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**REPORT ON THE
KIK 6 GROUP
(KIK 6-10 Mineral Claims)**

1990 PROSPECTING PROGRAM

ISKUT RIVER AREA
LIARD MINING DIVISION
BRITISH COLUMBIA

56°52' NORTH LATITUDE
130°45' WEST LONGITUDE
NTS 104 B/15

KIK-6 Group

Claim Name	Record No.	No. of Units	Record Date
KIK 6	6380	12	Sept. 17, 1989
KIK 7	6381	5	Sept. 17, 1989
KIK 8	6382	20	Sept. 17, 1989
KIK 9	6383	15	Sept. 17, 1989
KIK 10	6384	20	Sept. 17, 1989

Work Period: August 1990 to September 5, 1990

Owner: Marietta Resource Corporation
1017 - 470 Granville Street
Vancouver, B.C.
V6C 1V5
(604) 485-2091

Operator: Kestrel Resources Ltd.
507 - 675 West Hastings Street
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By: S.J. Tennant
J. Buchholz

December 5, 1990

20,644

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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SUMMARY

A preliminary program of prospecting and sampling was carried out on the KIK 6-10 group of mineral claims during the summer of 1990, to evaluate the mineral potential.

The claims are accessible by helicopter from a base camp at the Forrest Kerr airstrip. A total of 30 rock samples and 6 silt samples were collected.

The claims are predominantly underlain by Jurassic intrusives in contact with undivided Paleozoic metavolcanics and metasediments particularly in the northern portion of the claim block.

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

INTRODUCTION

The KIK 6-10 claims were acquired by staking in September of 1989 on behalf of Kestrel Resources Ltd. The claims are located on and west of Forrest Kerr Creek in the Iskut River area of northwestern British Columbia and cover ground predominantly underlain by Jurassic intrusives in contact with undivided Paleozoic metavolcanics and metasediments in the northern portion of the claim block.

A program of preliminary prospecting and sampling was carried out by Kestrel Resources Ltd. during the summer of 1990, to evaluate the mineral potential of the property.

LOCATION, ACCESS AND TOPOGRAPHY

The property is located within the Liard Mining Division 25 kilometres due north of the junction of McLymont Creek with the Iskut River. Latitude 56°54' North and Longitude 130°44' West pass through the property. Access to the property is via fixed wing aircraft from Smithers or Terrace to Bronson, which is located 110 kilometres northwest of Stewart, British Columbia, or to Forrest Kerr located at the headwaters of the Forrest Kerr River. Access from Bronson is via helicopter (35 kilometres) and then via foot traverse within the claims. Much of the property is inaccessible due to ice, however a good portion is accessible by foot or helicopter. Elevations range from 485 metres A.S.L. at the Forrest Kerr River valley to well above 1,700 metres (ridge on KIK 6 M.C.). Above 1,200 metres the claims are devoid of vegetation except for shrubs and grasses, and exhibit abundant outcrop. Below this elevation the usual coast mountain evergreens, devils club and alder predominate. Precipitation exceeds 4,000 mm (160 inches) annually, while temperatures range from 40° to +25° Centigrade.

MARIETTA RESOURCE CORP.		
LIARD MINING DIVISION, B.C.		
LOCATION MAP		
N.T.S. 104 B/15, 104 G/2	SCALE: As Shown	FIG.
DATE: FEB., 1990	DRAWN: J. B. /dw	1

KIK 6-10 CLAIMS



BRITISH COLUMBIA

U.S.A.



MARIETTA RESOURCE CORP.		
KIK 6-10 MINERAL CLAIMS		
CLAIM MAP		
LIARD MINING DIVISION, B.C.		
NTS 104 B/15	SCALE 1 : 50 000	FIG.
DATE MAY 1990	DRAWN BDS	2

PROPERTY AND LIST OF CLAIMS

The KIK prospect consists of the following modified grid claims controlled by Kestrel Resources Ltd.

Claim Name	Record No.	No. of Units	Record Date
KIK 6	6380	12	Sept. 17, 1989
KIK 7	6381	5	Sept. 17, 1989
KIK 8	6382	20	Sept. 17, 1989
KIK 9	6383	15	Sept. 17, 1989
KIK 10	6384	20	Sept. 17, 1989

AREA HISTORY

Although the Iskut River region has been explored intermittently since the beginning of the century (1907) the bulk of exploration has been completed since 1960 with activity culminating in 1988-89 in an area known as the "Stikine Arch".

The Stikine Arch encompasses approximately 20,000 square kilometres (7,700 square miles) and is located within the following geographical centres of northern British Columbia - Telegraph Creek (Latitude 57°57'N, Longitude 131°07'W) which represents the northern boundary - Stewart (Latitude 55°55'N, Longitude 130°00'W) the southeast boundary and the junction of the Iskut River with the Stikine River (Latitude 56°45'N, Longitude 131°45'W) which is the southwest corner.

In 1907, 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 the Skyline Exploration 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.

Skyline staked 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 October 1989, Skyline reported reserves from the Stonehouse Gold Deposit of 740,000 s.t. grading 18.0 gms/tonne (0.52 opt) gold. Silver and copper average about 27.0 gms (0.79 opt) and 0.76 percent, respectively. The company experienced difficulties with both recovery of metal and ore reserves throughout its production period and announced in the summer of 1990 that it had exhausted all proven ore reserves requiring a shutdown effective in September of 1990.

During 1989, Inel completed 106 metres (350 feet) of underground drifting and 8,514 metres (27,934 feet) of diamond drilling of which more than 7,000 metres (22,967 feet) was surface drilling. The AK Zone - a steeply dipping northwest trending hydrothermal(?) breccia, contains values greater than 68.57 gms/tonne (2.0 opt) gold over an interval of 2.45 metres (8.0 feet). Drilling and exploration continued in 1990.

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 magnetic surveying, sampling and diamond drilling was conducted to explore the skarn type mineralization discovered on the Dirk and Ken showings. Intersections of 0.23% Copper and 3.4 g/tonne (0.099 opt) Silver over 15.85 metres (52.0 feet) were reported from the Ken showing. Diamond Drill Hole No. 4 on the Dirk showing returned assays of 0.30% Copper over 1.83 metres (6.0 feet).

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 g/tonne (3.0 opt) gold. 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 g/tonne (1.60 opt) gold, 1362.1 g/tonne (39.73 opt) silver and 0.97% copper over 11.12 metres (36.5 feet). During 1988-89, Gulf drilled over 9,140 metres (30,000 feet) most of which focused on the northwest zone, tentatively classified as a structurally controlled calcareous sedimentary host. "Hole 89-64 contained visible gold and averaged 0.309 opt Au over 12.8 feet" (Gulf International News Release, October 26, 1989). Additional drilling was completed in 1990.

Delaware Resources Ltd. completed 10,000 metres (32,810 feet) 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 g/tonne (0.70 opt) gold. During the 1988 season, an underground program was initiated on this deposit followed by additional drilling in 1989. A production decision was announced in the summer of 1990 effective in 1991 and contingent in part on road access to the area.

The discovery of the Eskay Creek gold prospect in November of 1988 has done much to stimulate exploration activity in the Iskut region. The deposit occurs essentially at the upper contact of a relatively flat lying, hydrothermally-altered andesite breccia (Rhyolite) within Middle Jurassic Hazelton Group volcanic and sedimentary rocks. The effects of faulting and folding are not clearly understood at this date. The zone remains open to the northeast and downdip, although fill-in drilling at 25 metre spacing is continuing. Spectacular results have been obtained in drill core assays, particularly those in Hole No. 109, which returned 201.2 metres (660 feet) grading 30 grams (0.876 opt) per tonne gold. Drill hole intersections varying from 5 to 10 metres (16 to 33 feet) and grading to 100 grams (2.92 opt) gold per tonne with an average 1,000 grams (29.2 opt) or more of silver per tonne, are not uncommon. Significant values in lead and zinc are present as well. This prospect is without doubt the most important precious metal deposit ever discovered in British Columbia.

A number of mineral occurrences within the Iskut region have been developed to the stage where production planning is being carried out. Potential producing mines are summarized below.

<u>Deposit</u>	<u>Owner</u>	<u>Size</u>	<u>Type</u>	<u>Grade</u>
Snip	Cominco	1.0 m tons	shear	27.5 gms/tonne Au (0.80 opt)
Sulphurets	Newhawk Granduc	1.5 mt	vein	778 gms/tonne Ag 22.7 opt) 17.3 gms/tonne Au (0.506 opt)
Schaft Cr.	Teck Corp.	1,000 mt	porphyry	0.3% Cu, 1.2 gms/tonne Ag (0.035 opt) 0.13 gms/tonne Au (0.004 opt)
+ Eskay Cr.	50% Calpine 50% Stikine	10 mt	volcano- genic?	15.4 gms/tonne Au (0.450 opt)
Galore Cr.	Hudson Bay	137 mt	porphyry	1.06% Cu 0.4 gms/tonne Au (0.011 opt)
Kerr	Western Canadian Mining Corp.	66 mt	porphyry	0.86% Cu 2.1 gms/tonne Ag (0.06 opt) 0.4 gms/tonne Au (0.011 opt)

Producing mines of the area consist of the following:

<u>Deposit</u>	<u>Owner</u>	<u>Size</u>	<u>Type</u>	<u>Grade</u>
Big Missouri	Westmin Resources	2.6 mt	vein	29.5 gms/tonne Ag (0.086 opt) 3.2 gms/tonne Au (0.093 opt)
Silbak Premier	Westmin Resources	6.1 mt	vein	81.9 gms/tonne Ag (2.39 opt) 2.2 gms/tonne Au (0.064 opt)

m = million

+ = unpublished

Road access studies to link with existing roads have been completed over several routes. This would entail approximately 60 kilometres (38 miles) of new road construction costing some \$12 million (Cdn). The British Columbia Highways Ministry has approved construction of such an access road to serve the resources sector in the area. The distance from the centre of the area to salt water (Stewart) is approximately 225 kilometres (140 miles) by road.

REGIONAL GEOLOGY

The Iskut River area is located along the margin of the Coast Crystalline Complex to the west and Bowser Basin to the east, and is comprised of four distinct and geologically complex sedimentary-volcanic elements arranged stratigraphically from Paleozoic to Jurassic, and rearranged spatially by Tertiary Coast Crystalline intrusion and uplift. Remnants of a Tertiary volcanic blanket occupy upper portions of the stratigraphic column in a few localities of the map area.

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 1481 - 1979 - "Iskut River", form the basis of earlier government mapping. Recent work completed by the G.S.C. - Open File No. 2094 (1989) covers the KIK property, as well as the area along the Forrest Kerr drainage. In addition, the entire 1:50,000 Forrest Kerr sheet has been remapped in 1989 by crews of the B.C. Department of Mines and has been released in preliminary form during the first part of February of 1990, Open File 1990-2.

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. 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. Skyline's Stonehouse and Inel deposits occur within this unit.

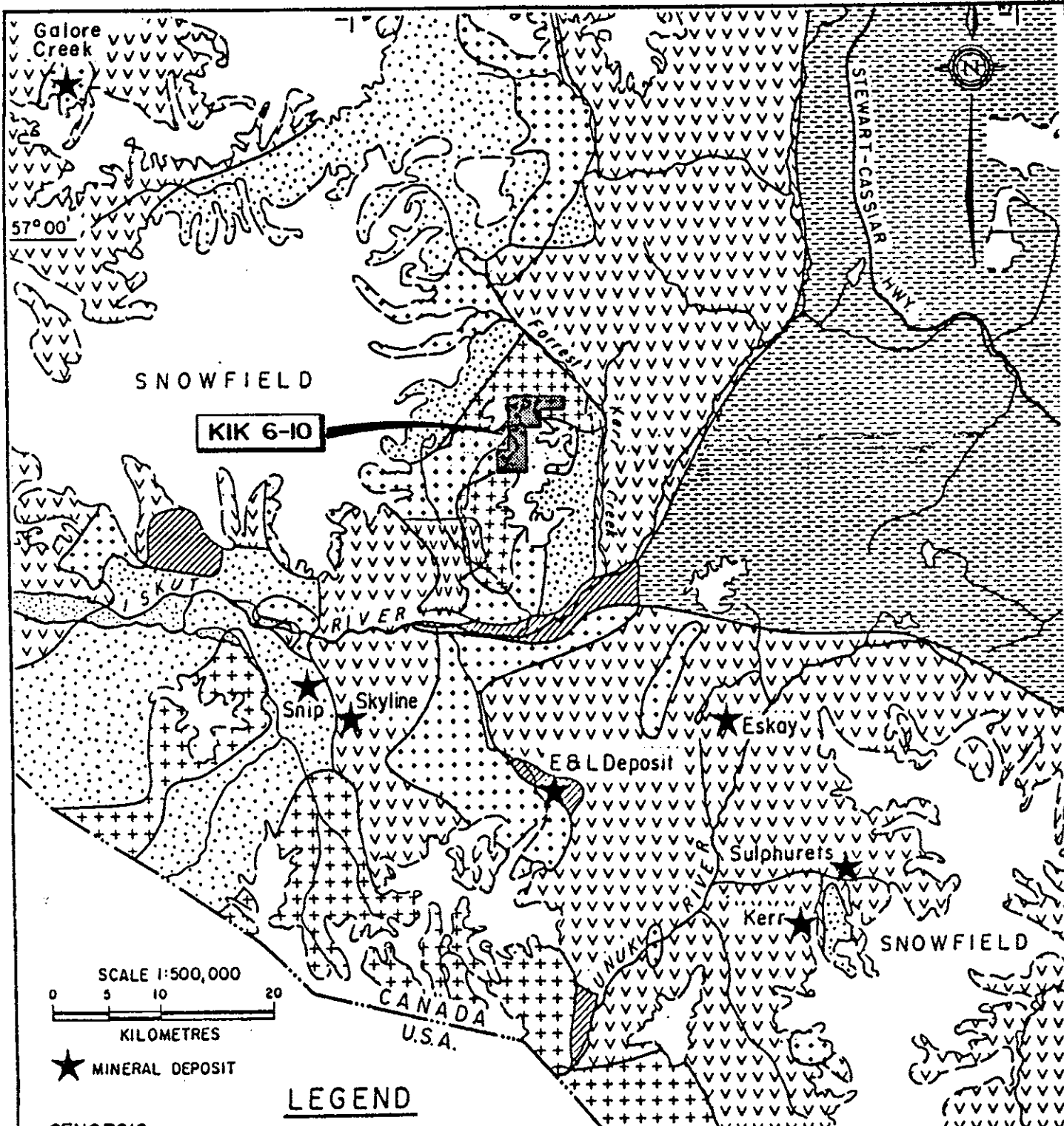
Overlying the Triassic Hazelton volcanic-sedimentary assemblage is a similar group of volcanic-sedimentary rocks of middle Jurassic age tentatively named the Betty Creek Formation.

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.




SCALE 1:500,000
 0 5 10 20
 KILOMETRES


★ MINERAL DEPOSIT

LEGEND

- CENOZOIC**
-  Recent basalt flows
 -  Early Tertiary felsic intrusives, primarily quartz monzonite
- MESOZOIC**
-  Cretaceous and Tertiary intrusives, felsic to intermediate
 -  Middle to Upper Jurassic Bowser Lake Group clastic sediments

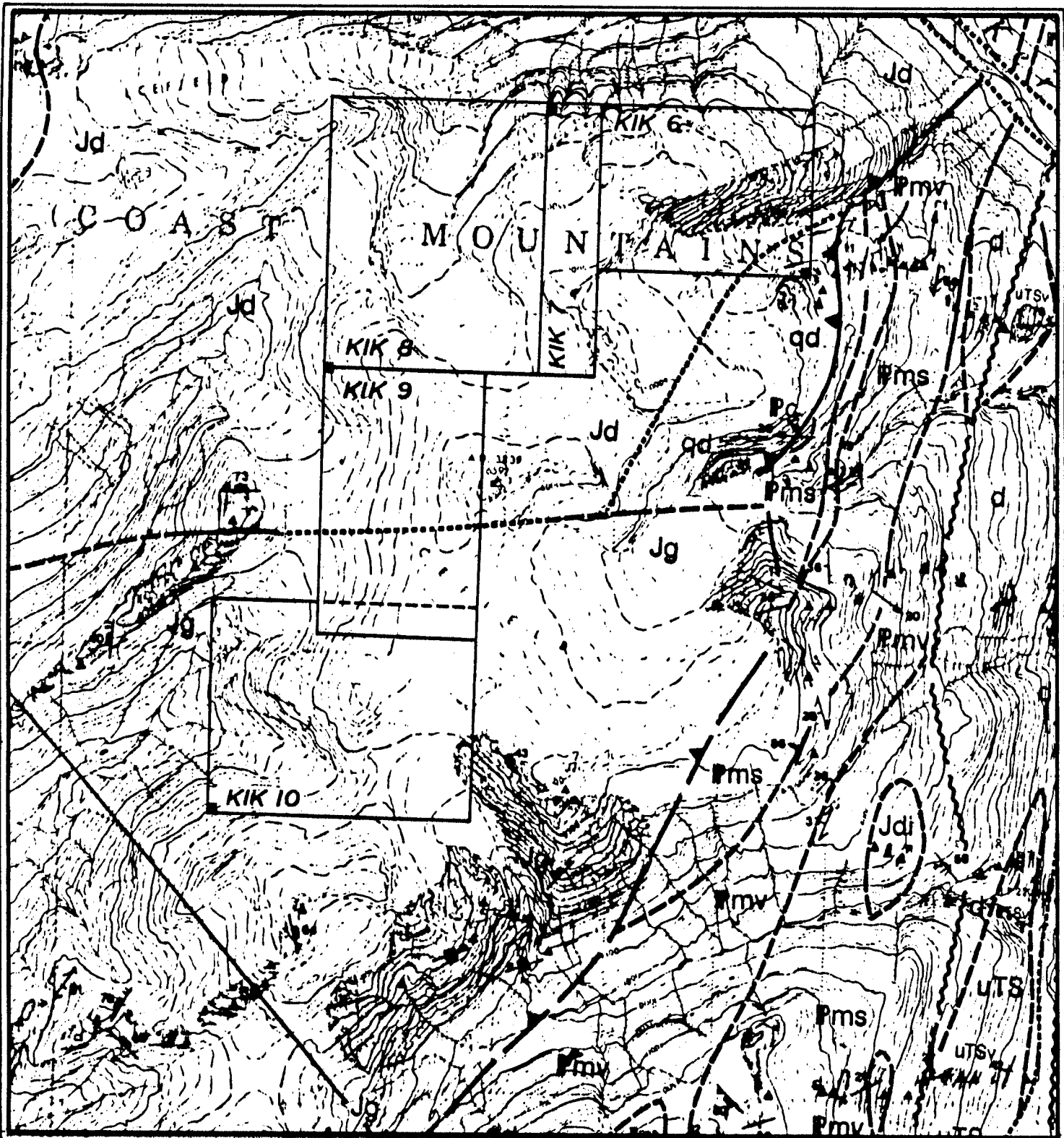
 Upper Triassic to Upper Jurassic volcanics and sediments, Hazelton and Stuhini Groups

PALEOZOIC

 Permian and older clastic, limestone and volcanic rocks and metamorphic equivalents; includes metamorphic rocks of unknown age.

Amended from G.S.C. Map II-1971, Telegraph Creek; Equity Preservation Corp., Stewart-Sulphurets-Iskut Map 1988; and from Pamicon Developments Ltd. field maps

MARIETTA RESOURCE CORP.			
SIMPLIFIED REGIONAL GEOLOGY LIARD MINING DIVISION, B.C.			
J. BUCHHOLZ			
Drawn. J.W.	N.T.S. 103,104	Date.	FIG. 3



MARIETTA RESOURCE CORP.		
KIK 6-10 MINERAL CLAIMS		
PROPERTY GEOLOGY		
LIARD MINING DIVISION, B.C.		
NTS 104 B/15	SCALE 1 : 50 000	FIG.
DATE MAY 1990	DRAWN BDS	4

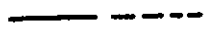
Geology after : Logen J.M. OF 1990-2

LEGEND


Quaternary	Qual	Till, Alluvium
		<u>INTRUSIVE</u>
Early Jurassic	eJm	Porphyritic Monzonite
	eJg	Granite
Jurassic	Jgm	Quartz Monzonite
	Jg	Granite
	Jd	Quartz Diorite
		<u>STIKINE ASSEMBLAGE</u>
Paleozoic	Pu	Undivided Metavolcanics, Metasediments
		<u>WESTERN ASSEMBLAGE</u>
Permian	Pvt	Lapilli Tuff, Andesite
	Pvb	Breccia Flows
	Pc1-Pc2	Massive to medium Bedded Limestone Locally Fossiliferous
	Pcg	Boulder Conglomerate
Mississippian-Pennsylvanian	Mss	Siltstone
	Mc	Calcarene
	Mv	Undivided Volcanics
	Mvt	Lapilli Tuff
	Mvr	Rhyolite, Flow Banded Breccia
	Mvb	Basalt Flows


Simplified after J.M. Logan O.F. 1990-2 B.C.

SYMBOLS

 Contact - conformable, unconformable

 Fault

 Thrust Fault


 Anticline

 Syncline

 Joint

 Dyke

 Vein

 Outcrop visited

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 KIK 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 the intrusive rocks underlying the claims and surrounding area, as well as nearby volcanic and sedimentary units of Paleozoic age. Regional faulting, trending northerly, is not readily discernable on the property, although areas to the east and west display such faulting. According to mapping completed by the B.C. Department of mines, there are no volcanic-sedimentary remnants within the intrusive rocks underlying the claim block. Detailed prospecting this summer revealed portions of the property to be covered with metavolcanics (rhyolites, andesite flows) particularly in the northern section of the claim block.

1990 EXPLORATION PROGRAM

The 1990 exploration program was undertaken to assess the exploration potential of the property. The field program was conducted during the month of August.

Access was via helicopter (provided by Northern Mountain Helicopters), from a base camp at Forrest Kerr Airstrip, some six kilometres to the west. Field work was conducted by employees of Kestrel Resources Ltd. under the supervision of the authors. Some 30 rock samples and 6 silt samples were collected.

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, 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 analytical results and lithogeochemical sample descriptions accompany this report as Appendices I and II respectively.

DISCUSSION OF RESULTS

A total of 10 man days was spent prospecting the KIK 6-10 claims. The majority of the property is underlain by Jurassic intrusives varying from hornblende quartz monzonite to hornblende diorite. Traverses this summer located areas of metavolcanics (rhyolite and andesite flows) containing disseminated fine grained pyrite and minor chalcopyrite.

Generally assay results did not return significant values in base or precious metals. The highest gold assay, 640 ppb, was from Sample 80659 located on the east side of KIK 10. The sample was taken from narrow quartz carbonate veins contained in a large shear structure in hornblende diorite. The shear striking N20°E has limited exposure due to surrounding ice fields. Two other samples 80660 and 80662 taken within the same area had gold values of 120 ppb and 300 ppb respectively.

RECOMMENDATIONS

Paleozoic metasediments and volcanics south of the property are known to carry gold-bearing quartz veins as at Avondale (Forrest claims) and Kestrel (KRL claims). In addition, Gulf International Minerals has encountered a number of significant drill intersections within calcareous sedimentary rocks on its Northwest Zone south of Newmont Lake.

Any additional work on the KIK claims should be concentrated on the contact areas between the intrusives and metavolcanics.

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

DATED at Vancouver, British Columbia, this 5th day of December, 1990.

CERTIFICATE

I, JOHN BUCHHOLZ, of 10370 Monte Bella Road, Winfield, British Columbia do hereby certify that:

1. I was employed by Kestrel Resources Ltd. since 1988 as Exploration Geologist to conduct geological mapping and property examinations on their Iskut River mineral claims.
2. I am a graduate of the University of British Columbia having obtained a degree in Geology (B.A.) in 1962.
3. I have practised my profession during the periods 1962-1974 and 1987 to present on various exploration projects ranging from grassroots to underground programs.
4. I am familiar with and have personally examined the property described in the body of this report in September of 1990, at which time I acted on behalf of Marietta Resource Corporation

John Buchholz

DATED at Vancouver, British Columbia, this _____ day of December, 1990.

PROGRAM COSTS

S. Tennant				
Geologist, 1 day @	\$	325/day	\$	325
J. Buchholz				
Geologist, 1 day @		325/day		325
M. Callaghan				
Prospector, 2 days @		200		400
D. Wituik				
Prospector, 4 days @		175		700
J. Lee				
Prospector, 2 days @		175		<u>350</u>
		Total	\$	2,100

Field Expense

Room and Board, 10 man days @ \$125/day	1,250
Helicopter 3 hours @ 800/hr	2,400
Drafting and Maps	200
Freight	48
Assay (Vangeochem Lab) 36 samples @ \$16/sample	576
Report Costs	<u>1,276</u>

TOTAL COST OF 1990 PROGRAM	\$	<u>7,850</u>
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Appendix I

SAMPLE ASSAY RESULTS

1630 ORA STREET
VANCOUVER, BC V5L 1L6
(604) 251-5656

VGC VANGEOCHEM LAB LIMITED

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

BRANCH OFFICES
PASADENA, N.F.L.D.
BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 900223 GA

JOB NUMBER: 900223

SULLIVAN MANAGEMENT/KESTREL RES.

PAGE 1 OF 1

SAMPLE #	Ag ppm	Au ppb
80546	.7	nd
80547	.5	nd
80548	.3	20
80549	.4	20
80550	.4	nd
80559	.1	nd
80560	.1	nd
80561	.5	nd
80562	.4	nd

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

VANSEOCHEM 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 HNO₃ to H₂O 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: *Ryan*

REPORT #: 900223 PA SULLIVAN MANAGEMENT/KESTREL PROJECT: KIK 6 DATE IN: AUG 10 1990 DATE OUT: SEP 6 1990 ATTENTION: MR. JOHN DUCHHOLZ 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
80546	0.7	2.64	<3	182	18	1.64	4.8	61	50	45	6.54	<0.01	2.26	1141	15	<0.01	32	0.16	92	18	23	44	9	<3	113
80547	0.5	3.56	<3	75	<3	1.85	4.3	44	57	106	4.52	<0.01	1.71	764	14	<0.01	22	0.07	50	6	21	110	7	<3	81
80548	0.3	1.39	<3	192	<3	4.74	3.2	34	105	149	5.83	<0.01	3.37	1253	14	<0.01	56	0.06	43	<2	24	154	9	<3	48
80549	0.4	1.65	<3	249	<3	5.51	4.1	31	105	6	6.03	<0.01	3.63	1607	14	<0.01	65	0.06	11	<2	12	67	6	<3	34
80550	0.4	2.96	<3	273	<3	3.22	<0.1	39	59	8	6.70	<0.01	3.60	1241	26	<0.01	40	0.05	18	<2	19	54	<5	<3	57
80559	0.1	2.00	<3	139	<3	3.39	2.4	32	20	16	6.61	<0.01	2.55	1738	14	<0.01	6	0.10	34	3	16	62	6	<3	89
80560	0.1	2.13	<3	149	<3	3.29	1.2	23	41	45	4.42	<0.01	2.46	1015	13	<0.01	27	0.05	<2	<2	14	85	<5	<3	31
80561	0.5	0.48	<3	114	<3	>10.00	1.2	20	52	28	>10.00	<0.01	6.82	5922	25	<0.01	50	<0.01	55	3	14	128	<5	<3	26
80562	0.4	2.85	<3	780	<3	5.26	<0.1	38	268	<1	7.64	<0.01	3.53	2468	23	<0.01	103	0.10	28	<2	20	77	<5	<3	54

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.

1630 PPA STREET
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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: 900224 GA JOB NUMBER: 900224 SULLIVAN MANAGEMENT/KESTREL RES. PAGE 1 OF 1

SAMPLE #	Ag ppm	Au ppb
80563	nd	nd
80564	nd	nd
80565	nd	nd
80566	nd	nd
80567	nd	nd
80568	nd	nd
80569	nd	nd
80570	nd	nd
80571	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
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ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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: *Ryan*

REPORT #: 900224 PA

SULLIVAN MANAGEMENT / KESTREL RES.

PROJECT: KIK 9

DATE IN: AUG 10 1990

DATE OUT: SEPT 04 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
80563	<0.1	2.16	<3	48	<3	2.63	3.3	33	122	387	3.98	<0.01	1.59	862	13	0.03	32	0.01	28	<2	16	44	<5	<3	56
80564	<0.1	3.52	<3	122	<3	1.10	1.6	27	40	64	4.59	0.35	2.03	936	17	0.04	<1	0.03	17	<2	14	41	<5	<3	79
80565	<0.1	3.24	<3	74	<3	2.08	2.5	23	38	24	6.32	<0.01	1.04	1223	10	0.04	<1	0.19	5	<2	13	24	<5	<3	113
80566	<0.1	6.92	<3	107	<3	6.10	1.3	54	676	17	7.86	<0.01	6.27	2310	22	0.09	240	0.03	<2	<2	20	68	<5	<3	129
80567	<0.1	2.62	<3	73	<3	1.32	<0.1	27	42	29	5.44	0.05	1.15	1346	8	0.04	<1	0.15	9	<2	24	22	<5	<3	115
80568	<0.1	4.47	<3	40	<3	1.50	1.4	36	52	67	5.60	0.11	2.60	863	12	0.04	<1	0.04	5	<2	18	42	<5	<3	74
80569	<0.1	2.47	<3	30	<3	1.82	<0.1	20	90	11	1.97	0.07	1.97	375	12	0.01	<1	<0.01	5	<2	16	25	<5	<3	34
80570	<0.1	1.57	<3	14	<3	>10.00	1.5	17	31	4	6.15	<0.01	4.75	3255	14	0.06	<1	<0.01	14	<2	15	50	<5	<3	10
80571	<0.1	1.97	<3	19	<3	0.85	<0.1	20	74	33	2.25	0.02	1.24	401	<1	0.02	<1	0.02	<2	<2	14	36	<5	<3	35
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.																								

VANGEOCHEM LAB LIMITED

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RENO, NEVADA, U.S.A.

REPORT NUMBER: 900292 GA JOB NUMBER: 900292 SULLIVAN MANAGEMENT/KESTREL RES. PAGE 1 OF 1

SAMPLE I	Ag ppm	Au ppb
80655	nd	nd
80656	nd	nd
80657	.7	10

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

VANGUARD CHEM LAB LIMITED

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ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O 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: *Ryan*

REPORT #: 900292 PA

SULLIVAN MANAGEMENT / KESTREL RES.

PROJECT: NONE GIVEN

DATE IN: AUG 23 1990

DATE OUT: SEPT 22 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	I	ppm	ppm	ppm	I	ppm	ppm	ppm	ppm	I	I	I	ppm	ppm	I	ppm	I	ppm	ppm	ppm	ppm	ppm	ppm	ppm
80655	<0.1	0.29	24	24	<3	5.21	1.7	12	31	14	2.41	0.06	0.93	1067	3	0.04	16	0.04	12	<2	<2	21	<5	<3	9
80656	<0.1	0.85	<3	24	<3	9.87	2.3	10	28	11	4.02	<0.01	3.19	1831	3	0.09	17	0.04	15	<2	<2	37	<5	<3	12
80657	0.7	1.07	<3	41	<3	0.77	3.2	126	56	435	5.35	<0.01	0.54	287	7	0.06	11	0.02	33	7	5	68	<5	<3	25
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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BRANCH OFFICES
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RENO, NEVADA, U.S.A.

REPORT NUMBER: 900293 GA

JOB NUMBER: 900293

SULLIVAN MANAGEMENT/KESTREL RES.

PAGE 1 OF 1

SAMPLE #	Ag	Au
	ppm	ppb
80651	nd	nd
80652	nd	nd
80653	nd	nd
80654	nd	20

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 HNO₃ to H₂O 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: *Ryan*

REPORT #: 900293 PA

SULLIVAN MANAGEMENT / KESTREL RES.

PROJECT: KIK 8

DATE IN: AUG 23 1990

DATE OUT: SEPT 22 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	µ	ppm	ppm	ppm	µ	ppm	ppm	ppm	ppm	µ	µ	µ	ppm	ppm	µ	ppm	µ	ppm	ppm	ppm	ppm	ppm	ppm	ppm
80651	<0.1	0.30	<3	72	<3	>10.00	4.3	14	12	23	7.82	<0.01	5.06	6559	5	0.18	22	<0.01	102	<2	4	52	<5	<3	90
80652	<0.1	0.65	<3	314	<3	8.82	2.5	22	50	6	6.12	<0.01	1.76	1961	2	0.10	18	0.03	28	<2	<2	43	<5	<3	55
80653	<0.1	1.44	<3	63	<3	1.15	0.9	25	67	157	2.40	<0.01	1.12	524	4	0.05	22	0.02	35	<2	<2	59	<5	<3	41
80654	<0.1	1.47	<3	43	<3	1.27	0.5	9	95	43	1.54	<0.01	0.51	267	1	0.03	2	0.02	19	<2	2	71	<5	<3	23
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: 900387 GA JOB NUMBER: 900387 SULLIVAN MANAGEMENT/KESTREL RES. PAGE 1 OF 1

SAMPLE #	Ag	Au
	ppm	ppb
KIX-8 B1	nd	5
KIX-8 B2	nd	20
KIX-8 B3	nd	15
KIX-8 B4	nd	15
KIX-8 B5	nd	15
KIX-8 B6	nd	5

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 HNO₃ to H₂O 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: *Raymond*

REPORT #: 900387 PA

SULLIVAN MANAGEMENT / KESTREL RES.

PROJECT: KIK-8

DATE IN: SEPT 05 1990

DATE OUT: SEPT 29 1990

ATTENTION: MR. JOHN BUCHHOLZ

PAGE 1 OF 1

Sample Name	Ag ppm	Al %	As 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	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
KIK-8 B1	<0.1	1.54	<3	388	<3	0.37	1.9	25	11	18	8.25	5.12	0.48	6188	12	0.20	26	0.07	7	9	29	8	<5	<3	62
KIK-8 B2	<0.1	2.88	<3	159	<3	0.25	1.0	23	28	44	6.43	4.38	0.63	1772	17	0.30	20	0.05	<2	<2	43	12	<5	<3	141
KIK-8 B3	<0.1	4.80	<3	77	<3	0.48	1.3	27	33	81	4.36	3.81	0.86	1467	21	0.24	14	0.09	<2	<2	61	32	<5	<3	119
KIK-8 B4	<0.1	3.01	<3	173	<3	0.30	2.0	35	41	72	8.59	5.47	1.15	3953	18	0.22	36	0.06	<2	2	46	14	<5	<3	85
KIK-8 B5	<0.1	1.95	<3	159	<3	0.44	3.1	31	27	43	7.24	5.05	0.95	3289	12	0.19	21	0.07	<2	6	35	19	<5	<3	52

KIK-8 B6	<0.1	2.74	<3	193	<3	0.34	2.7	31	30	75	8.29	5.26	1.19	3640	16	0.19	12	0.04	<2	<2	42	17	<5	<3	56
----------	------	------	----	-----	----	------	-----	----	----	----	------	------	------	------	----	------	----	------	----	----	----	----	----	----	----

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.

REPORT NUMBER: 900375 GA

JOB NUMBER: 900375

SULLIVAN MANAGEMENT/KESTREL RES.

PAGE 1 OF 1

SAMPLE #	lg	lu
	nan	nan
80659	nd	640
80660	nd	120
80661	nd	70
80662	nd	300
80663	.3	30

DETECTION LIMIT

0.1 5

nd = none detected

-- = not analysed

ls = 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 HNO₃ to H₂O 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: Raymond

REPORT #: 900375 PA

SULLIVAN MANAGEMENT / KESTREL RES.

PROJECT: NONE GIVEN

DATE IN: SEPT 04 1990

DATE OUT: OCT 03 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
80658	0.4	2.18	<3	19	<3	1.73	2.7	21	629	103	4.75	0.22	1.17	565	554	0.03	2776	0.04	<2	<2	11	18	<5	<3	83
80659	<0.1	0.69	<3	980	<3	>10.00	2.7	9	31	9	6.41	0.44	3.08	5013	20	0.04	38	0.02	30	16	9	112	<5	<3	21
80660	<0.1	0.62	<3	>1000	<3	>10.00	3.6	9	31	11	7.32	0.47	1.26	6433	11	0.04	14	0.01	31	18	10	178	<5	<3	22
80661	<0.1	0.42	<3	>1000	<3	>10.00	4.1	13	9	174	>10.00	0.54	2.17	7603	15	0.04	18	0.02	45	27	11	134	<5	<3	26
80662	<0.1	0.25	<3	>1000	<3	>10.00	1.4	3	32	9	3.50	0.34	0.38	2519	4	0.02	<1	<0.01	21	11	4	254	<5	<3	8
80663	0.3	0.70	<3	908	<3	1.49	<0.1	8	52	1447	1.14	0.12	0.30	489	4	0.01	<1	0.02	<2	<2	3	25	<5	<3	9
80664	0.3	1.15	<3	35	<3	0.05	0.3	8	116	41	3.83	0.07	0.71	300	9	0.01	45	0.04	<2	<2	5	10	<5	<3	28
80665	0.2	1.51	<3	42	<3	1.48	1.4	5	130	26	3.03	0.16	0.85	172	7	0.02	33	0.04	<2	<2	5	389	<5	<3	43
80666	<0.1	2.46	<3	33	<3	0.92	0.5	37	28	178	5.07	0.18	1.43	859	14	0.04	12	0.06	<2	<2	17	29	<5	<3	75

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.

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 D Witvuk
MIKE CALLAGHAN
 Date Aug 13 / 90

Project PROSPECTING
 Property KIK 8

NTS _____
 Location ISKUT
LIARD
 M.D. _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	DESCRIPTION			OBSERVATIONS	ASSAYS			
				Rock Type	Alteration	Mineralization		Ag ppm	Au ppb		
KIK8-B3	EL 1500m 4921	SOIL		INTRUSIVE	SKARN	Py.	A DIORITE FELDSPAR PERPHYRY IS WELL FRACTURED THIN EPIDOTE CARBONATE + GTZ FILLED FRACTURES FINE PY.	nd	15		
KIK8-B4	EL 1440m 4724	SOIL		INTRUSIVE		Py.	ORANGE SOIL GOSSEN MEDIUM GRAINED DIORITE MINOR PY FRACTURES APPROXIMATELY 1km S40W OF 80653	nd	15		
80655	EL 1440m 4724	Rock		GTZ CARB			SHEAR FILLING N20E 20m 3GTZ VEINS CROSS THROUGH NW VEINS ARE 2.5-5cm wide. SAMPLE CHIP EVERY 8" ACROSS NW FOR 10m TALUS COVERS NE END BUT SHEAR PINCHES OUT. A FINE DIORITE (CHILLED) WALL ROCK	nd	nd		
80656	EL 1430m 4692	Rock		GTZ CARB			SMALL SHEAR FILLED GTZ-CARB STRIKE N20E 3GTZ VEINS STRIKE NW WITH FAULT FRACTURES. CHIP OF SHEAR ALONG FINE DIORITE OR ANDESITE	nd	nd		
KIK-B5	EL 1420m 4659	SOIL		GTZ-CARB		PYRITE	SAMPLE TAKEN BELOW A 10cm GTZ VEIN	nd	15		
KIK B6	EL-1300m 4265	SOIL						nd	85		
80657	EL-1300m 4265	Rock		GTZ	EPIDOTE SKARN	CPY NEODISITE MALACHITE PY	SMALL VEIN OCCURRENCE! SEVEN-NINE VEINS SELECT CHIP SAMPLED AT RANDOM THROUGHOUT 8m WIDTH INCLUDING SOME PYRITIZED DIORITE MOST VEINS STRIKE N20W A FEW N20E. ROCK IS BROKEN AND WELL FRACTURED ALONG SOME VEINS EXPOSING WHITE SHEETS OF GTZ 2.5cm AVERAGE DIORITE HAS BEEN FRAGMENTED AND SILICIOUS	7	10		

DIORITE HAS BEEN FRAGMENTED AND SILICIOUS

Geochemical Data Sheet - ROCK SAMPLING

Sampler MIKE CALLAGHAN
 Date AUG 12 1990

Project PROSPECTING
 Property KIK 8

Location ISKUT
LIARD
 M.D. _____

NTS _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	DESCRIPTION			OBSERVATIONS	ASSAYS								
				Rock Type	Alteration	Mineralization										
KIK 8 B1	EL 1600m	Soil					TRAVERSE IS IN THE NW CORNER OF KIK 8 PROMINENT CONTOURS ARE NE RISING TO SW. KIK 8-B1 will be near CLAIM Boundary APPROX 600m SW OF 5500									
							EL. NE END OF RIDGE, THIS SAMPLE MAY BE CLOSER THAN 600m AS SHOWN ON SKETCH?									
80651	EL 1650 m	Rock	1m	Qtz-CARB	EPIDOTE	PYRITE IN small CONCENTRATIONS Limonite	THIS VEIN OR SHEAR FILLING IS FAIRLY TALUS COVERED. EXPOSED 1m WIDE - 1.5-2m LONG NE STRIKE. IS PROBABLY SAME AS 200m SW. DIORITE & DIORITE ANDESITE, and Lamprophyre Dykes ALSO GRANITE.									
80652	EL 1530m	Rock	4m x 2.5m	Shear		No sulphides visible	THIS SHEAR FILLING IS 4m wide N60E → S60W EXPOSED - 2.5m CHIP SAMPLE EVERY 30cm ZIG ZAG ACROSS WIDTH ALONG STRIKE 2.5m. HANG WALL IS A COARSE HORNBLANDE DIORITE FOOT WALL IS A FINE GREEN ANDESITE SPOTTY + SPARSE CRY. IN HAIRLINE Qtz FRACTURES and .1% PYRITE IN THE ROCK - BOTH MINERALIZATION IN THE ANDESITE, ALSO A FINE SILICIOUS DYKE OR WEDGE PRESENT									
80653	EL 1510m	Rock		Qtz VEIN	EPIDOTE	SPY + PY MALACHITE Hem STAIN	3 Qtz VEINS 2.5cm N20E CHIP OF 3 VEINS Composite DISTANCE APART 1.5m between VEINS. CHIPS OF EACH MINERALIZATION SPARSE									
KIK-8-B2	10m SE 80653	SOIL														
80654	EL 1390m	Rock	1.8m	Qtz VEIN		NO VISIBLE sulphides	CHIP ACROSS 6' INCLUDING ANDESITE OR DIORITE PHASE INCLUDING 3 VEINS. LOCATION IS 150m SEASTERLY OF 80653 VEINS STRIKE NEASTERLY									

Geochemical Data Sheet - ROCK SAMPLING

NTS 104 B-15

Sampler JALEE / D. WITVICIK

Project KIV 6

Location Ref ISKUT

Date AUG 4/90

Property SE MARIETTA

Air Photo No LIARD

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width	True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
					Rock Type	Alteration	Mineralization		Ag ppm	Au ppb				
80546	4871ft	ROCK	GRAB		VOLCANIC		ANOSITE, PYRITE		.7	nd				
80547	4953ft	"	"		"		DIORITE, PYRITE, QUARTZ.	EAST SIDE OF PROMINENT RIDGE	.5	nd				
80548	4658ft	"	"		"		RYLITE OUTCROPP CALCITE STAINING KALCO, ANOSITE, PYRITE	SMALL RIDGE BETWEEN 2 GLACIER TOES	.3	20				
80549	4641ft	"	"		"		RYLITE OUTCROPP QUARTZ PYRITE	SAME OUTCROPP AS 80548.	.4	20				
80550	4625ft	"	"		"		CARBONATE STAINED OUTCROPP PYRITE, ANOSITE		.4	nd				
80559	4494ft	"	"		"		RYLITE PYRITE, QUARTZ STAINING		.1	nd				
80560	4543ft	"	"		"		ANOSITE PYRITE CARBONATE STAINING		.1	nd				
80561	4510ft	"	"		"		QUARTZ CARBONATE STAIN		.5	nd				
80562	4395ft	"	"		"		DIORITE BOWDER QUARTZ CARBONATE STAIN		.4	nd.				

Geochemical Data Sheet - ROCK SAMPLING

Sampler D. Witvik - J. Lee
 Date Aug 5/90

Project KIR 9
 Property MARITTA

NTS 104 B IS
 Location Ref ISKUT
 Air Photo No L1A20

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width		Rock Type	DESCRIPTION			Au	Ag	Hg	ASSAYS
			True	Width		Alteration	Mineralization	KALCO				
80563	1750m	Rock			VOLCANIC							
80564	1720m	"			"	PHOSPHATE						
80565	1720m	"			"	WHITE						
80566	1690m	"			"	WHITE						
80567	1680m	"			"	WHITE						
80568	1670m	"			"	WHITE						
80569	1640m	"			"							
80570	1550m	"			"							
80571	1540m	"			"							

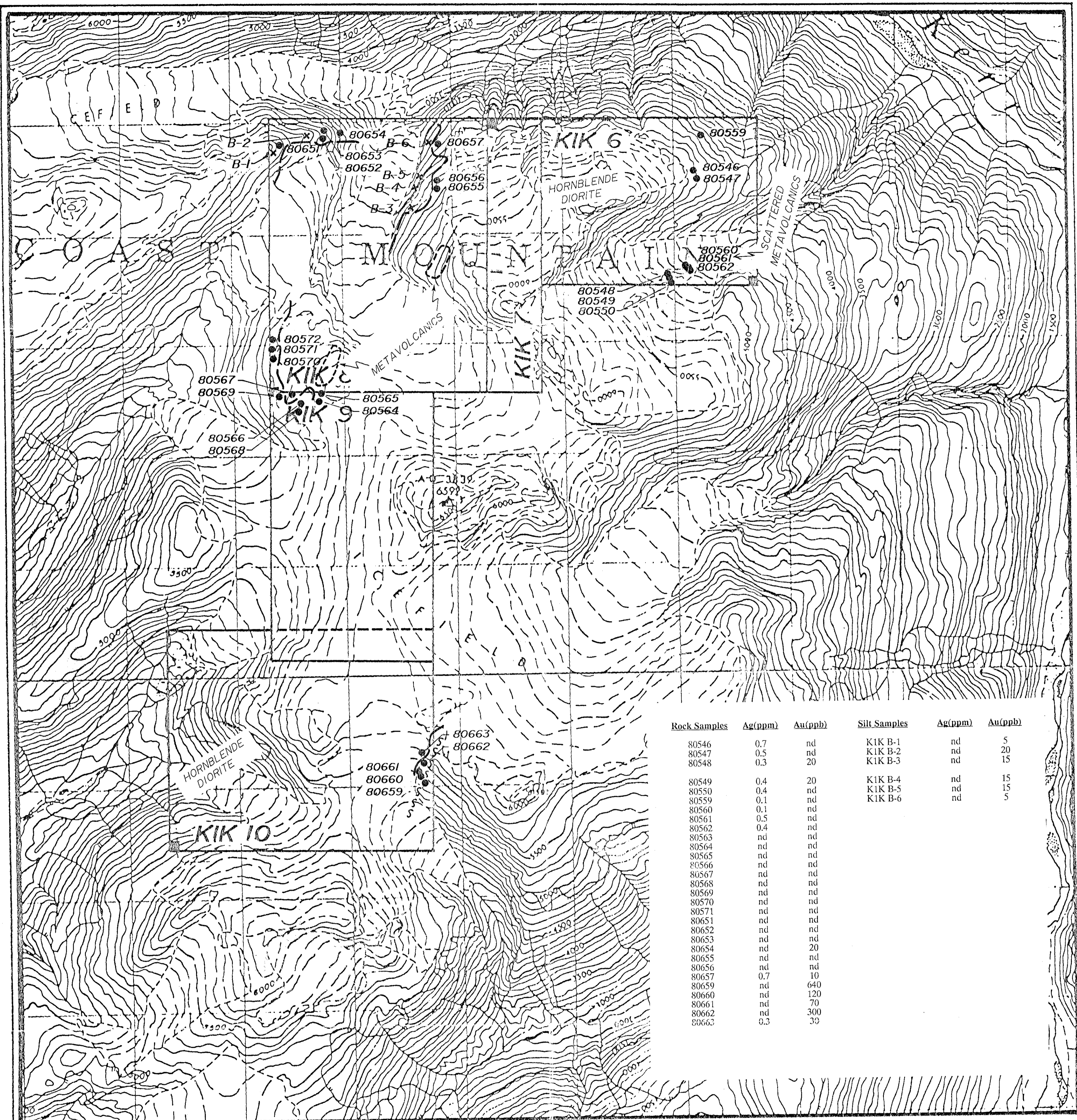
Geochemical Data Sheet - ROCK SAMPLING

Sampler _____
 Date Aug 12

Project _____
 Property KIK 10

NTS _____
 Location Ref _____
 Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width		DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
					Rock Type	Alteration	Mineralization		Ag ppm	Au ppb			
80659	1620m.	Rock	10m		Hb Diorite	Thin veins qtz-carb.	pyrite	large shear N20° E	nd	640			
80660	1620m	"	7cm.		"	Vein	pyrite	≈ 100m wide shear structure	nd	120			
80661	1620m	"	1.5m.		"	Massive Specularite	pyrite	5 end under the ice	nd	70			
80662	1620m	"	30cm.		"	specularite barite.	pyrite		nd	300			
80663	1620m.	"	3m.		"	dyke with qtz.	pyrite.		0.3	30			



Rock Samples	Ag(ppm)	Au(ppb)	Silt Samples	Ag(ppm)	Au(ppb)
80546	0.7	nd	K1K B-1	nd	5
80547	0.5	nd	K1K B-2	nd	20
80548	0.3	20	K1K B-3	nd	15
80549	0.4	20	K1K B-4	nd	15
80550	0.4	nd	K1K B-5	nd	15
80559	0.1	nd	K1K B-6	nd	5
80560	0.1	nd			
80561	0.5	nd			
80562	0.4	nd			
80563	nd	nd			
80564	nd	nd			
80565	nd	nd			
80566	nd	nd			
80567	nd	nd			
80568	nd	nd			
80569	nd	nd			
80570	nd	nd			
80571	nd	nd			
80651	nd	nd			
80652	nd	nd			
80653	nd	nd			
80654	nd	20			
80655	nd	nd			
80656	nd	nd			
80657	0.7	10			
80659	nd	640			
80660	nd	120			
80661	nd	70			
80662	nd	300			
80663	0.3	30			

GEOLOGICAL BRANCH
ASSESSMENT REPORT

LEGEND

20,644

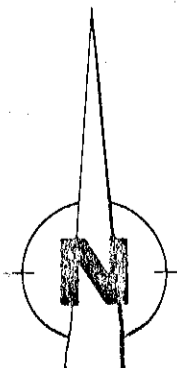
● ROCK SAMPLES

— TRAVERSE

× SILT SAMPLES

□ CONTACT

--- FAULT



0 500 1000 1500m

MARIETTA RESOURCE CORPORATION

KIK 6-10 MINERAL CLAIMS
LIARD MINING DIVISION, B.C.

SAMPLE LOCATION MAP

S. TENNANT

DATE NOV 1990

NTS 104B/15

SCALE 1: 20000

FIGURE

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