MAP No.	ASSESSMENT REPORT / N. M. E. A. P. / CONFIDENTIAL / OPEN FILE XX	TYPE OF WORK: MAYO DIST. PROSPECTUS
106-D-2,3		

REPORT FILED UNDER	Bullion Mountain Mining Ltd.	DOCUMENT NO. 062022
DATE PERFORMED	1974	DATE FILED: May 7th, 1974
LOCATION - LAT.	64 05 N	AREA: Scougale Creek - Keno Hill
LONG.	135 00 W	
CLAIM NO.	CLARK # 1-86 PAUL # 1-8	
VALUE $		
WORK DONE BY	Donald W. Tully (D.I.T. Holdings Ltd.)	
WORK DONE FOR	Bullion Mountain Mining Ltd.	
REMARKS	The CLARK sliver-lead-zinc zone has been developed by surface trenching, limited diamond drilling, geophysical investigation. Mineralization is chiefly silver-bearing galena,siderite and iron oxides, sphalerite with minor Cu, Sb and traces of Au. Further studies, detailed geological mapping to proposed programs of trenching and drilling is recommended.-	

106-D-2 ?

PROSPECTUS
V. S. E.

D. I. T. HOLDINGS LTD.
SUITE 102 · 2222 BELLEVUE AVENUE
WEST VANCOUVER, B.C.

REPORT ON THE

062022

CLARK LAKE CLAIM GROUP
AND THE
PAUL CLAIM GROUP
SCOUGALE CREEK - KENO HILL AREA
MAYO MINING DISTRICT
YUKON TERRITORY

N.L. 64°-05' W.L. 135°-00'

FOR

BULLION MOUNTAIN MINING LTD.
N.P.L.
7049 CURRAGH AVENUE
BURNABY, BRITISH COLUMBIA

BY

DONALD W. TULLY, P.ENG.

MAY 7TH, 1974 WEST VANCOUVER, B.C.

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MAPS

PROPERTY LOCATION MAP	Frontispiece
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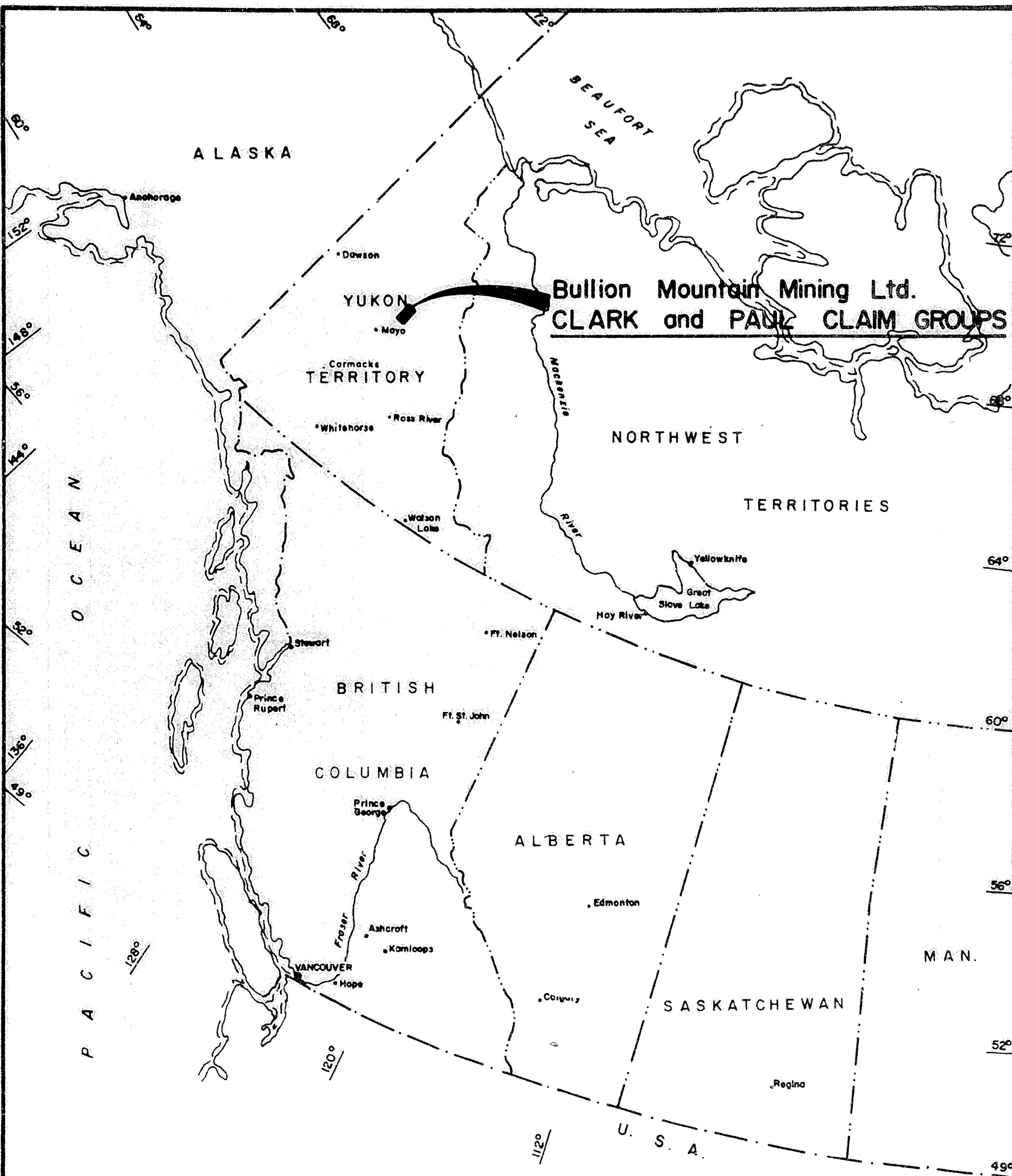
GEOLOGY PLAN (G.S.C. MAP #1268A-1269A)	Following Page 5
PLAN OF AIRPHOTO LINEAMENTS	Following Page 6
AEROMAGNETIC PLAN	Following Page 7



PROPERTY LOCATION MAP

INTRODUCTION

This report was prepared for Bullion Mountain Mining Ltd. (N.P.L.), 7049 Curragh Avenue, Burnaby, British Columbia, at the request of Mr. George Whatley, President. Mr. D. Malcolm, a company director, gave valuable assistance in providing property data for the study.

The purpose of this report is to review the mineral potential and prepare a program for further development of the CLARK and PAUL silver-lead-zinc properties.

SUMMARY AND CONCLUSIONS

Three hundred and fifty-one wholly-owned and optioned mineral claims comprise the CLARK and PAUL properties of Bullion Mountain Mining, at Scougale Creek northeast of Keno Hill in the Mayo Mining District.

Limestone appears to be the important host rock for the significant and widespread deposits of silver-lead-zinc mineralization found to date on both properties. Structural control of the mineralization tends to follow the intersection of northeast and east-west trending fracture patterns.

Surface and lateral underground work have outlined substantial widths of silver-lead-zinc mineralization on the CLARK property. One zone has been explored along a strike length for some 400 feet and is open. Grades are reported by Mr. D. Malcolm, P.Eng., as averaging about 10 ounces silver, 7-8 percent lead and 3-4 percent zinc. He reports a potential aggregate tonnage of about 500,000 tons has resulted from the exploration to date.

DONALD W. TULLY, B.SC., P.ENG.
Consulting Geologist

The PAUL silver-lead zone, under option from Falconbridge, is located about three miles south of the CLARK deposit, and appears to have considerable unexplored potential. This property has had sporadic programs since 1919 of short adit-tunnel excavation, a few shallow diamond drill holes and surface trenching. The work has indicated a northeast striking zone at least 1000 feet long and 50 feet wide. The silver-lead ratio of this zone of veinlets of high-grade silver-lead-zinc mineralization is not known.

A program of exploration of bulldozer trenching and diamond drilling to examine untested mineral targets is recommended for both the CLARK and the PAUL mineral zones.

The estimated cost of the proposed work program is about $40,000.00 for the PAUL zone and $20,000.00 for the CLARK zone and a total of $75,000.00 for both properties including attendant and contingency costs.

PROPERTY - LOCATION, ACCESS, TOPOGRAPHY

The property lies within the Stewart Plateau on the north slope of the Davidson Range. The claims are situated in the Scougale Creek - Clark Lakes area about eighteen miles in a direct line northeast of Elsa in the Mayo Mining District, Yukon Territory.

Road travel is available from Hanson Lakes using a bombadier-type track vehicle a distance of about twenty-five road miles.

Fixed-wing aircraft are available in Mayo for landing at Clark Lakes. Helicopter is the most convenient as landing areas are adequate.

DONALD W. TULLY, B.Sc., P.Eng.
Consulting Geologist

Topography is marked by a sharp east-southeast trending north-sloping escarpment lying about one mile south of Clark Lakes. North-south east trending U-shaped valleys overlie a rising topography to the south.

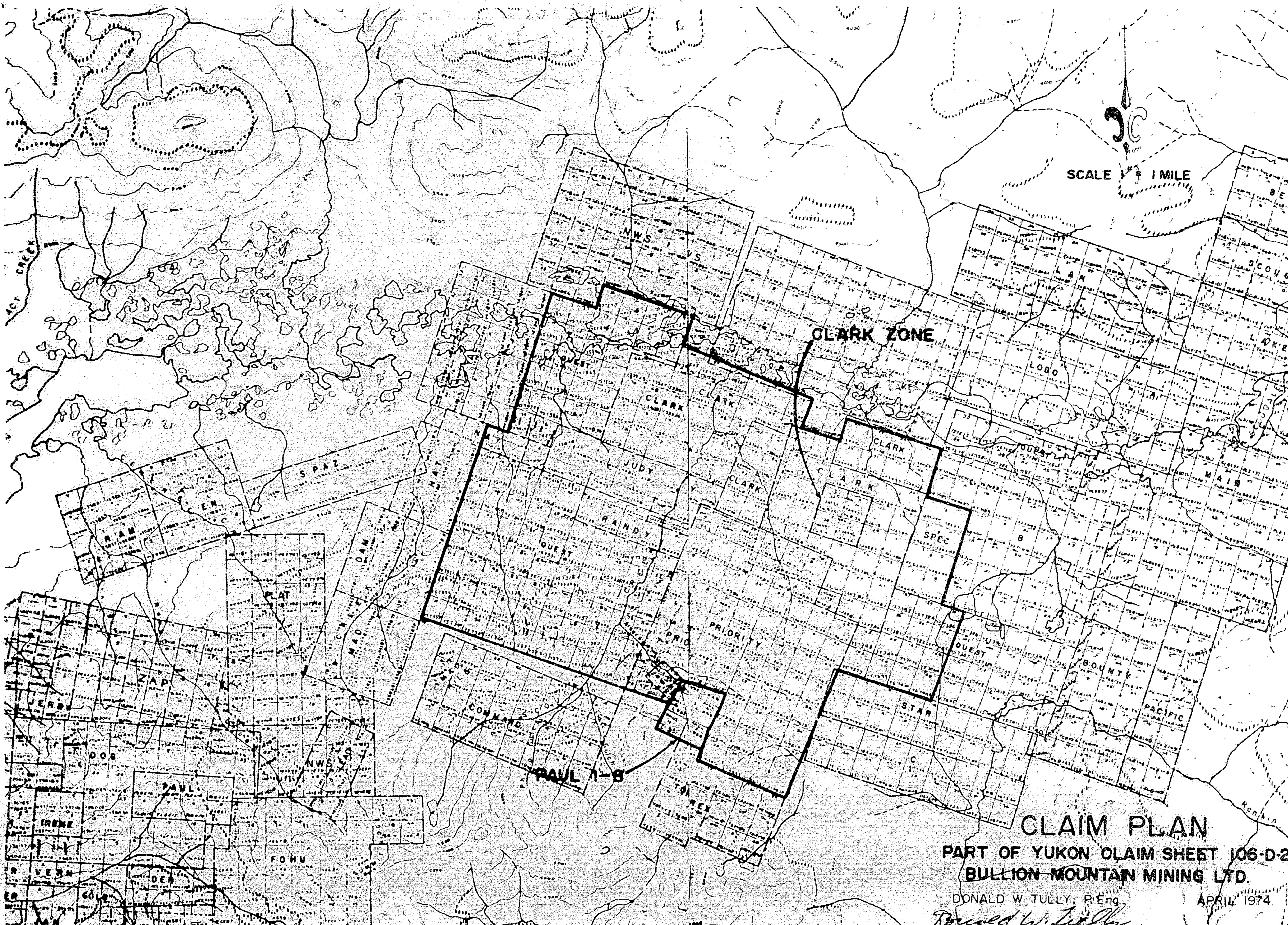
Elevations vary from 2100 feet above sea-level at Clark Lakes to above 5000 feet on the north flank of Mount Cameron.

CLAIMS

The claims are shown on Yukon claim sheets 106-D-2, 3.

Information from the Mining Recorder at Mayo on April 2nd, 1974 concerning the Bullion Mountain Mining property is as follows:

CLAIM NAME	GRANT NUMBER	RECORDED HOLDER	EXPIRY DATES
CLARK #1-4	Y6933-36	Bullion	good until at
" 5-12	Y26564-71	Mountain	least 1978 and
" 13-20	Y26572-79	Mining Ltd.	beyond in some
" 21-28	Y26580-87	(N.P.L.)	instances
" 29-36	Y26588-95	"	"
" 37-38	Y26596-97	"	"
" 39-46	Y33455-62	"	"
" 47-54	Y33463-70	"	"
" 55-62	Y33515-22	"	"
" 63-70	Y33523-30	"	"
" 71-78	Y33531-38	"	"
" 79-86	Y33539-46	"	"
PRIORITY #1-64	Y14564-627	"	"
QUEST #1-14	Y57264-77	"	"
QUEST #33-169	Y57287-414	"	"
QUEST Fr. 170-175	Y57415-20	"	"
JUDY #1-16	Y55835-50	"	"



CLAIM PLAN

PART OF YUKON CLAIM SHEET 106-D-23
BULLION MOUNTAIN MINING LTD.

DONALD W. TULLY, P.Eng. APRIL 1974

Donald W. Tully

DONALD W. TULLY, B.SC., P.ENG.
Consulting Geologist

CLAIM NAME	GRANT NUMBER	RECORDED HOLDER	EXPIRY DATES
NAT #1-2	Y55867-68	Bullion Mountain Mining Ltd. (N.P.L.)	good until at least 1978 and beyond in some instances
GEORGE #1-2	Y56230-31		
RANDY #1-8	Y56232-39	"	"
SPEC #1-8	Y56240-47	"	"
PAUL #1-8 (under option)	Y56420-27 (Lease #500 -507)	Ventures Claims Ltd. (Falconbridge)	good until August 15, 1977

HISTORY - PREVIOUS DEVELOPMENT - REFERENCES

The Clark Lake silver-lead-zinc mineral property discovery resulted from a geochemical survey by the Geological Survey of Canada in the Keno Hill area.

Early records of the Keno Hill area show prospecting was done along the Keno Ladue River in 1887. In the summer of 1898 prospectors were attracted to this area in search of gold. Placer mining is recorded in the period 1906-1915 and the Silver King vein on Galena Creek was discovered about this time. Silver-rich veins were discovered on Keno Hill in 1919 about the same time as the Mount Cameron (Paul claim group) were first recorded.

The Keno Hill - Galena Hill silver vein lodes rank with the richest silver-lead deposits in the world. Production up to 1960 exceeded 110 million ounces of silver, 353 million tons of lead, 164 million tons of zinc and substantial amounts of cadmium.

The extent of the silver-lead mineralized belt through the area has only been partially explored for a variety of reasons

LEGEND

CENOZOIC

TERTIARY
EOCENE OR LATER

- 12 — *Rhyolite, trachyte (flow rocks)*

MESOZOIC

CRETACEOUS (?)

- 11 — *Quartz-feldspar porphyry, granite porphyry*
- 10 — *Granodiorite, granite, diorite*
- 9 — *Meta-diorite, meta-gabbro (greenstone) (only the larger bodies are shown)*

PALAEOZOIC

ORDOVICIAN TO SILURIAN

- 8 — *Dolomite, minor limestone*

PRECAMBRIAN AND/OR PALAEOZOIC

YUKON GROUP (1-7)

- 7 — *Pebbly quartzite, phyllitic quartzite, slate, phyllite, minor limestone (age uncertain)*
- 6 — *Slate, schist, quartzite, minor limestone*
- 5 — *Quartzite, quartz-mica schist, slate, minor limestone*
- 4 — *Quartz-mica schist, pebbly quartzite, minor limestone, skarn in vicinity of 10*
- 3 — *Quartz-mica schist, graphitic schist, phyllitic quartzite, minor limestone, skarn in vicinity of 10*
- 2 — *Thick-bedded quartzite, thin-bedded quartzite, graphitic schist, minor limestone, skarn in vicinity of 10*
- 1 — *Graphitic schist, thin-bedded quartzite, quartz-mica schist, phyllite, calcareous schist and quartzite*

Drift-covered area
Bedding (horizontal, inclined, vertical)
Bedding inclined (direction of dip known, top of bed unknown)
Schistosity, foliation (inclined, vertical)
Syncline (arrow indicates plunge)
Anticline (arrow indicates plunge)
Anticline and syncline (overturned)
Glacial striae
Late fault (approximate, assumed)

Geology compiled by R. W. Boyle, from published Geological Survey of Canada maps 890A, 1105A, 43-9, 5-1958, 8-1958, 9-1958 and 15-1962, with additional field surveys by R. W. Boyle

To accompany G. S. C. Bulletin 111, by R. W. Boyle

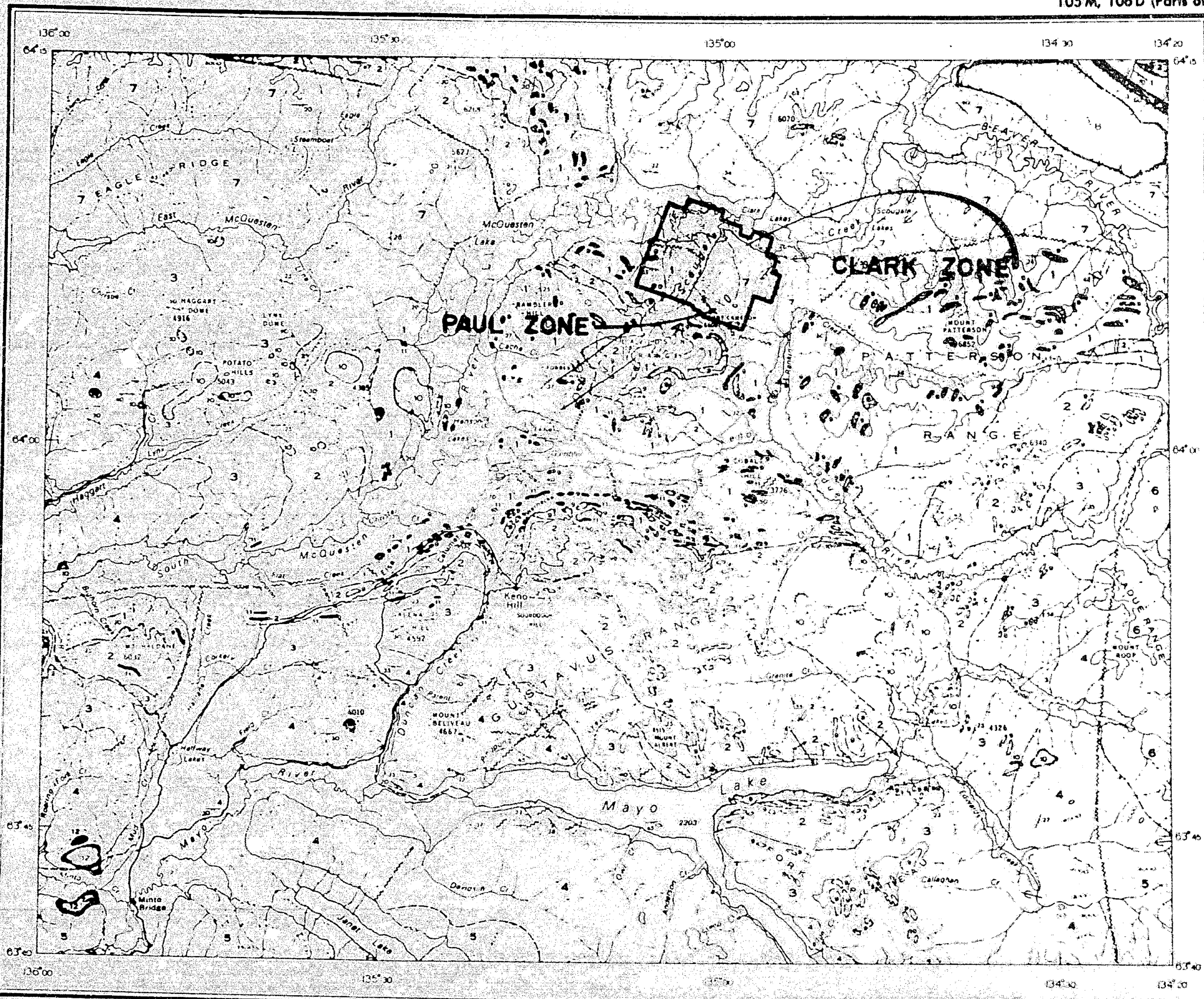
Geological cartography by the Geological Survey of Canada, 1964

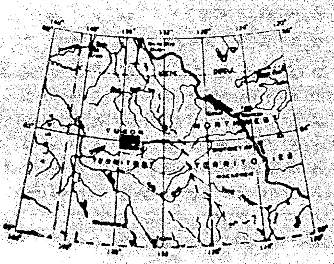
Road, all weather
Other roads
Contours (interval 500 feet)
Height in feet above mean sea-level 3250

Base-map cartography by the Geological Survey of Canada, from maps published by the Surveys and Mapping Branch and the Army Survey Establishment, R. C. E., with minor revisions by the Geological Survey of Canada

GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

105 M, 106 D (Parts of)





PUBLISHED 1964
COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA

PRINTED BY THE SURVEYS AND MAPPING BRANCH

MAP 1147A

GEOLOGY

KENO HILL-GALENA HILL AREA

YUKON TERRITORY

Scale 1:253,440
1 inch to 4 miles

GEOLOGY PLAN

BULLION MOUNTAIN MINING LTD. (N.P.L.)

DONALD W. TULLY, P.Eng. APRIL 1974.

Donald W. Tully

DONALD W. TULLY, B.Sc., P.Eng.
Consulting Geologist

not the least of which are remoteness and higher than usual exploration costs. Nonetheless the writer believes the present high prices for silver will result in the discovery of new high-grade silver deposits in this area.

Bullion Mountain Mining Ltd acquired control of the Clark Lake property in 1972 and the company has since explored the property by its own efforts or through option. Bulldozer trenching, diamond drilling and 1493 feet of lateral underground development has been done.

The company has recently reported the option of the PAUL #1-8 claim group from Ventures Claims Ltd. (Falconbridge).

Reports, maps and references pertinent to the Bullion Mountain property are as follows:

G.S.C. Bulletins 32, 36, 111;

G.S.C. Memoir 357, 364;

G.S.C. Summary Report 1919, Part B, pp 5;

G.S.C. " " 1921, Part A pp 1-6;

G.S.C. Paper 71-51;

G.S.C. Paper 58-4, 55-12;

G.S.C. Map 9-1958 (McQuesten Lake), 1147A (Keno-Galena Hill), 1282A (Nash Creek), 1268A (McQuesten Lake), 1269A (Scougale Creek), 26-1964 and 27-1964;

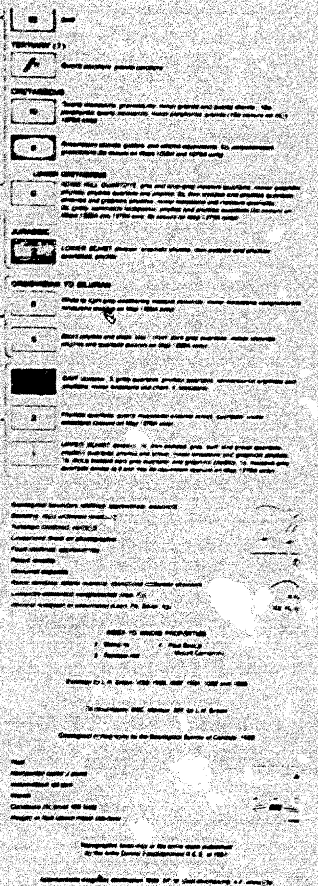
G.S.C. Aeromagnetic Maps #3387g, 3394g;

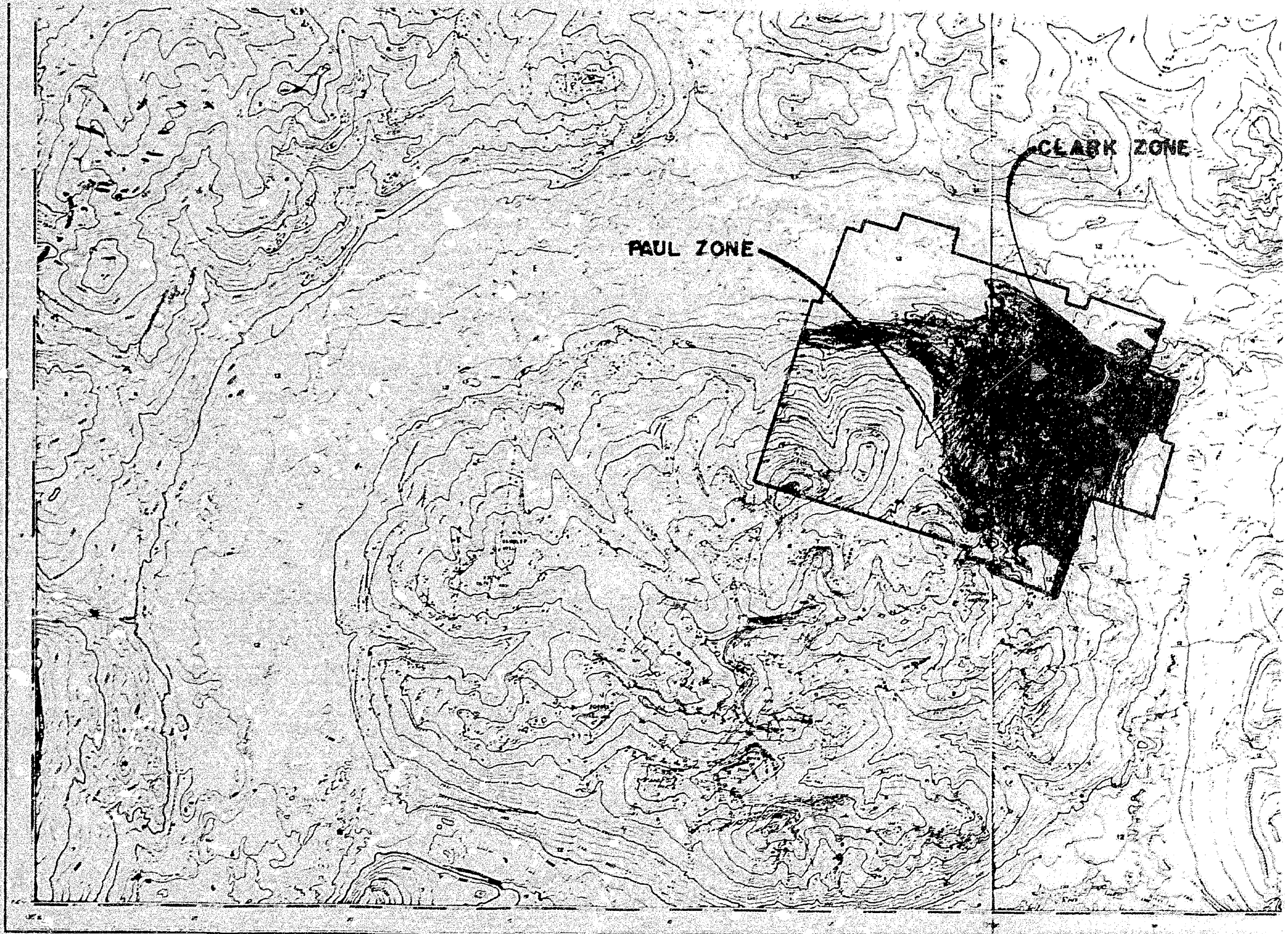
Topographic Map 106-D (1-250,000);

" " 106-D/2, D/3 (1-50,000);

Yukon Claim Plan 106-D/2, D/3 (2 inches = 1 mile);

National Airphoto Library photos.





MAP 1269A
GEOLOGY
McQUESTEN LAKE
YUKON TERRITORY
Scale 1:50,000

GEOLOGY PLAN

AFTER 1269A

BULLION MOUNTAIN MINING LTD.

(N.P.L.)

DONALD W. TULLY, P.Eng APRIL 1974

Donald W. Tully

DONALD W. TULLY, B.Sc., P.Eng.
Consulting Geologist

GEOLOGY

REGIONAL:

A table of formations for the Keno Hill - Scougale Creek area is as follows:

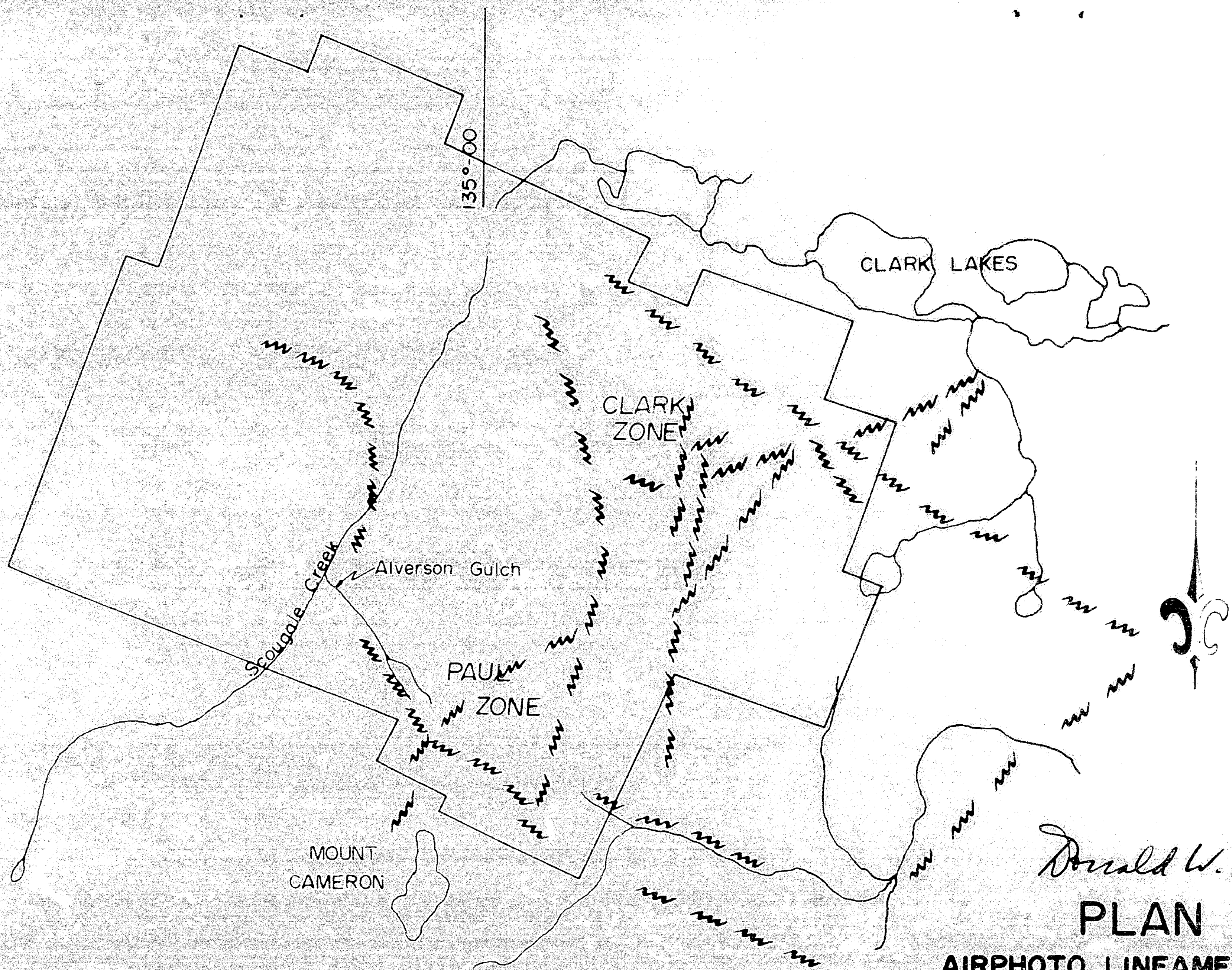
CENOZOIC	- Stream deposits and rock talus
	- Pleistocene till, sand and gravel
	- Unconformity
MESOZOIC	- Cretaceous granodiorite and quartz monzonite
	- Diorite and gabbro
	- Keno Hill quartzite
	- Jurassic lower schist group
	- Unconformity
PRECAMBRIAN OR CAMBRIAN	- Gritty quartzite, phyllite, limestone

The major structural feature is the Mayo Lake Anticline. Two periods of deformation including a pervasive foliation preceded the Mayo Lake anticlinal structure followed by a development of complex folding which included the core of the Davidson Range. This is exemplified by the pattern of Cretaceous diorite and gabbro intrusives at Mount Cameron.

Ore zones are related to northeast striking vein-fault systems at the intersection of quartzite bands.

PROPERTY:

Three main lithological units underlie the property, namely, Cambrian or earlier gritty quartzite, phyllite and argillite, graphitic phyllite, limestone; Jurassic argillites and phyllites; and Cretaceous Keno Hill quartzite intruded by dikes of diorite and gabbro.



Donald W. Tully

PLAN

AIRPHOTO LINEAMENTS

BULLION MOUNTAIN MINING LTD

(N.P.L.)

DONALD W. TULLY, P.Eng. APRIL 1974

Scale: 1" = 1 Mile

DONALD W. TULLY, B.Sc., P.Eng.
Consulting Geologist

With the exception of the south and western portions most of the property is underlain by a gritty quartzite. Bands of limestone lie within the quartzite and appear to be important host rocks for sphalerite and galena. One band of limestone has been mapped in the CLARK zone and strikes westerly. A second limestone horizon lies near the south contact of the quartzite and phyllitic schist (Lower Schist Unit) about the 4600' elevation on Mount Cameron. This member is the host rock in the PAUL zone. The limestone bands are lens-like in character.

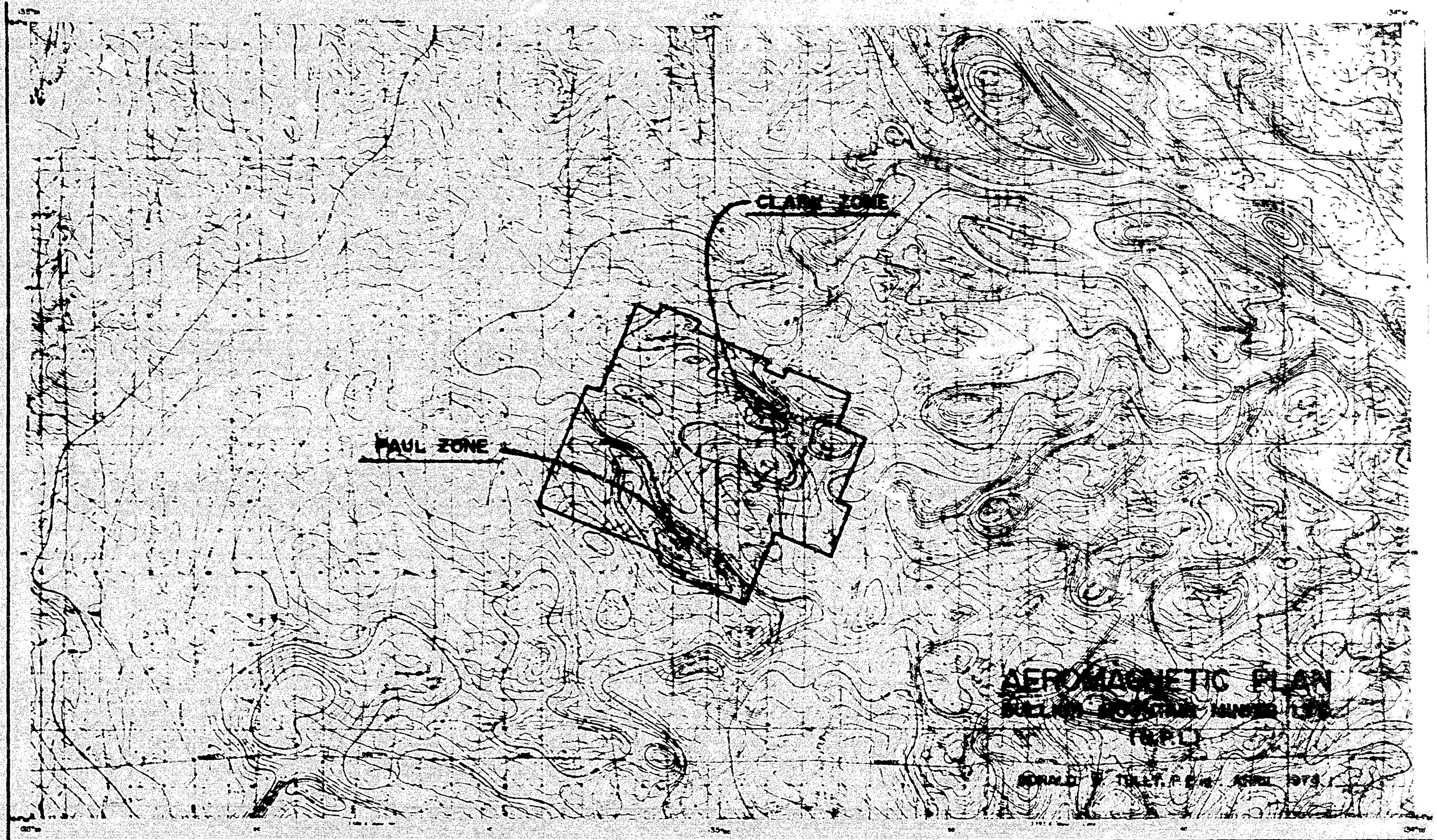
The phyllitic schist is graphitic, thinly bedded, fine-grained and frequently grades into phyllitic quartzite phases. Strikes and dips of schistosity are generally west-northwest with 30 - 55 degree south dips on Mount Cameron. The contact of the phyllitic schist and the quartzite is considered to be conformable.

Geological Survey of Canada maps 1147A, 8-1958, 1268A and 1269A are useful references. A study of aeromagnetic maps 3387g and 3394g on which the CLARK and PAUL zones appear to be indicated by aeromagnetic lows and suggest new target areas on this promising property.

MINERALIZATION

Silver-lead-zinc mineralization appears to be structurally related to northeast trending lineaments (Linears) and limestone horizons or lenses. Also, the intersection of northeast trending lineaments and east-southeast trending shears appear to be an important locus of mineralization. Elsewhere in the Keno Hill - Galena Hill area the intersection of northeast-trending vein-filled shears and fine-grained quartzitic members is an important locus for ore-shoots.

The CLARK silver-lead-zinc zone has been developed by surface trenching, limited diamond drilling, geophysical investigation (Gravity) and 1493 feet of adit at elevation 3302'. According



McQUESTEN LAKE

YUKON TERRITORY

SCOUDALE CREEK

YUKON TERRITORY

Donald W. Tully

to Mr. D. Malcolm, P.Eng., this adit followed the mineral deposit in part. On surface the CLARK zone is exposed for a 400-foot length at elevation 3440 over widths up to 31 feet. The schistosity strikes northeast and dips 25 - 40 degrees easterly. Underground this zone was opened up for some additional 400 feet according to Mr. Malcolm and traced by surface and underground drilling down to the 3130-foot elevation. The host rock is limestone. Galena and associated oxides, the iron-rich variety of sphalerite (marmatite) and sulphides of silver are the dominant minerals. Values are widespread and probably average about 10 ozs silver, 7-8% lead and 3-4.5% zinc. The CLARK zone is considered to be open on strike and down dip.

About 15,000 feet south of the CLARK zone the PAUL deposit occurs on the north slope of Mount Cameron about elevation 4400'. The host rock is Cambrian limestone. Previous development has consisted of surface trenching, tunneling and drilling. Most of the work is caved in at the present time. The exploration work so far has indicated high-grade veinlets of silver-rich galena across a zone some fifty feet wide and one thousand feet long. Values vary up to 75 ozs silver, 56% lead and 10% zinc. This zone is considered to be open on strike and down dip. Mineralization is chiefly silver-bearing galena, siderite and iron oxides, sphalerite with minor copper, antimony and traces of gold. Brecciated structures characterize the mineralized zone.

RECOMMENDATIONS

1. Further study of the pattern of lineaments may lead to several new target areas particularly in the area east of the CLARK zone and the PAUL zone.

2. Detailed geological mapping preparatory to proposed programs of trenching and drilling is recommended.

3. Bulldozer trenching has always been a successful exploration tool in the Keno Hill - Galena Hill area to open up new zones of mineralization. Additional bulldozer trenching is proposed for both the CLARK and PAUL zones.

4. Extension of both the PAUL and CLARK zones along strike and down dip by diamond drilling is proposed.

ESTIMATED COSTS OF THE PROPOSED WORK PROGRAM

A) **CLARK ZONE**	
Bulldozer trenching using a D-8 with ripper (200 hours @ $42.50/hour)	$ 8,500.00
Diamond drilling (1000 feet Bx wireline @ $11.50/foot)	11,500.00
B) **PAUL ZONE**	
Bulldozer trenching (400 hours @ $42.50/hour)	17,000.00
Diamond drilling (2000 feet Bx wireline @ $11.50/foot)	23,000.00
Mobilization and demobilization and camp costs estimated at 15% of above	9,000.00
Geological mapping, assaying, travel, supervision, engineering report and contingencies	6,000.00
TOTAL.........	$75,000.00

Respectfully submitted,

Donald W. Tully

Donald W. Tully, P.Eng.
Consulting Geologist

May 7, 1974

DONALD W. TULLY, B.SC., P.ENG.
Consulting Geologist

CERTIFICATE

I, DONALD WILLIAM TULLY, of the Municipality of West Vancouver, in the Province of British Columbia, hereby certify as follows:

1. I am a Consulting Geologist with an office at Suite 102, 2222 Bellevue Avenue, West Vancouver, British Columbia.

2. I am a registered Professional Engineer in the Provinces of British Columbia and Ontario.

3. I graduated with a degree of Bachelor of Science, Honours Geology, from McGill University in 1943.

4. I have practiced my profession for twenty-eight years.

5. I have no direct, indirect or contingent interest in the CLARK LAKE and PAUL claim groups located in the Mayo Mining District, in the Yukon Territory, nor in the securities of BULLION MOUNTAIN MINING LTD. (N.P.L.), nor do I intend to receive any interest.

6. This reported dated May 7th, 1974, is based on a personal knowledge of the area from a reconnaissance field trip over the property on July 14, 1973 with Mr. T. Gallant, a study of the available published data on this particular area of the Yukon Territory and information gathered from personal communications. I did not examine the claim posts in the field.

DATED at West Vancouver, British Columbia, this 7th day of May, 1974.

Donald W. Tully

Donald W. Tully, P.Eng.
Consulting Geologist