REPORT ON THE

REST 1-2, KER 9, TIC 4-5 MINERAL CLAIMS)

1990 GEOCHEMICAL SAMPLING PROGRAM

ISKUT RIVER AREA
LIARD MINING DIVISION
BRITISH COLUMBIA

56°55' NORTH LATITUDE
130°48' WEST LONGITUDE
N.T.S. 104 B/15

Work Period: June 1990 - September 1990

Owner and Operator:
KESTREL RESOURCES LTD.
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May 14, 1991

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INTRODUCTION

During the summer of 1990, Kestrel Resources Ltd. completed a geochemical rock sampling program on the REST 1-2, KER 9 and TIC 4-5 mineral claims.

The claims are located approximately 10 kilometres northeast of Newmont Lake in the Iskut River area (NTS 104 B/15).

The 1990 geochemical was designed to fill in certain gaps in geochemical sampling programs completed in 1988 and 1989. During July-August of 1990, 26 rock chip samples were collected.

The eastern half of the claim block is underlain by Jurassic intrusives while the western part of the claim block lies within the Newmont Lake Graben.

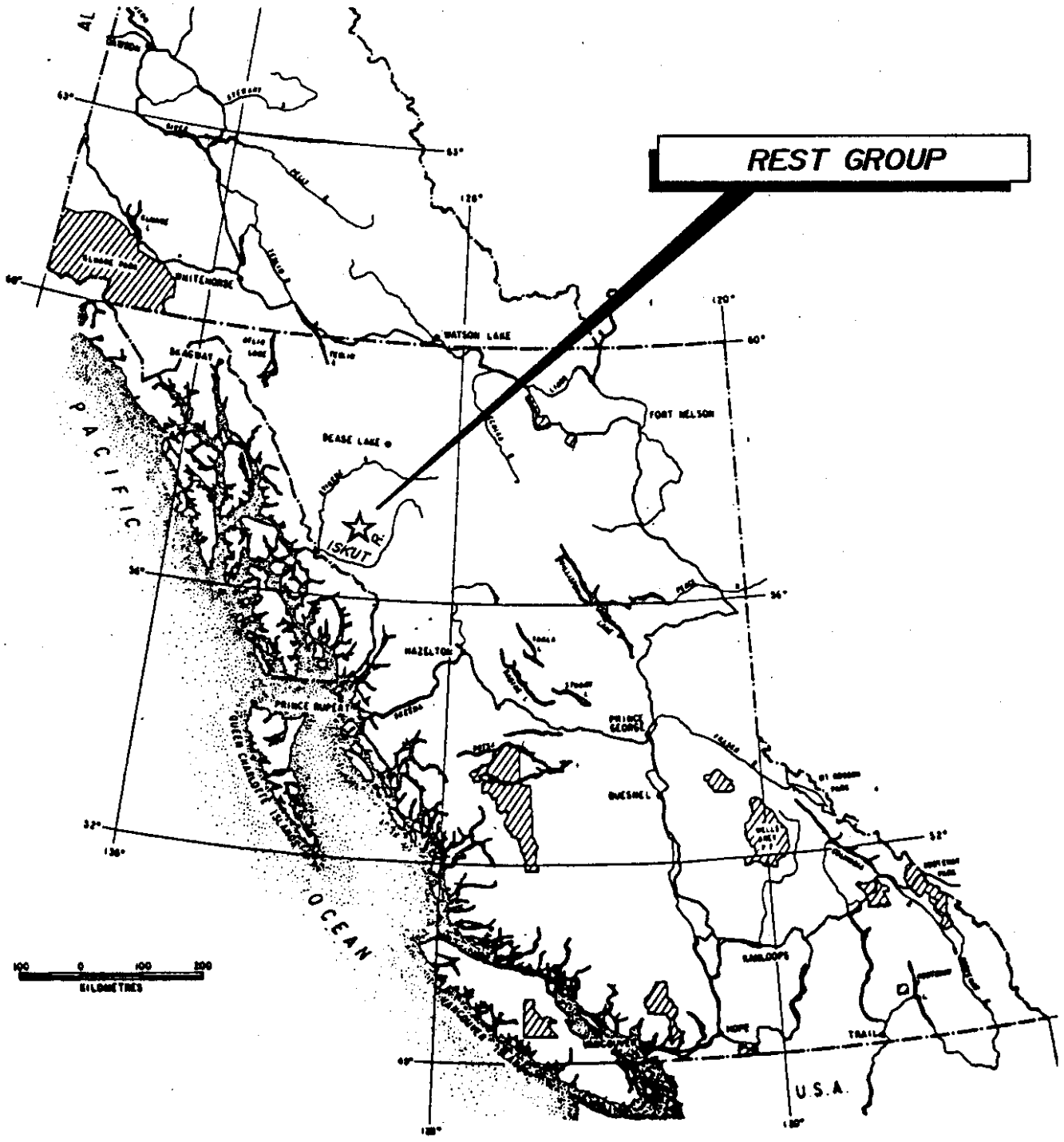
Results of the 1990 program are discussed in the text of this report and the data are plotted on the accompanying maps.

LOCATION, ACCESS AND TOPOGRAPHY

The claims are located approximately 10 kilometres northeast of Newmont Lake centered at 56°56' north latitude and 130°48' west longitude in the Liard Mining Division of northwestern British Columbia.

Access to the claims is via fixed wing aircraft from Smithers or Terrace to Bronson or the Forrest Kerr airstrip located at the headwaters of the Forrest Kerr River. Access from Bronson or Forrest Kerr is via helicopter and via foot traverse within the claims.

Most of the claim group is accessible by foot or helicopter. Elevations range from 600 metres to 1870 metres. Above 1200 metres the claims are devoid of vegetation except for grasses and shrubs, while below 1200 metres, the usual coast mountain evergreens, alder and devils club predominate. The area generally receives heavy precipitation, snow in excess of 6 metres being common during the winter. The field season extends from mid May to late October.



KESTREL RESOURCES LTD.

LOCATION MAP

LIARD MINING DIVISION, B.C.

STU TENNANT

SCALE:	DATE:	MAP:	N.T.S.
NOTED	APRIL 91	1	104B/15

PROPERTY AND LIST OF CLAIMS

The REST GROUP of mineral claims consist of the following claims:

Claim Name	Record No.	No. of Units	Record Date	Expiry Date
REST 1	3981	20	March 10, 1987	March 10, 1991
REST 2	3982	20	March 10, 1987	March 10, 1991
KER 9	4752	12	June 28, 1988	June 28, 1991
TIC 4	4503	16	Feb. 24, 1988	Feb. 24, 1991
TIC 5	4504	20	Feb. 24, 1990	Feb. 24, 1991

So far as the writer is aware, the claims were properly staked and recorded and are in good standing as indicated by the expiry dates.

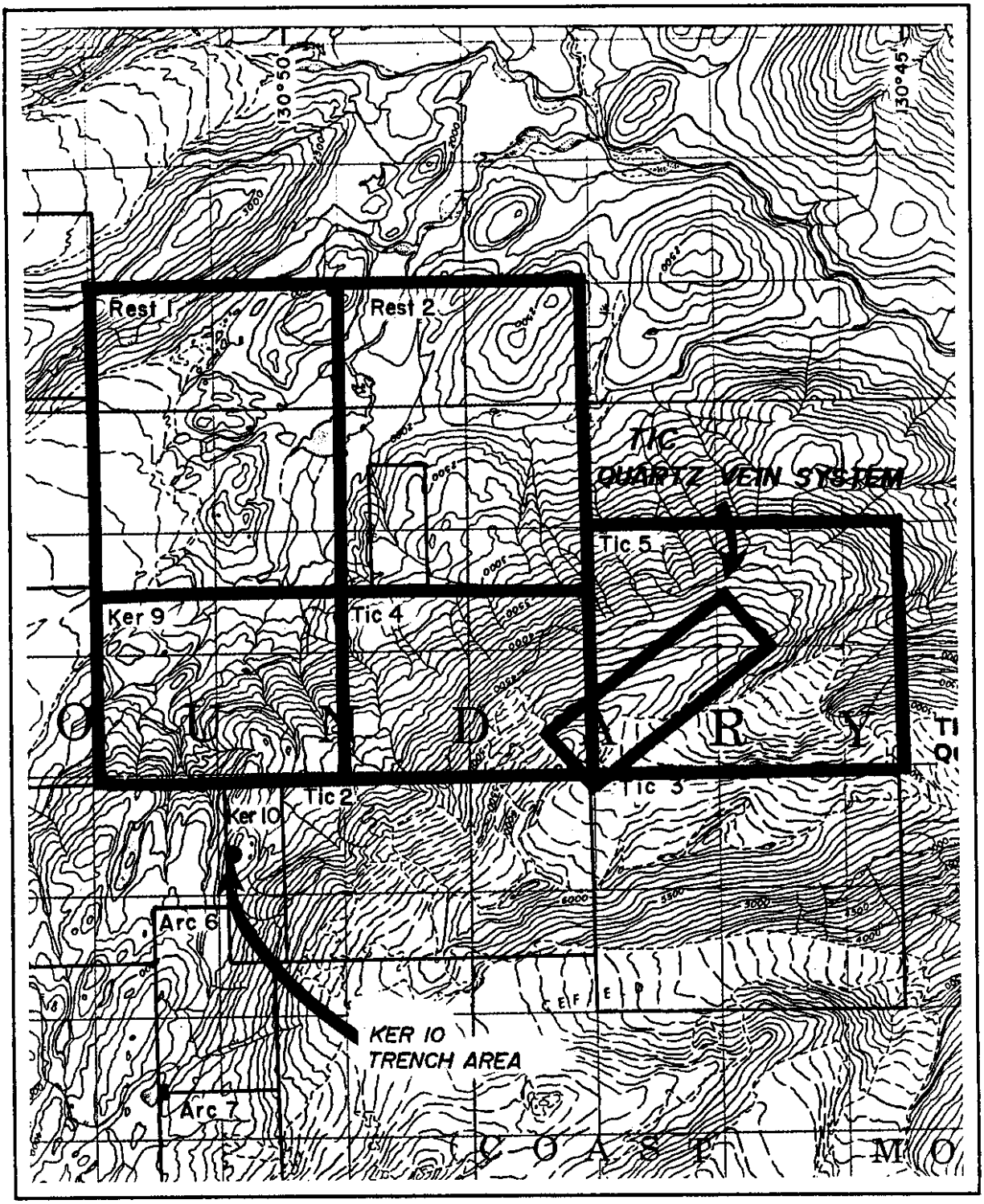
AREA HISTORY

The first recorded work from the Iskut River region was in 1907 when a staking party from Wrangell, Alaska recorded nine mineral claims north of Johnny Mountain. The Iskut Mining Company worked the claims and in 1917 shipped a ton of high grade ore which reportedly assayed $1.20 gold, 44.2 ounces silver and 12.45% copper (B.C.M.M.A.R., 1917).

In 1954 Hudson Bay Mining and Smelting Limited discovered high grade gold-silver-lead-zinc mineralization, known as the "Pickaxe" showing, on the slopes of Johnny Mountain.

Throughout the 1960's several major mining companies undertook reconnaissance prospecting and exploration programs in search for porphyry copper-molybdenum deposits resulting in the location of several claims on Johnny Mountain and on Sulphurets Creek.

Skyline Exploration Limited staked the Inel property in 1969 following the discovery of massive sulphide in float on the Bronson Creek glacier. In 1980 the company staked the Reg property. During the 1980's, Skyline has developed both these



0 1.0 2.0 3.0km

KESTREL RESOURCES LTD.

REST 1-2, KER 9, TIC 4-5 CLAIMS
LIARD MINING DIVISION, B.C.

CLAIM MAP

STU TENNANT

DATE : APRIL 1991	SCALE : 1 : 50000
NTS : 104B/15	FIGURE : 2

properties discovering high grade veins and polymetallic massive sulphide mineralization on the Inel and Reg properties.

The joint venture partners of Cominco Ltd. and Prime Resources Corporation have developed their Snip property which is located immediately north of the Reg property on the northern slopes of Johnny Mountain. The combined geological reserve for the Snip property is 1,000,000 tons grading 0.80 opt gold.

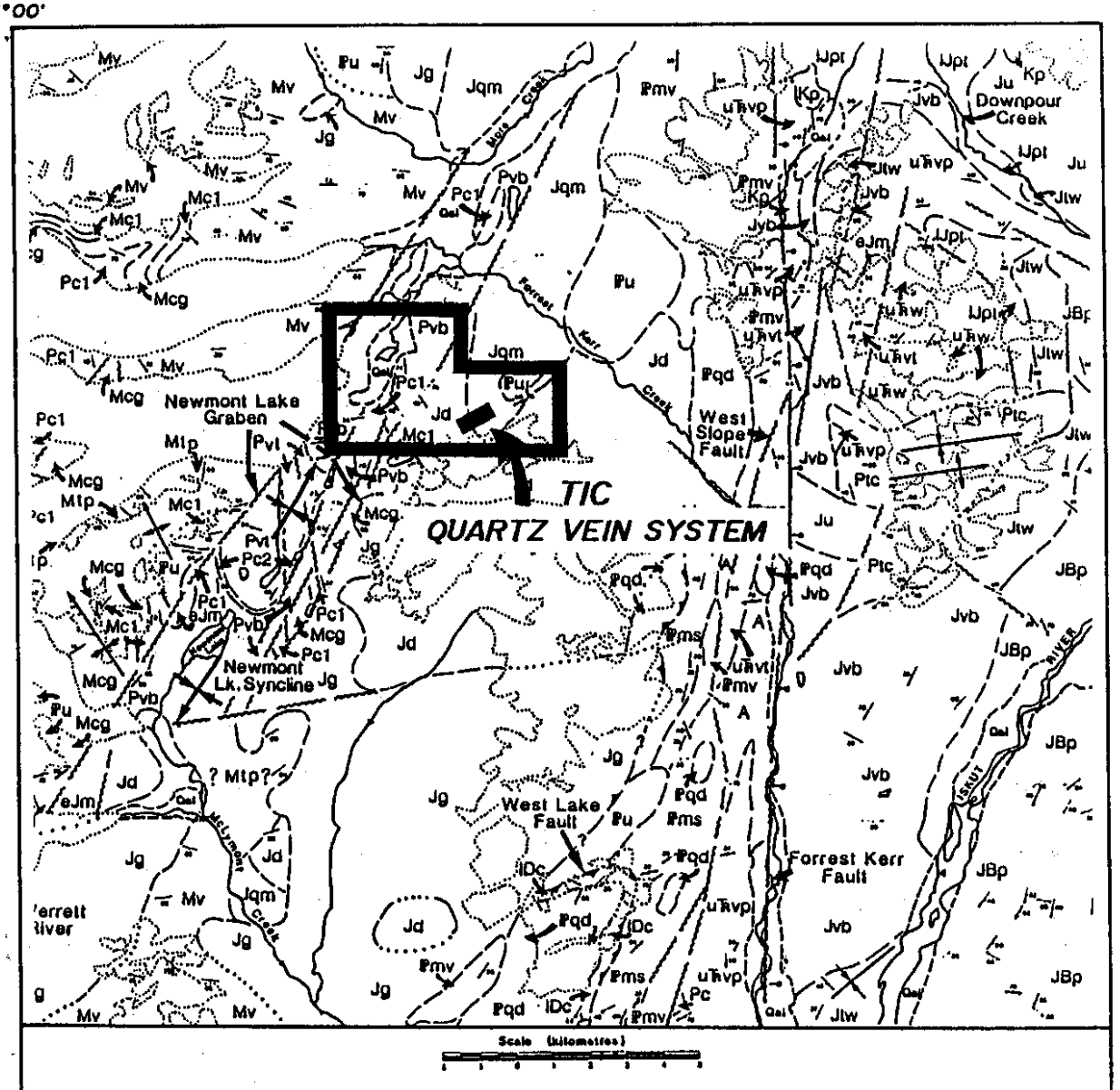
Other advanced prospects currently undergoing intense exploration efforts in the area include Gulf International Mineral Ltd.'s Inel and McIymont properties, Placer Dome Ltd.'s Kerr porphyry copper-gold deposit and Calpine's Eskay Creek gold deposit, as well as the redevelopment of the Silback Premier/Big Missouri mines by Westmin.

The discovery of the Eskay Creek gold prospect in November 1988 has done much to stimulate exploration activity in the Iskut region. Drill hole intersections varying from 5 to 10 metres (16 to 33 feet) and grading to 100 grams gold per tonne (2.92 opt) with an average 1,000 grams or more of silver per tonne (29.2 opt), are not uncommon. The Eskay Creek deposit is probably the most significant precious metal deposit discovered in British Columbia.

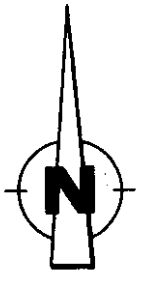
Recently completed road access studies has resulted in a proposed shared cost road which would commence at the Stewart-Cassiar highway near Bob Quinn Lake and extend into the Iskut Valley.

REGIONAL GEOLOGY

Generally the area consists of a northerly trending succession of Upper Triassic and Jurassic volcanic and sedimentary rocks underlain in part by Paleozoic volcanic and sedimentary units. All of these units have been intruded by Mesozoic and Tertiary intrusive rocks and cut by extensive fault zones. These country rocks form the Stewart Complex bounded on the west by the main Coast Plutonic Complex, and on the east by the Bowser Basin sedimentary assemblage.



Geology map of the Forrest Kerr Creek map sheet 104B/15.



KESTREL RESOURCES LTD.	
REST 1-2, KER 9, TIC 4-5 CLAIMS LIARD MINING DIVISION, B.C.	
REGIONAL GEOLOGY MAP	
STU TENNANT	
DATE : APRIL 1991	SCALE : NOTED
NTS : 104B/15	FIGURE : 3

LEGEND

QUATERNARY

Qal — TILL, ALLUVIUM

STRATIFIED ROCKS

MIDDLE TO UPPER JURASSIC BOWSER LAKE GROUP

JBp — SILTSTONE, SANDSTONE, MINOR CONGLOMERATE

JURASSIC

Ju — UNDIVIDED VOLCANICS AND SEDIMENTS

Jtw — SILICEOUS WACKE, TUFF, CONGLOMERATE

Jvb — PILLOW BASALT, BRECCIA FLOWS, SILICEOUS SEDIMENTS

LJpt — SHALE, SANDSTONE, LESSER LIMESTONE, TUFF

UPPER TRIASSIC STUHINI GROUP

uTrvt — MAROON AND GREEN EPICLASTICS, AUGITE AND PLAGIOCLASE-PHYRIC VOLCANIC BRECCIAS

uTrvp — DARK GREEN PLAGIOCLASE-PHYRIC FLOWS

uTrve — GREY-GREEN APHANITIC TUFF

uTrw — TUFFACEOUS WACKE, ARGILLITE, LIMESTONE, CONGLOMERATE WITH LIMESTONE CLASTS, PLAGIOCLASE-PORPHYRITIC ANDESITE

MIDDLE TRIASSIC

mTrs — CARBONACEOUS CALCAREOUS SILTSTONE

PALEOZOIC STIKINE ASSEMBLAGE

Pu — UNDIVIDED METAVOLCANICS AND METASEDIMENTS

WESTERN ASSEMBLAGE

PERMIAN

Pvt — FELSIC WELDED TUFF, VOLCANIC SANDSTONE AND SILTSTONE, RHYOLITE FLOWS

Pc2 — THIN-LAMINATED, GREY ALGAL LIMESTONE

Pvb — INTERMEDIATE TUFF AND EPICLASTICS, MAROON LAHAR, BRECCIA FLOWS

Pc1 — MEDIUM-BEDDED BIOCLASTIC LIMESTONE WITH CHERTY INTERBEDS

MISSISSIPPIAN

Mtp — SILTSTONE, SANDSTONE, TURBIDITES, LESSER LAPILLI TUFF

Mcg — POLYMICTIC VOLCANIC CONGLOMERATE

Mc1 — INTERBEDDED SILICEOUS SILTSTONE AND LIMESTONE, THICK-BEDDED CRINOIDAL CALCARENITE

Mv — PILLOW BASALT, HYALOCLASTITE, ASH-FLOW FELSIC TUFF

EASTERN ASSEMBLAGE

PERMIAN

Ptc — INTERMEDIATE TO MAFIC META-TUFF, THIN-BEDDED LIMESTONE AND METASEDIMENTS

Pc — MEDIUM-BEDDED BIOCLASTIC LIMESTONE

PERMIAN AND OLDER

Pms — SILICEOUS TURBIDITES, PHYLLITES, LESSER CHERTY TUFFS

Pmv — MAFIC TO FELSIC METAVOLCANICS, METASEDIMENTS, LIMESTONE LENSES

LOWER DEVONIAN

lDc — LIMESTONE, SILICEOUS TUFF

INTRUSIVE ROCKS

CRETACEOUS AND YOUNGER (?)

Kp — PLAGIOCLASE QUARTZ PORPHYRY

JURASSIC

Jg — PINK HORNBLENDE BIOTITE GRANITE

Jqm — QUARTZ MONZONITE

Jd — HORNBLENDE DIORITE, HORNBLENDE QUARTZ DIORITE

EARLY JURASSIC

eJm — HORNBLENDE-PLAGIOCLASE-PORPHYRITIC MONZONITE, SYENITE

PALEOZOIC

Pqd — DEFORMED HORNBLENDE QUARTZ DIORITE

UNKNOWN

A — ALTERED DIORITE

Since 1948, Government workers have attempted to clarify relationships and assign ages to various lithological units of the area. Work completed by Kerr, 1948, G.S.C. Memoir 246; G.S.C. maps 9-1957, 1481-1979-Iskut River, and Grove, E.W., 1986, Bulletin No. 58 B.C. Department of Mines, form the basis of earlier government mapping. Recently work completed by the G.S.C. - Open File o. 2094 (1989) and the B.C. Department of Mines Open File 1990-2 has greatly enhanced the geological data base.

The oldest known rocks of the area are limestone, dolomite and low grade metamorphosed sediments (quartzite, slate, 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.

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

Cretaceous to Tertiary Coast Plutonic intrusions of granite, granodiorite and diorite occupy large portions 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.

The foliated rocks, present in the area, are not of great lateral extent and owe their origin to low grade 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 faulting system complicate the local geology, especially where folding of the strata, which is common, has occurred.

PROPERTY GEOLOGY

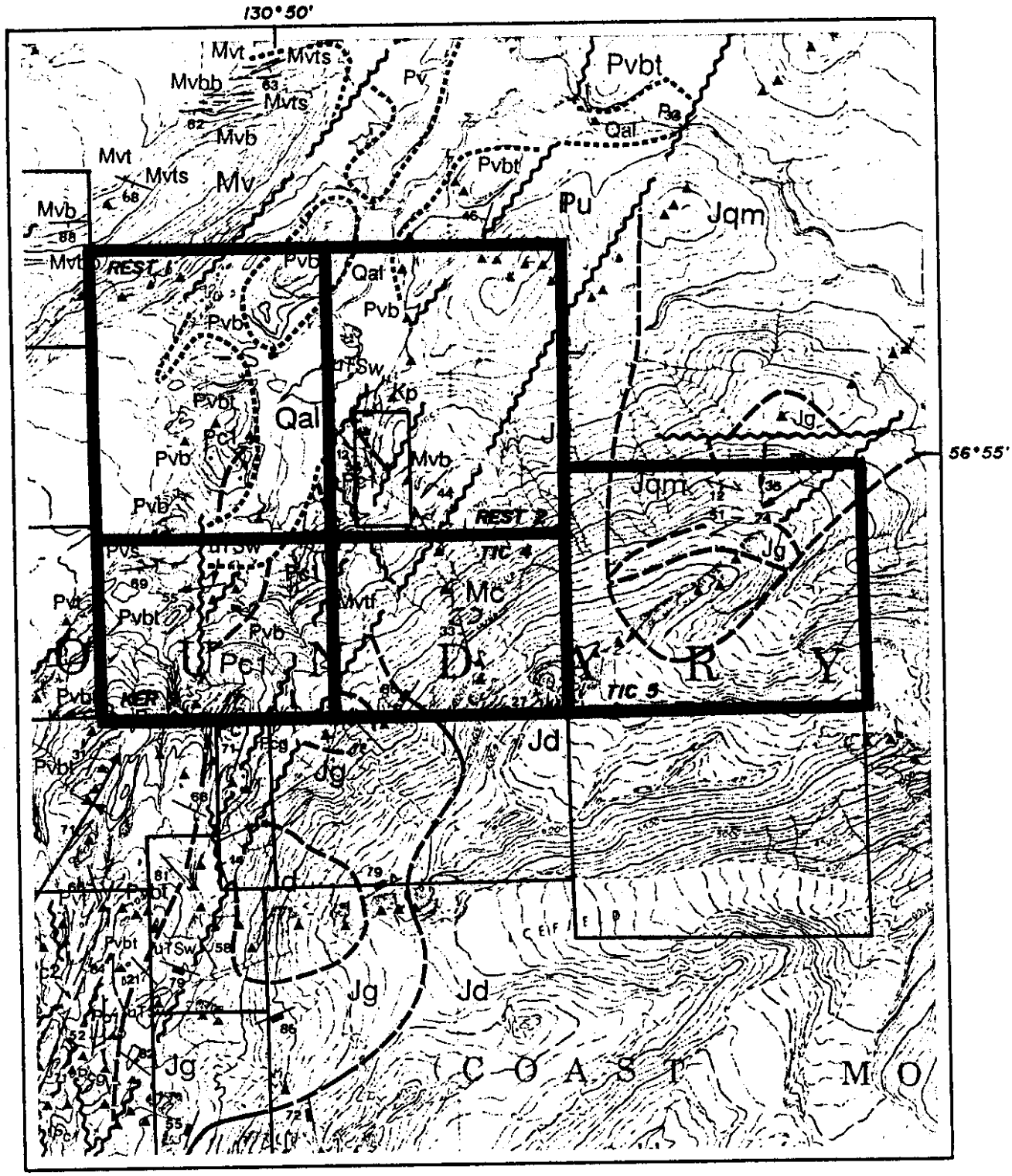
Open File Report No. 1990-2 - Geology, Geochemistry and Mineral Occurrences of the Forrest Kerr-Iskut River Area, Northwestern British Columbia, prepared by the British Columbia Department of Mines and released in the winter of 1990 describes the geology of the REST-TIC property at a scale of 1:50,000 and reveals the distribution of Middle and Lower Jurassic volcanic-sedimentary rocks and their associated Coast plutonic intrusions. These rocks are significant in that a number of the precious metal vein occurrences such as the Big Missouri, Silbak-Premier and Sulphurets deposits are associated with them.

Figure 4 shows the location of intrusive rocks varying from a diorite to a monzonite, underlying the eastern half of the claim block, while the western half is located within the Newmont Lake Graben. The northeast-trending Newmont Lake Graben is 3 kilometres wide, and is characterized by a large upright, open northeasterly trending, doubly plunging syncline in Permian volcanics and limestone. The eastern side is comprised of a network of parallel fault structures which separate various Jurassic intrusive phases from Permian limestones, volcaniclastics and clastics. The western fault is a single, strong 040° trending structure separating Mississippian from Permian strata. Overall apparent movement across the Graben is left lateral. Northerly and northeasterly trending faults crosscut this structure.

1990 EXPLORATION PROGRAM

The 1990 lithogeochemical program was designed to fill in certain gaps in previous geochemical sampling programs. The field program was conducted during July and August.

Access was via helicopter (provided by Northern Mountain Helicopters) from a base camp at Forrest Kerr Airstrip some 5 kilometres to the northwest. Field work was conducted by employees of Kestrel Resources Ltd. under the supervision of the author. A total of 26 rock chip samples was collected. Considerable time and effort was given to checking values in the field from the extensive geochemical program completed in 1989 where the best results return values as high as 1.238 opt gold and 2.0 opt silver.



0 1.0 2.0 3.0km

KESTREL RESOURCES LTD.

REST 1-2, KER 9, TIC 4-5 CLAIMS
LIARD MINING DIVISION, B.C.

PROPERTY GEOLOGY MAP

STU TENNANT

DATE : APRIL 1991	SCALE : 1 : 50000
NTS : 104B/15	FIGURE : 4

LEGEND

QUATERNARY

Rv	*RECENT VOLCANICS*
Qal	*TILL, ALLUVIUM*

LAYERED ROCKS

MIDDLE TO UPPER JURASSIC BOWSER LAKE GROUP

JBp	*PLANAR BEDDED SHALE AND LOCALLY CROSSBEDDED SANDSTONE TURBIDITE COUPLETS*
JBcg	*CHERT PEBBLE TO GRANULE CONGLOMERATE*

JURASSIC

Ju	*UNDIVIDED SEDIMENTS AND VOLCANICS*
Jw	*BRECCIATED AND CRACKLE FRACTURED DARK GREEN AND GREY SILICEOUS SILTSTONES AND PYRITIC CHERT, CARBONACEOUS TUFFACEOUS WACKES WITH INTERBEDDED CONGLOMERATE CONTAINING CLASTS OF CHERT, BLACK SILTSTONE, AND INTERMEDIATE TO FELSIC VOLCANICS (Jwcg)*

MIDDLE(?) JURASSIC

mJvb	*DENSE MEDIUM GREY TO GREEN PILLOW BASALT, LOCALLY AMYGDALOIDAL, PLAGIOCLASE PHYRIC, PILLOW BRECCIA FLOWS AND FLOW BRECCIAS, HYALOCLASTITE.*
mJvs	*THINLY BEDDED, ALTERNATING BLACK AND WHITE SILICEOUS TUFFS AND SEDIMENTS*

LOWER(?) JURASSIC

lJp	*FISSILE, THIN BEDDED, SILTSTONE AND SANDSTONE WITH CARBONACEOUS WOOD FRAGMENTS, GRANULE CONGLOMERATES CONTAINING INTERMEDIATE VOLCANIC, SEDIMENTARY AND LIMESTONE CLASTS.*
lJt	*BROWNISH GREY LAPILLI AND CRYSTAL TUFF; RHYOLITE CRYSTAL TUFF AND LESSER FLOWS (lJr)*

UPPER TRIASSIC STUHINI GROUP

uTS	*UNDIVIDED VOLCANICS AND SEDIMENTS*
uTSvl	*MAROON AND GREEN PLAGIOCLASE AND LESSER AUGITE-PHYRIC LAPILLI TO BLOCK TUFFS AND ASSOCIATED EPICLASTICS*
uTSv	*MAROON AND GREEN PORPHYRITIC VOLCANIC FLOW BRECCIAS, PLAGIOCLASE-PHYRIC (uTSvp); AUGITE-PHYRIC (uTSva)*
uTSt	*GREY-GREEN APHANITIC TUFF*
uTSw	*TUFFACEOUS WACKE, ARGILLITE, LIMESTONE; CARBONACEOUS AND CALCAREOUS SILTSTONE INTERBEDDED WITH FINE GRAINED SANDSTONE AND MINOR CONGLOMERATE; MAROON VOLCANIC CONGLOMERATE WITH LIMESTONE CLASTS(uTSwcg)*

PALEOZOIC STIKINE ASSEMBLAGE

Pu — *UNDIVIDED METAVOLCANICS AND METASEDIMENTS*

WESTERN ASSEMBLAGE

PERMIAN

Pv — *UNDIVIDED PERMIAN VOLCANICS AND SEDIMENTS*

Pvt — *LAPILLI AND PLAGIOCLASE CRYSTAL TUFF, FELSIC WELDED ASH TUFF. THINLY BEDDED SILICEOUS LIMESTONE LENSES; RHYOLITE FLOWS (Pvr); VOLCANIC SANDSTONE, SILTSTONE AND MAROON SHALLOW(?) WATER CONGLOMERATES (Pvs)*

Pc2 — *ALGAL LIMESTONE; THIN-LAMINATED, DARK GREY TO BLACK, LOCALLY FETID, WEATHERS BUFF. PISOLITE-RICH BEDS AND CUSPATE STACKED CONCAVE ALGAL STRUCTURES COMMON*

Pvb — *HORNBLENDE-PLAGIOCLASE PORPHYRITIC ANDESITE BRECCIA FLOWS; LOCALLY AMYGDALOIDAL, CONTAINS 30 TO 40 PERCENT EUHEDRAL WHITE PLAGIOCLASE AND 15 PERCENT CHLORITIC ACICULAR HORNBLENDE CRYSTALS; MAROON LAHAR AND LAPILLI TUFF (Pvbt)*

Pc1 — *BIOCLASTIC LIMESTONE WITH CHERTY INTERBEDS; MEDIUM-BEDDED TO MASSIVE GREY BIOCLASTIC CALCARENITE AND LESSER BUFF SILTY DOLOMITIC UNITS. THIN BEDDED SECTIONS CONTAIN BLACK TO YELLOWISH BUFF AMORPHOUS SILICA BEDS UP TO 30 CENTIMETRES THICK; SOLITARY CORALS, FORAMINIFERA, BRYOZOAN, CRINOIDS AND VARIOUS BRACHIOPODS ARE LOCALLY ABUNDANT*

Pcg — *THICK BEDDED, BOULDER TO PEBBLE CONGLOMERATE, CLASTS ARE AUGITE PHYRIC, PLAGIOCLASE PHYRIC, ANDESITE, BASALT, AND LIMESTONE CLASTS.*

MISSISSIPPIAN - PENNSYLVANIAN

Mss — *SILTSTONE-SANDSTONE TURBIDITES AND LESSER CHERTS*

Mc — *THICK-BEDDED CRINOIDAL CALCARENITE WITH INTERBEDDED SILICEOUS SILTSTONE*

Mv — *UNDIVIDED VOLCANICS*

Mvl — *MAFIC TO INTERMEDIATE SCORIACEOUS LAPILLI TUFF; SILICEOUS DUST TUFFS AND EPICLASTICS (Mvlt); INTERMEDIATE TO FELSIC ASH FLOW AND WELDED TUFFS (Mvlf)*

Mvf — *RHYOLITE, RHYODACITE, PINK AND ORANGE FLOW BANDED BRECCIAS VARYING TO MASSIVE SUBVOLCANIC BODIES, GLOMEROPORPHYRITIC FELDSPAR AND QUARTZ EYES COMMON.*

Mvb — *MASSIVE-AMYGDALOIDAL BASALT FLOWS; HYALOCLASTITE DEBRIS FLOWS (Mvbd); PILLOW BASALT (Mvbp)*

EASTERN ASSEMBLAGE

PERMIAN

Pic — *DEFORMED CHLORITIC TUFFS AND METAVOLCANICS, INTERBEDDED TUFFACEOUS AND SILICEOUS SILTSTONES AND NUMEROUS THIN BEDDED RECRYSTALLIZED LIMESTONES.*

Pc — *LIMESTONE; BIOCLASTIC, MEDIUM-BEDDED, RECRYSTALLIZED, WHITE TO BUFF, SPARSELY CRINOIDAL CALCARENITE WHICH LOCALLY IS COMPLETELY RECRYSTALLIZED TO COARSE CALCITE*

PERMIAN AND OLDER

Pms — *METASEDIMENTS AND MINOR LIMESTONE; SILTSTONES ARE GREY TO LIGHT GREEN, PHYLLITIC AND INTERLAYERED WITH GRAPHITIC ARGILLITE AND SILICEOUS PHYLLITE AND THIN LENSES OF DARK BROWN LIMESTONE; GREEN AND WHITE SILICEOUS TURBIDITE COUPLETS AND CHERTY TUFFS(Pmst) OCCUR HIGH IN THE STRATIGRAPHY.*

Pc — *LIMESTONE; RECRYSTALLIZED, THIN BEDDED TO MORE COMMONLY MASSIVE, WHITE TO BUFF COLOURED.*

Pmv — *MAFIC TO FELSIC METAVOLCANICS, RARE LIMESTONE LENSES; VARIABLY FOLIATED TO SCHISTOSE, PURPLE TO DARK GREEN PLAGIOCLASE PORPHYRITIC FLOWS AND TUFFS.*

LOWER DEVONIAN

lDc — *DEFORMED CORALLINE LIMESTONES; LESSER INTERBEDDED PEBBLE CONGLOMERATE, SILICEOUS AND CARBONACEOUS SHALES AND BOTH MAFIC AND FELSIC TUFFS.*

INTRUSIVE ROCKS

CRETACEOUS AND YOUNGER (?)

Kp	*PLAGIOCLASE QUARTZ PORPHYRY; OCCURS AS SMALL PLUGS AND DYKES INTRUDING NORTH TRENDING FAULTS, PYRITIC AND OXIDIZED TO YELLOW AND RED GOSSANS.*

JURASSIC AND YOUNGER(?)

Jg	*BIOTITE GRANITE; PINK, COARSE TO MEDIUM GRAINED, EQUIGRANULAR TO 'QUARTZ EYE' PORPHYRITIC, LESS COMMONLY HORNBLENDE IS THE MAFIC CONSTITUENT, QUARTZ EXCEEDS 30 PERCENT, QUARTZ RICH PHASES (50 PER CENT) ARE SPATIALLY RELATED TO FAULT STRUCTURES*
Jqm	*HORNBLENDE QUARTZ MONZONITE TO MONZONITE; COARSE TO MEDIUM GRAINED, HORNBLENDE AVERAGES 20 PERCENT AS 5 MILLIMETRE CRYSTAL LATHS AND POIKILITIC CLOTS, BIOTITE WHERE PRESENT IS FINE GRAINED AND LESS THAN 5 PERCENT.*
Jd	*HORNBLENDE DIORITE, HORNBLENDE QUARTZ DIORITE; HORNBLENDE IS CHLORITIC AND COMPRISES MORE THAN 40 PERCENT OF THE ROCK.*

MIDDLE(?) JURASSIC

Jdl	*DIORITE TO GABBRO; COARSE GRAINED, OCCURS AS STOCKS AND SILLS, PLAGIOCLASE CRYSTALS ARE EUHEDRAL TO SUBHEDRAL ACICULAR CLOTS WHICH IMPART A DISTINCTIVE FELTY INTERLOCKING TEXTURE, THESE SUBVOLCANIC INTRUSIONS MAY REPRESENT FEEDERS TO THE PILLOW BASALTS(Mv)*

EARLY JURASSIC

eJm	*HORNBLENDE-PLAGIOCLASE-PORPHYRITIC MONZONITE; OCCURS AS DYKES, SILLS AND PLUGS CHARACTERIZED BY A HEMATITIC GROUNDMASS ALTERED WITH PINK SUBHEDRAL TO EUHEDRAL PLAGIOCLASE (UP TO 30 PERCENT) AND HORNBLENDE CRYSTALS, TRACHYTIC TEXTURES ARE COMMON, STRONGLY MAGNETIC.*
eJg	*HORNBLENDE BIOTITE POTASSIUM FELDSPAR MEGACRYSTIC GRANITE.*

AGE UNKNOWN

qd	*HORNBLENDE QUARTZ DIORITE; MEDIUM GRAINED, LOCALLY FOLIATED AND ALTERED, CONTAINS IRREGULAR MAFIC INCLUSIONS (UP TO 100 CENTIMETRES) OF AMPHIBOLITES.*
d	*ALTERED DIORITE*
DYKES	*a) APHYRIC ANDESITE AND BASALT; pa) MAFIC PLAGIOCLASE PHYRIC; l) LAMPROPHYRE; r) RHYOLITE/APLITE*

MAP SYMBOLS

Geological contact (defined, approximate, assumed) .....

Unconformable contact (defined, assumed) .....

Bedding (horizontal, inclined, overturned).....

Foliation .....

Fault (observed, inferred).....

Thrust or high angle reverse fault (defined, assumed).....

Anticline (direction of plunge indicated).....

Syncline (direction of plunge indicated).....

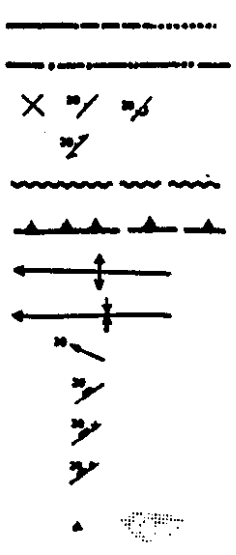
Minor fold axis.....

Joint.....

Dyke.....

Vein.....

Outcrop visited.....



The lithogeochemical samples were properly bagged, described and labelled in the field. Later, they were shipped by air and ground freight to Vangeochem Lab Ltd. in Vancouver, B.C. for analysis under the supervision of professional assayers. All of the samples were analyzed for gold, using fire assay and atomic absorption procedures, and for a 25-element suite by inductively coupled argon plasma (ICAP) methods.

At Vangeochem Lab Ltd., each rock sample was ground to -100 mesh and an 0.5 gram pulp was digested with 5 millilitres of 3:3:1 hydrochloric acids to nitric acid to water at 95°C for 90 minutes, and then diluted to 10 millilitres with water. The resulting precipitate was then analyzed by ICAP methods for: silver, aluminum, arsenic, barium, bismuth, calcium, cadmium, cobalt, chromium, copper, iron, potassium, magnesium, manganese, molybdenum, sodium, nickel, phosphorus, lead, antimony, tin, strontium, uranium, tungsten, and zinc.

A 20.0 to 30.0 gram pulp was split from each of the ground samples, mixed with flux, fused at 1,900°F to form a button, and subsequently digested in an aqua regia solution. This solution was then analyzed for gold by a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp.

Prospecting traverses and all sample locations are shown on Figure 5 of this report. The lithogeochemical sample descriptions and analytical results accompany this report as Appendices I and II respectively.

DISCUSSION OF RESULTS

A total of 19 man days was spent on the geochemical program carried out in 1990 on the REST Group consisting of the REST 1-2, KER 9 and TIC 4-5 mineral claims. The program was designed to check 1989 geochemical sampling and to take additional samples in certain areas, in order to plan a trenching program to be followed up with a modest diamond drill program for next year.

Intrusive rocks underlie the eastern half of the claim block while the western half is within the Newmont Lake Graben. Within the TIC 4-5 claims, mineralization

occurs in zones of alteration along shearing.. These zones contain pyrite, chalcopyrite, magnetite, calcite, quartz, chlorite and epidote. A sparse, widely spaced quartz vein system occurs on the claims, see Figure 5. Quartz veins varying in widths from a few centimetres to one metre, are often associated with narrow shear zones and extend to tens of metres in length, striking northeasterly and dipping to the northwest. These veins carry anomalous gold and silver values. The best results from the 1989 program returned values as high as 1.238 opt gold and 2.0 opt silver. The vein system is hosted by relatively unaltered diorite with aplite dykes which trend southeasterly. The area lies at 1,800 metres and trends in a general east-west direction along a ridge approximately one kilometre in length.

The REST 1,2 and KER 9 claims are made andesite and basalt flows to the west with recrystallized limestone exposed in shale and argillites to the east and south. Mineralization in the andesite unit occurs in fractures and shear zones that carry pyrite and chalcopyrite in quartz-calcite veins and chloritic alteration. In the sedimentary unit, up to 15% and sporadic chalcopyrite are contained within zones of calcite veins occurring in the fractures and shears. The limestone unit carries pyrite, chalcopyrite, malachite, magnetite and chlorite occurring in fractures and shears.

The 1990 geochemical sampling program was successful in that it has completed the groundwork in order to plan the next phase of exploration which should consist of trenching and drilling.

RECOMMENDATIONS

The quartz vein system outlined on the TIC 4-5 claims is a target for additional work next year. A trenching program is recommended and if results are encouraging, a modest short hole, diamond drill program should be carried out in order to check precious metal content to depth. Work on the TIC claims should be tied into additional work to be carried out on the adjacent claims which also belong to Kestrel Resources.

Additional prospecting and sampling should be carried out along the major northeast trending faults of the Newmont Lake Graben that exist on the REST-KER claims.

BIBLIOGRAPHY

Logan, J.M.; Koyanagi, Victor M.; Drobe, John R. Geology, Geochemistry and Mineral Occurrences of the Forrest Kerr-Iskut River Area, Northwestern British Columbia, Open File 1990-2, Ministry of Energy, Mines and Petroleum Resources, Geological Survey Branch.

GSC Open File No. 2094 (1989).

Kerr, 1948: GSC Memoir 246; GSC Maps 9 - 1957; GSC Maps 1481-1979" "Iskut River".

STATEMENT OF QUALIFICATIONS

I, STUART J. TENNANT, of Kestrel Resources Ltd., do hereby certify that:

1. I am a Geologist employed by Kestrel Resources Ltd. during the period October 1989 to present.

2. I am a graduate of the University of British Columbia with a B.Sc. in Geology in 1959.

3. From 1959 until present, I have been engaged in exploration primarily in Western Canada.

4. I personally supervised and participated in the field work and have compiled, reviewed and assessed the data resulting from the work.

Stuart J. Tennant

Stuart J. Tennant

DATED at Vancouver, British Columbia, this 14th day of May, 1991.

PROGRAM COSTS

S. Tennant Geologist	5 days @ $325/day	$	1,625
J. Buchholz Geologist	3 days @ $325/day		975
B. Chase Prospector	3 days @ $275/day		825
C. Bilquist Prospector	2 days @ $200/day		400
W. Grier Prospector	3 days @ $200/day		600
K. Forster Prospector	3 days @ $200/day		600
		$	**5,025**

Field Expense

Room and Board	19 man days @ $125/day	$	2,375
Helicopter	3 hours @ $800/hour		2,400
Assaying	26 @ $18/sample		468
Freight and expediting			137
Drafting and Maps			320
Report Compilation			2,675
TOTAL COST		$	**13,400**

APPENDIX I

Sample Assay Results

(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

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● FAX (604) 254-5717

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

REPORT NUMBER: 900247 GA JOB NUMBER: 900247 SULLIVAN MANAGEMENT/KESTREL RES. PAGE 1 OF 1

SAMPLE #	Ag ppm	Au ppb
81516	.5	10
81517	.4	nd
81518	.1	nd
81519	.5	nd
81520	.4	nd
81521	.4	nd
81522	.3	nd
81523	.7	10
81524	.4	nd
81525	nd	nd
81526	.1	nd
81527	.4	nd
81528	.4	nd

DETECTION LIMIT 0.1 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST:

REPORT #: 900247 PA | SULLIVAN MANAGEMENT / KESTREL RES. | PROJECT: TIC 5 KIK | DATE IN: AUG 16 1990 | DATE OUT: SEPT 06 1990 | ATTENTION: MR. TENNANT & MR. BUCHHOLZ | PAGE 1 OF 1

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
81516	0.5	2.13	27	52	184	1.12	4.2	38	59	134	6.36	0.19	1.37	1329	24	<0.01	49	0.07	141	25	37	21	<5	15	542
81517	0.4	1.91	<3	>1000	98	>10.00	3.5	29	45	29	9.47	<0.01	5.10	4148	22	<0.01	54	0.03	56	<2	19	153	<5	5	66
81518	0.1	0.58	11	142	108	0.17	<0.1	11	54	3	1.60	<0.01	0.13	515	13	<0.01	24	0.02	54	<2	<2	3	<5	5	44
81519	0.5	0.43	<3	133	<3	>10.00	1.1	34	43	12	8.58	<0.01	4.39	4470	26	<0.01	24	0.02	71	<2	15	85	<5	14	54
81520	0.4	1.63	<3	351	17	9.58	2.6	52	77	120	7.92	<0.01	4.05	2327	25	<0.01	66	<0.01	37	<2	39	126	<5	10	55
81521	0.4	1.33	<3	38	<3	6.60	<0.1	54	37	165	9.49	<0.01	3.14	1837	25	<0.01	42	0.03	36	<2	<2	87	<5	7	108
81522	0.3	1.22	<3	56	55	4.91	<0.1	34	36	52	6.25	<0.01	1.61	1470	17	<0.01	14	0.07	44	<2	<2	46	<5	15	90
81523	0.7	1.59	<3	64	<3	0.60	3.0	35	39	152	4.49	0.20	0.94	809	18	<0.01	2	0.07	73	<2	13	22	<5	9	169
81524	0.4	1.22	67	41	<3	0.48	<0.1	17	37	147	3.33	0.22	0.72	375	14	<0.01	10	0.06	40	<2	<2	8	<5	11	36
81525	<0.1	0.34	27	79	<3	1.29	<0.1	21	38	109	4.63	<0.01	0.89	1010	19	<0.01	<1	0.08	44	<2	<2	16	<5	8	91
81526	0.1	0.38	41	115	<3	3.24	<0.1	18	25	223	3.04	<0.01	1.05	935	18	<0.01	1	0.04	56	<2	<2	26	<5	14	43
81527	0.4	1.64	<3	32	<3	3.05	1.0	55	12	30	8.83	<0.01	5.53	704	32	<0.01	6	0.12	70	<2	<2	66	<5	12	158
81528	0.4	2.76	<3	73	<3	2.36	2.0	47	20	24	8.90	<0.01	7.08	862	32	<0.01	<1	0.11	59	<2	<2	56	<5	12	197
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

(- Less Than Minimum) - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

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VGC VANGEOCHEM LAB LIMITED

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

REPORT NUMBER: 900220 GA JOB NUMBER: 900220 SULLIVAN MANAGEMENT/KESTREL RES.

SAMPLE #	Ag ppm	Au ppb
81529	.1	nd
81530	nd	nd
81531	.4	nd
81532	nd	nd

DETECTION LIMIT 0.1 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: _____

REPORT #: 900220 PA | SULLIVAN MANAGEMENT / KESTREL RES. | PROJECT: TIC / REST | DATE IN: AUG 10 1990 | DATE OUT: AUG 29 1990 | ATTENTION: MR. TENNANT & MR. BUCHHOLZ | PAGE 1 OF 1

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
B1529	0.1	0.14	<3	22	<3	>10.00	1.2	31	18	539	>10.00	<0.01	4.80	4781	31	<0.01	6	<0.01	42	<2	17	391	<5	<3	90
B1530	<0.1	2.55	<3	249	<3	3.70	1.0	22	62	11	4.89	<0.01	2.05	1101	17	<0.01	4	0.11	<2	<2	11	237	<5	<3	64
B1531	0.4	0.69	11	79	<3	0.99	1.9	25	18	57	4.31	0.08	0.24	803	8	<0.01	2	0.08	4	<2	11	10	6	11	70
B1532	<0.1	<0.01	31	15	<3	>10.00	0.2	<1	5	<1	0.20	<0.01	0.49	500	8	<0.01	<1	0.01	18	<2	4	387	<5	68	11
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

1038 [illegible] STREET
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BRANCH OFFICES
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RENO, NEVADA, U.S.A.

REPORT NUMBER: 900227 GA JOB NUMBER: 900227 SULLIVAN MANAGEMENT/KESTREL RES. PAGE 1 OF 1

SAMPLE #	Ag ppm	Au ppb
92372	2.4	nd
92373	.2	nd
92374	1.1	nd
92375	1.9	nd

DETECTION LIMIT 0.1 5
nd = none detected -- = not analysed is = insufficient sample

VANGEOCHEM LAB LIMITED
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ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST:

REPORT #: 900227 PA | SULLIVAN MANAGEMENT / KESTREL RES. | PROJECT: KERR 9 | DATE IN: AUG 10 1990 | DATE OUT: AUG 29 1990 | ATTENTION: MR. JOHN BUCHHOLZ | PAGE 1 OF 1

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
82372	2.4	1.32	>2000	4	<3	1.27	22.4	59	33	105	>10.00	0.04	0.29	333	109	<0.01	46	0.01	254	<2	15	47	<5	<3	63
82373	0.2	0.23	67	>1000	<3	>10.00	1.1	<1	45	9	0.81	<0.01	0.16	10094	7	<0.01	22	<0.01	44	<2	<2	701	<5	<3	27
82374	1.1	0.52	<3	>1000	<3	>10.00	0.8	18	23	27	2.50	<0.01	2.27	4961	16	<0.01	5	0.03	56	<2	8	726	<5	<3	90
82375	1.9	0.41	<3	>1000	73	>10.00	<0.1	<1	67	107	0.65	<0.01	0.24	2805	7	<0.01	17	0.02	60	<2	7	422	5	<3	26
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900033 VA SUB NUMBER: 900033 SULLIVAN MANAGEMENT/EASTERN REE.

SAMPLE #	Ag ppm	As ppb
92206	12.8	50
92207	> 50.0	250
92208	17.6	20
92209	.6	30
92210	3.5	60
92401	2.0	40

DETECTION LIMIT 0.1 5

nd = none detected -- = not analysed is = insufficient sample

VGC VANGEOCHEM LAB LIMITED

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BRANCH OFFICES
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MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900093 AA JOB NUMBER: 900093 SULLIVAN MANAGEMENT/KESTREL RES. PAGE 1 OF 1

SAMPLE #	Ag oz/st
92207	1.26

DETECTION LIMIT .01

1 troy oz/short ton = 34.28 ppm 1 ppm = 0.0001% ppm = parts per million < = less than

signed: _____

1988 Triumph Street, Vancouver, B.C.
Ph:(604)251-5656 Fax:(604)254-5717

ICAP GEOCHEMICAL ANALYSES

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO_3 to H_2O at 95° C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sr, S and Al.

ANALYST: Raymond

REPORT #: 900913 PA | SULLIVAN MANAGEMENT/KESTREL RES. | PROJECT: BAG | DATE IN: JULY 10 1990 | DATE OUT: JULY 12 1990 | ATTENTION: MR. STUART TENNANT | PAGE 1 OF 1

Sample Name	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Sr	U	V	Zn
	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
85528	.6	.6	<3	17	<3	.03	.5	3	6	6	.39	.01	.08	104	2	.01	6	01	25	<2	<2	2	92	<3	12
85529	.6	1.56	26	205	<3	.62	2.2	10	42	33	2.98	.10	.11	719	6	.02	22	08	56	12	6	18	<5	<3	84
85530	.5	1.39	126	146	<3	.22	2.5	11	31	33	3.42	.03	.28	853	7	.02	16	06	27	<2	7	10	<5	<3	85
92206	12.8	1.31	1176	25	<3	3.29	23.4	16	69	877	8.24	.28	1.41	2991	36	.24	107	06	1573	33	11	30	<5	148	2144
92207	>50.0	2.34	1127	38	19	.11	9.5	13	44	2439	>10.00	.01	1.82	3627	55	.20	113	10	10814	111	17	6	<5	242	1447
92208	17.6	.38	469	785	<3	.85	5.1	12	80	1940	1.47	.14	.8	278	33	.31	38	30	1284	1115	2	34	8	43	344
92209	.6	1.30	118	81	<3	.69	2.8	16	36	117	5.10	.10	.12	617	9	.02	11	06	89	31	12	29	<5	29	48
92210	3.5	.10	3107	65	<3	.02	3.2	29	141	498	5.79	.01	.12	95	124	.05	211	01	2166	80	4	1	<5	13	424
92401	2.0	2.22	291	264	5	1.01	6.1	12	109	236	5.15	.14	1.12	3340	18	.07	76	06	291	47	11	15	<5	96	498
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	3	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum | > - Greater Than Maximum | is - Insufficient Sample | ns - No Sample | ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested

VGC VANGEOCHEM LAB LIMITED

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BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

April 30, 1991

TO: Mr. Stuart Tennant
KESTREL RESOURCES LTD.
506 - 675 W. Hastings St.
Vancouver, BC V6B 1N2

FROM: VANGEOCHEM LAB LIMITED
1650 Pandora Street
Vancouver, BC V5L 1L6

SUBJECT: Analytical procedure for soil samples preprations.

1. Method of Sample Preparation

(a) Geochemical soil, silt or rock samples were received at the laboratory in high wet-strength, 4" x 6", Kraft paper bags.

(b) Dried soil and silt samples were sifted by hands using an 8" diameter, 80-mesh, stainless steel sieve. The plus 80-mesh fraction was rejected. The minus 80-mesh fraction was transferred into a new bag for subsequent analyses.

2. Analysts

The sample preparations were supervised or determined by Mr. Conway Chun or Mr. Raymond Chan and his laboratory staff.

Conway Chun
VANGEOCHEM LAB LIMITED

VANGEOCHEM SAMPLE ANALYSIS DESCRIPTION

The lithogeochemical samples were properly bagged, described and labelled in the field. Later, they were shipped by air and ground freight to Vangeochem Lab Ltd. in Vancouver, B.C. for analysis under the supervision of professional assayers. All of the samples were analyzed for gold, using fire assay and atomic absorption procedures, and for a 25-element suite by inductively coupled argon plasma (ICAP) methods.

At Vangeochem Lab Ltd., each rock sample was ground to -100 mesh and a 0.5 gram pulp was digested with 5 millilitres of 3:2:1 hydrochloric acid to nitric acid to water at 95°C for 90 minutes, and then diluted to 10 millilitres with water. The resulting precipitate was then analyzed by ICAP methods for: silver, aluminum, arsenic, barium, bismuth, calcium, cobalt, chromium, copper, iron, potassium, magnesium, manganese, molybdenum, sodium, nickel, phosphorus, lead, antimony, tin, strontium, uranium, tungsten and zinc.

A 20.0 to 30.0 gram pulp was split from each of the ground samples, mixed with flux, fused at 1,900°F to form a button, and subsequently digested in an aqua regia solution. This solution was then analyzed for gold by a Techtron model AA5 Atomic Absorption Spectrophotometer with a gold hollow cathode lamp.

APPENDIX II

Sample Descriptions

Geochemical Data Sheet - ROCK SAMPLING

Sampler: Chase/Bilquist
Date: Aug 2/90

Project: BURMAC ~~[illegible] [illegible]~~
Property: Tic 5, 4

NTS: 104B/15
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Au ppb	ASSAYS: Ag ppm
81516	4240	very local rubble		chlorite diorite	dis fine blebs py			10	.5
17	4240	select grabs		carbonate		strong carb ankerite stringers		nd	.4
18	4580			chlorite quartz monzonite		pink monz green diorite mix		nd	.1
19	4606	chips	2m / yes±	chloritic diorite	mild propylitic alt	rare dis py		nd	.5
20	4470	chips	2m	ankerite calcite		fine dis py, dk grey sulphide		nd	.4
21	4430	chips	1m	rhy, andesite		hematite stringers	pt of iron orange gossan	nd	.4
22	4210	chips	1m	andesite rhyolite		pt carb, hem stringers calc py		nd	.3
23		select chips	several boulders	quartz chlorite	dis blebs py		abundant angular float	10	.7
24	3740	chips	40 cm	chlorite	pyritized silicified zone			nd	.4
25	3800	chips	1/2 m	secular hematite	silicified zone	rare blebs calco		nd	nd
26	3800	chips	1/2 m	qtz		minor calco		nd	.1
27	3790'	chips	1/2 m	blue rhy		blebs dis py rare calco	steep hillside w/ overburden	nd	.4
28	3790'	chips	1/2 m	"	chlorite	lg blebs dk sulphide	adj. previous	nd	.4
~~29~~	~~3500'~~	~~chips~~	~~20 cm~~		~~carb. shear~~	~~py, cpy mild~~	~~N 60° E.~~		
~~30~~	~~3500'~~	~~"~~	~~25 cm~~	~~maroon vol~~		~~fine dis py~~			

Geochemical Data Sheet - ROCK SAMPLING

NTS 104 B/15

Sampler B Chase / B Ilquist
Date Aug 3/90

Project Burmac
Property TIC 4, Post 2

Location Ref
Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS	
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm
81529	3500'	chips	20cm / yes		carb shear	cpy, py mob	N60°E?	nd	.1
30	3500'	"	75cm / +	maroon volcs		fine dis py.		nd	nd
31	3540'	"	1m /	cherty sed	strong carb	rare dis py	long draw @ N60°E	nd	.4
32	2900'	"	50cm /	crinoidal limestone		minor py		nd	nd

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Geochemical Data Sheet - ROCK SAMPLING

NTS 104 B-15

Sampler KENT FORESTER + J. LEE Project TIC 5 Location ISKUT

Date July 5/90 Property _____ M.D. LIARD

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	DESCRIPTION			OBSERVATIONS	ASSAYS	
				Rock Type	Alteration	Mineralization		Ag ppm	Au ppb.
92206	5770 ft.	ROCK	30 cm	QUARTZ	SHEAR.	MASSIVE PYRITE MALACHITE LIMONITE	= LOCATED ON CLIFF FACE	12.8	50
92207	"	ROCK	15.			PYRITE LIMONITE STAINING	SHEAR PINCHES + SWELLS	750	250
92208	"	ROCK	15.	QUARTZ		MALACHITE AZURITE CALCO PYRITE		17.6	20
92401	"	ROCK.	30	QUARTZ	SEEL ZONE	LIMONITE STAINING PYRITE	SHEER EXSTENDS FOR 7m.	.6	30
92209	6134 ft	ROCK.	15.	SEDIMENTARY		PYRITE + LIMONITE STAINING	15m LONG	3.5	60
92210	5770 ft	ROCK	15	QUARTZ		PYRITE LIMONITE STAINING	SAMPLE TAKEN IN SAME AREA AS FIRST FOUND	2.0	40

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Geochemical Data Sheet - ROCK SAMPLING

NTS 104 B/5

Sampler Kent Forster, Des Grier Project ISKut Location Ref Eaglehead Mtn.

Date Aug 3/91 Property Kerr 9 Rest 1/2. Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS	
				Rock Type	Alteration	Mineralization		Au ppb	Ag ppm
E 82372	El. 2600 ft	Select Grab Rock	15cm	Rhyolite	Limonite Staining	Massive to Pyrite	Strike Corner ⇒ 310	nd	2.4
82373	El. 2460 ft.		20cm	Calcite Barite Vein	"		20cm x 3m 200: NE 235	nd	.2
82374	El. 2140 ft.		15cm	Calcite Carbonate	"		100m E of End of Canyon 15cm x 5m ⇒ 80°	nd	1.1
82375	El. 2130 ft	"	20cm	" Shear			Strike ⇒ 110 or 290 25m E of 92374	nd	1.9

A.R. 21349

ASSAYS- Au(ppb)/Ag(ppm)
Outcrop
Traverse
Sample location
Geological Contact
Fault

0 500 1000 m

KESTREL RESOURCES LTD.

REST 1-2, KER 9, TIC 4-5 MINERAL CLAIMS

SAMPLE LOCATION MAP

LIARD MINING DIVISION, B.C.

DATE : APRIL 1991	SCALE :
DRAWN : S. TENNANT	FIGURE : 5

REST 1
REST 2
KER 9
TIC 4
TIC 5

NEWMONT LAKE GRABEN
(Permian volcanics and limestone)

INTRUSIVES
(Hornblende Diorite to Monzonite)

QUARTZ VEIN SYSTEM

2000
3000
4000
5000
6000

81524 nd/0.4
81526 nd/0.1
81525 nd/nd
81527/81528 nd/0.4 nd/0.4
81523 10/0.7
81522 nd/0.3
81516/81517 10/0.5 nd/0.4
81521 nd/0.4
81520 nd/0.4
81518 nd/0.1
81519 nd/0.5
Chloritic Diorite

Baseline 00 (1989 Grid)

92210 Qtz stwr 40/2.7
92208 60/3.5 Qtz shear
92208 20/17.6
92207 250/3.50
92206 50/12.8
Qtz sheared pinch/swell
L 5400E
L 5600E
L 5800E
L 6000E
L 6200E

82374 Calcite Barite shear nd/1.1
82375 nd/1.9
82373 Calcite Barite Vein nd/0.2
82372 Calcite Vein nd/2.4

81532 Limestone nd/nd
81531 Cherty Sedz nd/0.4
81530 nd/nd Carbonate shear
81529 nd/0.1