ASSESSMENT REPORT

ON GEOLOGICAL MAPPING, SILT SAMPLING AND SOIL SAMPLING OF THE TUK, TAT 5, 6 & 7 AND BRITT 1 & 2 MINERAL CLAIMS

Liard Mining Division, British Columbia
NTS 104G 9E/W and 16 E/W
Latitude: 57° 45' N
Longitude: 130° 16' W

for

ASCOT RESOURCES LTD.
Vancouver, B.C.

20,687

by

David T. Mehner, M.Sc., FGAC
KEEWATIN ENGINEERING INC.
#800 - 900 West Hastings Street
Vancouver, B.C.
V6C 1E5

December 17, 1990

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INTRODUCTION

The Tuk, Tat and Britt Mineral Claims are located on the Klastline Plateau within the Stikine Arch of northwestern British Columbia. They were staked in 1989 to cover ground thought to have excellent potential for hosting porphyry Cu-Au mineralization or precious metal rich veins which commonly occur peripheral to these deposits.

In 1990, Keewatin Engineering Inc. was contracted by Ascot Resources Ltd. to conduct reconnaissance exploration over the properties and assess their potential for porphyry Cu-Au or precious metal vein mineralization.

Field work was carried out from a camp established on the south end of the Klastline Plateau, 18 km southwest of Tatogga Lake Lodge.

Location and Access

The three properties are located in the Stikine region of northwestern British Columbia approximately 200 km north of Stewart, B.C. (Figure 1).

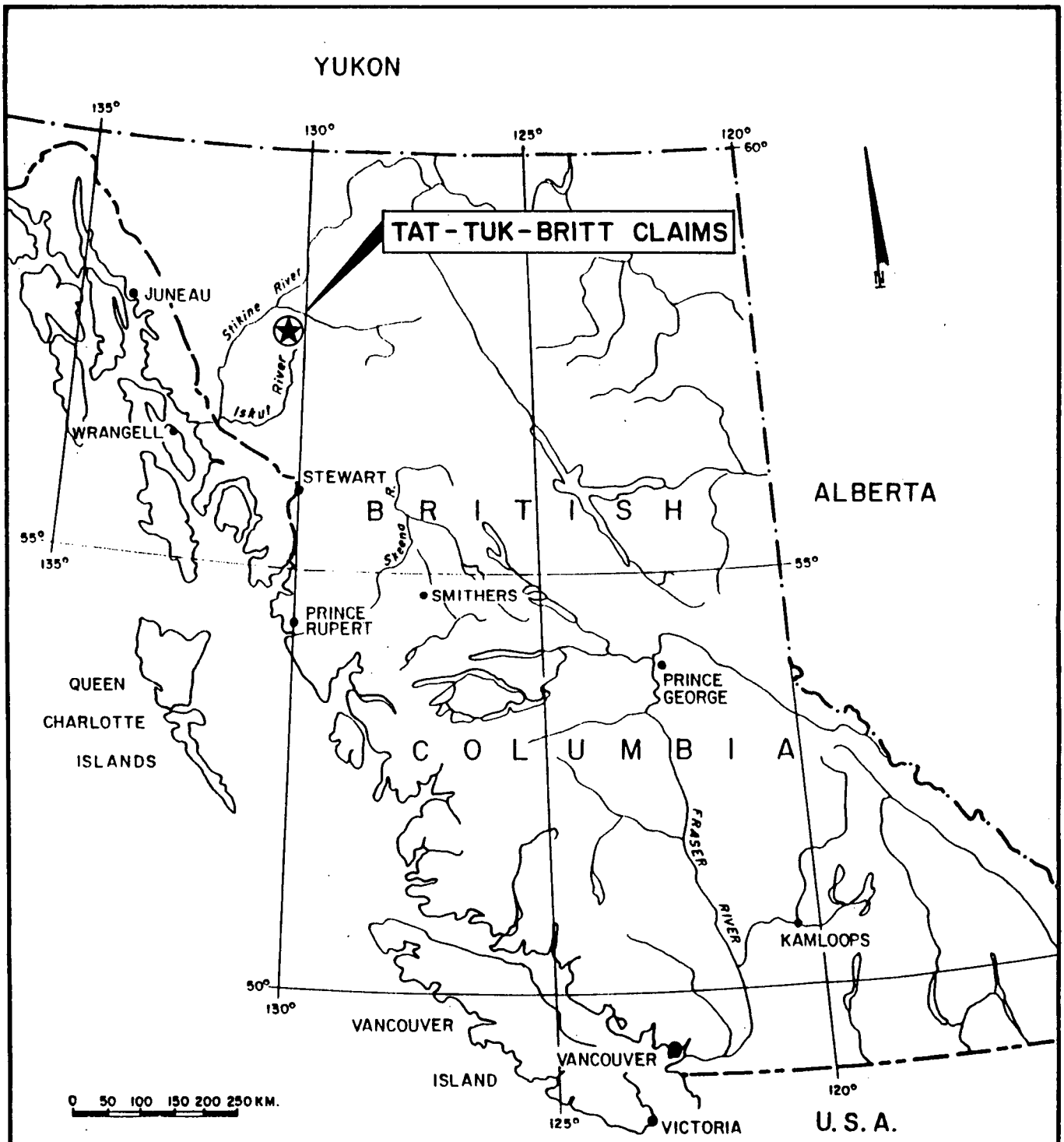
The Tat 5-7 claims are 8.5 km west of Kinaskan Lake and 28 km southwest of Iskut Village at 57° 39' North latitude and 130° 17' West longitude (Figure 2).

The Britt claims are centred 16 km west of Eddontenajon Lake and 19 km southwest of Iskut Village at 57° 45' North latitude and 130° 16' West longitude.

The Tuk claim is centred 10 km west of Eddontenajon Lake and 10 km southwest of Iskut Village at 57° 49' North Latitude and 130° 09' West longitude.

The Tuk is located on NTS map sheet 104G, 16E. The Tat is on 104G, 9E/W and the Britt is on 104G, 9E/W.

Access to the properties is via helicopter from Tatogga Lake Lodge, a resort situated 15 km south of Iskut Village and east of all three properties. Distances are 19 km to the Tat, 16 km to the Britt and 15 km to the Tuk. Both the Lodge and Iskut Village are situated on the Stewart-Cassiar Highway. The proposed B.C. Rail extension to Dease Lake is about 32 km east of Kinaskan Lake.



PROPERTY LOCATION MAP

Figure 1

KEEWATIN ENGINEERING INC.

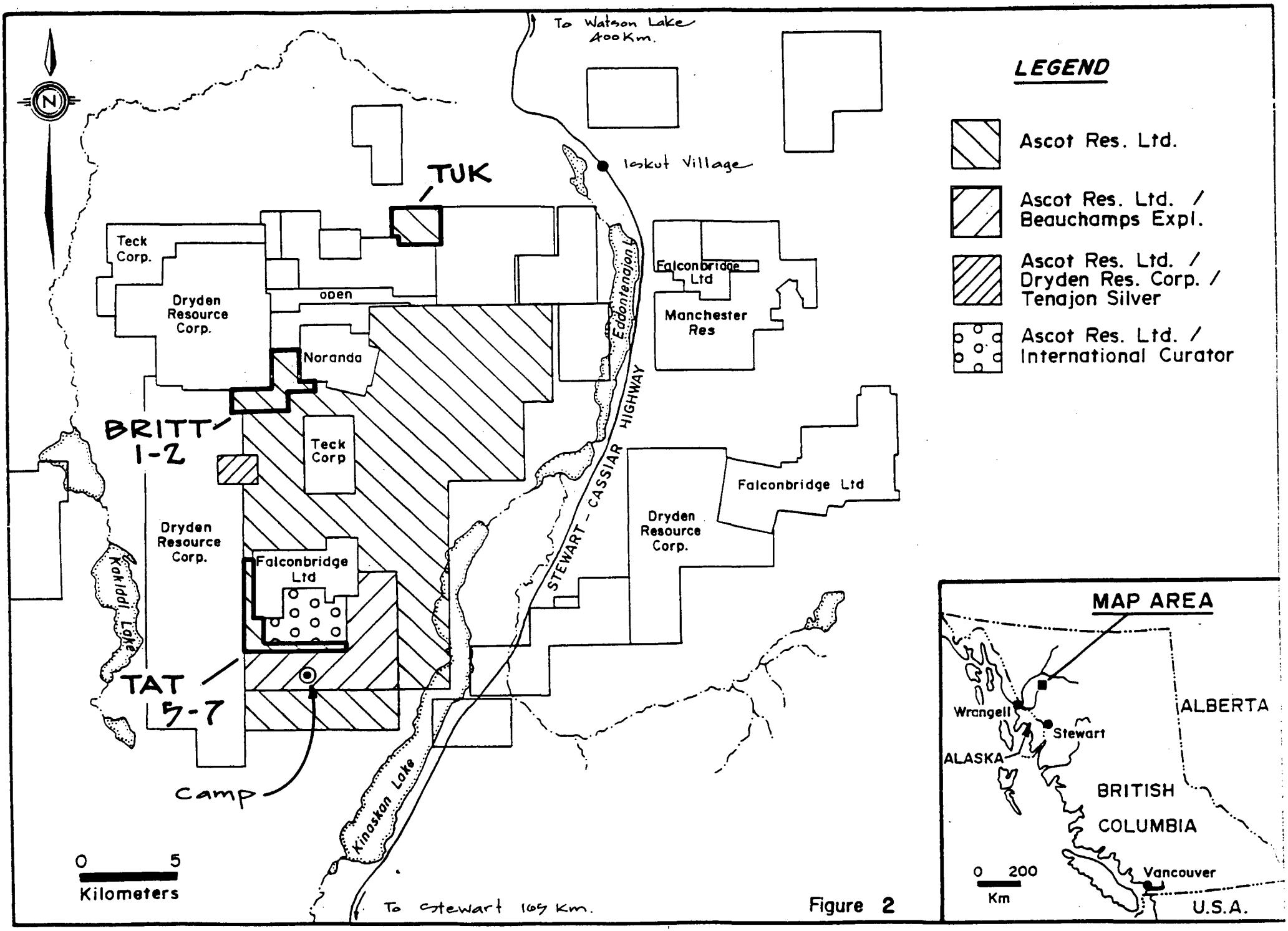

To Watson Lake 400 Km.
Iskut Village
TUK
Teck Corp.
Dryden Resource Corp.
open
Noranda
Falconbridge Ltd
Manchester Res
Eddontenajon
BRITT 1-2
Teck Corp
Falconbridge Ltd
Dryden Resource Corp.
STEWART - CASSIAR HIGHWAY
Dryden Resource Corp.
Falconbridge Ltd
Kaddi Lake
TAT 5-7
Camp
Kinaskan Lake
0 5
Kilometers
To Stewart 105 Km.
LEGEND
Ascot Res. Ltd.
Ascot Res. Ltd. / Beauchamps Expl.
Ascot Res. Ltd. / Dryden Res. Corp. / Tenajon Silver
Ascot Res. Ltd. / International Curator
MAP AREA
Wrangell
Stewart
ALASKA
ALBERTA
BRITISH COLUMBIA
Vancouver
0 200
Km
U.S.A.

Figure 2

Topography

The Tat claims cover an "L" shaped section of land which encompasses a narrow and relatively flat strip atop the Klastline Plateau and a north-south piece which occurs along the west facing slopes on the edge of the plateau. Elevations range from 5,200 feet above sea level on the Tat 7 claim in the south to 3,800 feet above sea level on Tat 6 in the extreme southwest corner of the property (Map 1).

The Tuk claims cover a portion of the plateau where two deeply incised creeks have aided in forming a northeast-southwest oriented ridge with steep southeast and northwest facing slopes. Elevations vary from 6,400 feet above sea level in the extreme northwest corner of the claim to 3,900 feet above sea level at the LCP in the northeast corner of the property (Map 2).

The Britt 1 and 2 claims cover a portion of the Klastline Plateau that is dissected by the northwest draining, Quash Creek Valley. The southern half of the property is quite rugged and is characterized by steep north, northeast and northwest facing slopes. Elevations vary from 4,000 feet above sea level along Quash Creek in the west to 6,700 feet above sea level at the very south edge of the property atop the Klastline Plateau (Map 3).

Vegetation consists of swamp grass in the low areas, willows and alders along lower creek valleys and spruce and pine along the slopes. Sub-alpine scrub meanders through the property at about the 4,300 foot level. Tree line is about 4,500 feet above sea level.

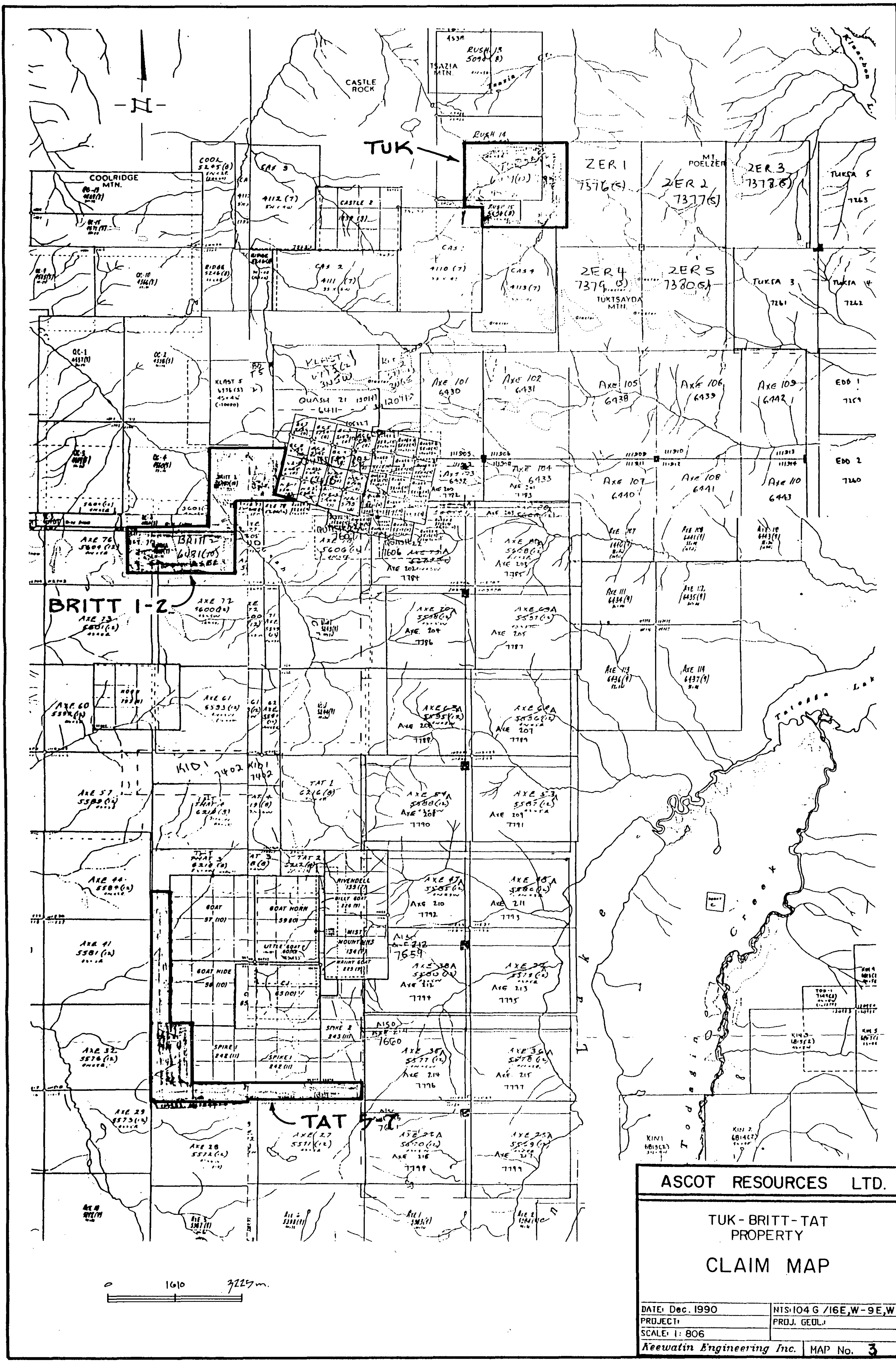
Remnant glaciers occupy north facing cirques on the western portion of the Britt 2 claim.

Precipitation is moderate, averaging 100 cm per year. Thick accumulations of snow are common during winter. It is seldom possible to begin surface geological work before July and difficult to continue past September.

Property and Ownership

The Tat, Tuk and Britt properties are located in the Liard Mining Division of British Columbia (Figure 3). The claims are owned 100% by Ascot Resources Ltd. with offices at 800 - 900 West Hastings Street, Vancouver, B.C., V6C 1E5.

The properties consist of the following claims:



ASCOT RESOURCES LTD.

TUK-BRITT-TAT PROPERTY

CLAIM MAP

DATE: Dec. 1990	NTS: 104 G /16E, W - 9E, W
PROJECT:	PROJ. GEOL.:
SCALE: 1 : 806	
Keewatin Engineering Inc.	MAP No. 3

Claim Name	Record No.	No. of Units	Date Recorded	Due Date*
Tat 5	6444	6	September 24, 1989	September 24, 1992
Tat 6	6445	8	September 24, 1989	September 24, 1992
Tat 7	6446	8	September 24, 1989	September 24, 1992
Tuk	6479	20	October 2, 1989	October 2, 1992
Britt 1	6480	20	October 1, 1989	October 1, 1991
Britt 2	6481	10	October 1, 1989	October 1, 1991

* These are effective due dates after filing this report.

Previous Work and History

No mineral showings are known to exist on the claims discussed in this report nor is there any record of exploration work having taken place on them. However, all three properties are located in an area that was extensively explored for porphyry Cu mineralization in the 1970's.

Some of the better known showings or deposits that were identified during the course of this work include the Red-Chris deposit located 19 km southeast of Iskut Village, the GJ showing 27 km southwest of Iskut Village and the Q.C. deposit 21 km southwest of Iskut Village.

The Red Chris porphyry Cu-Au deposit owned by Falconbridge has published reverses of 45.2 million tons grading 0.56% Cu and 0.010 oz/ton Au (Panteleyev, 1977). The GJ property located immediately north of the Tat 7 claim and under option to Ascot Resources Ltd. has inferred geological reserves of at least 30 million tons grading 0.30% Cu equivalent or better (Mehner, 1990). The Q.C. porphyry Cu-Au deposit situated immediately east and north of the Britt claims and under option to Dryden Resource Corporation has inferred geological reserves of 150 million tons grading 0.12% Cu (Wayne Roberts, 1990, oral communication).

High grade precious metal values which likely reflect peripheral veins related to the porphyry systems have been identified 3 km southwest of the Britt claims on the Horn property (11.04 oz/ton Ag over 45 m x 4.2 m, Phendler, 1980) and 10 km west-southwest of the Tuk claims on the Q.C. property (0.680 oz/ton Au and 6.81 oz/ton Ag over 28.0 m x 1.40 m at the Gordon Showing). In addition, a gold rich shear zone striking northwest-southeast and traceable for up to 7 km has been

identified on the Castle property 2 km southeast of the Tuk claim (K. Konchin, 1990; oral communication).

The most recent exploration activity in the area was initiated in 1988 when the GSC carried out a regional stream silt sampling program (National Geochemical Reconnaissance, 1988) on the Klastline Plateau. This was followed up in 1989 by more detailed and systematic stream silt sampling, geological mapping and prospecting by Ascot Resources Ltd. and Dryden Resource Corporation.

GEOLOGY

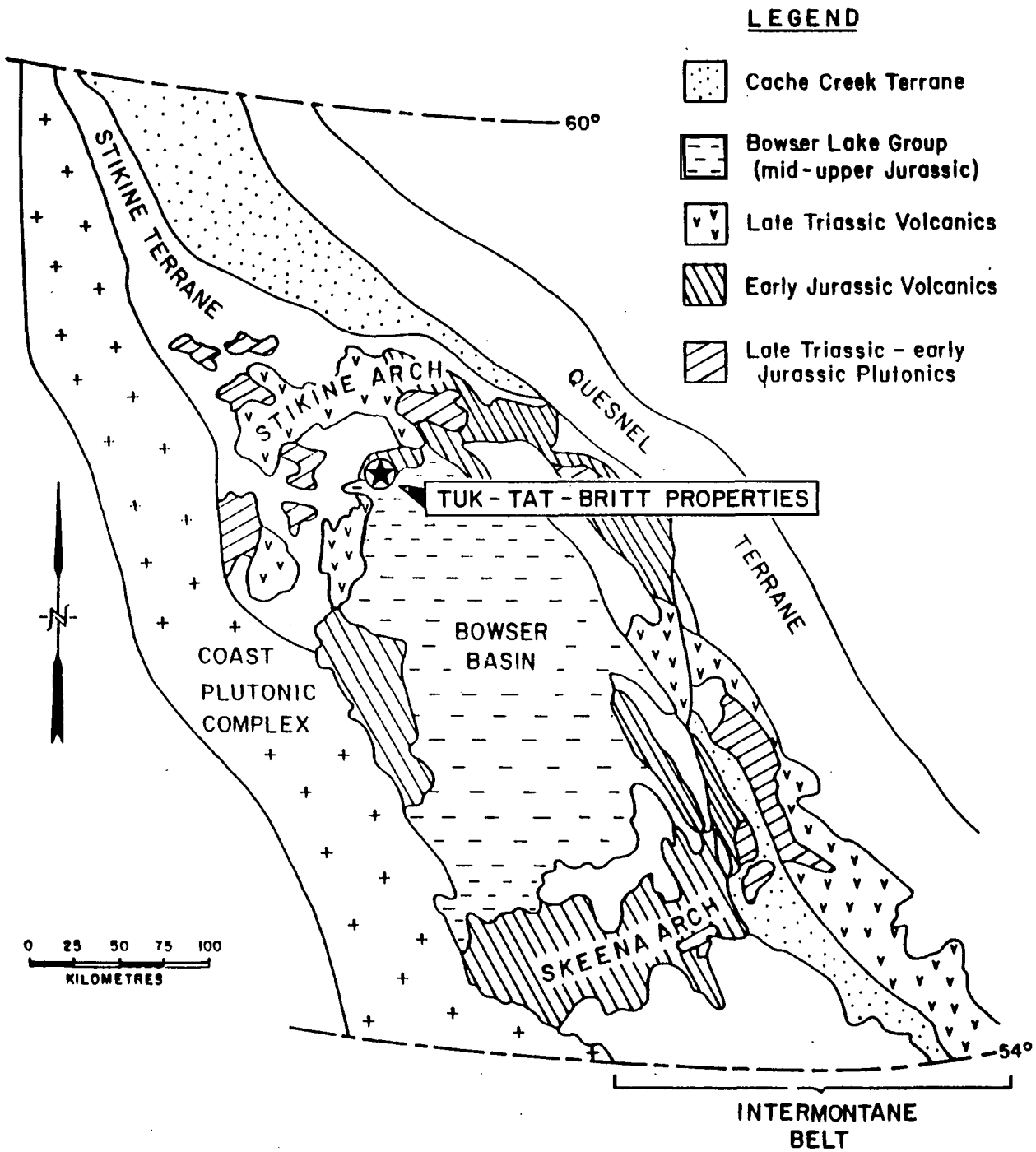
Regional Geology

The Tat, Tuk and Britt properties are located on the Klastline Plateau within the Intermontane-Tectono-Stratigraphic Belt of the Canadian Cordillera (Figure 4). The claims lie within the northeast half of the Stikine Arch near the contact with the unmetamorphosed sediments of the Bowser Basin.

The northern half of the Klastline Plateau (Figure 5) has been mapped as Upper Triassic augite-andesite flows, pyroclastics and derived volcaniclastics ranging from conglomerates down to siltstones (Souther, 1971). Minor limestone and chert occur within the stratigraphy. Related coeval intrusives cut all rock types. A regional fault trending northeasterly passes through the centre of the Kakiddi Lake and intersects the Iskut Valley fault zone at the north end of Kinaskan Lake. To the south of the fault the G.S.C. mapped the rocks as a downthrown sequence of Middle Jurassic basalt pillow lavas, fragmentals and proximal volcaniclastic rocks intruded by coeval plutons. Subsequent K-Ar and Rb-Sr age dating (Schmitt, 1977) has yielded intrusive ages of 185 to 195 million years for the intrusive rocks south of the fault, suggesting the volcanic rocks are similar in age to the Upper Triassic stratigraphy north of the fault.

South of the volcanic units are chert pebble conglomerate, grit, greywacke and siltstone of the Middle to Upper Jurassic Bowser Group.

Intruding Upper Triassic volcanics are massive and flow banded rhyolite, orbicular rhyolite and massive felsite of Upper Cretaceous to Lower Tertiary age.

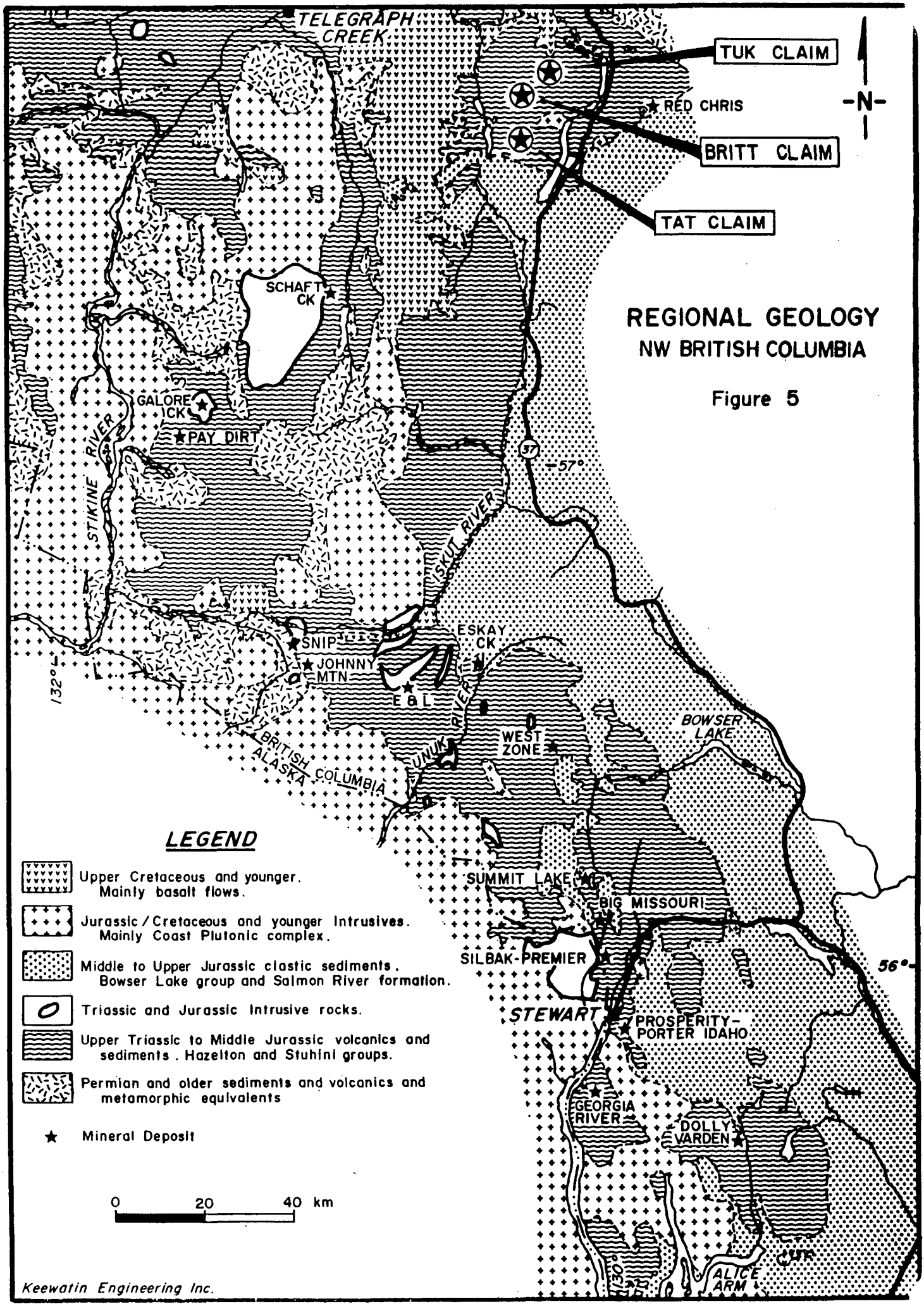


REGIONAL GEOLOGY
BOWSER BASIN
NW BRITISH COLUMBIA

(Outline of terrane boundaries and major rock groups of the Jurassic and Triassic – modified from Thomson, 1985).

Figure 4

KEEWATIN ENGINEERING INC.



REGIONAL GEOLOGY
NW BRITISH COLUMBIA

Figure 5

Capping Upper Triassic stratigraphy on the southern portion of the Plateau are Upper Tertiary basalt and olivine basalt flows. These often exhibit excellent columnar jointing.

Property Geology

Minimal geological mapping was carried out over the Tuk and Britt claims during the course of the property work. No mapping was conducted on the Tat claim.

On the Tuk (Map 2) mapping along the ridge and part of the north facing slope indicates Upper Triassic andesite flows are cut by a medium to fine grained hornblende diorite plug or dyke. The intrusive is highly magnetic.

On the Britt property mapping was restricted to a few short traverses on the claims north of Quash Creek (Map 3). In this region well bedded but contorted Upper Triassic argillite, siltstone and greywacke seem to be unconformably overlain by andesite flows and interflow andesite conglomerates.

Geological mapping of the Tat 5-7 claims in 1989 (Mehner, 1990) shows the underlying stratigraphy to consist of interlayered augite basalt porphyry and andesite porphyry flows with an interbedded assemblage of siltstone, greywacke, grit and polymictic volcanic conglomerate. Minor interbedded tuffs, tuff breccias argillite and chert also underlie the claims.

Mineralization

On the Tuk claim (Map 2) calcite-quartz veining containing disseminated chalcopyrite, malachite, azurite and pyrite were found along the ridge top in the southern half of the property. The quartz veins are typically 2 cm wide although veins to 20 cm wide and traceable over 100 metres up slope were noted. Most of the veining occurs in andesite flows near the contact with the diorite plug.

Minimal rock sampling indicates the veins contain highly anomalous Cu values to 74,919 ppm as well as elevated Ag (to 11.7 ppm) and Au (to 5,800 ppb) values. One rock sample yielded anomalous Mo (51 ppm) values as well.

The style of mineralization observed including the elevated gold values associated with chalcopyrite in narrow quartz-calcite veins is typical of porphyry Cu-Au mineralization in the Klastline Plateau area.

On the Britt property, mineralization appears limited to weak (<<1%) malachite and pyrite in narrow (<2 cm) calcite veins and fracture fillings within tightly folded sediments.

No mineralization is known on the Tat 5-7 claims.

Alteration

On the Tuk property weak propyllitic alteration consisting of epidote and calcite fracture filling is present in the area examined. Iron gossans resulting from oxidized pyrite are developed in the area with quartz veins. Magnetite veins and local flooding (to 10%) is found within the diorite.

On the Britt property very minor epidote fracture filling combined with calcite fracture filling are the extent of alteration.

Structure

On the Tuk claims significant structure is not apparent. Jointing and weak foliation in the andesites near the diorite contact are the extent of structural readings.

On the Britt claims an apparent unconformity exists between tightly folded, crenulated and fissile argillites, siltstones and greywackes and overlying andesite flows. No other significant structures were observed on the property.

GEOCHEMISTRY

Sampling

During the 1990 field season fifty-nine soils, fourteen silts and seventeen rock samples were collected from the three properties. The soils were taken with a mattock from the "B" horizon wherever present. Samples were collected in kraft sample bags and sample sites were flagged with

red and blue flagging. Tyvek tags were used for recording the sample number and co-ordinates on site.

Silts were taken from active stream beds whenever possible. Samples were collected in kraft sample bags and sample sites were flagged with red and blue flagging.

Rock samples of outcrop or float were taken on the most prospective looking material, usually with visible sulphides and or good alteration.

Analyses

All samples were sent to Min-En Laboratories Ltd. in Smithers, B.C. where they were processed and analyzed for gold. Pulps were forwarded to Min-En Laboratories Ltd.'s in Vancouver, B.C. for 7 element I.C.P. plus Hg analysis.

Analytical procedures used by Min-En are outlined in Appendix III.

Results

i) Tat Claims

During the 1990 program, fifty-eight soils and one silt sample were taken from the property between the 4,400 and 4,700 foot elevation contours.

The results for the soil samples are quite low and provide no indication of underlying mineralization. The complete soil geochemistry results are given in Appendix IV and sample descriptions are in Appendix V. Sample locations and results are plotted on Maps 1 and 4 to 6. A summary of values is as follows:

Copper (Map 1):	Range 7-97 ppm
Lead (Map 4):	Range 8 - 53 ppm
Zinc (Map 4):	Range 35 - 194 ppm
Silver (Map 5):	Range 0.3 - 2.7 ppm
Gold (Map 1):	Range 1 - 20 ppb
Arsenic (Map 6):	Range 1 - 54 ppm

Mercury (Map 6):	Range 105- 935 pb
Antimony (Map 6):	Range 1 - 13 ppm
Molybdenum (Map 5):	Range 1 - 5 ppm

Silt sample V-01 also yielded low geochemistry values. The results are as follows: 79 Cu, 28 Pb, 82 Zn, 0.6 Ag, 1 Au, 79 As, 170 Hg, 1 Sb, 3 Mo. Gold and Hg values are in ppb. The remaining results are in ppm.

ii) Tuk Claims

As part of the Tuk claim evaluation four silts, one soil and eleven rock samples were collected. The silts were collected from two, small, north flowing drainages (Map 7). Three of the samples collected from one creek yielded elevated Cu and Au values to 239 ppm and 168 ppb respectively. Values for other elements as well as those from the fourth silt sample are low.

Complete silt geochemistry results are given in Appendix VI and sample descriptions are in Appendix VII.

Soil sample FS-03 was taken from an area underlain by altered and weakly pyritized hornblende diorite (Map 2). The sample yielded elevated Pb (342 pm), As (2,923 ppm), Hg (4,650 ppb), Sb (75 ppm) and Mo (33 ppm) values.

Rock samples of outcrop and float yielded highly anomalous Cu values of between 907 ppm and 74,919 ppm for nine of the eleven samples taken. The elevated results which come from an area 1,000 metres x 400 metres are underlain by both andesite flows and a diorite plug (Map 2).

In addition to copper, three rocks returned anomalous gold values of 841 ppb, 1,810 ppb and 5,800 ppb. Elevated silver values of 5.3 ppm to 11.7 ppm were obtained from five samples, zinc numbers of 665 ppm and 1,192 ppm were returned by two rocks and one sample ran 51 ppm molybdenum. All of the anomalous samples were of quartz-calcite veining within flows or intrusive. Complete rock geochemistry results are available in Appendix VIII and sample descriptions are in Appendix IX.

A summary of rock geochemistry results follows:

Copper:	Range 85 ppm - 74,919 ppm
Lead:	Range 10 ppm - 81 ppm
Zinc:	Range 4 ppm - 1,192 ppm
Silver:	Range 1.2 ppm - 11.7 ppm
Gold:	Range 21 ppb - 5,800 ppb
Arsenic:	Range 1 ppm - 84 ppm
Mercury:	Range 90 ppb - 595 ppb
Antimony:	Range 1 ppm - 80 ppm
Molybdenum:	Range 1 ppm - 51 ppm

iii) Britt Claims

During the 1990 exploration program, nine stream silts and six rock samples were collected from the property (Map 3).

The stream silts yielded low results for all nine elements analyzed. A complete list of silt geochemistry results is available in Appendix X and sample descriptions are in Appendix XI. A summary of stream silt geochemistry results is as follows:

Copper:	Range 75 ppm - 175 ppm
Lead:	Range 1 ppm - 32 ppm
Zinc:	Range 65 ppm - 142 ppm
Silver:	Range 1.0 ppm - 2.8 ppm
Gold:	Range 1 ppb - 20 ppb
Arsenic:	Range 1 ppm
Mercury:	Range 50 ppb - 240 ppm
Antimony:	Range 1 ppm
Molybdenum:	Range 1 ppm

Rock sampling of float and outcrop yielded elevated copper values for five samples of between 514 ppm and 1,926 ppm from malachite bearing calcite veins in tightly folded sediments (Map 3). Samples BR-01, BR-02 and NN-200 are particularly anomalous with copper values of 1,926 ppm, 987 ppm and 1,249 ppm respectively. Geochemistry values for other elements are low.

Complete rock geochemistry results are in Appendix XII and sample descriptions are in Appendix XIII. A summary of results follows:

Copper:	Range 132 ppm - 1,926 ppm
Lead:	Range 6 ppm - 184 ppm
Zinc:	Range 27 ppm - 97 ppm
Silver:	Range 0.9 ppm - 4.6 ppm
Gold:	Range 1 ppb - 40 ppb
Arsenic:	Range 1 ppm - 49 ppm
Mercury:	Range 85 ppb - 440 ppb
Antimony:	Range 1 ppm - 8 ppm
Molybdenum:	Range 1 ppm

CONCLUSIONS

Preliminary prospecting, rock sampling and stream silt geochemistry all indicate the presence of copper with gold mineralization on the Tuk property. These results combined with geology indicate the property has excellent potential for hosting economic porphyry Cu-Au or precious metal vein mineralization.

Preliminary prospecting and stream silt geochemistry have provided no indication of significant alteration or mineralized zones on the Britt property. Minimal rock sampling indicates minor copper mineralization exists on the north part of the property but it appears to be weak in extent and not accompanied with gold.

Contour soil sampling on the Tat claims failed to provide any indications of economic mineralization on the Tat 5 -7 claims.

RECOMMENDATIONS

More detailed follow-up including prospecting, geological mapping and soil sampling is recommended for the Tuk property in order to delineate the size and grade of the mineralized system on the claim and identify specific targets within the system for trenching and diamond drill testing.

No further work is recommended for the Tat 5-7 claims or the Britt claims.

Respectfully submitted,

KEEWATIN ENGINEERING INC.

David T. Mehner, M.Sc., FGAC

REFERENCES

Forsythe, J.R., Peatfield, G.R., Gasteiger, W.A. and Donnelly, D.A. 1977. Report on Geochemical and Geophysical Surveys, Diamond Drilling and Supporting Work on the Groat Creek Claims, Liard Mining Division. B.C. Dept. of Mines and Petroleum Resources, Assessment Report 6541.

Mehner, D.T., 1990. Assessment Report on Geological Mapping and Contour Soil Sampling of the Horn Mineral Claim, Liard Mining Division, B.C.

Mehner, D.T., 1990. Assessment Report on Overburden Drilling, Geological Mapping, Prospecting and Stream Silt Sampling of the GJ Property, Liard Mining Division, B.C.

National Geochemical Reconnaissance, 1:250,000 Map Series, 1988. Geological Survey of Canada, Open File.

Panteleyev, A. 1977. Red-Chris Deposit (104H/12W) in Geology in British Columbia, 1976. British Columbia Department of Mines and Petroleum Resources, Victoria, pp. 125-127.

Phendler, R.W., 1980. Report on the Horn and Big Claims (covering the SF and QC Prospects), Liard Mining Division, B.C. Unpublished Company Report for ERL Resources Ltd.

Schmitt, H.R. 1977. A Triassic-Jurassic Granodiorite Monzodiorite Pluton South-East of Telegraph Creek, B.C. Unpublished B.Sc. Thesis, University of British Columbia, Vancouver, 91 pp.

Souther, J.G. 1971. Telegraph Creek Map-area, British Columbia. Geological Survey of Canada, Paper 71-44.

APPENDIX I

Statement of Expenditures

STATEMENT OF EXPENDITURES

for Work on the Tuk, Britt 1-2 and Tat 5, 6 & 7 Mineral Claims

Salaries			
Dave Mehner, Senior Geologist	1.0 days @ $375/day	$ 375.00	
Marty Bobyn, Project Geologist	2.0 days @ $325/day	650.00	
Jason Miller, Geologist	1.0 days @ $275/day	275.00	
Bob Ryziuk, Technician	1.0 days @ $300/day	300.00	
Mike Skeoch, Prospector	4.0 days @ $240/day	960.00	
Dan Perrett, Prospector	1.0 days @ $250/day	250.00	
Andy Dupras, Prospector	1.0 days @ $325/day	325.00	
Grant Nagy, Sampler	1.0 days @ $250/day	250.00	
Kurt Kauss, Sampler	1.0 days @ $225/day	225.00	
Keith Louie, Sampler	1.0 days @ $175/day	175.00	
Trevor Shepard, Sampler	3.0 days @ $175/day	525.00	
Andy Muirhead, Draftsperson	1.0 days @ $240/day	240.00	
Verna Jordan, Cook/First Aid	4.0 days @ $250/day	1,000.00	
			$ 5,550.00
Accommodation & Food	25.0 man days @ $60/day		1,500.00
Equipment Use	21.0 man days @ $15/day		315.00
Helicopter* (including fuel)	3.0 hours @ $670/hour		2,010.00
Vehicles All Terrain Vehicle	2.0 days @ $50/day		100.00
Geochemistry*			
Soils	59 samples @ $10.00 ea.	$ 590.00	
(includes sample prep., Au fire geochemistry, Hg analysis and 7 element ICP)			
Silts	14 samples @ $10 ea.	140.00	
(includes as above)			
Rocks	17 samples @ $12.50 ea.	212.50	
(includes analysis as above plus sample prep.)			942.50
Miscellaneous*			
Flagging, sample bags, freight, base maps, telephone			150.00
Report Writing			
D. Mehner	4.0 days @ $375/day	$1,500.00	
Typing, drafting, blueprints		480.00	
			1,980.00
Sub-Total:			**$12,547.50**
Handling Fee - 10% on Third Party Charges by Keewatin Engineering (denoted by *)			310.25
TOTAL EXPENDITURES:			**$12,857.75**

APPENDIX II

Summary of Personnel

SUMMARY OF PERSONNEL

Name	Position	Sampler Code	Dates Worked
Dave Mehner	Senior Geologist	"AA"	July 23 (½ day), September 14 (½ day), December 3, 10 (½ day), 11, 14 (½ day), 16
Marty Bobyn	Project Geologist	"F"	July 23, September 14
Jason Miller	Geologist	"O"	July 23
Bob Ryziuk	Geological Technician	"BR"	September 14
Mike Skeoch	Prospector	"U"	July 23, August 14, September 6, 14
Dan Perrett	Prospector	"DP"	August 20
Andy Dupras	Prospector	"AD"	September 6
Grant Nagy	Sampler	"NN"	September 14
Kurt Kauss	Sampler	"Y"	August 14
Keith Louie	Sampler	"CL"	August 14
Trevor Shepard	Sampler	"V"	July 23, August 14, 20
Andy Muirhead	Draftsperson		December 17
Verna Jordan	Cook/1st Aid		July 23, August 14, September 6, 14

APPENDIX III

Analytical Procedures Used by Min-En Laboratories

ANALYTICAL PROCEDURES USED BY MIN-EN LABORATORIES

Hg Analysis

Samples are processed by Min-En Laboratories at 705 West 15th Street, North Vancouver, B.C., employing the following procedures.

After drying the samples @ 30°C, soil, and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ring pulverizer.

A 0.50 gram subsample is digested for two hours in an aqua regia mixture. After cooling samples are diluted to standard volume.

Mercury is analyzed by combining with a reducing solution and introducing it into a flameless atomic absorption spectrometer. A three point calibration is used and suitable dilutions made if necessary.

ICP Analysis for Cu, Pb, Zn, Ag, As, Sb, Mo

After drying the samples at 95°C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized on a ring mill pulverizer.

0.50 gram of the sample is digested for two hours with an aqua regia mixture. After cooling samples are diluted to standard volume.

The solutions are analyzed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers.

Au Fire Geochem

A suitable sample weight; 15.00 or 30.00 grams is fire assay pre-concentrated. The precious metal beads are taken into solution with aqua regia and made to volume.

For Au only, samples are aspirated on an atomic absorption spectrometer with a suitable set of standard solutions. If samples are for Au plus Pt or Pd, the sample solution is analyzed in an inductively coupled plasma spectrometer with reference to a suitable standard set.

APPENDIX IV

Tat Soil Geochemistry Results

COMP: KEEWATIN ENGINEERING
PROJ: ASCOT-152
ATTN: R.NICHOLS/M.BOBYN

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OV-1280-SJ1+2
DATE: 90/09/05
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90-Y-152S-099	1	1.2	37	18	135	7	1	3	255
90-Y-152S-100	1	1.7	36	25	150	1	1	1	150
90-Y-152S-101	1	.9	47	27	139	54	1	2	215
90-Y-152S-102	3	1.5	61	43	93	28	1	1	205
90-Y-152S-103	2	.9	85	53	164	1	1	3	245
90-Y-152S-104	4	1.2	19	25	123	26	1	1	180
90-Y-152S-105	2	.4	40	28	96	42	1	3	141
90-Y-152S-106	1	.8	33	32	153	17	1	2	165
90-Y-152S-107	2	.9	19	23	118	6	1	1	245
90-Y-152S-108	3	.9	24	16	152	28	1	1	185
90-Y-152S-109	12	1.6	20	11	166	1	1	1	245
90-Y-152S-110	2	1.3	22	19	65	1	1	3	140
90-Y-152S-111	3	1.3	27	22	142	1	1	5	160
90-Y-152S-112	2	2.7	34	11	149	1	1	1	175
90-Y-152S-113	1	1.3	16	10	117	28	1	1	325
90-Y-152S-114	1	1.1	29	23	85	23	1	1	150
90-Y-152S-115	8	1.1	28	18	82	15	1	1	300
90-Y-152S-116	11	.9	30	20	81	26	1	1	260
90-Y-152S-117	1	1.4	16	11	43	1	1	1	325
90-Y-152S-118	10	.5	24	17	70	32	1	3	171
90-Y-152S-119	2	1.2	7	17	52	12	2	1	166
90-Y-152S-120	1	.8	24	20	83	33	13	2	935
90-Y-152S-121	2	1.1	25	34	170	26	1	2	225
90-Y-152S-122	2	1.0	29	24	107	47	1	2	205
90-Y-152S-123	1	2.5	97	8	56	1	1	1	155
90-Y-152S-124	1	.9	33	11	107	45	1	2	150
90-V-152S-215	9	.4	29	17	125	17	1	1	240
90-V-152S-216	4	.3	32	23	105	14	1	1	120
90-V-152S-217	20	.5	59	20	89	41	1	2	665
90-V-152S-218	2	.5	80	21	87	35	1	1	410
90-V-152S-219	1	.6	48	23	87	8	1	1	170
90-V-152S-220	1	.8	54	38	86	1	1	1	195
90-V-152S-221	1	.6	43	18	35	6	1	1	170
90-V-152S-222	2	1.0	33	27	101	20	1	2	615
90-V-152S-223	1	.6	49	47	98	16	1	2	330
90-V-152S-224	1	.7	28	35	115	35	1	1	175
90-V-152S-225	1	.7	24	30	115	17	1	2	125
90-V-152S-226	1	1.3	45	29	90	15	1	2	310
90-V-152S-227	2	.9	19	24	84	22	1	2	160
90-V-152S-228	1	.9	29	26	89	19	1	1	115

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0527-SJ3
DATE: 90/09/22
* SOIL * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 U 152S-010	2	1.0	44	14	86	1	1	1	225
90 U 152S-011	1	1.0	30	20	121	1	1	2	180
90 U 152S-012	2	.5	22	16	194	1	1	1	140
90 U 152S-013	2	.8	23	18	136	1	1	1	185
90 U 152S-014	3	.6	31	10	82	1	1	1	105
90 U 152S-015	2	1.1	34	15	126	1	1	1	365

APPENDIX V

Tat Soil Sample Descriptions

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: GJ #151 — Results Plotted By: T.S

Area (Grid): — Map: — N.T.S.:

Collectors: Trevor Stephenson — Date: August 90.

A angular
SA subangular
SR subrounded
R rounded

Sample Number	Sample Location: Elev meters	Sample Location: metres Station	Notes	Topography: Valley Bottom	Topography: Direction of slope (Up)	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample (cm)	Soil Data: Horizon Development Good	Soil Data: Horizon Development Poor	Soil Data: Parent Material Drift	Soil Data: Parent Material Bedrock	Soil Data: Colour
90V1515																				
059	1340	0+00	silt/sand/Gravel 30/30/40 A		W			✓						B	35	✓			✓	MB
060	1335	0+50	silt/sand/Gravel/org. 50/20/20/10 SR		W			✓						B	30	✓			✓	MB
061	1340	1+00	silt/sand/org/Gravel 30/20/20/30 SR		W			✓						B	25	✓			✓	LB
062	1345	1+50	silt/sand/Gravel/clay 40/20/10/30 A		W			✓						B	25	✓			✓	LB
063	1350	2+00	silt/Gravel 40/60		W			✓						B	30	✓			✓	LB
064	1350	2+50	silt/sand/Gravel 70/20/10 A		W			✓						B	25	✓			✓	MRB
065	1350	3+00	silt/sand/Gravel 70/20/10 A		W			✓						B	25	✓			✓	MRB
066	1390	0+00	silt/clay/Sand 50/30/20 SR		S				✓					B	25		✓		✓	DB
067	1380	0+50	silt/clay/Gravel 50/30/20 SR-SA		S				✓					B	25		✓		✓	DB
068	1395	1+00	silt/clay/Gravel 50/30/20 SR-SA		S				✓					B	25	✓			✓	DB
069	1400	1+50	silt/sand/Gravel 70/20/10		S				✓					B	25	✓			✓	MB
070	1425	2+00	silt/sand/org 80/15/15		S				✓					B	25	✓			✓	LB
071	1425	2+50	silt/sand/org 80/15/15		S				✓					B	25	✓			✓	LB
072	1425	3+00	silt/sand/Gravel 60/30/20 SA		S				✓					B	20	✓			✓	MB
073	1430	3+50	silt/clay/org 50/40/10		S				✓					A	35		✓		✓	BL
074	1430	4+00	silt/clay/org 50/40/10		S						✓			A	35		✓		✓	BL
075	1430	4+50	silt/clay/org 50/30/20		S						✓			A	40		✓		✓	BL
076	1440	5+00	silt/clay 50/50		S						✓			B	30	✓				MB
077	1440	5+50	silt/clay/Gravel 50/30/20 SA		S						✓			B	30	✓			✓	MB
078	1440	6+00	silt/clay/Gravel 60/20/20 SA		S						✓			B	30	✓			✓	MB
079	1440	6+50	silt/clay/Gravel 60/20/20 A		S						✓			B	30	✓			✓	MB
080	1440	7+00	silt/sand/Gravel 60/20/20 SA		S						✓			B	25	✓			✓	MRB
081	1440	7+50	silt/org 60/40 A		S						✓			B	20	✓			✓	MB
082	1440	8+00	silt/org 70/30 A		I						✓			B	30		✓		✓	OB
083	1440	8+50	silt/clay/Gravel 60/20/20 SA		I						✓			B	30	✓			✓	MRB
084	1440	9+00	silt/clay/Gravel 50/30/20 A		I						✓			B	25	✓			✓	MB
085	1430	9+50	silt/org/Gravel 40/20/40 A		✓						✓			B	30		✓		✓	OB
086	1430	10+00	silt/clay/Gravel 60/20/20 SR		S						✓			B	25	✓			✓	MB

KEEWATIN ENGINEERING INC.

SOIL SAMPLES

Project: ASCOT TAT

Area (Grid): 152

Collectors: C.K. / C.L.

Results Plotted By: C.K.

Map: _____ N.T.S.: _____

Date 14/8/90

Sample Number	Sample Location: Line	Sample Location: ELEV Station	Notes	Topography: Valley Bottom	Topography: Direction of slope	Topography: Hill Top	Topography: Level Ground	Vegetation: Heavily Wooded	Vegetation: Sparsely Wooded	Vegetation: Burnt	Vegetation: Logged	Vegetation: Grassland	Vegetation: Swampy	Soil Data: Horizon Sampled	Soil Data: Depth to Horizon Sample	Soil Data: Horizon Development: Good	Soil Data: Horizon Development: Poor	Soil Data: Parent Material: Drift	Soil Data: Parent Material: Bedrock	Soil Data: Colour
90Y152	S 009	1340	70 silt 20 sand 10 clay		W			✓						B	30	✓		✓		RB
	100		70 silt 20 sand 10 org		↓			✓						B	40	✓		✓		RB
	101		70 silt 30 sand		↓			✓						B	30	✓		✓		RB
	102		60 silt 30 sand 10 org		W			✓						A	40	✓		✓		LB
	103		40 silt 30 sand 30 and ↓ org		↓			✓						A	30		✓		✓	BL
5+00	104		60 silt 30 sand 10 org		↓			✓						B	30	✓		✓		RB
	105		70 silt 20 sand 10 org		↓			✓						B	30	✓		✓		RB
	106		60 silt 30 sand 10 org		↓			✓						B	30	✓		✓		RB
	107		60 silt 10 sand 30 ↓ org		W			✓						B	30	✓		✓		RB
	108		60 silt 30 sand 10 org		↓		✓	✓						B	30	✓		✓		RB
10+00	109		60 silt 30 sand 10 org		W		↓	✓						B	40	✓		✓		RB
	110		80 silt 10 sand 10 org		↓		↓	✓						B	30	✓		✓		RB
	111		70 silt 20 sand 10 org		↓		↓	✓						B	40	✓		✓		RB
	112	1340	60 silt 30 sand 10 org		↓		↓	✓						B	40	✓		✓		RB
	113	1345	70 silt 20 org 10 sand		↓		↓	✓						B	30	✓		✓		RB
	114	1320	ck bottom 60 silt 30 sand 10 org		↓		↓	✓						B	30	✓		✓		RB
	115	1345	60 silt 30 sand 10 org		↓		↓	✓						B	30	✓		✓		RB
	116	1345	70 silt 20 sand 10 org		W		↓	✓						B	30	✓		✓		LB
	117	1350	50 silt 30 sand 20 org		↓		↓	✓						B	30	✓		✓		LB
	118	1355	60 silt 40 sand		↓		↓	✓						B	30	✓		✓		LB
	119	1345	60 silt 20 sand 20 org		↓		↓	✓						B	30	✓		✓		RB
	120	1345	70 silt 30 sand 10 org		↓		↓	✓						B	30	✓		✓		RB
	121	1345	40 silt 40 org 20 sand		↓		↓	✓						A	40	✓		✓		BL
	122	1345	60 silt 30 sand 10 org		W		↓	✓						B	30	✓		✓		LRB
	123	1345	50 silt 30 sand 20 org		↓		↓	✓						B	30	✓		✓		RB
	124	1355	60 silt 30 sand 10 org		W		↓	✓						B	30	✓		✓		RB

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: #151 GJ (TAT)

Area (Grid):

Collectors: Trevor Shepherd

Results Plotted By: T.S.

Map: N.T.S.:

Date: August 1990.

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity		
90V1511-001	Elev 1440 m. Taken 10 m west of 90V1S-076. South of Joint Creek.		50	50				✓	2m	1cm	low	✓	

APPENDIX VI

Tuk Silt Geochemistry Results

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OS-0235-LJ1+2+3+4
DATE: 90/08/10
* SILT * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90-0-152 L001 NA	3	1.5	66	28	122	1	1	1	120
90-0-152 L002 TUK	168	1.7	199	33	80	1	1	1	105
90-0-152 L003 TUK	90	1.9	201	32	94	1	1	1	160
90V152 L037 NA	6	.9	127	31	106	1	1	1	145
90V152 L038	2	1.2	93	31	106	1	1	1	130
90V152 L039	5	1.4	92	26	106	1	1	1	125
90V152 L040 NA	3	1.4	79	24	75	1	1	1	125
90V152 L041	1	1.0	82	31	87	1	1	1	125
90V152 L042	4	.8	76	30	80	1	1	1	115
90V152 L043	2	.1	93	34	111	1	1	1	350
90V152 L044 NA	3	.1	85	30	99	1	1	1	170
90V152 L045 NA	33	1.0	153	49	176	1	1	1	300
90V152 L046 NA	6	2.5	104	34	167	1	1	1	165
90V152 L047 NA	13	1.1	119	17	104	1	1	1	150
90V152 L048 TUK	65	1.2	239	25	101	1	1	1	170
90V152 L049	2	.1	82	16	86	1	1	1	115
90V152 L050	1	.4	120	30	120	20	1	1	130
90NN152 L022 NA	2	.3	95	19	83	5	1	1	155
90NN152 L023 NA	1	.1	114	23	87	1	1	1	145
90NN152 L024	5	.1	100	36	101	1	2	1	230
90NN152 L025	27	.3	120	26	93	1	1	1	130
90NN152 L026	3	.2	119	80	233	1	1	1	240
90NN152 L027	2	.4	109	26	89	1	1	1	150
90NN152 L028	16	.1	117	32	105	1	1	1	155
90NN152 L029 NA	1	.1	110	28	90	1	1	1	170
90NN152 L030	4	.4	68	26	103	1	1	1	115
90NN152 L031	17	.5	98	26	99	1	1	1	145
90NN152 L032	22	.1	82	30	137	1	1	1	130
90NN152 L033	2	.1	104	23	88	1	1	1	105
90NN152 L034	1	.1	96	28	90	1	1	1	120
90NN152 L035	3	.1	125	46	202	1	1	2	160
90NN152 L036 NA	2	.2	88	25	113	1	1	1	130
90NN152 L037 NA	14	.2	106	26	137	1	1	1	155
90Y152 L001	26	.9	96	29	87	1	1	1	210
90Y152 L002	1	.8	123	34	113	1	1	1	235
90Y152 L003	2	.7	96	33	85	1	1	1	125
90Y152 L004	1	1.1	110	16	98	1	1	1	105
90Y152 L005 NA	4	1.6	90	20	90	1	1	1	100
90V152 S040	76	.7	1341	46	43	1	1	3	250
90F152 L001	9	.8	110	27	96	1	1	1	105
90F152 L002	2	.7	112	35	152	1	1	1	130
90F152 L003	76	.6	103	19	110	1	1	1	90
90F152 L004	1	.6	112	31	94	1	1	1	95
90F152 L005	2	.7	114	35	140	1	1	1	140
90F152 L006	6	.6	91	28	120	1	1	1	140
90F152 L007 NA	4	.6	97	33	118	1	1	1	215
15290'NN	2	1.4	123	46	191	1	1	1	155

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OV-1111-LJ1
DATE: 90/08/21
* SILT * (ACT:)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90F152L008 TUK	9	1.9	167	44	111	1	1	1	245
90V152L060	1	1.1	103	39	151	1	1	1	195

APPENDIX VII

Tuk Silt Sample Descriptions

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: NEW AXE CLAIMS (#152) Results Plotted By: JASON MILLER

Area (Grid): Map: N.T.S.:

Collectors: JASON MILLER Date: JULY 1990 (LATE JULY)

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity		
NA 90-0-152L-001	1755m. North edge of plateau. Small seasonal creek. Mossy					HIGH	Talus		1-2m	30cm	LOW	✓	
TBK L-002	1734m. Creek draining glacier. Flowing north.		HIGH	MOD.			talus		1-2m	5cm	MOD.	✓	
TBK L-003	1875m. " " " . Flowing north.		HIGH	MOD.			Talus		1-2m	5cm	HIGH	✓	
90V-048	Elev. 1660 M } below snow chute in andesite rock	50		50				✓	200	5	hi		
047	1550 M } bowl facing north.												

APPENDIX VIII

Tuk Rock Geochemistry Results

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/M.BOBYN

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0S-0236-RJ1+2
DATE: 90/08/10
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90Y 152 R 024 NA	61	3.7	143	8	63	1	1	1	110
90Y 152 R 025 NA	95	3.4	118	8	51	1	1	1	85
90Y 152 R 027 NA	32	1.8	74	16	55	1	1	1	210
90Y 152 R 028 NA	41	1.8	72	16	36	1	1	1	265
90Y 152 R 029 NA	72	2.4	70	8	48	1	1	1	285
90Y 152 R 030 NA	41	1.9	43	20	24	1	1	1	220
90Y 152 R 031 NA	6400	2.5	104	8	52	1	1	1	310
90Y 152 R 032 NA	21	2.5	170	8	19	1	1	1	140
90O 152 R 028 NA	11	2.8	1103	8	65	1	1	1	95
90O 152 R 029 NA	23	13.3	344	364	7127	1795	37	56	13000
90O 152 R 030 NA	6400	32.1	65080	84	123	1	68	12	145
90O 152 R 031 NA	3300	5.5	10105	28	181	52	13	12	430
90O 152 R 032 TUK	5800	11.7	74919	81	16	1	80	51	90
90O 152 R 033 TUK	82	2.7	907	25	21	1	1	1	110
90U 152 R 043 NA	236	13.4	65465	84	20	1	65	4	240
90U 152 R 044 NA	61	1.9	1687	44	45	1	1	20	400
90U 152 R 045 NA	83	2.9	639	8	74	1	1	1	140
90U 152 R 046 NA	17000	7.4	605	33	36	22593	5	1	75
90U 152 R 047 NA	164	2.7	220	8	58	81	1	1	160
90U 152 R 048 NA	280	2.8	116	8	57	326	1	1	130
90U 152 R 049 W	481	14.3	327	3287	2826	774	14	1	1750
90U 152 R 050 W	2150	264.7	2720	15026	41107	431	81	5	16625
90U 152 R 051 W	1420	133.7	33723	277	1420	262	3883	1	1490
90U 152 R 052 W	150	6.4	1034	90	220	1	65	65	270
90U 152 R 053 TUK	841	5.3	2168	68	80	17	41	2	220
90U 152 R 054 TUK	111	4.3	794	63	64	52	17	3	175
90U 152 R 055	24000	8.7	870	38	44	45	7	1	190
90U 152 R 056	781	1.5	129	19	84	1	1	1	155
90U 152 R 057	132	1.6	106	20	37	1	1	1	120
90V 152 R 005 NA	154	1.9	102	10	82	1	1	1	100
90V 152 R 006 NA	495	5.3	12114	41	16	18	11	8	135
90V 152 R 007 NA	92	2.6	387	76	295	1	1	1	125
90V 152 R 008 NA	112	2.1	298	18	21	1	1	1	140
90V 152 R 009 NA	96	1.5	85	25	68	1	1	14	125
90V 152 R 010 TUK	87	6.3	9096	30	10	7	10	1	180
90V 152 R 011 TUK	74	2.7	1414	26	4	25	4	1	110
90V 152 R 012 TUK	121	4.2	7035	20	5	1	7	1	120
90V 152 R 013 TUK	1810	7.5	29928	46	12	84	34	16	190
90V 152 R 014A	126	1.2	683	13	65	1	1	1	125
90V 152 R 014B	101	64.4	237	86	62	445	8	1	1310
90V 152 R 015	54	1.8	141	11	13	632	1	1	185
90V 152 R 016	91	1.5	66	24	15	11	1	1	150
90V 152 R 017	283	2.8	249	37	9	143	8	7	470
90F 152 R 050 W	2350	139.5	2099	3540	71259	264	44	8	21375
90F 152 R 051 W	176	3.8	72	83	1212	1	1	1	565
90F 152 R 052 W	1200	3.6	107	55	81835	550	19	10	21750
90F 152 R 053 TUK	21	6.0	4164	20	1192	1	1	1	595
90F 152 R 054 TUK	33	4.1	85	10	665	1	1	1	315
90F 152 R 055 TUK	163	1.2	3435	20	163	14	4	1	185
90F G7 001	1400	.9	47	10	151	1	1	1	820
90F G7 002	2	1.2	32	10	44	1	1	4	740

APPENDIX IX

Tuk Rock Sample Descriptions

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Ascot 152 — Results Plotted By: T. Shepherd

Area (Grid): — Map: — NTS:

Collectors: Trevor Shepherd — Date: July 1990 — Surface ✓ Underground

SAMPLE NUMBER 90V152R	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
011 TUK	Elev 6150'. taken on edge of plateau 50-100m north of 010		✓					Quartz	50 cm wide quartz vein with carbonate Chalcopyrite blebs (2%)	
012 TUK	Elev. 6050. taken below R-011.						✓		2cm wide quartz veining on andesite(?) boulders. Malachite staining and >5% chalcopyrite blebs	
013	Elev. 5870'. Sampled above slide area below R-011.		✓						2-5cm wide quartz vein containing 5-10% chalcopyrite. Malachite staining on exterior of vein & within.	
014A	Elev. 6100'. taken on north side across from Tenajon's Property		✓						Chalcopyrite & pyrite in carbonate altered andesite.	
014B	Elev. 1660m, taken next to creek above 9001525-050						✓		Quartz & felsic conglomerate with pyrite blebs. Angular float.	
015	Elev. 1680 m. Felsic boulder 12" across, above creek.						✓		Blue-gray quartz. Purple→red staining on outside. Massive pyrite & disseminated. Well rounded	
016	Elev 1710m. taken above DAR-15 (1989) 50m.		✓						Quartz/carbonate breccia with andesite fragments. Trace of pyrite and specular hematite. Vein >= 10cm wide	
017	Elev. 1740m. taken on North edge of plateau across from Tension.		✓						Gossanous quartz/carbonate zone. Rusty, yellow stained with disseminated blebs of chalcopyrite & iron pyrite.	
018	Elev. 1630m. Located next to V-S-051. North of Wolf on Axe claims		✓						Dark Brownish weathered. Dark greenish gray rock fresh. Mn. stain. Fine grain Soft. Pyrite fracture fills 2-3%.	
020	Elev. 1720. Located south of V-S-158. North of wolf plateau.		✓					Quartz.	Fine grained smoky gray quartz. High Graded Strongly weathered vuggy quartz. 3-5% chalcoPy. 2-3% Sphalerite. Malachite-azerite stain.	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: Ascot #152 — Results Plotted By: T.S.

Area (Grid): — Map: — NTS:

Collectors: Trevor Shephard — Date: July 1990 — Surface — Underground

SAMPLE NUMBER 90V152R	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
001	On south bank of						✓		Silicified intermediate volcanic with	
NA	South Axe creek.								disseminated pyrite. 3-5% pyrite blebs.	
	Elev. 1150m									
002	Elev. 1590m. located		✓						Galena, Chalcopyrite + pyrite in	
	above 0+75 on								heavily altered mafic volcanics.	
	90V152S-010 soil station									
003	Same as R-002		✓						Galena + pyrite with carbonate	
									veining + quartz veining through	
									fractures. Chlorite present.	
004	Located at 3+20								Disseminated pyrite in chert	
	on above soil line.								fractured with carbonate.	
	Elev. 1585m		✓						5-7% pyrite.	
005	Elev 5400'. Located		✓						Silicified conglomerate with much	
NA	above 90F152L-005								finely disseminated rock. Baite veining	
	on trib to Kinisken LK.								in zone.	
006	Elev. 1640m on		✓						Carbonate veining in mafic	
NA	creek east of 005								volcanic containing chalcopyrite.	
	running into Kinisken LK.								Marble work carbonate veins	
007	1400m. Axe						✓		Pyrite blebs in chert.	
NA	claims									
008	1500m. Taken		✓						Silicious volcanic. Blebs, veins	
NA	on ridge to east								+ disseminated iron pyrite.	
	of 007									
009	Elev. 1620; Taken		✓						Pod + disseminated pyrite in silicified	
NA	on north facing								volcanic. Quartz pieces in host rock.	
	side of ridge on Axe Cl.									
010	Elev. 6150'; taken		✓						2cm wide quartz/carbonate vein	
TUK	on north edge of								Contain... chalcopyrite (2%). Green andesite	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: NEW AXE CLAIMS (#152) & SHAR AREA
Area (Grid):
Collectors: JASON MILLER

Results Plotted By: JASON MILLER
Map: NTS:
Date: LATE JULY, 1990 Surface ✓ Underground

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90-0-152R-027 N A	north edge of plateau. 5363' 1635m		✓					Slightly Silicified volcanic (and)	Silicified andesite (?) with ~1% disseminated pyrite, as well as abundant staining along fractures.	
90-0-152R-028 N.A	north bank of ridge. 6160' 1868m		✓					Slightly metamorphosed andesite	Quartz-carb alteration zone. Veins average ~2-18cm wide, with minor Cpy and malachite associated with dark quartz.	
90-0-152R-029 NA	north bank of ridge 6120' 1855m		✓					andesite (?)	Fine quartz veinlets in a rusty quartz-carb altered rock. No visable sulphides. Sample taken in subcrop.	
90-0-152R-030 NA	south bank of ridge 5410' 1640m		✓					andesite (?)	Vuggy quartz veining with abundant malachite, minor azurite, and blebs of Cpy (~4-5%). Vein is ≈3cm wide. subcrop.	
90-0-152R-031 NA	north edge of ridge. 5445' 1650m		✓					andesite	Quartz vein stockwork. Veins are ≤2cm wide; average 1cm. Abundant malachite and ~2-30% blebby Cpy (interstitial). Sample #R-030	
90-0-152R-032 TUK	center of 2a bowl - small possum. Northern claim (New Axe) 6180' 1875m		✓					andesite	Small quartz veinlets with carbonate alteration 1-2cm wide with siderite and limonite. No visable sulphides.	
90-0-152R-033 TUK.	East corner of bowl. Northern claim (of New Axe). ≤860' 1775m		✓					andesite	A quartz vein (3-20cm wide) contains ~4-5% Cpy with abundant malachite and minor azurite. Continues upslope for 75m+. At least 3 veins parallel.	
90-0-152R-034	KID CLAIMS. South of Terrajon. possibley the location of 89-DAK-16. edge of bowl		✓					quartz vein unknown host	30 cm wide rusty quartz vein in amongst a quartz-carb zone ~2m wide. Small vugs are filled with lim (fem or fine qur dist)	
90-0-152R-035	Shar Area. talus on south side of creek. 5330' el		✓					brecciated volcanic crystal tuff(?)	Angular talus boulder. 50cm x 30cm. Silicified, carbonate altered volcanic breccia, ~3% diss. Cpy blebs. Limonite + minor malachite on weathered surfaces.	
90-0-152R-036	Frost heave? Talus slope. Shar area.		✓					quartz vein	Rusty quartz vein with vugs and ~2% pyrite. Abundant limonite throughout. Good boxwork	

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

Project: _____ Results Plotted By: _____

Area (Grid): _____ Map: _____ NTS: _____

Collectors: _____ Date: _____ Surface ___ Underground ___

SAMPLE NUMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	MAP SHEET
90WISZROS1	1610 m "W"		✓					cpy + As blebs	Blebbing along bedding planes, matrix is siltstone, slight malachite stains 1-2% py 3-5% cpy 2-3% As	
90WISZROS2	1540 m "W"		✓					siltstone	Gaussened zone with rare stain 295° 5-10% py no discernable sphalerite, trace Arsenic	
90WISZROS3	Tuk claim						✓	carbonate vein	Looks to be 1-2 m vein material 1-2% cpy	
TUK										
90WISZROS4	1775 " "						✓	calcite	Looks to be from a vein, malachite stained 1-2% cpy + calcite	
90WISZROS5	SnN Phat		✓					qtz, barite calcite vein	Striking Aprox 58° 2-4% cpy 2-3% py resample of AAR33, crack + fill mineralization.	
90WISZROS6	1830 " "		✓					Hornblende diorite	3-5% py diss, slightly calcareous possibly feldspars in it maybe a porphery	
90WISZROS7	1800 " "		✓					Alt Volcanic	Fracture fill py 3% extremely gaussened.	
90WISZROS8	1765		✓					Qtz Veining	Ice heave material, >5% cpy <3% py >2% sphalerite, seems to be a whole host of parallel veins here, some seem to be more gaussened than others	
90WISZROS9	1780		✓					Qtz Veining	same as WROS8 except 50 m NO strike of vein, a little more cpy + trace Galchocite	
90WISZROS10	1720 creek bottom Seester						✓	Qtz. Carb Alt	Angular float found in creek bottom 2 boulders >5% cpy >3% py, fracture fill	

APPENDIX X

Britt Silt Geochemistry Results

COMP: KEEWATIN ENGRG.
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 0V-1206-LJ1+2
DATE: 90/08/22
* SILTS * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90AA152L003 BRITT	20	2.7	107	14	142	1	1	1	90
90AA152L004 BRITT	9	1.6	79	21	116	1	1	1	160
90AA152L005 BRITT	2	1.7	67	1	85	1	1	1	205
90AA152L006 NA	18	2.0	112	1	101	1	1	1	110
90AA152L007 NA	1	1.7	127	1	74	1	1	1	160
90AA152L008	1	1.3	90	24	106	1	1	1	205
90AA152L009	1	1.3	84	9	79	1	1	1	145
90AA152L010 BRITT	1	2.8	94	1	65	1	1	1	50
90AA152L011 BRITT	6	1.7	85	1	107	1	1	1	95
90AA152L012 BRITT	1	2.4	102	1	101	1	1	1	95
90AA152L013 BRITT	1	1.4	84	14	106	1	1	1	195
90AA152L014 NA	1	1.9	76	3	104	1	1	1	80
90AA152L015 NA	1	2.8	152	11	157	1	1	1	110
90AA152L016 NA	1	1.9	136	1	81	1	1	1	95
90AA152L017 NA	2	1.4	116	7	79	1	1	1	150
90AA152L018 NA	18	2.1	99	9	167	1	1	1	180
90AA152L019 NA	1	1.7	107	4	61	1	1	1	155
90AA152L020 BRITT	1	2.9	152	1	75	1	1	1	105
90AA152L021 BRITT	1	2.2	96	18	110	1	1	1	130
90AA152L022 BRITT	1	1.6	75	11	103	1	1	1	160
90AA152L023 BRITT	2	1.8	84	1	86	1	1	1	110
90AA152L024 NA	1	2.2	165	1	106	1	1	1	105
90AA152L025 ↑	2	3.6	73	1	93	1	1	1	50
90AA152L026	1	2.0	149	1	88	1	1	1	70
90AA152L027	54	2.4	132	173	507	1	1	1	165
90AA152L028 NA	7	1.3	71	8	103	1	1	1	155
90AA152L029	15	1.4	144	61	158	1	1	1	555
90AA152L030	5	1.3	115	5	49	1	1	1	170
90AA152L031 ↓	1	1.5	92	4	51	1	1	1	85
90AA152L050 NA	4	1.5	121	23	203	1	1	1	130
90AA152L051 NA	1	1.3	148	3	66	1	1	1	130
90AA152L052 NA	1	1.4	138	2	51	1	1	1	350

COMP: KEEWATIN ENGINEERING
PROJ: 152
ATTN: R.NICHOLS/D.MEHNER

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OS-0550-SJ4
DATE: 90/09/27
• SILT • (ACT:)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	HG PPB
90-NN-152-L-500 BRITT	9	1.0	175	32	106	1	1	240

APPENDIX XI

Britt Silt Sample Descriptions

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Results Plotted By: CK

Map: _____ N.T.S.: _____

Date: 8/10/93

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Width	Depth	Velocity		
AA 152 L020	dark brown silt	100	30	10				✓	3m	40	HI		
AA 152 L021	120cm dark brown silt	20	50	30				✓	5m	30	HI		
AA 152 L022	fine light brown silt 1360m	10	30	60				✓	4m	30	HI		
AA 152 L023	1365m	10	60	30				✓	2m	50cm			
N/A 152 L024	1680m	10	60	30				✓			MOD		
N/A 152 L025	1920m LEFT CK	10	30	60									✓
N/A 152 L026	1920 m RIGHT CK							✓	2m	20	MOD		
AA N/A 152 L027	1550m dark brown silt	20	40	40				✓	1m	30	MOD		
AA N/A 152 L028	1540m light brown silt	10	60	30				✓	1m	30	MOD		
AA N/A 152 L029	1520m dry creek light brown silt	10	30	60									✓

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: Ascot #152 Results Plotted By: D.M.

Area (Grid): north Ave claims Map: N.T.S.:

Collectors: Date: August 1990

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DRY GULLY
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	Stream Width	Stream Depth	Velocity		
ODAA152													
03	Elev 1530m Slope to 230° left hand fork BRIT		50	50				✓	200	55	Hi		
04	left hand fork of above sample	80		20				✓	100	2	low		
N/A													
05	Elev 1980m right hand fork	30		70				✓	100	7	Hi		
N/A													
06	Elev 1980m left hand fork		40	60				✓	200	5	Hi		
N/A													
	Elev 1260m	50	30	20				✓	300	15	Hi		
	Elev 1240m left	20		30	40			✓	100	60	Mod		
	Elev 1240m		50	50					100	3	Hi		

KEEWATIN ENGINEERING INC.

STREAM SEDIMENTS

Project: Ascot #152 — Results Plotted By: D M.

Area (Grid): North Axe [illegible] — Map: _____ N.T.S.: _____

Collectors: Dave Mahrer Kurt Lewis Trev Sherbert — Date: August 1990

Sample Number	NOTES	SEDIMENT DATA					STREAM DATA					SPRING	DAY GULLY
		Gravel	Sand	Silt	Clay	Organic	Bank	Active	cm Width	cm Depth	Velocity		
90AA152L													
003	BRT												
004													
005													
006	N/A												
007	N/A												
008	N/A												
009													
010	Elev 1520m. Flowing north		40	30	30			✓	100	50	Hi		
BRT													
011	Elev 1390m. Colour dark green. Very fine clay silt. Lots humus.			100				✓	100	35	Hi		
BRT	Lots flows in NE												
012	Elev 1530m. Lots humus	40		40		20		✓	100	10	Hi		
BRT	Lots flows in NE												

APPENDIX XII

Britt Rock Geochemistry Results

COMP: KEEWATIN ENGINEERING
PRCJ: 152
ATTN: R.NICHOLS/D.MEHNER

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: OS-0527-RJ1+2
DATE: 90/09/22
* ROCK * (ACT:F31)

SAMPLE NUMBER	AU PPB	AG PPM	CU PPM	PB PPM	ZN PPM	AS PPM	SB PPM	MO PPM	HG PPB
90 BR 152R-001 BRITT	40	4.6	1926	31	27	49	8	1	245
90 BR 152R-002 BRITT	5	1.9	987	6	97	1	1	1	115
90 BR 152R-003 BRITT	6	1.9	132	14	46	1	1	1	440
90 OO 152R-007 T.PK.	2000	9.2	8660	33	144	2295	25	78	240
90 OO 152R-008 T.PK.	255	2.5	1003	17	29	175	5	3	60
90 U 152R-082 NA	15	106.8	33382	51	80	1	28	2	155
90 U 152R-083 BRITT	10	2.1	514	184	112	1	1	1	385
90 F 152R-085 BRITT	2	3.8	692	9	91	1	1	1	120
90 NN 152R-200 BRITT	1	.9	1249	20	53	1	1	1	85
90 152 R29201	3	1.3	127	10	47	1	1	1	65
90 152 R29202	9	1.1	319	26	30	1	1	1	85
90 152 R29203	8700	9.6	36698	48	17	1	41	1	25
90 152 R29204	252	2.1	4974	23	27	1	1	1	65
90 152 R29205	47	.9	411	22	51	1	1	1	75
90 152 R29206	12	.7	265	16	52	1	1	1	65
90 152 R29207	4	1.0	133	22	52	1	1	1	80
90 152 R29208	27	2.6	5987	36	50	7	10	1	45
90 152 R29209	2	2.0	3212	22	59	6	4	1	55
90 152 R29210	5	1.5	156	29	28	2	2	2	140
90 152 R29211	3	1.5	117	31	41	23	1	1	210
90 152 R29212	4	1.0	70	33	48	26	1	3	60
90 152 R29213	3	1.8	139	31	81	1	1	2	195
90 152 R29214	4	1.0	109	42	52	1	1	1	85
90 152 R29215	346	13.3	26168	68	100	13	30	1	235
90 152 R29216	10	.6	244	21	45	1	1	1	60
90 152 R29217	2	1.0	759	27	46	1	1	1	105
90 152 R29218	2	.9	263	15	68	1	1	1	130
90 152 R29219	1	.6	20	10	96	1	1	1	95
90 152 R29220	3	.9	136	10	98	1	1	1	85
90 152 R29221	2	1.4	730	27	98	8	1	1	130
90 152 R29222	1	1.1	132	22	56	1	1	1	145
90 152 R29223	5	1.7	921	29	87	15	1	1	245
90 152 R29224	1	1.4	80	27	34	19	1	1	65
90 152 R29225	2	1.2	274	31	49	8	1	1	105
90 152 R29226	1	1.3	66	33	32	32	1	1	120
90 152 R29227	2	1.7	102	25	108	20	1	1	215
90 152 R29228	4	1.7	58	22	87	37	1	1	200
90 152 R29229	1	1.7	79	21	67	15	1	1	75
90 152 R29230	78	1.5	1418	23	29	25	1	1	140
90 152 R29231	60	1.5	1122	28	32	1	1	1	100
90 152 R29232	3	1.2	237	26	49	28	1	1	145
90 152 R29233	1	1.5	64	22	40	1	1	1	85
90 152 R29234	730	7.9	18295	55	17	7	20	3	160
90 152 R29235	1000	1.6	2341	13	44	1	1	1	35
90 152 R29236	2200	2.6	3616	25	39	1	1	1	110

APPENDIX XIII

Britt Rock Sample Descriptions

KEEWATIN ENGINEERING INC.

ROCK SAMPLES

ject: 152 BRIT CLAIMS
o (Grid):
lectors: M. BOBYN / G. NAGY

Results Plotted By: M. BOBYN
Map: NTS:
Date: SEPT. 14 1990 Surface ✓ Underground

AMPLE UMBER	LOCATION NOTES	REP. SAMPLE NUMBER	SAMPLE TYPE (LENGTH) GRAB	CHIP	CHANNEL	CORE	FLOAT	ROCK TYPE	SAMPLE DESCRIPTION	Cu PPM
F152R	5260'; 190° to Creek		✓					Silicified	Fg. light grey Wx; greenish black Fg. Slightly	
25	Y across Quash Creek							Andesitic	silicified; narrow calcite tension gashes 1-3 mm	
								Tuff	width - crosscutting. ½% Py	
DNN152R	4970'; Chute at N facing						✓	Silicified	Fg. White Fs; Brownish Buff Wx;	
200	slope into main trib							Andesite	Small angular boulder 30cm diam.	
	of Quash Creek								1-2% Cpy blebs; ½% Py	

APPENDIX XIV

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, DAVID T. MEHNER, of 333 Scenic Drive, in the Municipality of Coldstream, in the Province of British Columbia, do hereby certify that:

1. I am a Consulting Geologist with Keewatin Engineering Inc., with offices at 800 - 900 West Hastings Street, Vancouver, B.C. V6C 1E5.

2. I am a graduate of the University of Manitoba, B.Sc. Honours, 1976, M.Sc. Geology, 1982.

3. I have practised my profession continuously since 1979.

4. I am a Fellow of the Geological Association of Canada.

5. During the period of June to October, 1990, I managed and carried out the exploration program on the Britt 1 & 2, Tuk and Tat claims near Kinaskan Lake on behalf of Ascot Resources Ltd.

6. I do not own or expect to receive any interest (direct, indirect or contingent) in the properties described herein, nor in the securities of Ascot Resources Ltd. in respect of services rendered in the preparation of this report.

Dated at Vancouver, British Columbia, this 17th day of December, A.D. 1990.

Respectfully submitted,

David T. Mehner, M.Sc., FGAC

DRYDEN — TRIUMPH — TECK

NORANDA EXPLORATION

BRITT 1

BRITT 2

QC-3 QC-4

AXE 76

AXE 73

AXE 77

AXE 78

AXE 72

AXE 71

QUASH CREEK

6927

6994

6447

3900

4400

5100

5600

6100

5900

3800

57°45'

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,687

BASEMAP IS BLOW-UP OF 1:50,000 GOVERNMENT TOPOMAP. GROUND CONTROL BY TOPOCHAIN, COMPASS AND ALTIMETRE.

UPPER TRIASSIC

4	ANDESITIC MONOMICTIC CONGLOMERATE
3	ANDESITE FLOWS INTERBEDDED WITH MONOMICTIC CONGLOMERATE
2	ANDESITE FLOWS: VESICULAR & PORPHYRITIC
1	BEDDED ARGILLITE, SILTSTONE & GREYWACKE

LEGEND

- SILT SAMPLE 90-AA-152L-011 — ppm Cu/ppm Pb/ppm Zn/ppm Ag/ppb Au/ppm As/ppb Hg/ppm Sb/ppm Mo
- ROCK SAMPLE 90-F-152R-085 (grab or chip sample) — ppm Cu/ppm Pb/ppm Zn/ppm Ag/ppb Au/ppm As/ppb Hg/ppm Sb/ppm Mo rock float sample
- BEDDING
- FOLIATION / VEINING
- JOINTING
- LINEATION
- DENOTES ANOMALOUS ROCK OR SILT SAMPLE

100 200 300 400 500 m

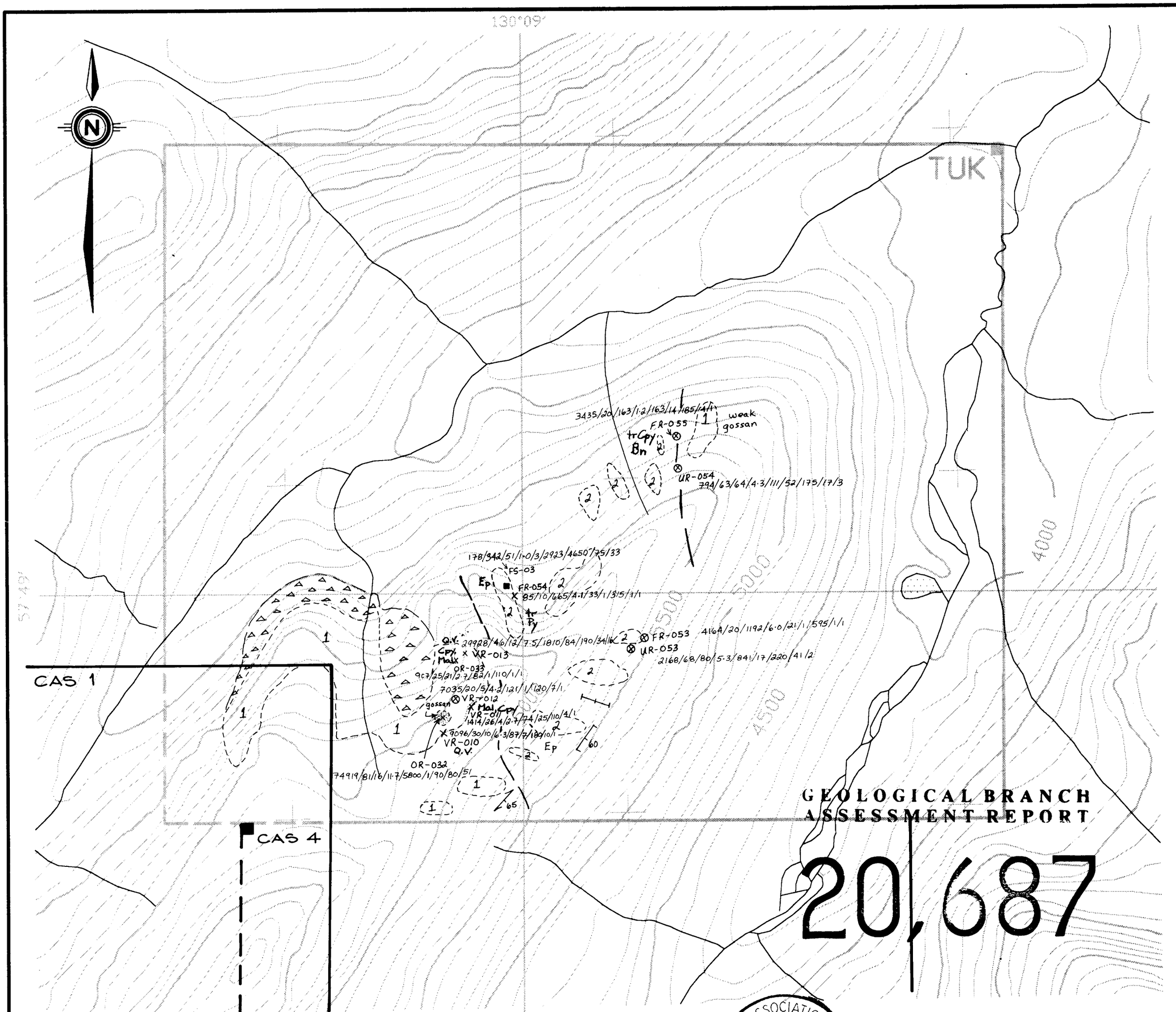
GEOLOGICAL ASSOCIATION OF CANADA · D. T. MEHNER · FELLOW

ASCOT RESOURCES LTD.

BRITT CLAIMS — KLASTLINE PLATEAU

SILT & ROCK GEOCHEMISTRY & GEOLOGY

DATE: OCT 3, 1990	NTS: 104G/9,16
PROJECT: KLASTLINE PLATEAU	PROJ. GEOL.: D. MEHNER
SCALE: 1:5,000	
Keewatin Engineering Inc.	MAP No. 3



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,687

EXPLANATION

Upper Triassic

- Fe Gossan
- 2 — Hornblende Diorite: medium to fine grained; magnetic
- 1 — Andesite Flows
- Talus
- FR-07A / X — Rock sample: grab/chip 90-F-157R-05A
- ⊗ — Float rock sample
- Fg-03 / ■ — Soil sample 90-F-157S-03
- Outcrop
- Assumed geological contact
- 60 — Fracture/jointing
- 65 — Foliation

Geochemistry Results

85/10/665/4.1/33/1/315/1/1
Cu/Pb/Zn/Ag/Au/As/Hg/Sb/Mo

Au and Hg values in ppb; remaining results in ppm.

NOTE: map is blow-up of 1:50000 government topography map; ground control by compass, topochain and altimeter.

GEOLOGICAL ASSOCIATION OF CANADA · D. T. MEHNER · FELLOW

0 200 400 600 800 1000m

ASCOT RESOURCES LTD.

TUK CLAIM / KLASTLINE PLATEAU

GEOLOGY
ROCK GEOCHEMISTRY

DATE: OCT 30, 1990	NTS: 104G/16E
PROJECT: KLASTLINE PLATEAU	BY: D. MEHNER
SCALE: 1:10,000	
Keewatin Engineering Inc.	MAP No. 2

FALCONBRIDGE

GJ PROPERTY

TAT 5

TAT 6

TAT 7

AXE 214

AXE 28

AXE 27

4500

5000

5500

4000

V-215
29/9
32/4
57/20
80/2
48/1
54/1
43/1
33/2
49/1
28/1
24/1
45/1
19/2
29/1
44/2
30/1
22/2
23/2
31/3
34/2
Y-124
33/1
97/1
29/2
25/2
120
24/1
7/2
24/10
16/1
30/11
115
28/8
29/1
16/1
34/2
27/3
110
22/2
20/2
24/3
19/2
33/1
40/2
105
19/4
85/2
61/3
47/1
36/1
37/1
Y-099

V-228
27/1

SOIL SAMPLE 90-V-152S-228
ppm Cu / ppb Au

V-151L-01
79/1

SILT SAMPLE 90-V-151L-001
ppm Cu / ppb Au

V-151-077
51/5
65/1
39/1
50/1
35/1
22/1
21/2
070
13/1
11/
68/1
42/3
39/1
V-151-044

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,687

D. T. MEHNER
GEOLOGICAL ASSOCIATION OF CANADA · FELLOW

ARCOT RESOURCES LTD.

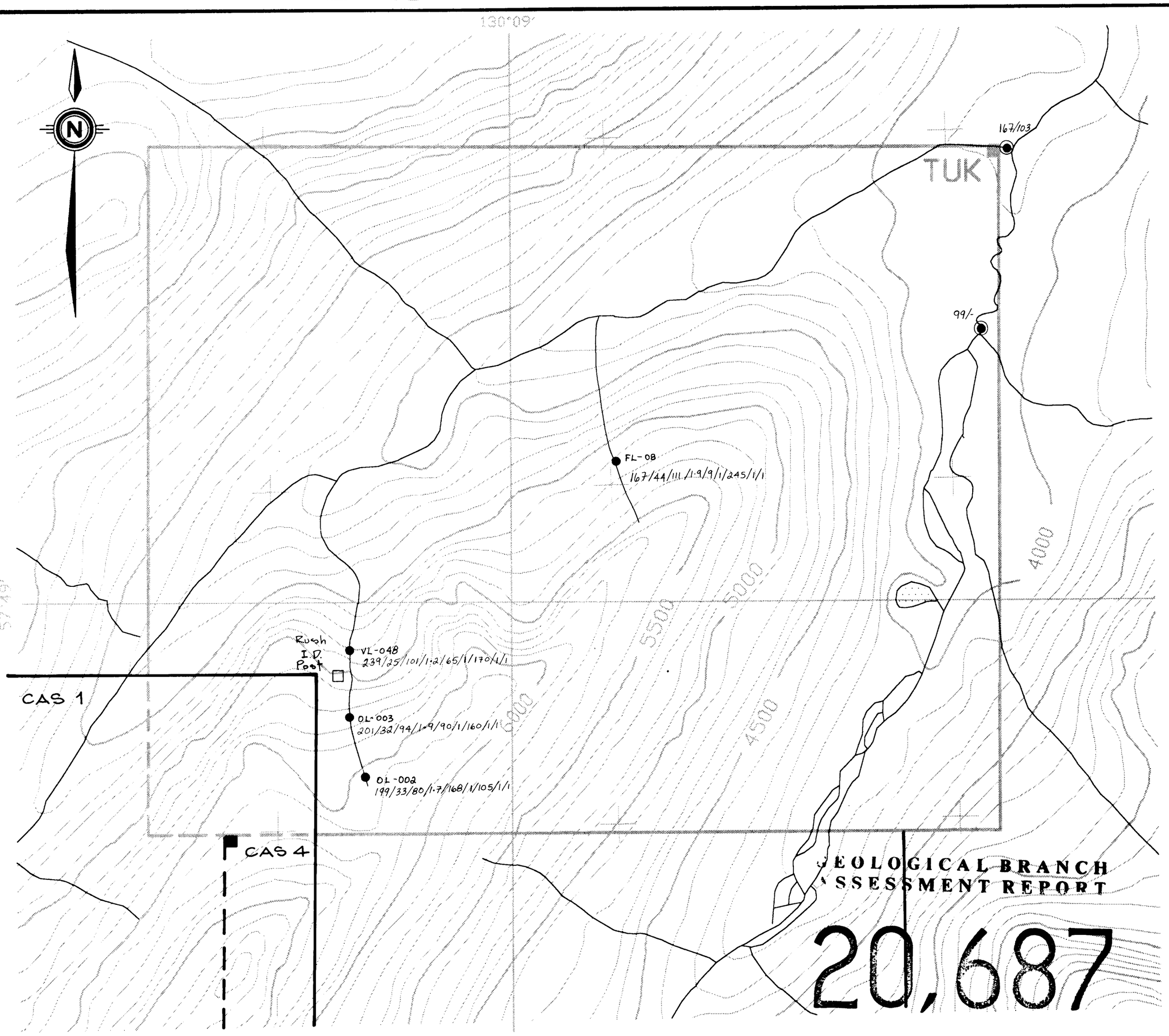
TAT CLAIMS — KLASTLINE PLATEAU

Cu/Au SOIL & SILT

GEOCHEMISTRY

0 100 250 500
METRES

DATE: December 11, 1990	Scale: 1: 10,000
PROJECT: KLASTLINE PLATEAU	PROJECT GEOL. D.T. Mehner
KEEWATIN ENGINEERING INC.	Map No. 1



EXPLANATION

● VL-048 — Silt sample 90-V-15ZL-048

Geochemistry Results

239 / 25 / 101 / 1.2 / 65 / 1 / 170 / 1 / 1

Cu / Pb / Zn / Ag / Au / As / Hg / Sb / Mo

Au and Hg values in ppb; remaining results in ppm.

◉ 199/103 — GSC Reconnaissance Geochemical Survey. Anomalous, Cu-Au values from 1988, Map sheet 104G.

ppm Cu / PPB Au

NOTE: map is blow-up of 1:50000 government topography map; ground control by compass, topochain and altimeter.

GEOLOGICAL ASSOCIATION OF CANADA · D.H. MEHNER · FELLOW ·

0 200 400 600 800 1000m

ASCOT RESOURCES LTD.

TUK CLAIM / KLASTLINE **PLATEAU**

SILT GEOCHEMISTRY

DATE: OCT 30, 1990	NTS: 104G/16E
PROJECT: KLASTLINE PLATEAU	BY: D. MEHNER
SCALE: 1:10,000	
Keewatin Engineering Inc.	MAP No. 7

FALCONBRIDGE

GJ PROPERTY

TAT 5

TAT 6

TAT 7

AXE 214

AXE 28

AXE 27

K-215

U-010

U-015

Y-124

Y-099

V-151-066

V-151-077

V-151L-01

4500

5000

5500

4000

LEGEND

V-228 • 19/115/1 — SOIL SAMPLE 90-V-152S-228
ppm As / ppb Hg / ppm Sb

V-151L-01 △ 79/170/1 — SILT SAMPLE 90-V-151L-001
ppm As/ ppb Hg / ppm Sb

GEOLOGICAL ASSOCIATION OF CANADA · FELLOW · D.T. MEHNER

ASCOT RESOURCES LTD.

TAT CLAIMS — KLASTLINE PLATEAU

As/Hg/Sb SOIL & SILT

GEOCHEMISTRY

0 100 250 500
METRES

DATE: December 11, 1990	Scale: 1: 10,000
PROJECT: KLASTLINE PLATEAU	PROJECT GEOL. D.T. Mehner
KEEWATIN ENGINEERING INC.	Map No. 6

FALCONBRIDGE

GJ PROPERTY

TAT 5

TAT 6

TAT 7

AXE 214

AXE 28

AXE 27

5500

5000

4500

4000

N

LEGEND

V-228
0.9/1
SOIL SAMPLE 90-V-152S-228
ppm Ag / ppm Mo

V-151L-01
0.6/3
SILT SAMPLE 90-V-151L-001
ppm Ag / ppm Mo

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,687

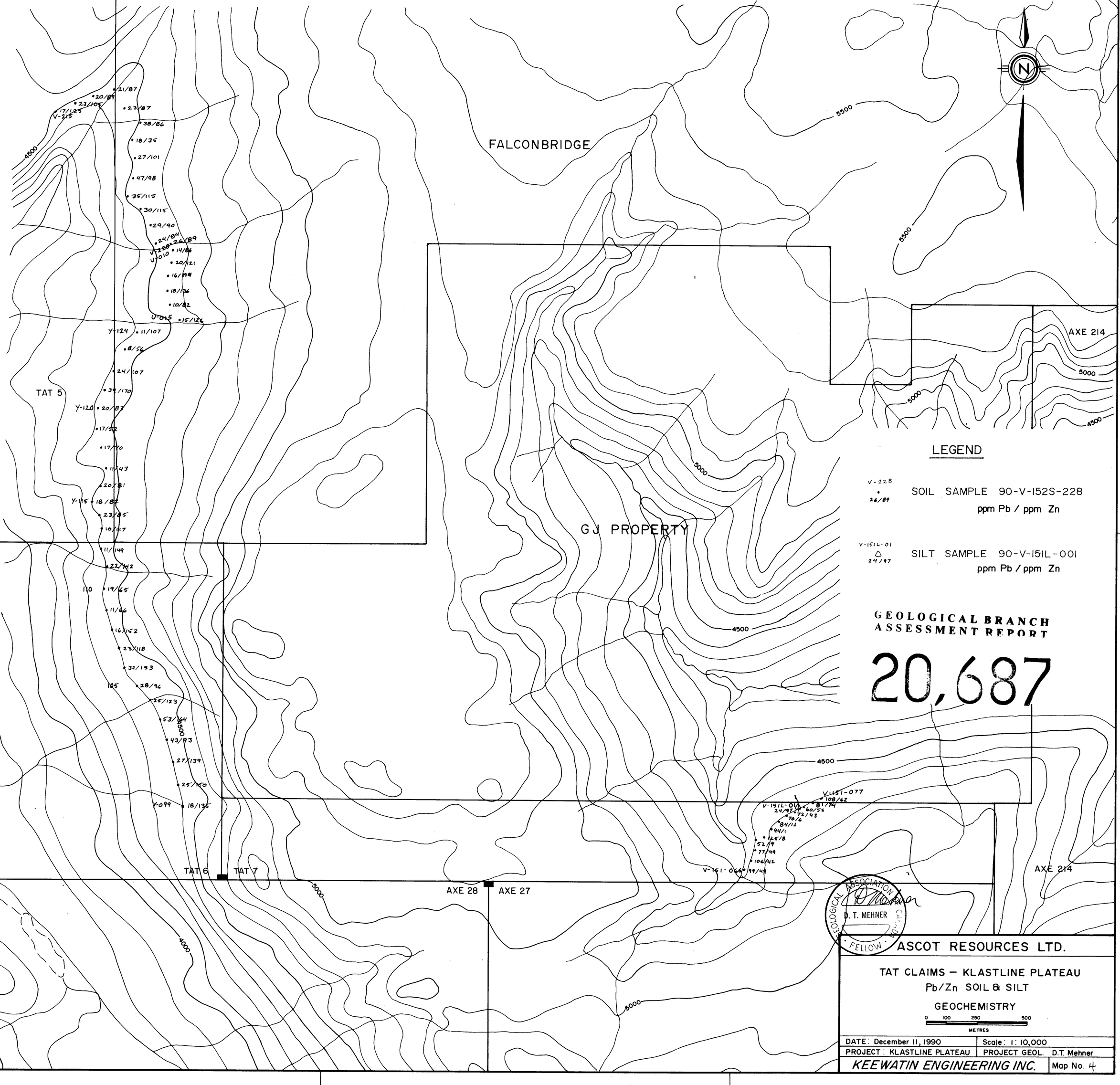
GEOLOGICAL ASSOCIATION OF CANADA
D. T. MEHNER
FELLOW

ASCOT RESOURCES LTD.

TAT CLAIMS — KLASTLINE PLATEAU
Ag/Mo SOIL & SILT
GEOCHEMISTRY

0 100 250 500
METRES

DATE: December 11, 1990	Scale: 1: 10,000
PROJECT: KLASTLINE PLATEAU	PROJECT GEOL. D.T. Mehner
KEEWATIN ENGINEERING INC.	Map No. 5



LEGEND

V-228 • 26/89 — SOIL SAMPLE 90-V-152S-228
ppm Pb / ppm Zn

V-151L-01 △ 24/97 — SILT SAMPLE 90-V-151L-001
ppm Pb / ppm Zn

GEOLOGICAL BRANCH ASSESSMENT REPORT

20,687

D. T. MEHNER
GEOLOGICAL ASSOCIATION OF CANADA FELLOW

ASCOT RESOURCES LTD.

TAT CLAIMS — KLASTLINE PLATEAU
Pb/Zn SOIL & SILT GEOCHEMISTRY

0 100 250 500
METRES

DATE: December 11, 1990	Scale: 1: 10,000
PROJECT: KLASTLINE PLATEAU	PROJECT GEOL. D.T. Mehner
KEEWATIN ENGINEERING INC.	Map No. 4