

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 90.02.23

ASSESSMENT REPORT 18451

MINING DIVISION: Liard

PROPERTY: Tic
LOCATION: LAT 56 48 00 LONG 130 45 00
UTM 09 6296276 393124
NTS 104B15E 104B15W
CLAIM(S): Tic 6-9
OPERATOR(S): Kestrel Res.
AUTHOR(S): Cournoyer, R.D.
REPORT YEAR: 1989, 46 Pages
COMMODITIES
SEARCHED FOR: Gold, Silver
KEYWORDS: Schists, Shales, Limestone, Shearing, Quartz, Pyrite, Chalcopyrite
Arsenopyrite
WORK
DONE: Prospecting, Geochemical
PROS 1600.0 ha
Map(s) - 4; Scale(s) - 1:5000
ROCK 172 sample(s) ;ME
SILT 11 sample(s) ;AU,AG
RELATED
REPORTS: 18449
MINFILE: 104B

LOG NO: 0726	RD. 2
ACTION: Date received report back from amendments	
FILE NO:	

LOG NO: 0228	RD:
FILE NO:	

REPORT ON THE
TIC 6, 7, 8, 9 MINERAL CLAIMS
1988 PROSPECTING PROGRAM

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VANCOUVER, B.C.

ISKUT RIVER AREA

56° 48' North Latitude
130° 46' West Longitude

FILMED

in the

Liard Mining Division
British Columbia

For

KESTREL RESOURCES LTD.

By

RAYMOND D. COURNOYER, PROSPECTOR

February 16, 1989

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,451

TABLE OF CONTENTS

	Page
SUMMARY	1
INTRODUCTION	2
LOCATION, ACCESS AND GEOGRAPHY	2
CLAIM INFORMATION	3
AREA HISTORY	3
REGIONAL GEOLOGY	5
PROPERTY EXPLORATION	6
PROSPECTOR'S REPORT	7
RECOMMENDATIONS	8

List of Figures

Following page

Figure 1	Index Map	2
Figure 2	Regional Geology	5
Figure 3	Claim Map	3
Figure 4	Sample Location Map	in pocket
Figure 5	Sample Location Map	in pocket
Figure 6	Property Geology	in pocket
Figure 7	Property Geology	in pocket

Appendices

Appendix I	Program Cost
Appendix II	Bibliography
Appendix III	Statement of Qualifications
Appendix IV	Assay Certificates
Appendix V	Sample Descriptions

SUMMARY

A preliminary program of prospecting and sampling was conducted on the Tic 6-9 mineral claims during the summer of 1988 for Kestrel Resources Ltd.

A base camp was established at the headwaters of Forrest Kerr Creek and a helicopter was utilized to access the property. A total of 172 rock chip samples and 11 silt samples were collected.

The Tic 6-9 mineral claims are underlain by sediments, andesites, and coastal plutons to the southeast, central and northwest portions of the group, respectively. Assays of up to 2640 ppb gold and 15.9 ppm silver were returned from massive sulphide lenses within the limestone, and values of 940 ppb gold and 8.1 opt silver within the sedimentary unit.

INTRODUCTION

The Tic 6-9 mineral claims, a total of 64 units, were staked in February of 1988. The claims are situated 11 kilometres southeast of Newmont Lake in the Iskut River area of British Columbia (N.T.S. 104 B/15).

The claims cover favourable geology east of Gulf International Minerals' McLymont Claims, where high grade veins of quartz-pyrite-chalcopyrite are presently being explored.

A program of preliminary prospecting and sampling was conducted by Rangex Services during the summer of 1988 to evaluate the potential of the property.

LOCATION, ACCESS AND GEOGRAPHY

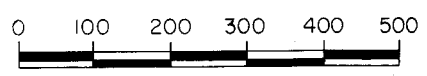
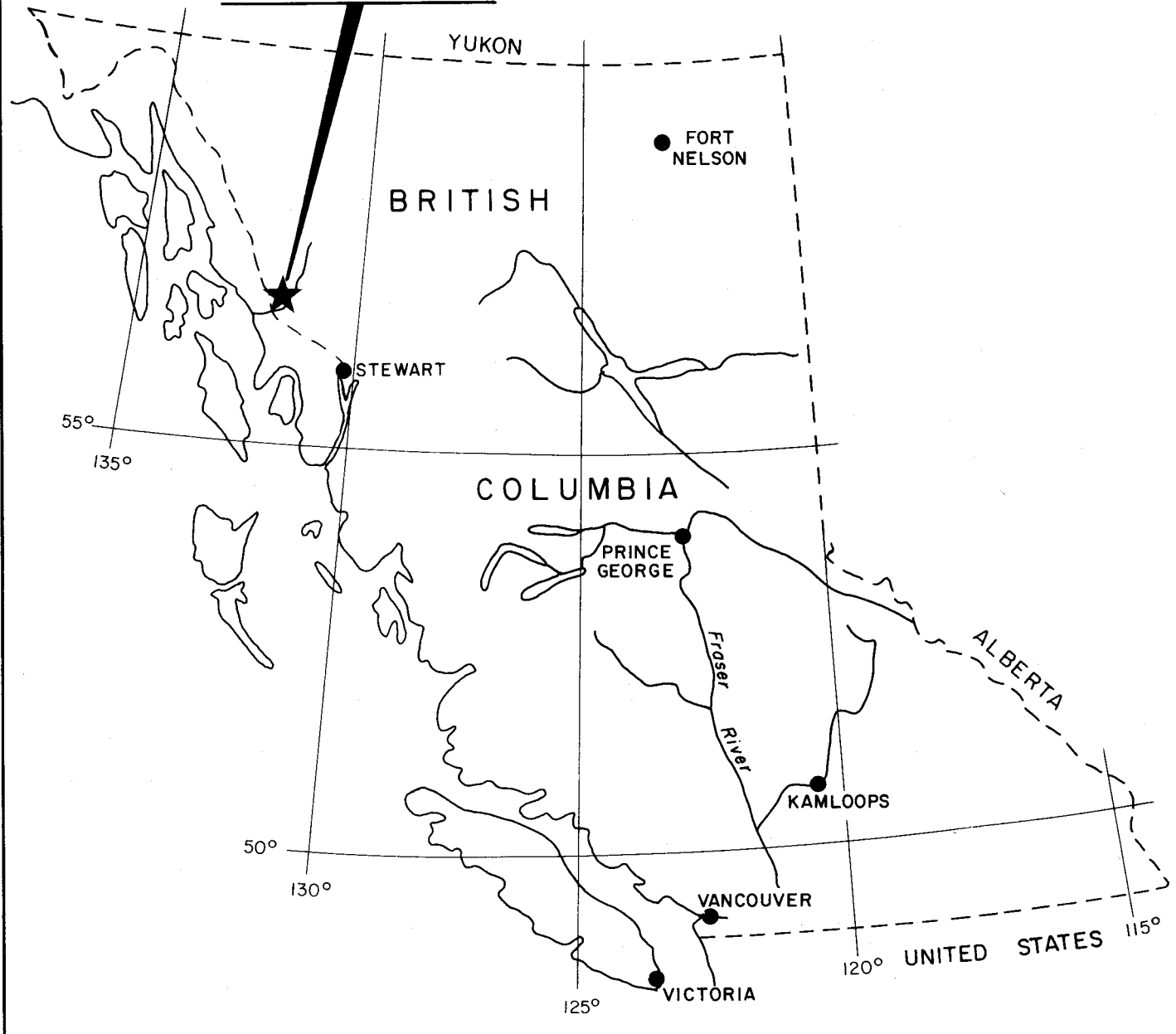
The claim group is situated approximately 120 km north of Stewart, B.C. centered at 56° 48' north latitude and 130° 46' west longitude in the Liard Mining Division of British Columbia.

Access to the claims is via helicopter from a base camp at the headwaters of Forrest Kerr Creek, 56° 56' north longitude, 130° 48' west longitude. Regular fixed wing flights from Smithers, B.C. service the Forrest Kerr camp.

Topographically, the Iskut area is extremely rugged, ranging in elevations from 100 metres to in excess of 2,000 metres. Spruce and alder represent the general vegetation while above treeline (900-1,000 m) alpine vegetation such as white and purple heather are present.

The Tic 6-9 claims are situated between the elevations of 900 metres and 1,800 metres. Glaciers partly covered the claim block on the northwest and southeast corners, 70% of the ground lying above treeline. A major east flowing drainage makes up the western portion of the claims.

**ISKUT RIVER
MINERAL CLAIMS**



KESTREL RESOURCES LTD.		
ISKUT RIVER MINERAL CLAIMS		
INDEX MAP		
LIARD MINING DIVISION, B.C.		
RANGEX SERVICES		
Drawn By: Meridian Map		FIG.
Scale 1:10,000,000	Date: February 1989	I

The area receives heavy precipitation, snow in excess of 6 metres being common during the winter. The field season extends from June to mid-October.

CLAIM INFORMATION

Claim data is as follows:

<u>Claim Name</u>	<u>Units</u>	<u>Record #</u>	<u>Record Date</u>
Tic 6	20	4505	February 24, 1988
Tic 7	12	4506	February 24, 1988
Tic 8	20	4507	February 24, 1988
Tic 9	12	4508	February 24, 1988

AREA HISTORY

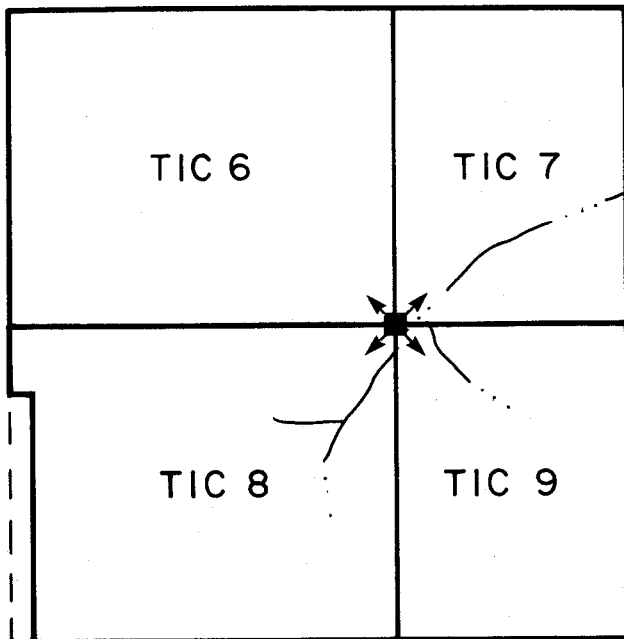
There is no recorded work from the Iskut River region prior to 1907 when a staking party from Wrangell, Alaska, recorded nine mineral claims north of Johnny Mountain. Iskut Mining Company worked these crown granted claims undertaking trenching and drifting on veins yielding Galena, gold and silver. The 1917 Minister of Mines annual report states the Iskut Mining Company shipped a ton of ore which yielded, in 1917 currency, \$1.20 in gold, 44.2 ounces of silver and 12.45 percent copper.

Hudson Bay Mining & Smelting Ltd. located high grade gold, silver and lead in float during 1954. This was known as the Pick Axe showing and forms part of Skyline Explorations Stonehouse Gold deposit on Johnny Mountain.

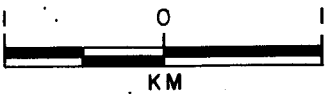
Throughout the 1960's several major mining companies undertook exploration programs in the Johnny Mountain and Sulphurets Creek region. This work resulted in the discovery of several porphyry copper-molybdenum targets. Cominco completed several core holes on Johnny Mountain in 1965.

130°45' E

56°48' N



Newmont Cr.



KESTREL RESOURCES LTD.

TIC 6-9 CLAIMS

CLAIM MAP

LIARD MINING DIVISION, B.C.

RANGEX SERVICES

Drawn By: Meridian Map

Map Sheet:

Scale 1:50000

Date: February 1989

FIG.
3

Skyline staked and the Inel property in 1969 following the discovery of massive sulphide in float on the Bronson Glacier and later in 1980 restaked the Reg property. During the period of 1981 to present Skyline has developed both these properties discovering high grade veins and polymetallic massive sulphide mineralization on the Inel and Reg properties.

As of January, 1988, GROVE, E.W., reported reserves from the Stonehouse Gold Deposit of 851,170 tons grading 25.0 Au g/tonne 29.1 Ag g/tonne and 0.76% Cu.

Delaware Resources Ltd. completed 10,000 metres of diamond drilling on their Cominco Snip claims located directly north of the Stonehouse Gold Deposit. This exploration resulted in estimated reserves of 997,810 tonnes grading 24.0 Au g/tonne. During the 1988 season an underground program was initiated on this deposit.

Newmont Mining Corporation of Canada Ltd. staked 324 claims (Dirk Claim Group) west of Newmont Lake in 1962. An exploration program of geological mapping, airborne and ground magnetics survey, sampling and diamond drilling was conducted to explore the skarn type mineralization discovered on the Dirk and Ken showings. Intersections of 0.23% Cu and 3.4 Ag g/tonne over 15.85 metres were reported from the Ken showing while Hole 4 on the Dirk showing returned assays of 0.30% Cu over 1.83 metres.

Gulf International Minerals staked the McLymont claims south of Newmont Lake in 1986. These claims had been staked by Dupont Canada Explorations Ltd. in 1980 as the Warrior claims and optioned to Skyline Explorations Ltd. and Placer Development Ltd. Exploration has extended the existence of quartz - pyrite - chalcopyrite veins which retain values of up to 102.8 Au g/tonne. Gulf International Minerals has conducted extensive diamond drilling on the McLymont claims reporting in their 1987 Annual Report, drilling results of up to 55.0 Au g/tonne, 1,362.1 Ag g/tonne and 0.97% Cu over 11.12 metres.

A number of exploration companies examined claims in the Arctic Lake area approximately 75 kilometres north of the Skyline Cominco deposits.

Kennco Exploration conducted a program of geological mapping on the Bam Claim group in 1965. Mitsui Mining and Smelting Co. Ltd. undertook geological mapping and silt sampling in the Arctic and Big A Groups during 1968.

REGIONAL GEOLOGY

The Iskut area lies within a complex geological setting of the Circum-Pacific orogenic belt of North America. Specifically it forms a part of the geological setting defined by Grove as the Stewart Complex. Grove E.W. (1986) states the following:

"The Stewart Complex lies along the contact between the Coast Plutonic Complex on the west, the Bowser Basin on the east, Alice Arm on the south and the Iskut River on the north."

Government workers have attempted, since 1948, to clarify relationships and assign ages to the various lithological units of the area, and to trace structural events affecting these units. This work has not been entirely successful, however, due to the extremely inaccessible terrain and difficult physical conditions confronting workers.

Mineral exploration studies carried out by private companies have added significantly to the geological knowledge of the area, but are not generally available publicly. Work completed by Kerr, 1948, G.S.C. Memoir 246; G.S.C maps 9-1957 and 1418-1979 - "Iskut River", form the basis of government mapping. Private companies active in the area since the early 60's include Newmont, Kennco, Cominco, Skyline and others too numerous to list.

The oldest known rocks of the area are limestone, dolomite and low grade metamorphosed sediments (quartzite, slates, phyllite) of lower Cambrian age that have been correlated with the Cache Creek Group prevalent in the southern half of the province. The limestone unit contains fossil crinoids and is unconformably overlain by upper Triassic Hazelton Volcanics and sediments. Bivalve fossils found west of Newmont Lake date these rocks as late Triassic and correlation of these rocks with both Stuhini volcanics and Unuk River formation has been attempted by various workers.

LEGEND

SEDIMENTARY AND VOLCANIC ROCKS

CENOZOIC

**QUATERNARY
RECENT**

20 Unconsolidated glacial and fluvial clay, silt, sand, gravel; till; peat, muskeg

19 Tufa, hot spring deposits

18 Olivine basalt, ash, cinders

**TERTIARY
PLEISTOCENE AND (?) EARLIER**

17 Basalt, rhyolite, ash, tuff, agglomerate; locally may include 16; 17a, rhyolite, pisolitic siliceous tuff, chalcidonic rhyolite breccia

EOCENE

16 Basalt, rhyolite and associated volcanic rocks; minor conglomerate, sandstone, shale

**CRETACEOUS AND TERTIARY
UPPER CRETACEOUS AND PALEOCENE**

15 Conglomerate, sandstone, shale, minor coal

**CRETACEOUS
POST LOWER CRETACEOUS**

14 Volcanic rocks, breccia

**JURASSIC AND CRETACEOUS
UPPER JURASSIC AND LOWER CRETACEOUS**

12 Argillite, greywacke, conglomerate, coal; 12a, andesite, chert; tuff, conglomerate, shale, greywacke

**JURASSIC
LOWER AND MIDDLE JURASSIC**

11 Conglomerate, greywacke, grit, siltstone, shale; 11a, may include younger rocks

TRIASSIC

8 Tuff, siltstone, limestone, conglomerate, breccia

PERMIAN AND/OR TRIASSIC

7 7, Volcanic and sedimentary rocks undivided; 7a, mainly andesitic and basaltic volcanic rocks; flows, breccia, tuff breccia, tuff; 7b, mainly greywacke, siltstone, conglomerate; 7c, mainly limestone

MESOZOIC

**CRETACEOUS AND /OR EARLIER
PRE UPPER CRETACEOUS**

13 Mainly volcanic rocks; minor conglomerate, greywacke; chert, argillite

**JURASSIC AND /OR EARLIER
PRE UPPER JURASSIC**

9 10 9. Mainly volcanic rocks; minor conglomerate; greywacke, argillite
10. Mainly sedimentary rocks

PALAEOZOIC

PERMIAN AND (?) EARLIER

6 Limestone, greenstone, chert, argillite, phyllitic quartzite, greywacke; meta-andesite and meta-diorite locally abundant near ultramafic bodies. May include younger greenstone; 6a, Carboniferous or Permian, mainly andesitic flows, breccia, tuff; minor sedimentary rocks

DEVONIAN AND MISSISSIPPIAN
UPPER DEVONIAN AND MISSISSIPPIAN

5 Chert, argillaceous quartzite, argillite, greywacke, greenstone, conglomerate, limestone

DEVONIAN
MIDDLE DEVONIAN

4 Limestone, dolomite, quartzite

ORDOVICIAN AND SILURIAN
UPPER ORDOVICIAN AND LOWER SILURIAN

3 Limestone, cherty limestone, quartzite, red and green chert, shale

CAMBRIAN AND ORDOVICIAN
MIDDLE AND (?) UPPER CAMBRIAN, LOWER AND MIDDLE ORDOVICIAN

2 Shale, phyllite, slate, calcareous slate, limestone

CAMBRIAN
LOWER CAMBRIAN

1 Limestone, dolomite, quartzite, slate, phyllite

INTRUSIVE ROCKS

A Felsite, felsite porphyry

B Mainly quartz monzonite, granodiorite, granite

C Mainly diorite; minor gabbro

D Granite porphyry, granophyre, syenite and related rocks

E Serpentinite, peridotite; locally includes meta-andesite and meta-diorite

METAMORPHIC ROCKS

TRIASSIC OR EARLIER

F Phyllite, sericite schist, hornfels, granulite, fine-grained biotite-hornblende gneiss; Fa, may include or be equivalent to 9

PERMIAN AND/OR EARLIER

PRE MIDDLE PERMIAN

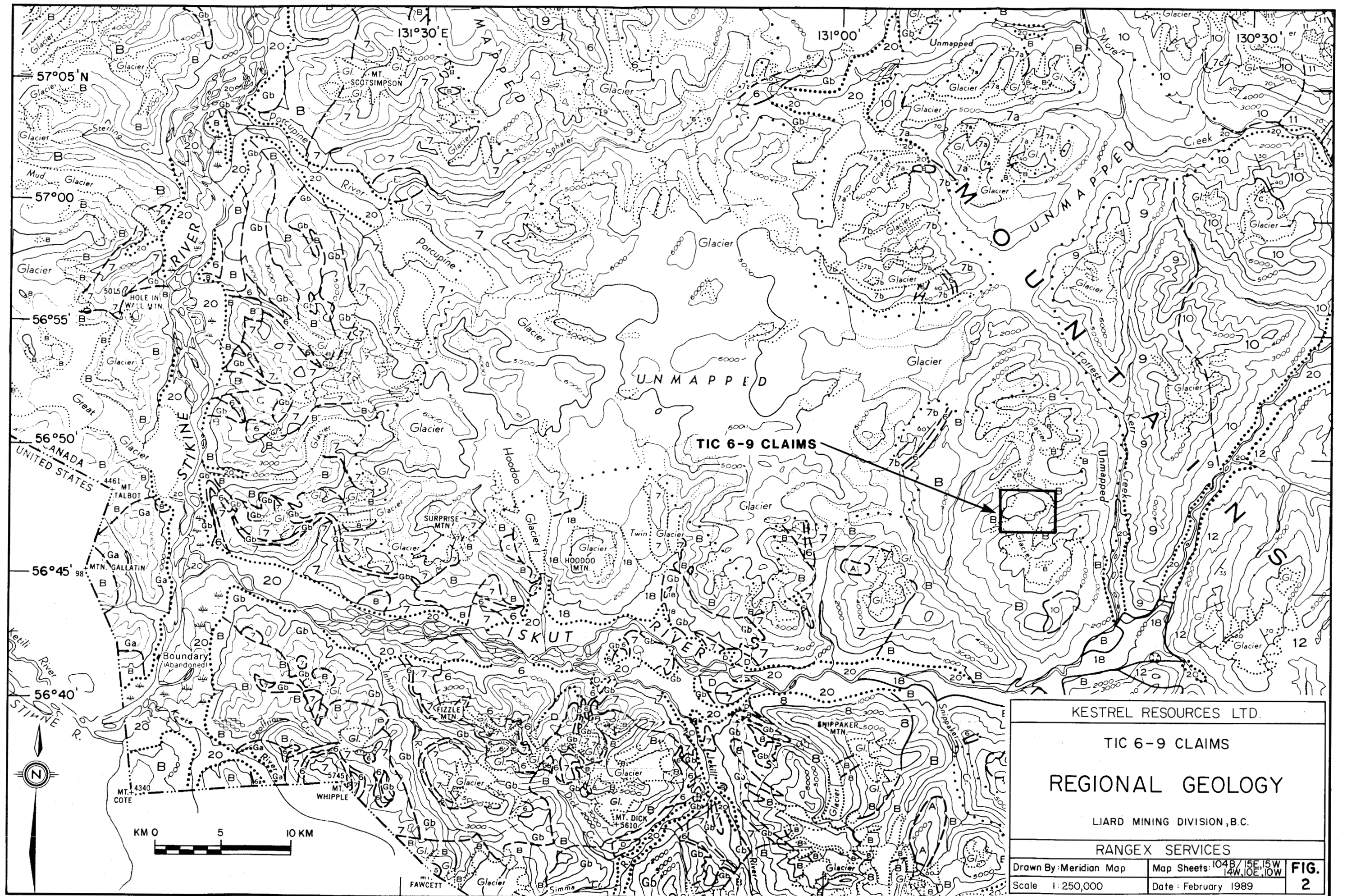
G Ga, Gneiss; Gb, phyllite, quartzite, minor crystalline limestone, highly altered and sheared greywacke and volcanic rock

MAINLY CARBONIFEROUS AND PERMIAN

H Biotite-quartz-feldspar gneiss, biotite-muscovite schist, crystalline limestone, greenstone, quartzite, phyllite

MISSISSIPPIAN AND EARLIER

J Gneiss, schist, crystalline limestone, crystalline dolomite, quartzite



KESTREL RESOURCES LTD.	
TIC 6-9 CLAIMS	
REGIONAL GEOLOGY	
LIARD MINING DIVISION, B.C.	
RANGEX SERVICES	
Drawn By: Meridian Map	Map Sheets: 104B/15E, 15W 14W, 10E, 10W
Scale 1:250,000	Date: February 1989
FIG. 2	

Overlying the Triassic Hazelton volcanic-sedimentary assemblage is a similar group of volcanic-sedimentary rocks of middle Jurassic age named the Betty Creek Formation.

Cretaceous to Tertiary Coast Plutonic intrusions of granite, granodiorite, and diorite occupy large plutons of the map area. In addition smaller bodies of monzonite or syenite as well as subvolcanic acidic porphyries are sparsely distributed.

Tufa, hot spring deposits and pyroclastic material of Pleistocene and Recent age occur at several localities within the area, notably at Hoodoo Mountain.

Schistose rocks, although present in the area are not of great lateral extent and owe their origin to deformation metamorphism, rather than high temperature regional metamorphism.

Structurally, the map area is bisected by a prominent thrust fault along the Iskut River from Forrest Kerr Creek to the Stikine River Junction. The thrust separates unconformably, Mississippian-Pennsylvanian rocks from middle Jurassic strata and is thought to override rock formations to the south. Regionally, a dominant northeast trending and a subdominant northwest trending fault system complicate the local geology, especially where folding of the strata, which is common, has occurred.

PROPERTY EXPLORATION

A crew of seven people prospected and sampled the Tic 6-9 mineral claims throughout the summer of 1988. Work was undertaken from Forrest Kerr Camp.

A total of 172 rock samples and 11 silt samples were collected from the property. The samples were shipped to Van Geochem Lab Ltd. for analysis for gold (ppb) and silver (ppm) using fire assay and atomic absorption techniques.

One hundred and twenty-five of these samples were re-assayed for copper, lead, and zinc and a further 98 of the samples were assayed using ICP geochemical analysis.

Sample locations and results of analytical data are plotted on Figures 4 and 5. Assay results are presented in Appendix IV.

PROSPECTOR'S REPORT

The Tic 6-9 claim group is made up of sediments to the east and south, andesites through the center of the claim block, and coastal plutons to the north and west. A limestone unit is present on the southeast corner of Tic 8 extending into Tic 9. The sedimentary unit consists of schists, shales and siltstones that are cut with northeast-southwest trending shears and fractures. Mineralization is composed of pyrite, chalcopyrite, arsenopyrite and zones of chloritic alteration and quartz. The andesite unit carries pyrite, chlorite, calcite and quartz mineralization. The limestone unit contains massive sulphide lenses composed of magnetite, pyrite, arsenopyrite and chalcopyrite that are up to 3 metres wide and 40 metres long. A coating of limonite is present as surface oxidation whenever sulphides are present.

Anomalous values noted in the limestone unit consist of:

<u>Sample #</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Description</u>
32332	2640	15.9	Massive pyrite zone 1 metre x 30 metres between limestone and chlorite intrusive
32703	1360	-	6 metres x 30 metre massive pyrite magnetite lense on limestone andesite contact

Anomalous values of note in the sedimentary unit were:

<u>Sample #</u>	<u>Au(ppb)</u>	<u>Ag(ppm)</u>	<u>Description</u>
32508	940	-	Malachite stained, gossanous sediment
32912	-	.50	Pyrite and chalcopyrite in quartz in fine grained alteration
32918	800	0	Pyrite in frothy quartz stringer

RECOMMENDATIONS

A three part exploration program is proposed for the Tic 6-9 mineral claims.

1. Continued prospecting and sampling.
2. Channel sampling program with location control.
3. Detailed 1:5000 scale geological mapping.

A budget will be submitted when required.

APPENDIX I

PROGRAM COST

PROGRAM COSTS

Tic 6, 7, 8, 9

Wages (July 4 - October 9, 1988)

Ray Cournoyer	11 days @ \$225.00/day	\$ 2,475.00
Ron Riedel	10 days @ \$200.00/day	2,000.00
Dave Hagemoen	9 days @ \$175.00/day	1,575.00
Ian Hagemoen	8 days @ \$250.00/day	2,000.00
John Buccholtz	4 days @ \$225.00/day	900.00
Barry Foster	4.5 days @ \$200.00/day	900.00
Kelly Kaye	2 days @ \$200.00/day	<u>400.00</u>

Total Wages

\$10,250.00

Expenses

Room and board	6,516.73
Expendables	550.97
Freight	1,088.52
Expediting	216.31
Travel and accommodation	283.73
Rentals	194.97
Fixed wing	1,411.49
Assaying	3,844.00
Helicopter	5,431.29
Report costs	<u>750.00</u>

Total Expenses

20,287.04

TOTAL

\$30,537.04

APPENDIX II

BIBLIOGRAPHY

BIBLIOGRAPHY

Kerr, F.A. (1948): G.S.C. Memoir 246 Lower Stikine, Western Iskut River Areas, B.C.

Grove, E.W. (1986): Geological Report, Exploration and Development Proposal on the Skyline Exploration Ltd. Reg Property.

Castin, C.T. (1973): Report on Geological, Geophysical and Physical Work Dirk Claim Group Newmont Mines.
Assessment Report 4150 Province of B.C.

Davis R.E. (1987): Progress Report McLymont Claim Group - News Release for Gulf International Minerals Ltd.

APPENDIX III

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, RAYMOND D.E. COURNOYER, of Site L, R.R. 1, Kispiox Valley Road, Hazelton, B.C. in the Province of British Columbia do hereby certify:

- 1) I am employed by Rangex Services with offices at 1124 - 470 Granville Street, Vancouver, B.C.
- 2) I am a graduate of the Ministry of Energy, Mines and Petroleum Resources' advanced prospecting course (1987).
- 3) I have practiced my profession of prospecting since 1980.
- 4) I have personally prospected the properties described within this report.
- 5) I have no interest in any of the properties described herein, nor do I expect to receive any such interest.
- 6) That I hereby authorize Kestrel Resources Ltd. to present this report or part thereof, in any prospectus or other documentation required by any regulatory body.

DATED at Vancouver, British Columbia, this 23 day of Feb , 1989.


RAYMOND D.E. COURNOYER

APPENDIX IV

ASSAY CERTIFICATES

VGC VANGEOCHEM LAB LIMITED

MAIN OFFICE
 1988 TRIUMPH ST.
 VANCOUVER, B.C. V5L 1K5
 ● (604) 251-5656
 ● FAX (604) 254-5717

BRANCH OFFICES
 PASADENA, NFLD.
 BATHURST, N.B.
 MISSISSAUGA, ONT.
 RENO, NEVADA, U.S.A.

REPORT #: 881865 DA

RANGEX Project: TIC 6

Page 1 of 1

Sample Number	Jobno	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	W ppm	Ag oz/st	Au oz/st
32354	881070	--	--	--	--	<0.1	<5	--	--	--
32355	881070	--	--	--	--	1.1	<5	--	--	--
32425	881340	--	--	--	--	0.2	<5	--	--	--
32460	881340	--	--	--	--	0.2	110	--	--	--
32928	881340	--	--	--	--	1.0	30	--	--	--

Minimum Detection	650001	1	1	2	1	0.1	5	3	0.01	0.005
Maximum Detection	999999	1000	20000	20000	20000	50.0	10000	1000	100.00	10.000

< = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

REPORT #: 881865 DA

RANGEX Project: TIC 7

Page 1 of 1

Sample Number	Jobno	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	W ppm	Ag oz/st	Au oz/st
32260	881195	--	--	--	--	<0.1	40	--	--	--
32261	881195	--	--	--	--	<0.1	20	--	--	--
32262	881195	--	--	--	--	<0.1	<5	--	--	--
32263	881195	--	--	--	--	<0.1	20	--	--	--
32274	881195	--	--	--	--	<0.1	20	--	--	--
32380	881190	--	--	--	--	3.5	<5	--	--	--
32381	881190	--	--	--	--	0.9	<5	--	--	--
32382	881190	--	--	--	--	0.8	<5	--	--	--
32383	881190	--	--	--	--	0.4	<5	--	--	--
32384	881190	--	--	--	--	0.8	<5	--	--	--
32421	881340	--	--	--	--	0.2	90	--	--	--
32422	881340	--	--	--	--	9.4	80	--	--	--
32423	881340	--	--	--	--	10.6	120	--	--	--
32424	881340	--	--	--	--	9.1	90	--	--	--
32502	881195	--	--	--	--	<0.1	30	--	--	--
32503	881195	--	--	--	--	0.2	10	--	--	--
32504	881195	--	--	--	--	<0.1	40	--	--	--
32505	881195	--	--	--	--	<0.1	20	--	--	--
32506	881195	--	--	--	--	0.4	20	--	--	--
32507	881195	--	--	--	--	0.3	80	--	--	--
32710	881070	--	--	--	--	<0.1	<5	--	--	--
32731	881195	--	--	--	--	<0.1	30	--	--	--
32732	881195	--	--	--	--	<0.1	10	--	--	--
32733	881195	--	--	--	--	<0.1	10	--	--	--
32734	881195	--	--	--	--	<0.1	30	--	--	--
32735	881588	--	--	--	--	--	--	--	--	--
32735	881354	--	8	7	32	--	--	--	--	--
32735	881195	--	--	--	--	<0.1	<5	--	--	--
32736	881354	--	37	4	10	--	--	--	--	--
32736	881195	--	--	--	--	0.2	<5	--	--	--
32736	881588	--	--	--	--	--	--	--	--	--
32737	881588	--	--	--	--	--	--	--	--	--
32737	881354	--	200	14	42	--	--	--	--	--
32737	881195	--	--	--	--	<0.1	20	--	--	--
32738	881195	--	--	--	--	<0.1	15	--	--	--
32738	881588	--	--	--	--	--	--	--	--	--
32738	881354	--	17	8	11	--	--	--	--	--

Minimum Detection 650001 1 1 2 1 0.1 5 3 0.01 0.005
 Maximum Detection 999999 1000 20000 20000 50.0 10000 1000 100.00 10.000
 < = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

REPORT #: 881865 DA

RANGEX Project: TIC 8

Page 1 of 1

Sample Number	Jobno	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	H ppm	Ag oz/st	Au oz/st
32242	881056	--	--	--	--	<0.1	<5	--	--	--
32243	881056	--	--	--	--	0.1	<5	--	--	--
32244	881056	--	--	--	--	<0.1	<5	--	--	--
32245	881056	--	--	--	--	0.5	<5	--	--	--
32246	881056	--	--	--	--	<0.1	<5	--	--	--
32247	881056	--	--	--	--	<0.1	<5	--	--	--
32248	881056	--	--	--	--	<0.1	<5	--	--	--
32249	881056	--	--	--	--	<0.1	<5	--	--	--
32250	881056	--	--	--	--	1.3	<5	--	--	--
32317	881056	--	--	--	--	3.6	<5	--	--	--
32318	881056	--	--	--	--	0.1	<5	--	--	--
32319	881056	--	--	--	--	1.0	<5	--	--	--
32320	881056	--	--	--	--	2.2	<5	--	--	--
32321	881056	--	--	--	--	1.0	20	--	--	--
32322	881056	--	--	--	--	0.5	40	--	--	--
32323	881056	--	--	--	--	5.0	<5	--	--	--
32324	881056	--	--	--	--	2.5	30	--	--	--
32325	881056	--	--	--	--	7.2	2550	--	--	0.074
32326	881056	--	--	--	--	0.6	20	--	--	--
32327	881070	--	--	--	--	0.4	<5	--	--	--
32328	881070	--	--	--	--	0.3	<5	--	--	--
32329	881070	--	--	--	--	0.2	<5	--	--	--
32330	881070	--	--	--	--	0.2	<5	--	--	--
32331	881070	--	--	--	--	0.1	<5	--	--	--
32332	881070	--	--	--	--	15.9	2640	--	--	0.082
32333	881070	--	--	--	--	0.9	<5	--	--	--
32334	881070	--	--	--	--	1.3	<5	--	--	--
32335	881070	--	--	--	--	2.4	70	--	--	--
32336	881070	--	--	--	--	1.4	<5	--	--	--
32337	881070	--	--	--	--	3.4	<5	--	--	--
32338	881070	--	--	--	--	1.6	<5	--	--	--
32340	881070	--	--	--	--	0.8	<5	--	--	--
32341	881070	--	--	--	--	0.1	<5	--	--	--
32426	881340	--	--	--	--	<0.1	<5	--	--	--
32701	881070	--	--	--	--	0.6	<5	--	--	--
32702	881070	--	--	--	--	<0.1	<5	--	--	--
32703	881070	--	--	--	--	4.5	1360	--	--	0.041

Minimum Detection 650001 1 1 2 1 0.1 5 3 0.01 0.005
 Maximum Detection 999999 1000 20000 20000 20000 50.0 10000 1000 999.00 10.000
 < = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

REPORT #: 881865 DA

RANGEX Project: TIC 9

Page 1 of 3

Sample Number	Jobno	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	H ppm	Ag oz/st	Au oz/st
32264	881195	--	--	--	--	<0.1	50	--	--	--
32265	881195	--	--	--	--	<0.1	30	--	--	--
32266	881195	--	--	--	--	<0.1	90	--	--	--
32267	881195	--	--	--	--	<0.1	10	--	--	--
32268	881195	--	--	--	--	<0.1	50	--	--	--
32269	881195	--	--	--	--	<0.1	<5	--	--	--
32270	881195	--	--	--	--	<0.1	50	--	--	--
32271	881195	--	--	--	--	<0.1	370	--	--	--
32272	881195	--	--	--	--	<0.1	<5	--	--	--
32273	881195	--	--	--	--	<0.1	10	--	--	--
32275	881208	--	--	--	--	0.2	<5	--	--	--
32276	881208	--	--	--	--	<0.1	<5	--	--	--
32277	881208	--	--	--	--	1.3	<5	--	--	--
32278	881208	--	--	--	--	<0.1	<5	--	--	--
32279	881208	--	--	--	--	<0.1	<5	--	--	--
32280	881208	--	--	--	--	<0.1	20	--	--	--
32281	881208	--	--	--	--	0.1	10	--	--	--
32282	881208	--	--	--	--	0.1	40	--	--	--
32283	881208	--	--	--	--	0.1	20	--	--	--
32339	881070	--	--	--	--	0.5	<5	--	--	--
32342	881070	--	--	--	--	0.3	130	--	--	--
32343	881070	--	--	--	--	31.0	120	--	--	--
32344	881070	--	--	--	--	39.0	180	--	--	--
32345	881070	--	--	--	--	0.9	<5	--	--	--
32346	881070	--	--	--	--	0.2	<5	--	--	--
32347	881070	--	--	--	--	0.2	<5	--	--	--
32348	881070	--	--	--	--	5.6	<5	--	--	--
32349	881070	--	--	--	--	18.1	<5	--	--	--
32350	881070	--	--	--	--	0.8	<5	--	--	--
32351	881070	--	--	--	--	0.5	<5	--	--	--
32352	881070	--	--	--	--	0.1	<5	--	--	--
32353	881070	--	--	--	--	0.2	<5	--	--	--
32508	881195	--	--	--	--	0.8	940	--	--	--
32509	881195	--	--	--	--	3.6	200	--	--	--
32510	881195	--	--	--	--	1.3	120	--	--	--
32511	881195	--	--	--	--	0.5	70	--	--	--
32512	881195	--	--	--	--	0.1	40	--	--	--
32513	881195	--	--	--	--	0.3	50	--	--	--
32514	881195	--	--	--	--	<0.1	<5	--	--	--

Minimum Detection 650001 1 1 2 1 0.1 5 3 0.01 0.005
 Maximum Detection 999999 1000 20000 20000 20000 50.0 10000 1000 100.00 10.000
 < = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

REPORT #: 881865 DA

RANGEX Project: TIC 9

Page 2 of 3

Sample Number	Jobno	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	H ppm	Ag oz/st	Au oz/st
32515	881195	--	--	--	--	0.5	<5	--	--	--
32516	881195	--	--	--	--	<0.1	<5	--	--	--
32517	881195	--	--	--	--	<0.1	<5	--	--	--
32518	881195	--	--	--	--	<0.1	50	--	--	--
32519	881195	--	--	--	--	<0.1	<5	--	--	--
32520	881195	--	--	--	--	0.1	<5	--	--	--
32521	881208	--	--	--	--	0.2	30	--	--	--
32522	881208	--	--	--	--	0.4	30	--	--	--
32523	881208	--	--	--	--	0.4	20	--	--	--
32524	881208	--	--	--	--	0.2	<5	--	--	--
32525	881208	--	--	--	--	0.3	<5	--	--	--
32739	881195	--	--	--	--	<0.1	<5	--	--	--
32740	881195	--	--	--	--	<0.1	<5	--	--	--
32741	881195	--	--	--	--	<0.1	<5	--	--	--
32742	881195	--	--	--	--	<0.1	<5	--	--	--
32743	881195	--	--	--	--	<0.1	<5	--	--	--
32744	881195	--	--	--	--	<0.1	70	--	--	--
32745	881195	--	--	--	--	1.2	140	--	--	--
32746	881195	--	--	--	--	<0.1	<5	--	--	--
32747	881195	--	--	--	--	0.1	<5	--	--	--
32748	881195	--	--	--	--	<0.1	<5	--	--	--
32749	881195	--	--	--	--	0.2	70	--	--	--
32750	881208	--	--	--	--	0.2	20	--	--	--
32751	881208	--	--	--	--	<0.1	<5	--	--	--
32752	881208	--	--	--	--	0.4	80	--	--	--
32753	881208	--	--	--	--	1.2	<5	--	--	--
32754	881208	--	--	--	--	0.8	20	--	--	--
32755	881208	--	--	--	--	0.3	<5	--	--	--
32756	881208	--	--	--	--	0.3	<5	--	--	--
32757	881208	--	--	--	--	<0.1	<5	--	--	--
32758	881208	--	--	--	--	<0.1	40	--	--	--
32759	881208	--	--	--	--	<0.1	<5	--	--	--
32760	881208	--	--	--	--	0.4	35	--	--	--
32761	881208	--	--	--	--	0.1	15	--	--	--
32762	881208	--	--	--	--	0.3	20	--	--	--
32763	881208	--	--	--	--	0.2	20	--	--	--
32764	881208	--	--	--	--	0.1	<5	--	--	--
32912	881284	--	--	--	--	>50.0	<5	--	8.10	--
32912	881340	--	--	--	--	0.1	30	--	--	--

Minimum Detection 650001 1 1 2 1 0.1 5 3 0.01 0.005
 Maximum Detection 999999 1000 20000 20000 20000 50.0 10000 1000 100.00 10.000
 < = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum

REPORT #: 881865 DA

RANGEX Project: TIC 9

Page 3 of 3

Sample Number	Jobno	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	W ppm	Ag oz/st	Au oz/st
32913	881340	--	--	--	--	0.5	45	--	--	--
32914	881340	--	--	--	--	0.1	30	--	--	--
32915	881340	--	--	--	--	<0.1	40	--	--	--
32916	881340	--	--	--	--	<0.1	<5	--	--	--
32917	881340	--	--	--	--	0.1	20	--	--	--
32918	881340	--	--	--	--	0.2	800	--	--	--
32919	881340	--	--	--	--	<0.1	<5	--	--	--
32920	881340	--	--	--	--	0.4	<5	--	--	--
32921	881340	--	--	--	--	0.1	160	--	--	--
32922	881340	--	--	--	--	0.2	40	--	--	--
32923	881340	--	--	--	--	7.9	150	--	--	--
32924	881340	--	--	--	--	1.4	40	--	--	--
32925	881340	--	--	--	--	0.8	20	--	--	--
32926	881340	--	--	--	--	<0.1	70	--	--	--
32927	881340	--	--	--	--	<0.1	170	--	--	--

Minimum Detection 650001 1 1 2 1 0.1 5 3 0.01 0.005
 Maximum Detection 999999 1000 20000 20000 20000 50.0 10000 1000 100.00 10.000
 < = Less than Minimum is = Insufficient Sample ns = No sample > = Greater than Maximum



VANGEOCHEM LAB LIMITED

MAIN OFFICE
1521 PEMBERTON AVE.
NORTH VANCOUVER, B.C. V7P 2S3
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

REPORT NUMBER: 881110 6A

JOB NUMBER: 881110

RANGEX SERVICES LTD. TIC 6,7 β

PAGE 1 OF 1

SAMPLE #	Ag ppm	Au ppb
T6 RRS 23	.3	10
T7 RCS 34	.2	30
- BFS-1 TIC 7 β	.2	15
RCS-28	ng	5
T-8-RRS-20	nd	25
T-8-RRS-21	nd	30
T-8-RRS-22	nd	10
T7 RRS 24	.3	10
T7 RRS 25	.2	10
T7 RC 38	.5	10
T7 RC 39	.9	30

DETECTION LIMIT

0.1 5

nd = none detected

-- = not analysed

is = insufficient sample

7106

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1980 TRIUMPH STREET, VANCOUVER B.C. V6L 1K5 PH: (604)251-5656 TELEX: 04 052570
BRANCH OFFICE: 1630 FANDORA STREET, VANCOUVER B.C. V6L 1L6 PH: (604)251-7282 FAX: (604)251-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SB, AN, FE, CA, F, CR, NG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, --= NOT ANALYZED

COMPANY: RANGEX SERVICES
ATTENTION: K. KAYE
PROJECT: KESTREL

REPORT#: 881588PA
JOB#: 881588
INVOICE#: 881588NA

DATE RECEIVED: 88/10/05
DATE COMPLETED: 88/10/29
COPY SENT TO:

ANALYST

PAGE 11 OF 5

SAMPLE NAME	AG	AL	AS	AU	BA	BI	CA	CD	CO	CR	CU	FE	K	MG	NA	NO	NA	NI	P	PB	PD	PT	SB	SN	SR	U	W	ZN	
	PPM	U	PPM	PPM	PPM	PPM	U	PPM	PPM	PPM	PPM	U	U	U	PPM	PPM	U	PPM	U	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
3235A	.8	.78	13	ND	83	ND	.26	.1	7	134	2698	1.57	.08	.45	337	7	.01	4	.02	21	ND	ND	ND	ND	1	4	ND	ND	48
3235B	2.9	.33	13	ND	33	ND	.07	.1	3	77	8159	1.23	.04	.08	107	3	.01	3	.01	16	ND	ND	ND	ND	1	22	ND	ND	23

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1980 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEX: 04 352570
BRANCH OFFICE: 1630 FANDORA STREET, VANCOUVER B.C., V5L 1L6 PH: (604)251-7282 FAX: (604)251-5717

ICAP GEOCHEMICAL ANALYSIS

A .55 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, P, CR, NG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PB DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: RANGEX SERVICES
ATTENTION: K. KAYE
PROJECT: KESTREL

REPORT#: 881588PA
JOB#: 881588
INVOICE#: 881588NA

DATE RECEIVED: 88/10/05
DATE COMPLETED: 88/10/29
COPY SENT TO:

ANALYST *V. Kaye*

SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CO PPM	CR PPM	CU PPM	FE I	K I	MG I	MN PPM	MO PPM	NA I	NI PPM	P I	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM	
32260	.1	1.00	18	ND	545	ND	1.60	.5	8	169	158	1.87	.30	.91	677	2	.01	9	.03	28	ND	ND	ND	1	123	ND	ND	257
32261	.1	.40	ND	ND	545	3	0.80	1.7	14	56	76	6.65	1.46	3.40	2392	3	.02	9	.05	18	ND	ND	ND	ND	496	ND	ND	249
32262	.1	.50	9	ND	193	ND	2.45	.6	4	162	31	2.62	.43	1.72	1261	2	.01	11	.02	17	ND	ND	ND	1	66	ND	ND	171
32263	.1	.40	13	ND	201	ND	2.97	1.1	5	84	40	2.65	.51	2.04	1318	2	.01	15	.01	14	ND	ND	ND	1	100	ND	ND	166
32274	.1	.30	8	ND	114	ND	.43	.1	4	145	16	1.02	.08	.29	356	1	.01	10	.01	12	ND	ND	ND	ND	12	ND	ND	48
32502	.1	1.54	ND	ND	60	ND	5.91	1.5	8	88	81	2.57	.80	1.12	1489	4	.01	10	.01	25	ND	ND	ND	ND	60	ND	ND	385
32503	.8	.56	10	ND	24	ND	.20	22.6	25	115	351	2.36	.11	.20	274	13	.05	1	.02	20	ND	ND	ND	1	12	ND	ND	1901
32504	.6	.70	4	ND	60	ND	.56	.6	57	127	29	1.62	.13	.11	95	2	.01	5	.02	19	ND	ND	ND	2	56	ND	ND	401
32505	.1	1.41	ND	ND	33	ND	3.04	1.1	89	36	42	4.35	.56	1.89	1322	3	.01	15	.04	22	ND	ND	ND	ND	37	ND	ND	257
32506	.8	1.54	10	ND	6	ND	1.11	1.5	483	134	79	7.63	.41	.64	234	7	.03	28	.03	36	ND	ND	ND	4	114	ND	ND	45
32507	.1	.61	3	ND	42	ND	.14	.5	26	118	50	4.05	.15	.17	129	5	.01	3	.02	24	ND	ND	ND	1	26	ND	ND	35
32710	.8	.89	1185	ND	90	ND	.38	.1	55	141	69	5.19	.23	.39	320	8	.02	8	.02	22	ND	ND	ND	3	37	ND	ND	378
32731	.1	.12	ND	ND	259	ND	1.27	.1	5	174	19	1.62	.22	.65	995	3	.01	15	.01	9	ND	ND	ND	1	79	ND	ND	37
32732	.1	.25	10	ND	88	ND	2.57	.8	19	32	22	4.66	.51	1.87	1048	4	.01	11	.06	40	ND	ND	ND	1	90	ND	ND	375
32733	.1	.27	ND	ND	175	ND	5.07	.8	1	151	12	2.76	.80	3.50	1107	5	.01	20	.01	9	ND	ND	ND	1	484	ND	ND	61
32734	.1	.56	ND	ND	168	ND	3.92	.9	22	140	145	3.62	.66	2.34	874	2	.01	24	.06	12	ND	ND	ND	1	378	ND	ND	59
32735	.1	.17	ND	ND	95	ND	3.23	1.1	3	197	13	2.45	.52	2.08	727	3	.01	13	.01	6	ND	ND	ND	1	75	ND	ND	39
32736	1.1	.98	20	ND	31	ND	.98	.1	3	105	35	.62	.03	.06	54	5	.01	11	.01	8	ND	ND	ND	1	4	ND	ND	18
32737	.1	1.42	ND	ND	1848	ND	8.17	1.2	20	109	213	3.54	1.22	2.37	1377	5	.01	22	.07	36	ND	ND	ND	ND	139	ND	ND	56
32738	.1	.37	ND	ND	120	ND	4.24	.7	41	28	24	3.95	.72	1.54	2242	1	.01	19	.14	9	ND	ND	ND	1	42	ND	ND	13

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEX: 04 052570
 BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)251-5717

ICAP GEOCHEMICAL ANALYSIS

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 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: RANGEX SERVICES
 ATTENTION: K. KAYE
 PROJECT: KESTREL

REPORT#: 881588PA
 JOB#: 881588
 INVOICE#: 881588NA

DATE RECEIVED: 88/10/05
 DATE COMPLETED: 88/10/29
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PAGE 1 OF 5

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	NI PPM	NO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	Zn PPM
32317	.1	1.08	217	ND	41	8	16.10	8.5	7	27	15088	10.82	2.54	.70	1156	5	.03	3	.01	72	ND	ND	ND	62	32	ND	ND	243
32318	.1	.17	ND	ND	524	ND	44.32	.1	1	2	298	2.04	6.07	2.41	2220	1	.01	7	.01	14	ND	ND	ND	ND	475	ND	ND	71
32319	.1	.45	ND	ND	11	9	.46	7.6	253	39	1314	38.98	1.41	.47	682	8	.08	166	.01	52	ND	ND	25	ND	35	ND	ND	50
32320	2.3	1.87	9	ND	97	ND	.92	.7	22	29	2663	3.97	.25	1.55	565	8	.01	14	.05	34	ND	ND	ND	ND	24	ND	ND	79
32321	1.7	1.59	14	ND	91	ND	.13	1.1	9	85	10243	3.25	.13	.99	525	5	.01	6	.04	41	ND	ND	ND	ND	7	ND	ND	72
32322	.8	1.40	ND	ND	302	ND	.38	.5	8	77	2964	2.73	.14	.94	718	8	.01	7	.04	24	ND	ND	ND	ND	10	ND	ND	63
32323	3.1	.30	483	ND	8	10	.09	54.2	26	58	1547	35.86	1.25	.27	265	16	.19	38	.01	117	ND	ND	20	ND	3	ND	ND	5623
32324	.1	.44	ND	ND	63	9	1.92	9.7	11	10	3056	48.35	1.93	.39	478	20	.10	19	.01	8	ND	ND	38	ND	43	ND	ND	141
32325	6.5	.60	77	ND	10	ND	.20	1.3	14	110	19594	4.72	.19	.37	238	7	.01	19	.05	20	ND	ND	ND	ND	9	ND	ND	55
32326	1.1	.62	66	ND	21	ND	.38	.2	11	24	425	3.85	.19	.43	450	7	.01	9	.10	116	ND	ND	ND	ND	67	ND	ND	57
32327	.1	.24	ND	ND	63	ND	19.06	.2	1	7	2071	2.08	2.66	1.75	5373	ND	.01	2	.01	52	ND	ND	ND	ND	191	ND	ND	112
32328	.8	2.14	62	ND	16	6	.52	3.8	83	19	129	15.96	.61	1.88	716	322	.03	74	.19	83	ND	ND	ND	3	18	ND	ND	83
32329	.1	.48	16	ND	52	ND	11.40	1.4	27	21	53	5.62	1.74	3.26	5001	16	.01	31	.02	27	ND	ND	ND	ND	132	ND	ND	93
32330	.1	.38	114	ND	33	ND	3.34	.6	20	114	31	3.51	.57	1.49	1885	32	.01	131	.05	36	ND	ND	ND	ND	38	ND	ND	83
32331	.1	1.02	555	ND	26	ND	7.28	.1	20	23	25	6.87	1.22	1.84	2898	10	.01	27	.02	26	ND	ND	ND	ND	99	ND	ND	53
32332	15.4	.36	19032	ND	2	8	.25	.1	57	67	4078	26.62	.95	.31	171	16	.06	39	.01	47	ND	ND	83	ND	5	ND	ND	184
32333	.1	2.47	501	ND	2	10	.23	5.7	44	29	1444	30.46	1.09	1.24	179	11	.06	33	.01	57	ND	ND	38	ND	5	ND	ND	85
32334	.1	.98	769	ND	3	10	1.45	32.4	55	35	1320	34.15	1.38	.86	724	17	.19	39	.01	57	ND	ND	33	ND	28	ND	ND	5559
32335	.4	.20	277	ND	2	8	.92	6.4	57	57	786	30.04	1.16	.16	174	13	.06	29	.01	31	ND	ND	5	ND	14	ND	ND	125
32336	.1	.35	ND	ND	23	10	2.07	8.3	23	19	1246	45.70	1.87	.25	876	11	.09	26	.01	9	ND	ND	38	ND	28	ND	5	79
32337	6.5	.51	746	ND	2	11	1.57	>1000	20	84	1170	21.92	.97	.48	437	64	3.80	27	.01	67	ND	ND	7	4	26	ND	85	>102
32338	.3	.38	674	ND	2	8	.23	25.7	142	69	1007	28.05	1.09	.61	707	10	.12	422	.06	36	ND	ND	4	ND	49	ND	ND	2853
32701	.1	3.08	429	ND	9	4	.72	2.2	166	37	1590	11.14	.48	2.66	795	6	.02	97	.95	57	ND	ND	17	2	11	ND	ND	108
32702	.1	.77	ND	ND	218	ND	5.66	.1	10	54	328	2.07	.82	.94	1465	2	.01	6	.95	15	ND	ND	ND	ND	80	ND	ND	63
32703	2.2	.16	76379	ND	9	23	3.24	.1	1481	34	929	31.24	1.53	.76	1216	34	.12	171	.01	38	ND	ND	175	ND	42	ND	ND	2544
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

16

CLIENT: PANSEA SERVICES CORP. DB: 061588 PROJECT: FOSTER REPORT: 881508PA

PAGE 5 OF 5

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BC PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PS PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	V PPM	ZN PPM	
32749	.1	.24	22	ND	108	ND	1.02	.2	3	138	37	2.26	.21	.35	920	4	.01	19	.07	16	ND	ND	ND	2	13	ND	ND	ND	ND
32750	.1	.44	27	ND	104	ND	1.02	.1	10	53	53	2.45	.22	.48	513	2	.01	29	.05	19	ND	ND	ND	2	10	ND	ND	ND	ND
32751	.1	.15	ND	ND	278	ND	2.09	.1	4	124	37	1.85	.35	1.03	534	5	.01	11	.05	10	ND	ND	ND	2	69	ND	ND	ND	ND
32752	.1	.14	ND	ND	188	ND	5.86	5.8	12	74	43	4.76	.96	2.22	993	5	.01	44	.05	12	ND	ND	ND	1	141	ND	ND	ND	441
32753	.9	.22	117	ND	179	ND	.96	1.9	3	90	66	1.84	.19	.71	158	10	.01	41	.05	26	ND	ND	ND	2	20	ND	ND	ND	211
32754	.1	.13	35	ND	109	ND	.95	.1	2	182	28	.77	.03	.03	34	23	.01	27	.02	22	ND	ND	ND	2	4	ND	ND	ND	27
32755	.9	.08	30	ND	70	ND	.08	.1	3	97	30	.77	.03	.01	27	5	.01	21	.11	16	ND	ND	ND	2	6	ND	ND	ND	62
32756	.9	.15	23	ND	117	ND	.93	.2	3	131	30	.80	.03	.02	31	7	.01	9	.08	20	ND	ND	ND	2	6	ND	ND	ND	129
32757	.4	.09	ND	ND	36	ND	.11	.1	3	111	30	1.27	.05	.03	66	1	.01	15	.04	13	ND	ND	ND	2	10	ND	ND	ND	16
32758	.5	.29	ND	ND	96	ND	.98	.1	5	183	31	1.44	.10	.25	131	7	.01	22	.04	18	ND	ND	ND	2	17	ND	ND	ND	23
32759	.1	1.27	ND	ND	92	ND	9.92	.2	11	111	78	2.65	1.51	1.10	2140	3	.02	20	.08	39	ND	ND	ND	1	726	ND	ND	ND	50
32760	.9	.37	77	ND	164	ND	.19	.1	10	105	23	2.46	.11	.12	168	3	.01	37	.04	32	ND	ND	ND	2	22	ND	ND	ND	31
32761	.4	.22	ND	ND	69	ND	1.23	.1	2	98	16	1.26	.21	.75	442	1	.01	14	.02	15	ND	ND	ND	2	76	ND	ND	ND	91
32762	.9	.37	15	ND	152	ND	.50	.1	10	185	24	1.17	.11	.22	303	7	.01	27	.07	15	ND	ND	ND	2	21	ND	ND	ND	19
32763	.9	.49	ND	ND	1237	ND	.74	.2	5	188	166	1.55	.15	.55	393	3	.01	25	.03	25	ND	ND	ND	1	60	ND	ND	ND	197
32764	.2	.40	10	ND	169	ND	1.16	.6	11	167	71	2.94	.26	.71	1636	7	.01	99	.09	24	ND	ND	ND	2	52	ND	ND	ND	201

TIC 9

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEX: 04-052578
 BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)251-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN, AN, FE, CA, P, CR, NG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, --= NOT ANALYZED

28

W. J.

COMPANY: RANGEX SERVICES
 ATTENTION: K. KAYE
 PROJECT: KESTREL

REPORT#: 881588PA
 JOB#: 881588
 INVOICE#: 881588NA

DATE RECEIVED: 88/10/05
 DATE COMPLETED: 88/10/29
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ANALYST

PAGE : 4 5

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CB PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
32500	1.1	.30	100	ND	111	ND	.16	.1	47	85	4380	2.62	.11	.05	640	6	.01	58	.08	17	ND	ND	ND	1	7	ND	ND	37
32509	2.5	.22	153	ND	46	3	3.59	.6	55	74	13215	4.85	.64	1.81	1535	5	.01	121	.08	15	ND	ND	ND	1	19	ND	ND	34
32510	.1	.12	99	ND	38	3	6.45	1.2	31	34	3344	4.98	1.04	3.30	2096	2	.01	33	.06	7	ND	ND	ND	ND	27	ND	ND	29
32511	1.1	.17	110	ND	51	ND	.14	.1	15	179	249	1.97	.08	.08	150	26	.01	61	.04	18	ND	ND	ND	1	4	ND	ND	28
32512	.1	.36	22	ND	68	ND	3.77	1.1	17	24	345	4.04	.64	1.93	1451	2	.01	18	.13	9	ND	ND	ND	ND	86	ND	ND	27
32513	.4	.07	48	ND	29	ND	.07	.1	7	132	140	.97	.04	.05	217	8	.01	24	.01	10	ND	ND	ND	1	3	ND	ND	21
32514	.1	.86	8	ND	45	ND	1.61	.1	5	211	43	1.67	.28	.55	508	8	.01	8	.03	27	ND	ND	ND	ND	103	ND	ND	53
32515	.1	3.40	18	ND	123	ND	1.62	1.2	25	175	1128	4.75	.39	4.09	1364	5	.01	53	.12	52	ND	ND	ND	1	61	ND	ND	139
32516	.2	.06	ND	ND	47	ND	.12	.1	2	213	37	.39	.03	.08	129	3	.01	6	.01	6	ND	ND	ND	1	3	ND	ND	22
32517	.2	.19	114	ND	162	ND	.02	1.2	5	115	139	6.48	.22	.03	86	15	.03	57	.17	21	ND	ND	ND	1	3	ND	ND	300
32518	.5	.18	ND	ND	68	ND	.40	.2	4	91	62	1.63	.11	.18	140	1	.01	13	.02	8	ND	ND	ND	1	8	ND	ND	28
32519	.1	.14	ND	ND	58	ND	3.59	.8	7	205	35	3.00	.58	1.62	898	7	.01	41	.01	5	ND	ND	ND	ND	40	ND	ND	80
32520	.1	.31	ND	ND	106	ND	.60	.1	4	160	23	1.82	.14	.28	602	2	.01	18	.01	10	ND	ND	ND	1	40	ND	ND	45
32521	.1	.21	ND	ND	288	ND	1.63	.3	3	195	18	1.47	.28	.89	690	3	.01	11	.01	6	ND	ND	ND	1	220	ND	ND	31
32522	.1	1.26	7	ND	92	ND	1.82	.2	4	185	22	1.64	.30	1.29	765	2	.01	15	.01	24	ND	ND	ND	1	138	ND	ND	82
32523	.3	1.96	17	ND	216	ND	.38	.8	5	167	28	2.68	.14	2.04	424	8	.01	17	.03	38	ND	ND	ND	2	13	ND	ND	76
32524	.1	.83	8	ND	123	ND	.81	.1	5	154	42	1.72	.16	.92	472	2	.01	13	.02	19	ND	ND	ND	1	8	ND	ND	39
32525	.1	1.51	22	ND	40	ND	2.01	1.1	10	53	104	2.74	.36	2.52	1235	5	.01	36	.05	43	ND	ND	ND	3	42	ND	ND	150
32739	.1	1.32	ND	ND	46	ND	7.43	.2	10	104	24	2.93	1.10	1.23	1200	5	.01	18	.05	23	ND	ND	ND	ND	156	ND	ND	31
32740	.1	.26	ND	ND	64	ND	7.77	.7	16	19	86	4.02	1.18	2.08	1845	1	.01	20	.11	10	ND	ND	ND	ND	159	ND	ND	31
32741	.1	.26	ND	ND	208	ND	7.40	1.1	13	64	187	4.05	1.13	2.43	1283	2	.01	30	.01	7	ND	ND	ND	1	117	ND	ND	41
32742	2.2	3.03	22	ND	60	ND	1.25	1.7	28	38	77	4.82	.33	2.00	790	5	.02	16	.10	74	ND	ND	ND	7	51	ND	ND	125
32743	.1	.52	347	ND	25	ND	2.24	.1	64	59	71	5.03	.47	.91	891	4	.02	19	.15	15	ND	ND	ND	1	30	ND	ND	14
32744	.1	1.06	16	ND	47	ND	2.53	1.1	29	25	155	4.48	.49	1.40	680	2	.01	20	.18	23	ND	ND	ND	1	118	ND	ND	60
32745	1.7	3.23	18	ND	78	4	.51	1.7	38	75	8583	5.56	.26	3.74	712	5	.02	29	.17	53	ND	ND	5	1	16	ND	ND	112
32746	.1	1.21	4	ND	78	ND	.96	.7	10	64	216	2.76	.22	.88	310	8	.01	22	.07	20	ND	ND	ND	1	29	ND	ND	47
32747	.4	.11	9	ND	56	ND	.97	.1	7	126	107	1.35	.18	.47	656	2	.01	27	.05	6	ND	ND	ND	1	29	ND	ND	16
32748	.3	.41	14	ND	93	ND	.96	.7	17	116	85	4.69	.29	.75	923	8	.02	104	.17	15	ND	ND	ND	1	29	ND	ND	82
DETECTION LIMIT	.1	.01			1		.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	1	5	2			1	1	1

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEFAX: 52578
 BRANCH OFFICE: 1630 FANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604)251-7212 FAX: (604)251-5717

34

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 20 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR S, Pb, Fe, Ca, P, Cr, Ni, Ba, Pd, Al, Mn, X, N, Pt AND SR. AU AND PO DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: RANGEX SERVICES
 ATTENTION: K. KAYE
 PROJECT: KESTREL

REPORT#: 881588PA
 JOB#: 881588
 INVOICE#: 881588NA

DATE RECEIVED: 88/10/05
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ANALYST *V. Kaye*

PAGE 1 OF 5

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	V PPM	Zn PPM
32264	.3	.14	14	ND	317	ND	.38	.1	5	123	26	.72	.07	.19	169	1	.01	9	.03	12	ND	ND	ND	1	26	ND	ND	107
32265	.1	.73	6	ND	101	ND	4.80	.1	6	112	31	1.67	.71	.69	967	1	.01	6	.02	17	ND	ND	ND	ND	164	ND	ND	113
32266	.3	.14	181	ND	135	ND	.10	.6	13	125	73	5.00	.19	.03	274	11	.02	57	.10	16	ND	ND	ND	1	7	ND	ND	113
32267	.3	.04	21	ND	78	ND	.12	.1	5	128	41	.48	.03	.02	116	1	.01	59	.06	14	ND	ND	ND	1	7	ND	ND	69
32268	.8	.07	14	ND	152	ND	.32	.1	6	165	344	.93	.07	.19	197	3	.01	15	.01	12	ND	ND	ND	1	20	ND	ND	63
32269	.8	.17	12	ND	159	ND	.08	.1	4	271	40	.70	.03	.10	408	10	.01	12	.01	14	ND	ND	ND	2	5	ND	ND	63
32270	.1	.04	9	ND	89	ND	.94	.1	4	131	55	.91	.16	.48	351	1	.01	8	.01	8	ND	ND	ND	ND	42	ND	ND	59
32271	.1	.11	5	ND	109	ND	.56	.1	4	202	20	1.16	.12	.19	585	4	.01	8	.01	9	ND	ND	ND	ND	23	ND	ND	51
32272	.1	.19	ND	ND	135	ND	1.38	.2	3	198	13	1.36	.25	.70	795	7	.01	10	.02	7	ND	ND	ND	ND	212	ND	ND	51
32273	.1	.08	3	ND	52	ND	2.02	.1	2	185	12	1.76	.34	1.10	767	1	.01	8	.01	5	ND	ND	ND	ND	197	ND	ND	50
32275	.1	.06	ND	ND	1038	ND	2.04	1.1	5	224	36	1.56	.32	1.29	861	8	.01	13	.01	7	ND	ND	ND	ND	45	ND	ND	130
32276	.8	.25	30	ND	159	ND	.29	.1	8	190	25	.88	.07	.26	249	5	.01	13	.01	13	ND	ND	ND	1	10	ND	ND	72
32277	1.3	.17	11	ND	137	ND	.69	.2	6	32	925	1.38	.14	.43	148	1	.01	14	.01	10	ND	ND	ND	1	34	ND	ND	75
32278	.1	.07	3	ND	47	ND	1.61	.1	5	209	31	1.36	.26	.48	652	8	.01	14	.01	4	ND	ND	ND	ND	11	ND	ND	34
32279	.3	.13	3	ND	179	ND	.14	.1	4	186	22	.51	.03	.11	266	1	.01	8	.01	9	ND	ND	ND	1	6	ND	ND	55
32280	.1	.11	ND	ND	43	ND	1.31	.1	3	206	14	.40	.19	.08	537	3	.01	6	.01	6	ND	ND	ND	ND	43	ND	ND	34
32281	.3	.36	9	ND	17	ND	.17	.1	8	143	7	1.00	.05	.56	152	1	.01	20	.01	16	ND	ND	ND	1	4	ND	ND	43
32282	.8	.05	ND	ND	60	ND	.03	.1	5	270	19	.41	.01	.01	81	9	.01	9	.01	10	ND	ND	ND	1	5	ND	ND	40
32283	.3	.24	6	ND	256	ND	.05	.1	5	189	14	.68	.03	.17	164	1	.01	10	.03	10	ND	ND	ND	ND	7	ND	ND	38
32239	1.9	2.54	181	ND	9	ND	1.20	1.9	22	38	113	4.78	.32	1.27	506	4	.02	98	.06	56	ND	ND	ND	4	7	ND	ND	241
32340	.1	1.33	468	ND	9	4	2.42	2.9	34	68	381	14.52	.83	1.42	1047	16	.03	172	.05	43	ND	ND	ND	ND	50	ND	ND	206
32341	1.1	1.71	48	ND	23	ND	.16	1.1	11	95	65	3.81	.15	1.20	254	10	.01	41	.03	39	ND	ND	ND	2	6	ND	ND	114
32342	.1	.57	72	ND	15	8	4.67	6.7	2	25	421	34.62	1.84	.47	1860	8	.07	10	.01	20	ND	ND	ND	14	3	43	ND	57
32343	29.2	1.11	230	ND	6	ND	3.61	17.3	31	39	70399	19.61	1.16	.59	1848	16	.10	19	.07	2955	ND	ND	6	38	17	ND	4	2831
32344	38.2	.87	722	ND	2	ND	1.33	20.6	22	61	101	27.38	1.14	.42	1497	28	.11	40	.03	703	ND	ND	32	3	18	ND	ND	2144
32345	2.9	.40	25	ND	57	ND	.20	.4	4	161	9105	1.75	.08	.16	147	7	.01	5	.02	51	ND	ND	ND	1	2	ND	ND	93
32346	.1	.58	ND	ND	30	9	3.35	9.5	ND	19	909	45.99	2.06	.24	1637	10	.10	8	.01	36	ND	ND	42	ND	41	ND	ND	304
32347	.1	2.02	87	ND	16	ND	7.97	1.6	1	57	256	8.19	1.37	1.52	5178	5	.01	7	.04	50	ND	ND	ND	5	79	ND	ND	177
32348	2.9	1.92	156	ND	19	6	6.37	5.2	11	31	8264	17.65	1.48	1.14	3118	10	.04	11	.01	76	ND	ND	ND	5	65	ND	ND	419
32349	16.4	1.88	307	ND	51	6	5.69	20.6	25	38	8845	16.23	1.33	1.04	4616	11	.12	14	.01	1075	ND	ND	ND	23	36	ND	11	4002
32350	1.1	3.46	402	ND	5	6	.45	3.3	57	103	482	15.04	.58	1.36	1053	13	.04	65	.24	37	ND	ND	14	2	7	ND	ND	130
32351	.2	.78	3	ND	53	ND	5.30	.2	9	42	1169	1.66	.76	.34	799	1	.01	4	.03	20	ND	ND	ND	1	61	ND	ND	55
32352	1.7	2.54	33	ND	32	ND	.75	1.1	15	56	116	3.26	.21	1.27	423	7	.01	25	.05	58	ND	ND	ND	4	23	ND	ND	161
32353	1.9	2.73	631	ND	6	3	.63	1.1	36	56	214	8.48	.38	1.43	473	21	.02	73	.08	61	ND	ND	ND	4	12	ND	ND	80
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

APPENDIX V

SAMPLE DESCRIPTIONS

SAMPLE DESCRIPTIONS - TIC 6

<u>Sample No.</u>	<u>Sample Type</u>	<u>Sample Width</u>	<u>Description</u>
32354	Rock Chip	1 m	Chalcopyrite in chlorite/carbonate altered monzonite
32355	"	1 m	Chalcopyrite in quartz veins in monzonite
32425	"	1 m	Pyrite in chloritic intrusion in monzonite
32460	"	1 m	Pyrite in andesite dyke
32928	"	1 m	Pyrite in chlorite alteration

SAMPLE DESCRIPTIONS - TIC 7

<u>Sample No.</u>	<u>Sample Type</u>	<u>Sample Width</u>	<u>Description</u>
32260	Rock/Chip	50 cm	Quartz veins in chloritic schist
32261	"	50 cm	Lusty quartz veins in sericite schist
32262	"	1 m	Rusty quartz veins in black schist
32263	"	50 cm	Quartz vein in schist
32274	"	1 m	Lusty quartz in argillite
32380	"	1 m	Quartz, chlorite in granite with pyrite and epidote
32381	"	1 m	Trace pyrite and epidote in altered feldspar porphyry
32382	"	1 m	Chalcopyrite, calcite, quartz in andesite
32383	"	1.5 m	Disseminated pyrite in siliceous, chloritic schist
32384	"	1.5 m	Pyrite in siliceous chlorite in gossanous zone
32421	"	50 cm	Pyrite in quartz veinlets in banded argillite
32422	"	50 cm	Chalcopyrite in quartz/calcite vein
32423	"	50 cm	Same as 42422
32424	"	50 cm	Chalcopyrite in quartz / calcite
32502	"	1 m	Quartz vein in andesite/monzonite porphyry
32503	"	1.5 m	Large zone of quartz / pyrite / feldspar
32504	"	1 m	Quartz with pyrite cross-cutting andesite dykes
32505	"	50 cm	Pyrite in andesite in fault
32506	"	1 m	Large gossanous zone
32507	"	2 m	Andesite dykes with pyrite and quartz in monzonite

SAMPLE DESCRIPTION - TIC 7 CONTINUED

<u>Sample No.</u>	<u>Sample Type</u>	<u>Sample Width</u>	<u>Description</u>
32710	Rock/Chip	1 m	Trace pyrite in rhyolite
32731	"	50 cm	Quartz in siliceous schistose matrix
32732	"	1 m	Pyrite in altered rock
32733	"	50 cm	Quartz alteration with quartz stringers in shear
32734	"	50 cm	Quartz vein in chloritic schist
32735	"	1 m	Quartz in sericite schist
32736	"	1 m	Altered argillite/schist with some quartz stringers
32737	"	50 cm	Trace chalcopryrite in quartz/calcite fracture filling
32738	"	50 cm	Massive pyrite along fractures in altered siliceous calcite / chlorite

TIC 8 SAMPLES DESCRIPTIONS

Sample No.	Sample Type	Sample Width	Description
32242	Rock Chip	1 m	Trace py in chlorite/calcite altd andesite
32243	Rock Chip	50 cm	Mass py in fracture in dolomite
32244	Rock Chip	50 cm	Mass py in chlorite/calcite fracture filling
32245	Rock Chip	50 cm	Mass py, magnetite
32246	Rock Chip	50 cm	Mass py in fractures in altered calcitic/chloritic dolomite
32247	Rock Chip	1.5 m	Py in siliceous qtz/chlorite block in pyritic limestone
32248	Rock Chip	1 m	Py in limestone
32249	Rock Chip	50 cm	Py in qtz/calcite vein in altered andesite
32250	Rock Chip	1 m	Mass py in chlorite altered andesite
32317	Float		Float rock with py, chalcopyrite, epidote
32318	Rock Chip	50 cm	Calcite vein
32319	Float		Mass py, magnetite in float
32320	Rock Chip	1 m	Chalcopyrite in chloritic qtz, porphy.
32321	Rock Chip	1 m	Malachite, azurite, chalcocite, pyrite in chloritic qtz porphy
32322	Rock Chip	1 m	Chalcopyrite, py, malachite in qtz porphy
32323	Float		Magnetite, py in float boulders
32324	Float		Chalcopyrite, magnetite in float bouldes
32325	Rock Chip	50 cm	Chalcopyrite, malachite in qtz vein in foliated chloritic argillite
32326	Rock Chip	1 m	Pyrite in chloritic argillite
32327	Rock Chip	1 m	Chalcopyrite in calcite/chlorite breccia
32328	Rock Chip	1 m	Pods of pyrite in chlorite alteration
32329	Rock Chip	50 cm	Dissem. pyrite in carbonate vein
32330	Rock Chip	1 m	Pyrite in chloritic argillite
32331	Rock Chip	1 m	Pyrite in limestone
32332	Rock Chip	2 m	Mass py 1 m x 30 m between limestone and chlorite intrusive
32333	Rock Chip	1 m	Same as 32332

<u>Sample No.</u>	<u>Sample Type</u>	<u>Sample Width</u>	<u>Description</u>
32334	Rock Chip	1 m	Same as 32332
32335	Rock Chip	50 cm	Mass py
32336	Rock Chip	1 m	Mass magnetite
32337	Rock Chip	1 m	Mass py/magnetite in limestone/chlorite contact
32338	Rock Chip	1 m	Same as 32337
32340	Rock Chip	1 m	Py veins and qtz stringers in black limestone
32341	Rock Chip	1 m	Pyrite/qtz in andesite
32701	Rock Chip	1 m	Py pod in chlorite/calcite altered andesite with epidote stringers
32702	Rock Chip	1 m	Malachite stain along siliceous calcite/chlorite altered andesite contact
32703	Rock Chip	2 m	6 m by 30 m mass py, magnetite lense on limestone - andesite contact

TIC 9 SAMPLE DESCRIPTIONS

Sample No.	Sample Type	Sample Width	Description
32264	Rock Chip	50 cm	Py in qtz
32265	Rock Chip	50 cm	Rust stained qtz
32266	Rock Chip	50 cm	Tr py in qtz
32267	Rock Chip	1 m	Rusty qtz in argillite
32268	Rock Chip	1 m	Chalcopyrite, py, malachite in qtz outcrop in sericitic schist
32269	Rock Chip	1 m	Py in qtz swarm in argillite
32270	Rock Chip	1 m	Rusty qtz with py in schistose
32271	Rock Chip	50 cm	Rusty qtz in argillite
32272	Rock Chip	1 m	Qtz swarm in argillite
32273	Rock Chip	1.5 m	Qtz veins in argillite
32275	Rock Chip	1.5 m	Qtz pod in iron stained sericite schist
32276	Rock Chip	2 m	Several qtz veins and pods
32277	Rock Chip	1 m	Malachite, chalcopyrite, py in qtz eins in altered schistose
32278	Rock Chip	50 cm	Rusty qtz in altered schist
32279	Rock Chip	50 cm	Vuggy qtz in rust stained schist
32280	Rock Chip	50 cm	Qtz vein
32281	Rock Chip	1 m	Frothy qtz mound
32282	Rock Chip	1 m	Qtz veins in altered schist
32283	Rock Chip	1 m	Qtz vein in schist
32339	Rock Chip	1 m	Siliceous chlorite altered argillite
32342	Rock Chip	1 m	Malachite / magnetite skarn on limestone/ chlorite contact
32343	Rock Chip	2 m	Pod with chalcopyrite, malachite, azurite in skarn zone
32344	Rock Chip	1.5 m	Chalcopyrite in skarn
32345	Rock Chip	50 cm	Small veins of chalcopyrite in limestone
32346	Rock Chip	1 m	Magnetite and malachite in skarn
32347	Rock Chip	50 cm	Calcite / chlorite band with pyrite
32348	Rock Chip	1 m	Pyrite in zone of calcite and chlorite

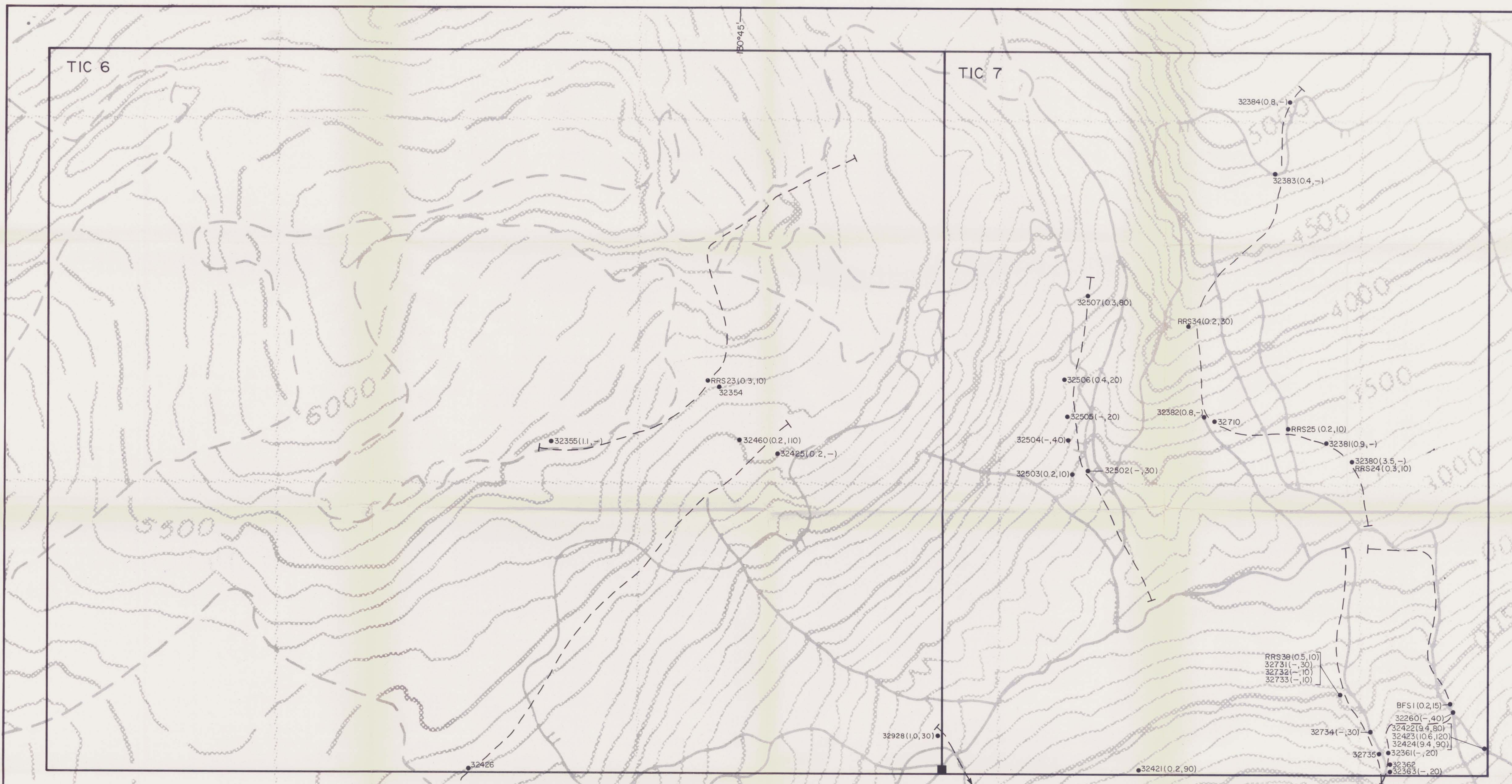
<u>Sample No.</u>	<u>Sample Type</u>	<u>Sample Width</u>	<u>Description</u>
32349	Rock Chip	1.5 m	Malachite/chalcopyrite/magnetite in chlorite/limestone alteration
32350	Rock Chip	50 cm	Pyrite in banded argillite and limestone
32351	Rock Chip	1 m	Chalcopyrite and malachite in frothy purple carbonate
32352	Rock Chip	1 m	Trace pyrite in siliceous andesite
32353	Rock Chip	2 m	40% pyrite in siliceous chloritic altn. zone
32508	Rock Chip	1 m	Malachite stained gossanous sediment
32509	Rock Chip	1 m	Chalcopyrite in sediments
32510	Rock Chip	1.5 m	Pyrite in brecciated sedimentary rock
32511	Rock Chip	1 m	Qtz veins in siliceous sediments
32512	Rock Chip	1 m	Pyrite/calcite in sediments
32513	Rock Chip	50 cm	Vuggy qtz
32514	Rock Chip	1 m	Qtz veins in sediments
32515	Rock Chip	1.5 m	Chalcopyrite in qtz veins in sediments
32516	Rock Chip	50 cm	Qtz vein
32517	Rock Chip	50 cm	Pyrite in qtz vein
32518	Rock Chip	50 cm	Pyrite in qtz vein
32519	Rock Chip	1 m	Pyrite in qtz in argillite
32520	Rock Chip	1 m	Qtz veins in argillite
32521	Rock Chip	1 m	Qtz veining in rusty argillite
32522	Rock Chip	1 m	Vuggy qtz veins in argillite
32523	Rock Chip	50 cm	Qtz/calcite with pyrite in argillite
32524	Rock Chip	50 cm	Vuggy qtz in siliceous sediments
32525	Rock Chip	1 m	Py in qtz carbonate veins
32739	Rock Chip	1 m	Hematite in calcite/chlorite breccia
32740	Rock Chip	1 m	Tr py/chalcopyrite with calcite on limestone / sericite schist contact
32741	Rock Chip	1 m	Tr py/chalcopyrite in limestone breccia
32742	Rock Chip	2 m	Pyritic zone in siliceous chloritic altn.
32743	Rock Chip	1 m	Mass py/chlorite in altered limestone
32744	Rock Chip	1 m	Calcite / chlorite altn with pyrite

<u>Sample No.</u>	<u>Sample Type</u>	<u>Sample Width</u>	<u>Description</u>
32744	Rock Chip	1 m	Calcite/chlorite alteration with py
32745	Rock Chip	50 cm	Calcite fracture filling with py, chalcopyrite
32746	Rock Chip	1 m	Diss. py in calcite/chlorite alteration veins in baked schist
32747	Rock Chip	1 m	Qtz/chlorite/iron oxide/py alteration in chloritic schist
32748	Rock Chip	1 m	Qtz veins in chloritic schist
32749	Rock Chip	1 m	Qtz breccia pod in chloritic schist
32750	Rock Chip	50 cm	Qtz/sericite schist in shear zone
32751	Rock Chip	1 m	Py in qtz in chloritic schist
32752	Rock Chip	1 m	Qtz altered schist
32753	Rock Chip	1 m	Same as 32752
32754	Rock Chip	50 cm	Qtz stringers in baked schist
32755	Rock Chip	1 m	Qtz/chlorite alteration in chloritic schist
32756	Rock Chip	1.5 m	Qtz alteration in baked schist
32757	Rock Chip	1.5 m	Pyrite and altered chlorite in qtz block
32758	Rock Chip	50 cm	Grab sample of qtz block
32759	Rock Chip	50 cm	Pyrite in altered chlorite/qtz/calcite block
32760	Rock Chip	1 m	Vuggy qtz stringers with py in sericite schist
32761	Rock Chip	50 cm	Qtz fracture filling in sericite schist
32762	Rock Chip	50 cm	Py in qtz on contact with chert/altered schist
32763	Rock Chip	1 m	Chalcopyrite in qtz vein in siliceous altered zone
32764	Rock Chip	1 m	Qtz alteration in gossanous zone
32912	Rock Chip	50 cm	Pyrite, chalcopyrite in qtz
32913	Float		Float rock, mass py, arsenopyrite
32914	Rock Chip	1 m	Mass py, arsenopyrite in altered qtz
32915	Rock Chip	1 m	Tr py in syenite
32916	Rock Chip	50 cm	Py in chloritic qtz

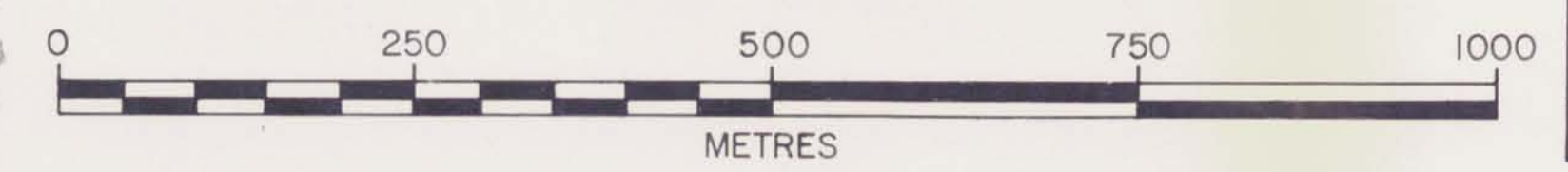
<u>Sample No.</u>	<u>Sample Type</u>	<u>Sample Width</u>	<u>Description</u>
32917	Rock Chip	1 m	Shale with bands of pyrite
32918	Rock Chip	50 cm	Pyrite in frothy qtz stringer
32919	Rock Chip	50 cm	Qtz stringer with malachite stain
32920	Rock Chip	1 m	Pyritic zone in altered rock
32922	Rock Chip	1.5 m	Siliceous zone with qtz on shear
32923	Rock Chip	1.5 m	Mass py / chalcopyrite in qtz/chlorite alteration zone
32924	Rock Chip	1 m	Same as 32923
32925	Rock Chip	1 m	Resample 32923
32926	Rock Chip	2 m	Resample 32923
32927	Rock Chip	1 m	Resample 32923

TIC 6

TIC 7



- 32507(0.3,80) ← Rock Sample Location and Number
Ag ≥ 0.1ppm, Au ≥ 5ppb
- RRS25(0.2,10) ← Silt Sample Location and Number
Ag ≥ 0.1ppm, Au ≥ 5ppb
- Legal Corner Post (LCP)
- Contour Interval - 100 Feet



Traverse

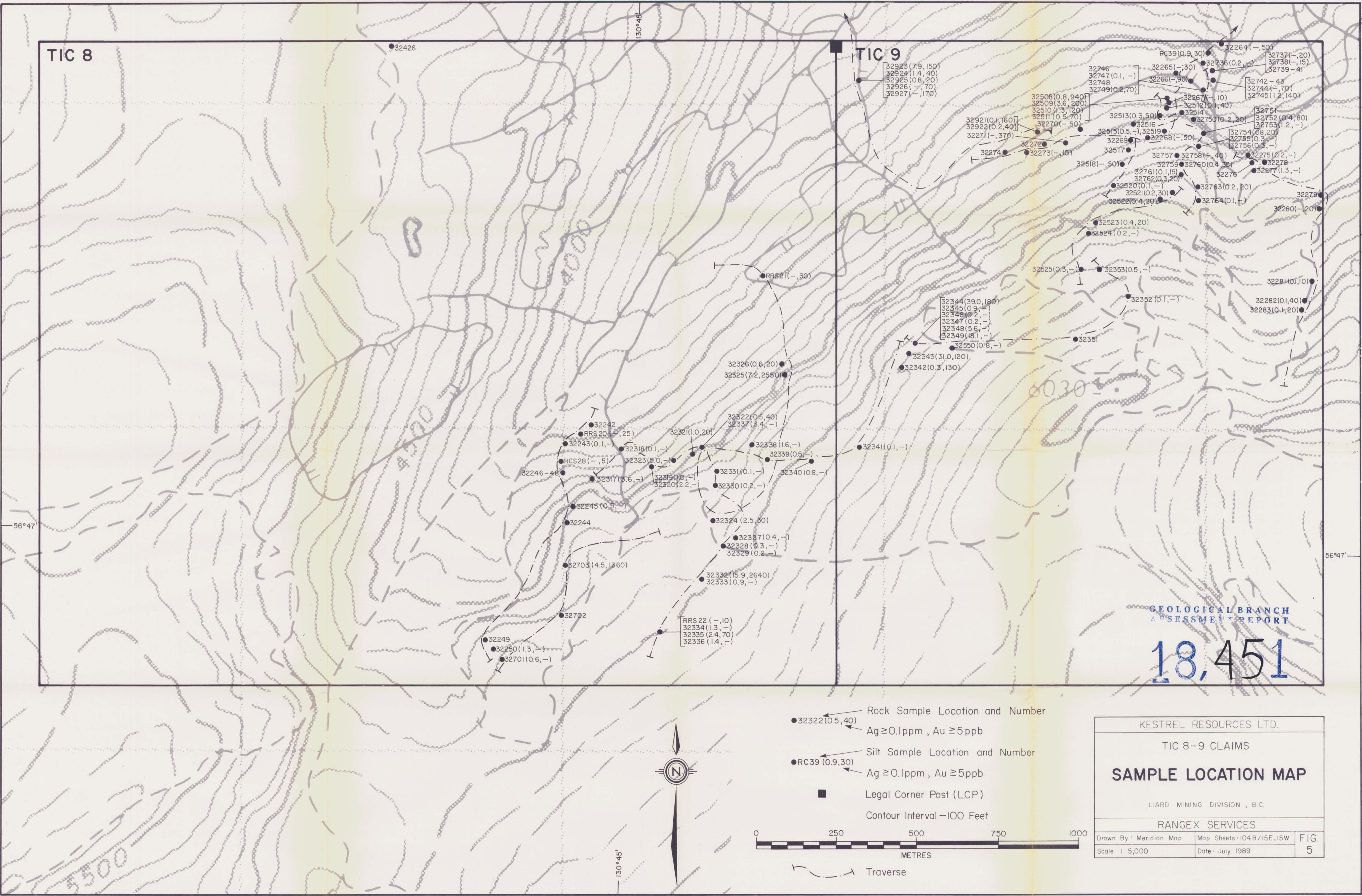
KESTREL RESOURCES LTD.		
TIC 6-7 CLAIMS		
SAMPLE LOCATION MAP		
LIARD MINING DIVISION, B.C.		
RANGEX SERVICES		
Drawn By: Meridian Map	Map Sheets: 104 B/15E, 15W	FIG.
Scale: 1:5,000	Date: July 1989	4

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TIC 8

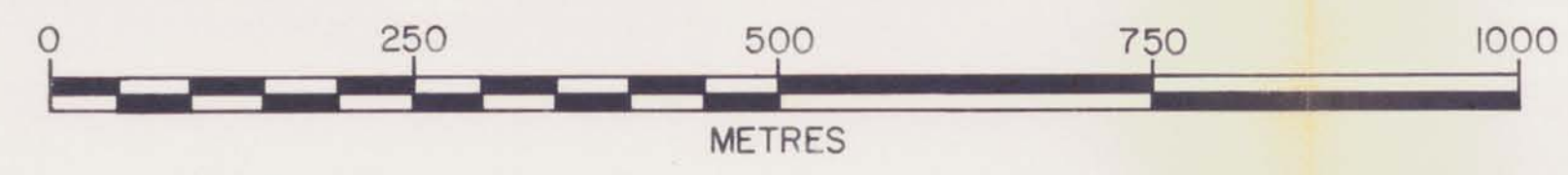
TIC 9



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- 32322(0.5,40) ← Rock Sample Location and Number
Ag ≥ 0.1ppm, Au ≥ 5ppb
- RC39(0.9,30) ← Silt Sample Location and Number
Ag ≥ 0.1ppm, Au ≥ 5ppb
- Legal Corner Post (LCP)
- Contour Interval - 100 Feet

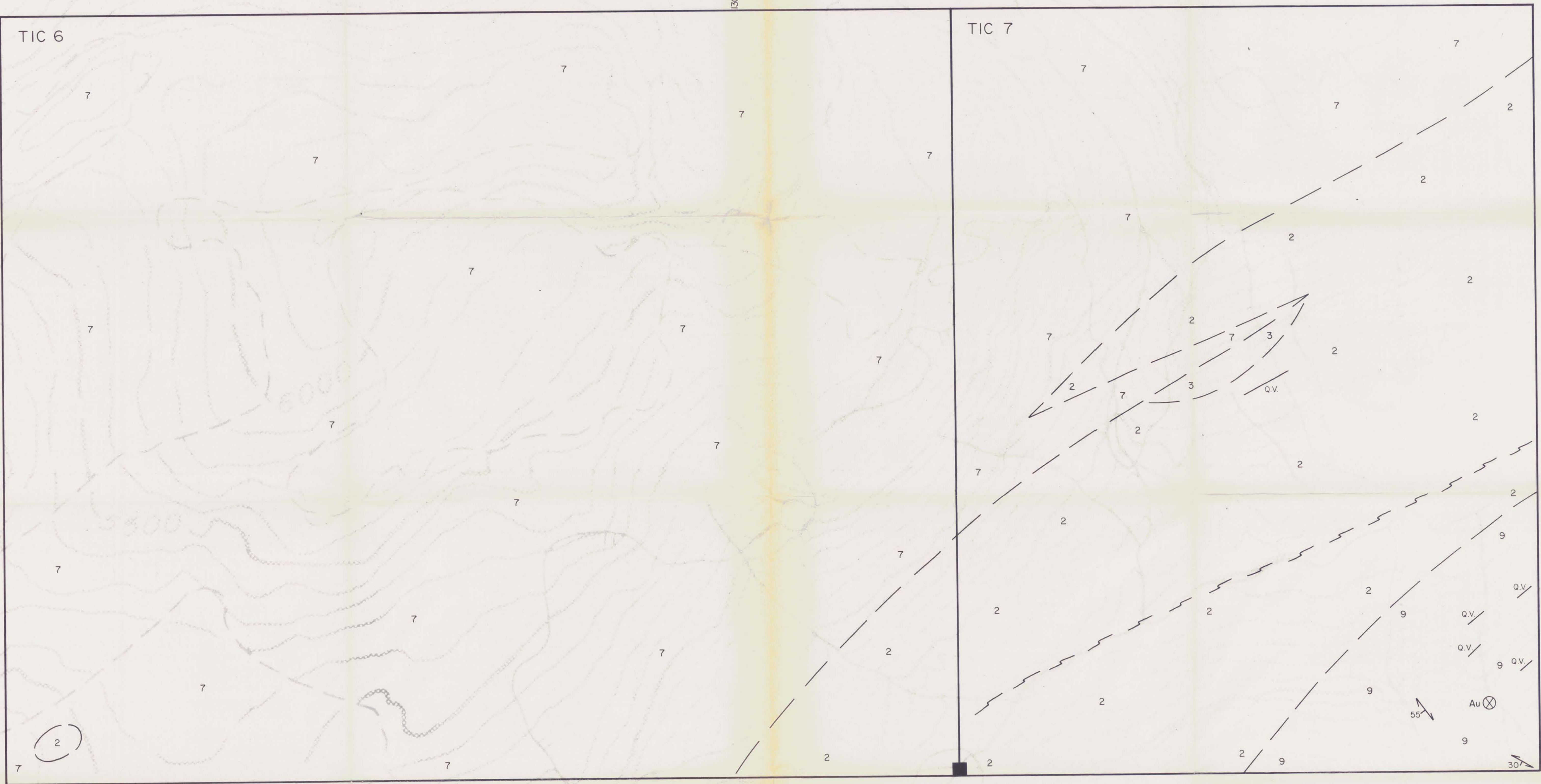


KESTREL RESOURCES LTD.		
TIC 8-9 CLAIMS		
SAMPLE LOCATION MAP		
LIARD MINING DIVISION, B.C.		
RANGEX SERVICES		
Drawn By: Meridian Map	Map Sheets: 104B/15E, 15W	FIG 5
Scale: 1:5,000	Date: July 1989	

130°45'

TIC 6

TIC 7



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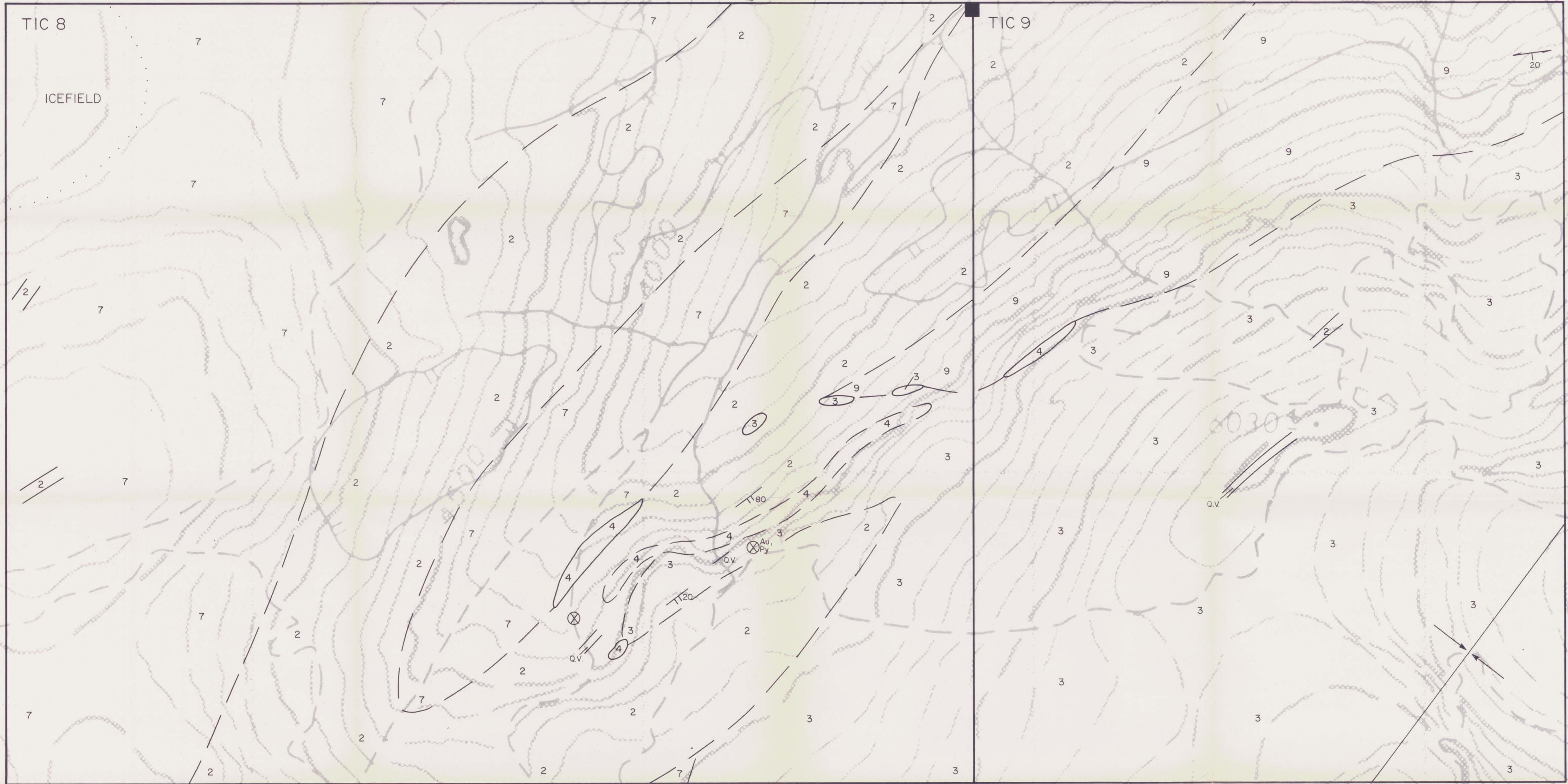


- Geological Boundary (Defined, Approximate)
- Quartz Vein
- Schistosity
- Fault
- Mineral Occurrence
- LCP
- Contour Interval - 100 Feet

- Volcanic - Andesite Breccia, Andesite Flows, Tuffs, And Pyroclastic Rocks
- Sediments - Argillites, Shales, Cherty Sediments, Calcareous Sediments
- Intrusive - Granite, Granodiorite, Quartz Diorite, Diorite
- Metamorphic - Foliated Rocks, Chlorite, Mica Sheets, Argillaceous Schists, Gneisses (minor)

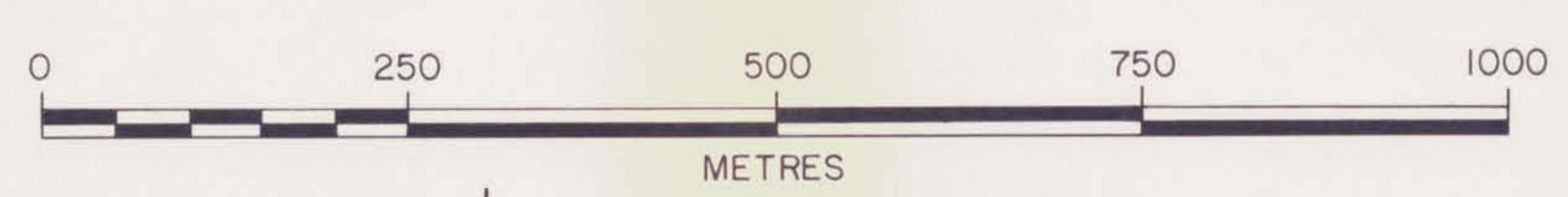


KESTREL RESOURCES LTD.		
TIC 6-7 CLAIMS		
PROPERTY GEOLOGY MAP		
LIARD MINING DIVISION, B.C.		
RANGEX SERVICES		
Drawn By: Meridian Map	Map Sheets: 104B/15E, 15W	FIG. 6
Scale: 1:5,000	Date: July 1989	



- Geological Boundary (Defined, Approximate)
- Quartz Vein
- Schistosity
- Bedding
- Fault
- Mineral Occurrence
- LCP
- Contour Interval - 100 Feet

- Volcanic - Andesite Breccia, Andesite Flows, Tuffs, And Pyroclastic Rocks
- Sediments - Argillites, Shales, Cherty Sediments, Calcareous Sediments
- Sediments - Fossiliferous Limestone, Recrystallized Limestone, Dolomite
- Intrusive - Granite, Grandiorite, Quartz Diorite, Diorite
- Metamorphic - Foliated Rocks, Chlorite, Mica Sheets, Argillites, Gneisses, Schists



KESTREL RESOURCES LTD.		
TIC 8-9 CLAIMS		
PROPERTY GEOLOGY MAP		
LIARD MINING DIVISION, B.C.		
RANGEX SERVICES		
Drawn By: Meridian Map	Map Sheets 104 B/15E, 15W	FIG. 7
Scale 1:5,000	Date: July 1989	

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