

MAP NO.: 116 B/01
ASSESSMENT REPORT X
PROSPECTUS X
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092939
MINING DISTRICT: Dawson
TYPE OF WORK: Geochemistry

REPORT FILED UNDER: Tombstone Explorations Co. Ltd.

DATE PERFORMED: September 7, 1990

DATE FILED: March 11, 1991

LOCATION: LAT.: 64°07'N

AREA: Lee Creek

LONG.: 138°24'W

VALUE \$: 3,759.11

CLAIM NAME & NO.: MIK 1-26 YB 30032 - YB 30057
MIK 33-40 YB 30058 - YB 30065

WORK DONE BY: H.J. Keyser (Aurum Geological Consultants Inc.)

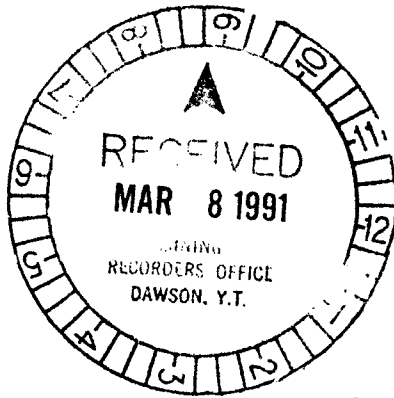
WORK DONE FOR: Tombstone Explorations Co. Ltd.

DATE TO GOOD STANDING:

REMARKS: MINFILE #116B-165 RIDGEWAY

Exploration in 1990 consisted of prospecting and stream sediment geochemistry. Eight conventional stream sediment samples were collected and analyzed for gold, silver, copper, lead, zinc, molybdenum, arsenic, antimony, and mercury. One sample was anomalous in all elements including 14 ppb gold, 96 ppm copper, 1474 ppm zinc and 735 ppm mercury.

*Summarized April 24/91
indexed April 24/91*



092939

**REPORT ON THE
1990 ASSESSMENT WORK
ON THE MIK CLAIMS**

Dawson M.D., Yukon
Sept. 27, 1990

Claims: Mik 1-26 (YB30032-057)
Mik 33-40 (YB30058-065)

Location: 1. 57 km East of Dawson, Yukon
2. NTS Sheet 116 B/1
3. Latitude 64° 07' N
Longitude 138° 24' W

For: Tombstone Explorations Co. Ltd.
P.O. Box 265
Dawson City, Yukon
Y0B 1G0

By: Harmen J. Keyser, B.Sc., FGAC
Aurum Geological Consultants Inc.
412-675 West Hastings Street
Vancouver, B.C.
V6B 1N2

February 11, 1991

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 3759.11.

for W. LeBarge
Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

TABLE OF CONTENTS

i

TABLE OF CONTENTS	i
1. INTRODUCTION	1
1.1 Terms of Reference	1
1.2 Location and Access	1
1.3 Property	1
1.4 History	4
2. GEOLOGY AND MINERALIZATION	5
2.1 Regional Geology	5
2.2 Mineralization	7
3. GEOCHEMISTRY	8
4. CONCLUSIONS AND RECOMMENDATIONS	10
5. REFERENCES	11
6. STATEMENT OF QUALIFICATIONS	12
7. STATEMENT OF COSTS	13

List of Figures

Figure 1; Location Map - 1:1,000,000:	2
Figure 2; Claim Location - 1:25,000:	3
Figure 3; Regional Compilation Map - 1:250,000:	6
Figure 4; Geochemistry - 1:25,000:	9

1. INTRODUCTION

1.1 Terms of Reference

This report was prepared at the request of Mr. Simon Ridgway, President of Tombstone Explorations Co. Ltd. Its purpose is to satisfy assessment requirements of the Yukon Quartz Mining Act through a description of an exploration program carried out on the Company's Mik claims. A program of prospecting and stream sediment geochemistry was carried out by Tombstone personnel on September 17, 1990.

1.2 Location and Access

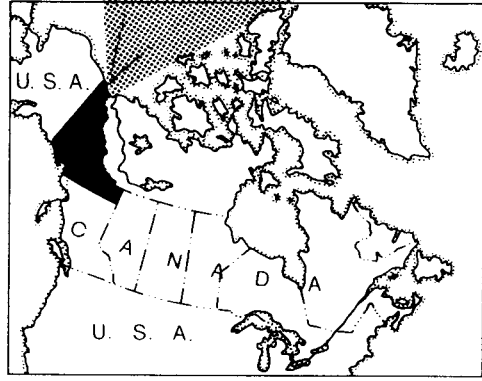
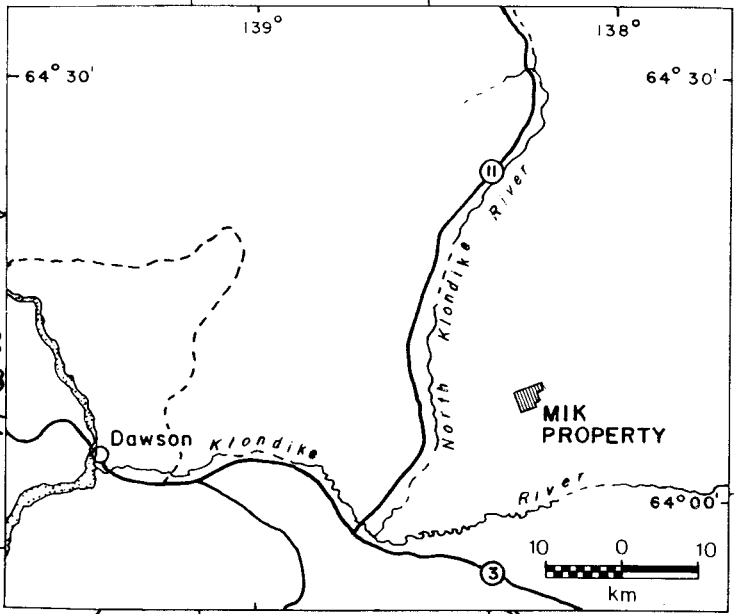
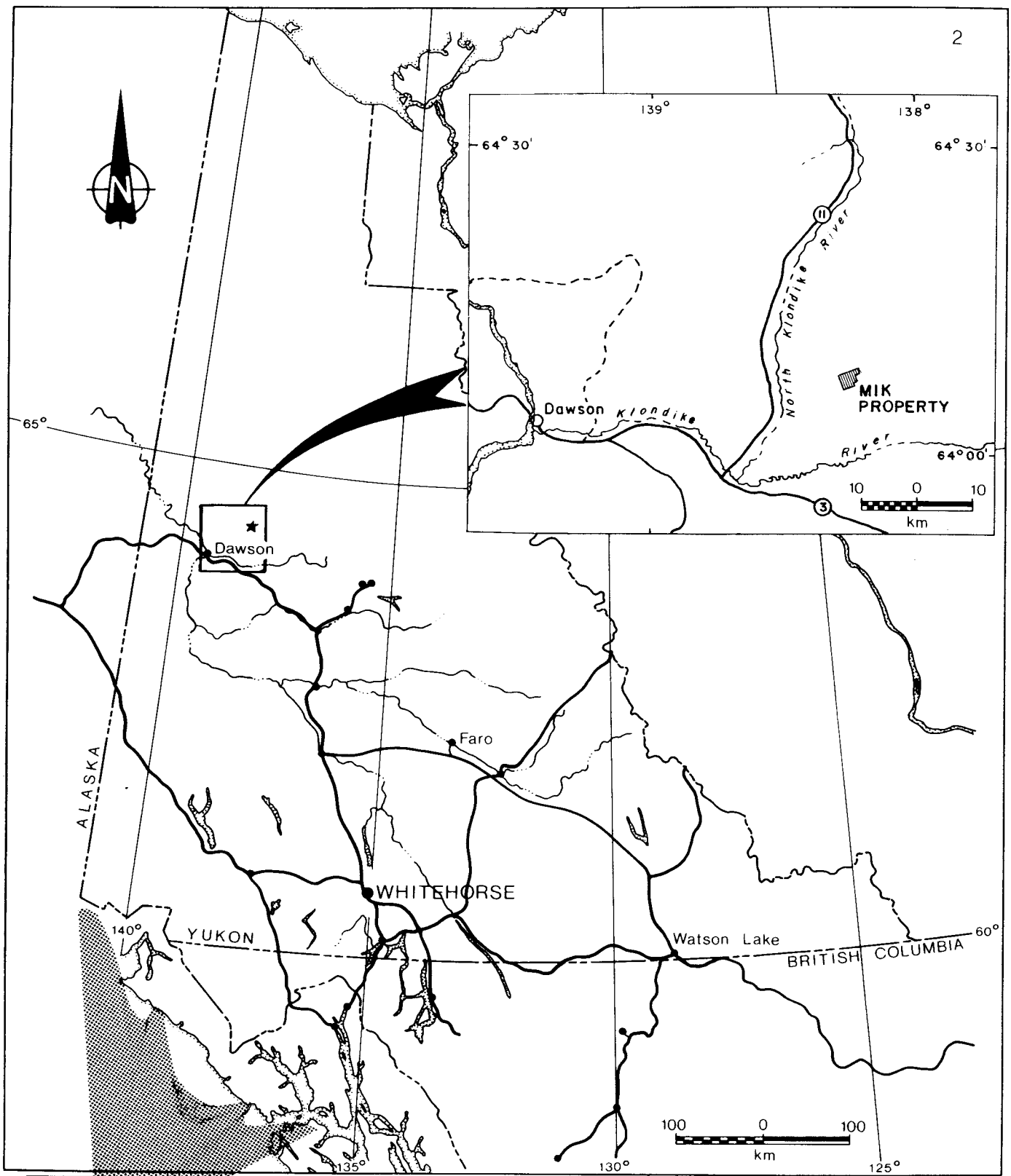
The Mik property is located in central Yukon, about 57 kilometers northeast of Dawson City (Figure 1). It is accessible by helicopter. The ground is located in the headwaters of Lee Creek, a tributary of the North Klondike River.

1.3 Property

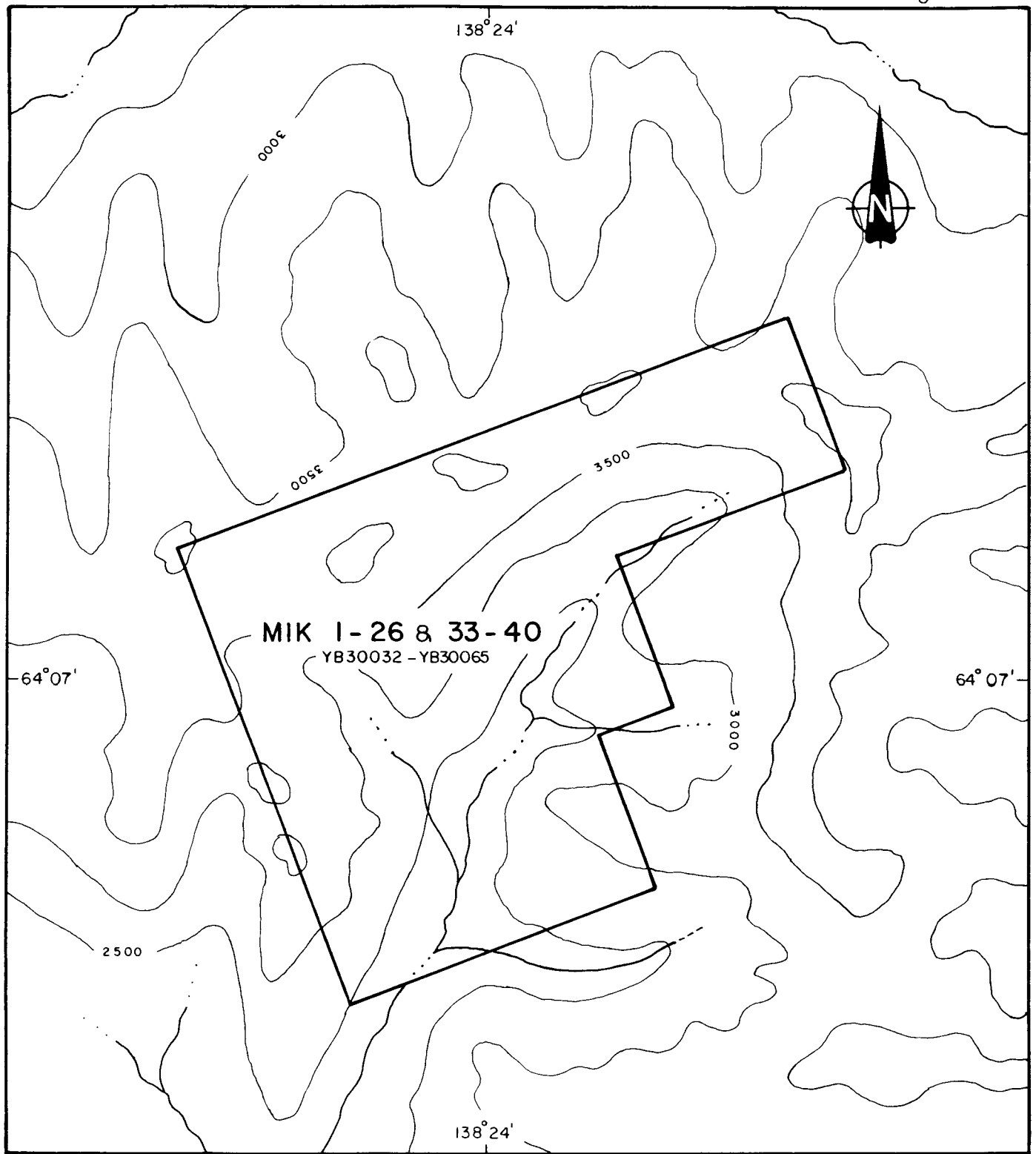
The Mik 1-26 and 33-40 mineral claims (Figure 2) were staked by Tombstone Explorations Co. Ltd. in 1989. Claim data are as follows:

Claim Name	Grant No.	Expiry Date
Mik 1-26	YB30032-57	Dec. 31, 1991
Mik 33-40	YB30058-65	Dec. 31, 1991




The claims are held in accordance with the Yukon Quartz Mining Act in the Dawson Mining District, and are shown on Claim Sheet 116-B-1.



TOMBSTONE EXPLORATIONS CO. LTD.	
MIK PROPERTY	
Dawson Mining District, Yukon	
LOCATION	
Aurum Geological Consultants Inc.	Date Feb 1991
NTS 116A & 116B	Drawn by GS Figure 1



LEGEND

-  Approximate claim group perimeter
-  Elevation contour; interval 500 feet
-  Creek

TOMBSTONE EXPLORATIONS CO. LTD.			
MIK PROPERTY			
CLAIM LOCATION			
Aurum Geological Consultants Inc.			Feb 1991
NTS 116B/1	Drawn by GS	Scale 1:32680	Figure 2

NOTE: Claim data modified from D.I.A.N.D Quartz Sheet 116B-1

1.4 History

Placer gold was first discovered in the Klondike River-Dawson area in 1896. Recorded total production exceeds 10,000,000 ounces. There are no known bedrock sources for the placer gold, and there has been no significant lode gold production in the Dawson area.

In 1989, Noranda discovered gold-antimony mineralization at Brewery Creek, 25 kilometers southwest of the Mik Property, while conducting follow-up exploration on anomalous stream sediment geochemistry (GSC Open File 2176). Exploration work, including trenching and drilling in 1989 and 1990, has outlined the potential for multiple low-grade large-tonnage heap-leachable gold deposits (MacKay, 1990).

Claims comprising the current Mik Property were staked by Tombstone Explorations Co. Ltd. in December 1989. There are no prior records of exploration being conducted on this ground.

2. GEOLOGY AND MINERALIZATION

2.1 Regional Geology

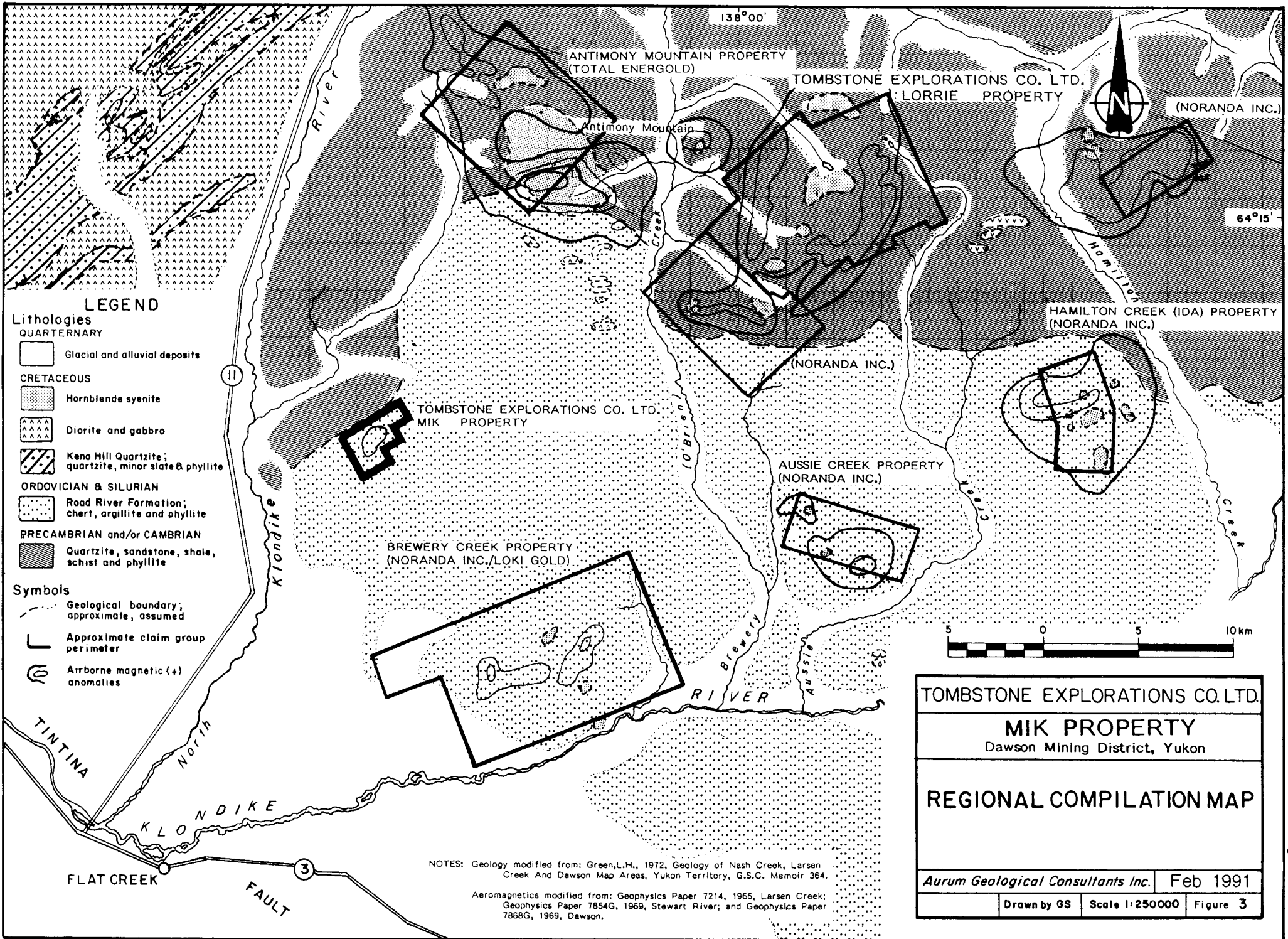
The Mik Property is situated within the Selwyn Basin northeast of the Tintina Fault, part of the Mackenzie and Rocky Mountain tectonic belt. Regional geology has been previously described by Green (1972) and Tempelman-Kluit (1980).

The Selwyn Basin is comprised of stabilized craton overlain by passive and displaced passive continental margin sediments. Sediments range in age from Proterozoic to Jurassic. Lithologies are dominantly fine grained locally calcareous clastics with minor limestone and chert. Internal structure and stratigraphy has been poorly documented. In the Mik Property area, this unit is probably equivalent to the Cambro-Ordovician Road River Formation (Kechika Group) of Cassiar Platform.

Large bodies of granitic to syenitic rocks intrude the Proterozoic-Paleozoic sediments along a northwest-southeast trending belt that includes the area of the Mik Property (Figure 3). These rocks have been assigned by Tempelman-Kluit (1980) to the mid-Cretaceous.

Contact metamorphic aureoles in sedimentary rocks enclosing intrusive stocks and plugs are biotite hornfels enriched in iron and, locally, precious metals and base metals. The aureoles have a strong positive aeromagnetic signature, with all known intrusives in the belt contained within areas of high magnetic relief. The larger intrusions have a low magnetic signature surrounded by an area of high relief related to the contact metamorphic halo. The Mik claims cover a 500 gamma positive magnetic anomaly.

Regional structure is highly influenced by the Tintina Fault, a steeply dipping, northwest trending, dextral fault mapped 20 kilometers southeast of the Mik Property. It is thought to be age-equivalent with the Cretaceous plutonic belt which parallels the Fault in the Mik Property area. Two significant north verging regional thrust faults, the Robert Service and Dawson thrusts, displace the Proterozoic passive continental sediments over the Devonian and Jurassic sediments.



- LEGEND**
- Lithologies**
- QUATERNARY**
- Glacial and alluvial deposits
- CRETACEOUS**
- Hornblende syenite
 - Diorite and gabbro
 - Keno Hill Quartzite; quartzite, minor slate & phyllite
- ORDOVICIAN & SILURIAN**
- Road River Formation; chert, argillite and phyllite
- PRECAMBRIAN and/or CAMBRIAN**
- Quartzite, sandstone, shale, schist and phyllite

- Symbols**
- Geological boundary; approximate, assumed
 - Approximate claim group perimeter
 - Airborne magnetic (+) anomalies

TOMBSTONE EXPLORATIONS CO. LTD.			
MIK PROPERTY			
Dawson Mining District, Yukon			
REGIONAL COMPILATION MAP			
Aurum Geological Consultants Inc.		Feb 1991	
Drawn by GS	Scale 1:250000	Figure 3	

NOTES: Geology modified from: Green, L.H., 1972, Geology of Nash Creek, Larsen Creek and Dawson Map Areas, Yukon Territory, G.S.C. Memoir 364.

Aeromagnetics modified from: Geophysics Paper 7214, 1966, Larsen Creek; Geophysics Paper 7854G, 1969, Stewart River; and Geophysics Paper 7868G, 1969, Dawson.

There was no geological mapping completed on the Mik property as part of the 1990 exploration program.

2.2 Mineralization

On Noranda's Brewery Creek Property, 15 kilometers southeast of the Mik Property, gold mineralization is hosted in multiple structurally disturbed syenite-sediment contact zones. Intrusive contacts may be coincident with regional thrust faults (MacKay, 1990). Reserves of 10,073,738 tonnes grading 1.80 g/mt have been reported (Loki Gold Corporation, news release January 31, 1991). The on-going exploration target at Brewery Creek is open-pittable gold mineralization.

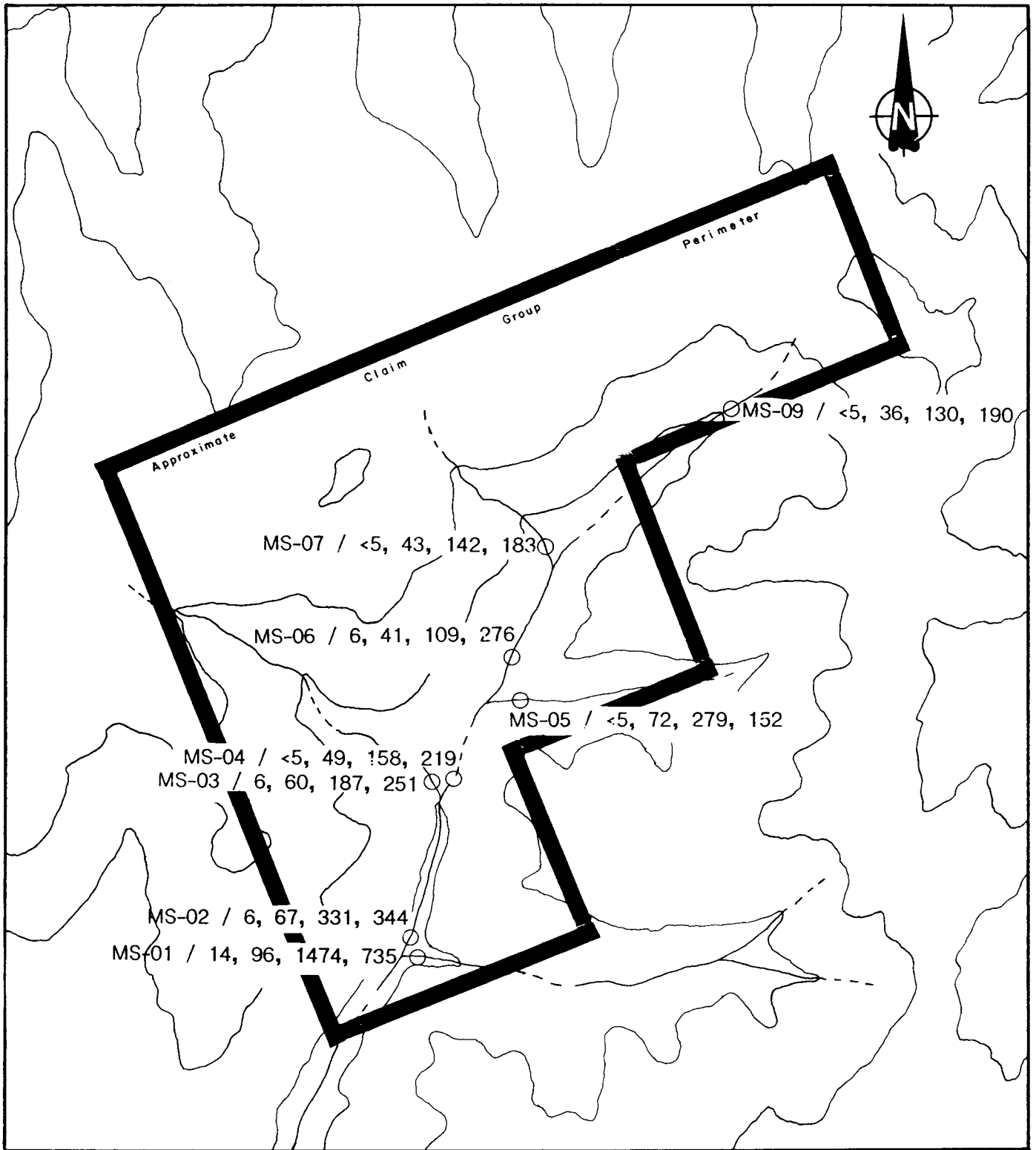
Gold mineralization on the Lorrie Property, 25 kilometers to the northeast, is hosted in multiple veins, skarns, and disseminations near intrusive contact zones (Keyser and Laudon, 1990).

There is no known mineralization on the Mik claims. Prospecting as part of the 1990 exploration program failed to identify any potential mineralized zones.

3. GEOCHEMISTRY

A total of eight conventional stream sediment samples were collected in 1990 on the Mik Property. Sampling was completed over most of the ground on a reconnaissance basis. The samples were analyzed for total gold, silver, copper, lead, zinc, molybdenum, arsenic, antimony, and mercury content by Bondar-Clegg & Company Ltd. of North Vancouver B.C.

Results of the 1990 stream sediment work (Figure 4) show low background levels for analyzed elements. A sample (MS-01) collected from the southern part of the property returned anomalous results for all analyzed elements including gold (14 ppb), copper (96 ppm), zinc (1474 ppm), and mercury (735 ppb).



LEGEND

MS-01 / 14, 96, 1474, 735

sample location, sample number /
Au ppb, Cu ppm, Zn ppm, Hg ppb

TOMBSTONE EXPLORATIONS CO. LTD.			
MIK PROPERTY			
GEOCHEMISTRY			
Aurum Geological Consultants Inc.			Feb 1991
NTS 1168/1	Drawn by GS	Scale 1:25000	Figure 4

4. CONCLUSIONS AND RECOMMENDATIONS

The Mik Property area is underlain by sediments of the Kechika Group. Known mineral occurrences in the area are associated with syenite intrusions. The geologic setting is considered to be favorable for hosting precious metal deposits.

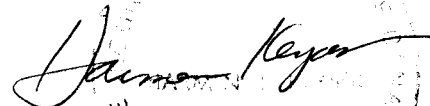
The property is a precious metals prospect. Known contact zones at nearby mineral occurrences produce distinct aeromagnetic anomalies, similar to an anomaly present on the Mik Property. The magnetic anomaly is therefore suggestive of an underlying, as yet unmapped, intrusive body. Although no mineralization has been identified to date, a multi-element stream sediment anomaly closely coinciding with the southeastern margin of the aeromagnetic anomaly may indicate bedrock mineralization associated with an intrusive contact zone.

Results of the 1990 exploration work on the Mik Property warrant additional mineral exploration. The following work is recommended:

1. Acquire additional ground by staking more claims to the east of the current property, to cover the headwaters of the small creek which returned anomalous geochemical results.
2. Additional prospecting, mapping, and geochemical sampling of the entire property is required. Special attention must be paid to identifying potential intrusive contact zones, alteration, structure, and mineralization.

Any additional work (gridded soil geochemistry, geophysics, trenching, etc.) is contingent on results of the above program.

Respectfully submitted,
Aurum Geological Consultants Inc.



Harmen J. Keyser, B.Sc., FGAC

February 11, 1991

5. REFERENCES

- Green, L.H.; 1972:
Geology of Nash Creek, Larsen Creek, and Dawson Map-Areas,
Yukon Territory, G.S.C. Memoir 364.
- Keyser, H.J. and J.L. Laudon; 1990:
Report on the 1990 Geological and Geochemical Exploration
Work on the Lorrie Property. Assessment report for Tombstone
Explorations Co. Ltd. by Aurum Geological Consultants Inc.,
November 30, 1990.
- MacKay, G.; 1990:
Brewery Creek Property. Paper presented at Whitehorse
Geoscience Forum for Noranda Exploration and Loki Gold,
November 26, 1990.
- Tempelman-Kluit, D.J.; 1980:
Geology and Mineral Deposits of Southern Yukon. In D.I.A.N.D.
Yukon Geology and Exploration 1979-80, p. 7-31.

6. STATEMENT OF QUALIFICATIONS

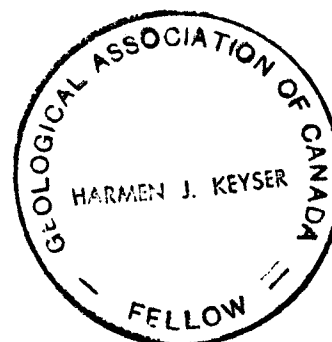
I, HARMEN J. KEYSER, hereby certify that;

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 412-675 West Hastings Street, Vancouver, British Columbia.
2. I am a graduate of Saint Mary's University with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.
3. I am a Fellow of the Geological Association of Canada (F3759) and a member of the Yukon Professional Geoscientists Society.
4. I have no direct or indirect interest in the properties or securities of Tombstone Explorations Co. Ltd.
5. I am the author of this report on the Mik Property, which is based solely on data provided by Tombstone Explorations Co. Ltd. I have not made a personal examination of the subject ground, but have been involved in other exploration programs in the area.
6. I consent to the use of this report by Tombstone Explorations Co. Ltd. for any purpose deemed necessary, provided that no portion may be used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.



February 11, 1991

Harmen J. Keyser, B.Sc., FGAC



7. STATEMENT OF COSTS

1990 Assessment Work Valuation to apply to Mik 1-26 and 33-40 claims.

A. Fieldwork (Sept. 27, 1990)

Simon Ridgway, Prospector of Dawson, Yukon 2 days @ 250/day:	\$ 500.00
Yves Gervais, Prospector of Dawson, Yukon 2 days @ 250/day:	500.00

B. Support Costs

Helicopter Charter (Capital Helicopters):	1,781.50
Geochemistry (Bondar-Clegg):	152.80
Consumables:	74.81
Meals and Accommodations:	200.00
Truck Rental:	150.00

C. Report Preparation

Reprographics, drafting, research, writing:	400.00
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Total 1990 Assessment Work Valuation, Mik Claims: \$ 3,759.11

APPENDIX
Analytical Results

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 V7P 2R5
 (604) 985-0681 Telex 04-352667



**Geochemical
 Lab Report**

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V90-36287.0 (COMPLETE)

REFERENCE INFO:

CLIENT: TOMBSTONE EXPLORATION
 PROJECT: NONE GIVEN

SUBMITTED BY: S. RIDGWAY
 DATE PRINTED: 8-FEB-91

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au 30g Gold 30 grams	8	5 PPM	Fire-Assay	Fire Assay AA
2	Ag Silver	8	0.2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
3	Cu Copper	8	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
4	Pb Lead	8	2 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
5	Zn Zinc	8	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
6	Mo Molybdenum	8	1 PPM	HNO3-HCl Hot Extr.	Ind. Coupled Plasma
7	As Arsenic	8	1.0 PPM	Not applicable	Inst. Neutron Activ.
8	Sb Antimony	8	0.2 PPM	Not applicable	Inst. Neutron Activ.
9	Hg Mercury	8	0.010 PPM	HNO3-HCl-SnSO4	Cold Vapour AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
T STREAM SEDIMENT, SILT	8	1 -80	8	DRY, SIEVE -80	8

REPORT COPIES TO: MR. SIMON RIDGWAY

INVOICE TO: MR. SIMON RIDGWAY



A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V91J-36287.0

DATE PRINTED: 8-FEB-91

PROJECT: NONF GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au 311g PPR	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	As PPM	Sb PPM	Hg PPM
T1 MS-01		14	1.2	96	11	1474	21	29.0	8.9	0.735
T1 MS-02		6	<0.2	67	7	331	5	15.0	2.3	0.344
T1 MS-03		6	<0.2	60	6	187	5	11.0	2.2	0.251
T1 MS-04		<5	<0.2	49	6	158	2	13.0	1.4	0.219
T1 MS-05		<5	<0.2	72	6	279	4	16.0	1.6	0.152
T1 MS-06		6	<0.2	41	3	109	2	8.0	1.3	0.276
T1 MS-07		<5	<0.2	43	5	142	3	10.0	1.2	0.183
T1 MS-09		<5	<0.2	36	3	130	2	8.5	1.4	0.190