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REPORT ON THE

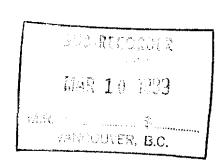
REST 1, 2 AND KER 9

1988 PROSPECTING PROGRAM

ISKUT RIVER AREA Liard Mining Division British Columbia

at

56° 55' North Latitude 130° 48' West Longitude



GEOLOGICAL BRANCH ASSESSES ENTREPORT

Fo

KESTREL RESOURCES LTD.

RECEIVED
JUL 25 1989

Gold Commissioner's Office VANCOUVER, B.C.

Ву

RAYMOND D. COURNOYER, PROSPECTOR

February 22, 1989

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### SUMMARY

A preliminary program of prospecting and sampling was completed on the Rest 1, 2 and Ker 9 mineral claims during the summer of 1988 to evaluate the property for Kestrel Resources Ltd.

A base camp was established at the headwaters of Forrest Kerr Creek from which a helicopter was utilized to access the claims. A total of 47 rock chip samples and 3 silt samples were collected.

The claims cover basalt and andesite flows to the west, recrystalized limestones. exposed in shales to the center, and argillites to the east and south. Assays returned values of up to 32 ppm silver.

Results of the 1988 program are discussed in the text of this report and data is plotted on the accompanying maps.

### INTRODUCTION

The Rest 1, 2 and Ker 9 mineral claims, a total of 52 units, were staked March 10, 1987 and June 28, 1988 respectively. The claims are situated 7 km north-northeast of Newmont Lake in the Iskut River area (NTS 104B 15W).

The claims cover favourable geology north of Gulf International Minerals' McLymont Creek 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.

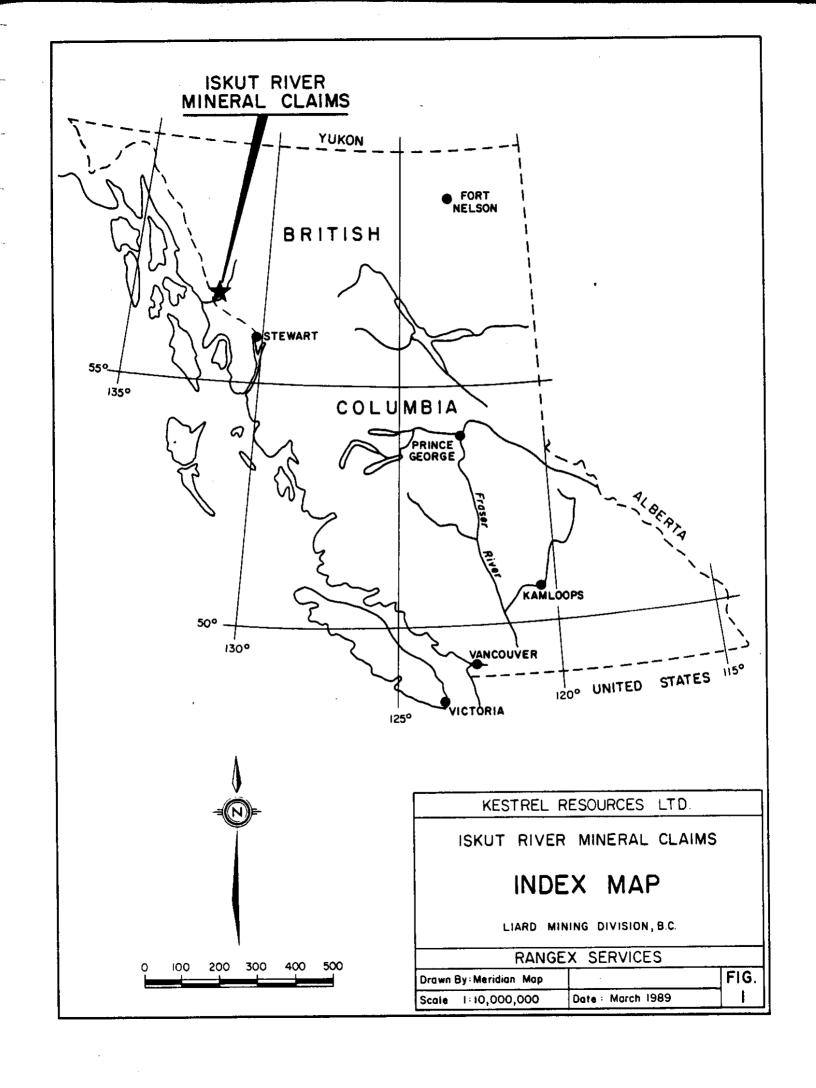
### LOCATION, ACCESS AND GEOGRAPHY

The claim group is situated approximately 120 km north of Stewart, B.C. centered at 56° 55' north latitude and 130° 49' west longitude in the Liard Mining Division of British Columbia.

Access to the claims is via helicopter or foot traverse from a base camp established on the claims 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 Rest 1, 2 and Ker 9 mineral claims lie between the elevations of 600 and 1,100 metres covering an area of glacial moraine through the center of the block and a moderately sloped hillside on the eastern portion of the claims. The ground is moderately treed other than on the moraine where lichen, moss and heather form a vegetative mat over glacial till.



The area receives heavy precipitation, snow in excess of 4 metres being common during the winter. The field season extends from June to mid-October.

### **CLAIM INFORMATION**

The Rest 1, 2 and Ker 9 mineral claims consisting of 52 units are owned by Kestrel Resources Ltd.

Claim data is as follows:

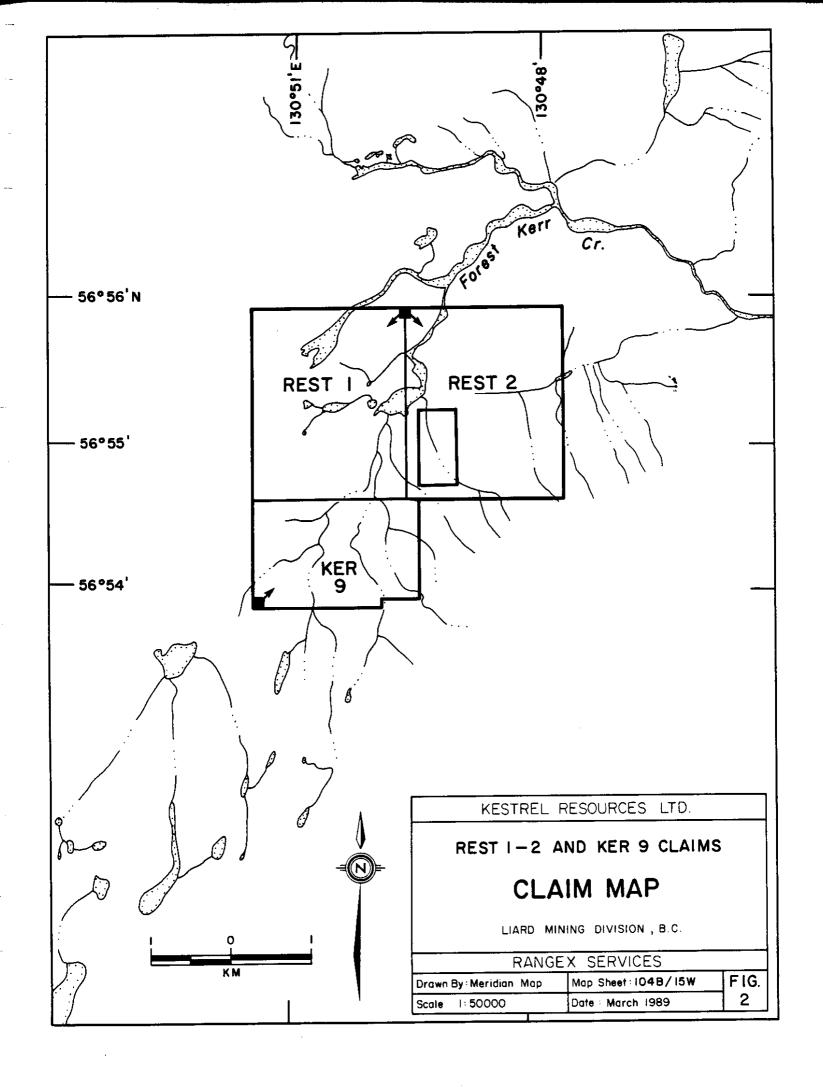
Claim Name	<u>Units</u>	Record #	Record Date
Rest 1	20	3981	March 10, 1987
Rest 2	20	3982	March 10, 1987
Ker 9	12	47 52	June 28, 1988

### 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.



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.

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 six people prospected and sampled the Rest 1, 2 and Ker 9 mineral claims throughout the summer of 1988. Work was undertaken from Forrest Kerr Camp.

A total of 47 rock samples and 3 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, geochemical analysis, and atomic absorption techniques.

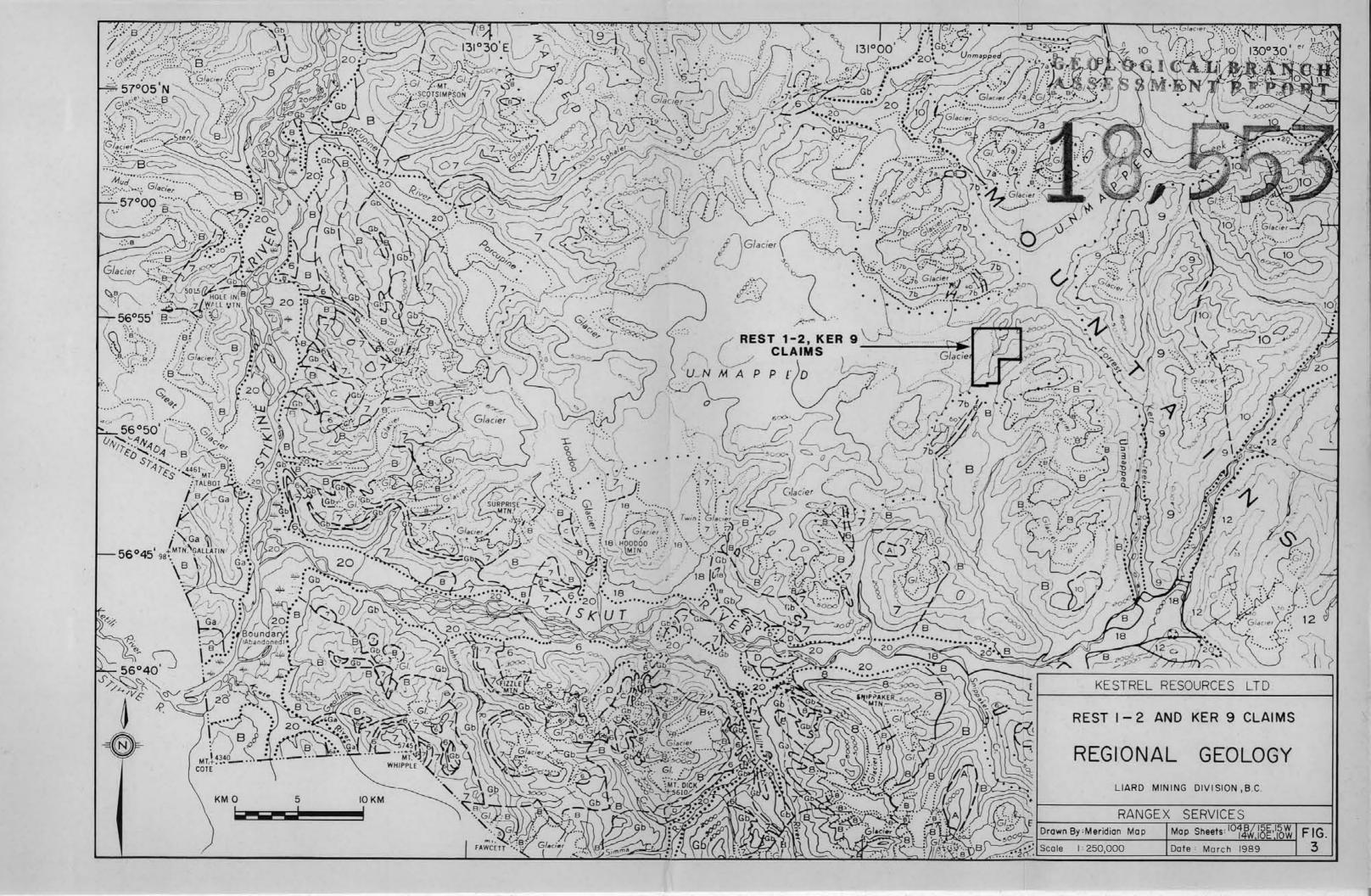
### SEDIMENTARY AND VOLCANIC ROCKS

- {	QUATERNARY RECENT						
	Unconsolidated glacial and fluvial clay, silt, sand, grail; peat, muskeg	ravel;					
S	19 Tuía, hot spring deposits						
CENOZOI	18 Olivine basalt, ash, cinders						
	TERTIARY PLEISTOCENE AND (?) EARLIER  Basalt, rhyolite, ash, tuff, agglomerate; locally may include 16; 17a, rhyolite, pisolitic siliceous tuff, chalcedonic rhyolite breccia						
	ECCENE  Basalt, rhyolite and associated volcanic rocks; minor conglomerate, sandatone, shale	•					
	CRETACEOUS AND TERTIARY UPPER CRETACEOUS AND PALEOCENE  [15] Conglomerate, sandstone, shale, minor coal						
]	15 Conglomerate, sandstone, shale, minor coal						
	CRETACEOUS  POST LOWER CRETACEOUS  14 Volcanic rocks, breccia	CRETACEOUS AND /OR EARLIER PRE UPPER CRETACEOUS					
Z 01C	JURASSIC AND CRETACEOUS  UPPER JURASSIC AND LOWER CRETACEOUS  Argillite, greywacke, conglomerate, coal; 12a, andesite, chert; tuff, conglomerate, shale, greywacke	Mainly volcanic rocks; minor conglomerate, grey-wacke; chert, argillite					
MESO	JURASSIC  LOWER AND MIDDLE JURASSIC  Conglomerate, greywacke, grit, siltstone, shale; lla, may include younger rocks	JURASSIC AND /OR EARLIER PRE UPPER JURASSIC  9 10 9. Mainly volcanic rocks;					
	TRIASSIC  B Tuff, siltstone, limestone, conglomerate, breccia	minor conglomerate; grey- wacke, argillite 10. Mainly sedimentary rocks					
	PERMIAN AND/OR TRIASSIC  7. Volcanic and sedimentary rocks undivided; 7a, mainly andesitic and baseltic volcanic rocks; flows, breccia, tuff breccia, tuff; 7b, mainly greywacke, siltatone, conglomerate; 7c, mainly limestone						

1
PERMIAN AND (?) EARLIER  Limestone, greenstone, chert, argillite, phyllitic quartiste, greywacke; meta-andesste and meta-diorite locally abundant near ultramatic bodies.  May include younger greenstone; éa, Carboniferous or Permian, mainly andesitic flows, breccia, tuff; minor sedimentary rocks
DEVONIAN AND MISSISSIPPIAN  UPPER DEVONIAN AND MISSISSIPPIAN  Chert, argillaceous quartaite, argillite, grey-
DEVONIAN
MIDDLE DEVONIAN
4 Limestone, dolomite, quartzite
ORDOVICÍAN AND SILURIAN UPPER ORDOVICÍAN AND LOWER SILURIAN
3 Limestone, cherty limestone, quartatte, red and green chert, shale
CAMBRIAN AND ORDOVICIAN MIDDLE AND (7) UPPER CAMBRIAN, LOWER AND MIDDLE ORDOVICIAN
2 Shale, phyllite, slate, calcareous sinte, limestone
CAMBRIAN LOWER CAMBRIAN
1 Limestone, dolomite, quartzite, slate, phyllite
INTRUSIVE ROCKS
A Felsite, selsite porphyry
B Mainly quartz monzonite, granodiorite, granite
C Mainly diorite; minor gabbro
D Granite porphyry, granophyre, syemic and related rocks
E Serpentinute, peridotite; locally includes meta-andesite and meta-diorite

### METAMORPHIC ROCKS

TRIASSIC OR EARLIER
Phyllite, sericite schist, hornfels, granulite, fine-grained biotite- hornblends gasies; Fa, may include or be equivalent to 9
PERMIAN AND/OR EARLIER PRE MIDDLE PERMIAN
Ga. Gaetes; Gb. phyllite, quartrite, minor crystalline limestone, highly altered and sheared graywacke and volcante rock
MAINLY CARBONIFEROUS AND PERMIAN  Biotite-quarta-feldspar gness, biotite-muscovite schist, crystalline limestone, greenstone, quartette, phyllite
MISSISSIPPIAN AND EARLIER  Gnesse, schiet, crystalline limestune, crystalline dolomite, quartaite



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

### PROSPECTOR'S REPORT

The Rest 1, 2 and Ker 9 group is made up of andesite and basalt flows to the west with recrystallized limestone exposed in shale, and argillites to the east and south. A north trending fault splits the claim block. Mineralization in the andesite unit occurs in fractures and shear zones that carry pyrite and chalcopyrite in quartz calcite and chloritic alterations. In the sedimentary unit, up to 15% pyrite and chalcopyrite are contained within zones of calcite veins and calcite breccias occurring in the fractures and shears. The limestone unit carries pyrite, chalcopyrite, malachite, magnetite and chlorite occurring in the fractures and shears.

### Anomalous values were as follows:

Claim	Sample #	Ag(ppm)	Au(ppb)	Description
Ker 9	32157	13.3	-	2 foot by 3 foot calcite pod containing galena with galena in limestone wall rock with malachite
	32158	8.3	-	5 foot by 30 foot limestone dyke carrying galena and sphalerite with some malachite
	32159	32.0	-	Talus float with azurite and malachite
	32609	12.6	-	3 foot by 60 foot hydrothermal alteration vein carrying pyrite, chalcocite, malachite, a zurite and pyrolusite
Rest 1	32451	6.2	-	Chlorite alteration carrying chalcopyrite and quartzite

### RECOMMENDATIONS

A program of further prospecting and sampling with a follow-up soil geochemical survey in anomalous zones condusive to such a survey is proposed for the next phase of property exploration. A budget will be submitted when required.

APPENDIX I

PROGRAM COST

## PROGRAM COSTS Rest 1, 2 and Ker 9

## Wages (July 4 - October 9, 1988)

# u6c3 (301) 4 00				
Ray Cournoyer	2.5 days @ \$225.00/day	\$	562.50	
Ron Riedel	5 days @ \$200.00/day	1	1,000.00	
Dave Hagemoen	1.5 days @ \$175.00/day		262.50	
Ian Hagemoen	1.5 days @ \$250.00/day		375.00	
John Buccholtz	1 day @ \$225.00/day		225.00	
Kelly Kaye	1 day @ \$200.00/day	<del>- 10</del>	200.00	
Total Wages				\$ 2,625.00
Expenses				
Room and board			1,193.77	
Expendables			142.03	
Rentals			50.25	
Travel and accomm	modation		73.14	
Freight			314.16	
Expediting			55.75	
Fixed wing			395.22	
Helicopter			639.45	
Assaying			625.00	
Report costs			750.00	
Total Expenses				4,238.77
TOTAL				\$ 6,863.77

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:
- 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 21989.

22 day of Feb,

RAYMOND D.E. COURNOYER

APPENDIX IV

**ASSAY CERTIFICATES** 

# 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.

1 of 1

REPORT \$1 881865 DA		RA	MCEX	Project	a REST	1					Page
Sample Number	Johno	Ho	Cu	Pb	Za	Ag	МL	u	Ag	Au	
		pps	pps	pps	ppe	ppa	ppb	ppe	oz/st	oz/st	
32403	8812 <b>84</b>				**	<b>(0.1</b>	₹5				
32404	891284					0.7	₹5				
32405	881284		**			0.3	₹5				
32406	881284					0.3	₹5				
32407	881294					<0.1	10				
32408	881294					0.8	<b>∢</b> 5				
32451	881284					6.2	₹5				
32452	881284					0.3	10				
32453	891284					1.0	20				
32454	881284		-			1.8	10				
32455	881284					0.9	⟨5				
32456	881284					0.4	⟨5				
32457 -	881284					2. l	⟨5				
32458	891284					1.3	₹5				
32459	881294			~~		2.6	<b>₹5</b>				
32610	881364				**	0.5	25			**	
Minimum Detection	650001	1	1	2	1	0.1	5	3	0.01	0.005	
Maxieum Detection	999999	1000	20000	20000	20000	50.0	10000	1000	100.00	10.000	
< = Less than Minimum	is = Insufi	ficient	Sagole	05 *	No sama	e >=	Greater	than	Marieue		



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1988 TRIUMPH ST.
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BRANCH OFFICES
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BATHURST, N.B.
MISSISSAUGA, ONT.
RENO, NEVADA, U.S.A.

REPORT 4: 801865 DA		R/	MGEX	Projec	t: REST	2					Page	1 of	i
Sample Mumber	Johno	Но	Cu	Pb	Zn	Åg	Au	¥	Ag	Au			
		ppm	ppa	ppe	ppo	ppe	ppb	ppa	oz/st	oz/st			
32098	880845					2.5	10						
32114	880972					1.0	⟨5						
32129	880916					2.0	30						
32142	880916					0.6	<b>(5</b>						
32143	880916					0.3	<b>₹5</b>						
32144	880916					0.4	⟨5						
32145	880916					1.4	₹5						
32146	880916					0.5	⟨5						
32147	880916	-				1.1	₹5						
32148	880916					2.2	⟨5						
Minimum Guinalian	/54441						_						
Minimum Detection	650001	I	i	2	1	0.1	5	3		0.005			
Maximum Detection -	999999	1000	20000	20000	20000	50.0	10000		100.00				
< = Less than Minimum	is = lasuff	icient	Sample	UZ =	No sampl	<b>e</b> ) =	Breater	than	Nax i ous	)			

## VANGEOCHEM LAB LIMITED

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

REPORT #: 881865 DA		RA	MEEX	Projeci	KER 9						Page	1 of	i
Sample Number	Johno	Mo	Cu	Pb	Zn	Ag	At	u	Ag	Au			
		ppa	ppe	ppa	ppe	ppa	bbp	ppe	oz/st	oz/st			
32150	880916					2.1	10						
32155	880916					3.7	₹5						
32156	880916					3.0	<b>₹5</b>						
32157	<b>BB</b> 0916					13.3	<5						
32158	880916					8.3	₹5						
32159	880916					32.0	₹5						
32160	880916				**	2.2	10						
32187	880 <b>988</b>					0.5	10						
32188	880988			**		0.9	<b>₹</b> 5						
32189	880988					0.4	₹5						
32190	880988					0.4	10						
32222	880988	**				0.1	85						
32223	880988		••			0.3	<b>₹5</b>						
32224	880988					0.4	₹5						
32225	880988	**			***	0.9	₹5						
32604	881364					0.8	10						
32605	881364					2.1	₹5					•	
3260 <del>6</del>	B81364					4.5	₹5						
32607	981364					0.2	₹5						
32608	881364					1.0	₹5						
32609	881364					12.6	₹5						
Minimum Detection	650001	1	1	2	1	0.1	5	3		0.005			
Maximum Detection	999999	1000	20000	20000	20000	50.0	10000		100.00				
<pre>&lt; = Less than Minisum</pre>	is = Insuf	ficient	Sample	NS =	No samp	ie >=	Greater	than	<b>Maxious</b>	ì			



## **VANGEOCHEM LAB LIMITED**

MAIN OFFICE AND LABORATORY 1988 Triumph Street Vancouver, B.C. VSL 1K5 (404)251-5454 FAX:254-5717 BRANCH OFFICE 1630 PANDORA ST. VANCOUVER, B.C. V5L 1L6 (604) 251-5656

 REPORT NUMBER: 881051 GA	J08 N	UMBER: 881051	RANGET SERVICES LTD.	KER 9	PAGE 1 OF 1
SAMPLE 8	Ag	Au			
	ppe	ppb			
AI- RRS-16	.5	nd		•	
RCS-20	.2	15			
000 01		_			•
RCS-21	.2	5			•

## APPENDIX V

SAMPLE DESCRIPTIONS

## SAMPLE DESCRIPTIONS - REST 1

Sample No.	Sample Type	Sample <u>Width</u>	Description
32403 32404 32405 32406 32407 32408 32451 32452 32453 32454 32455	Rock Chip	50 cm 1 m 1 m 1 m 10 m 5 m 1 m 1 m 50 cm	Py in feldspar porphyry Cpy in breccia zone chlrt/epi/calcite Py in siliceous sediment Py in fracture fillings with qtz/calcite Py in fracture fillings in 50 m zone Same Cpy in chlrt/quartzite Cpy, mal in Fe stained chlrt quartzite Py fracture filling in andesite Py fracture filling in alt andesite Cpy in qtz stringer
32456	11 (f	1 m	Py in qtz in andesite Py in lms
32457 32458	n	50 cm 1 m	Mass py
32459 32610	H	5 m 2 m	Py, cpy limonite alt quartz Py in liny seds

### **SAMPLE DESCRIPTIONS - REST 2**

Sample No.	Sample Type	Sample Width	Description
<del></del>			
32098	Rock Chip	6 m	Py, cpy in gossan
32114	11	50 cm	Py veinlet in grey chert
32129	rı	4 m	Py veins with cal/carb in lms
32142	Ħ	5 m	Py in zone of fractures in lms
32143	11	50 cm	Cpy, py in alt lms
32144	Ħ	1 m	Py, cpy in lms/dolomite contact
32145	11	1 m	Py, cpy in lms/dolomite contact
32146	n	50 cm	Py in jasper
32147	11	1 m	Py vein in lms
32148	"Float		30 py in float rock

### SAMPLE DESCRIPTIONS - KERA

Sample No.	Sample Type	Sample Width	Description
32150	Rock Chip	50 cm	Py, gal in lms
32155	78	1 m	Mal, hem in argillite
32156	Ħ	1 m	Py vein in lms
32157	11	1 m	Gal in calcite in lms
32158	H	2 m	Mal, gal, sphal in lms dyke
32159	Float		Mla, qtz in lms
32160	Rock Chip	3 m	Mass py zone
32187	11	50 cm	Py in barite vein in feldspar porphyry
32188	H	1 m	Py in calcite breccias
32189	11	1 m	Py in calcite veins
32190	91	1 m	Py in shear zone in shale with calcite
32222	19	50 cm	Py in diorite in siliceous calcite breccia
32223			
32224	11	1 m	Mass py lense in brecciated qtz/cal
32225	11	50 cm	Py in baked sed
32604	11	50 cm	Qtz/chlrt vein in shear
32605	H	50 cm	Py in chirt, siliceous, andesite
32606	91	2 m	Cpy, mal, py in andesite
32607	11	1 m	Fault gouge
32608	10	2 m	Py in fault breccia
32609	11	l m	Py, cpy, mal, qtz in hydrothermal vein in basalt

