- Contacts (possible)
- Lakes
- Claim posts
- Stream
- Trail
- Fault (definite assumed)

MINERAL RIGHTS
AGGREGATION
7574
NO.

Claim posts located by
pace and compass



SCALE 1 inch = 200 feet

Revised from 1963 Cominco map

DAISIE No. 8 M.C.

DAISIE No. 7 M.C.