GEOLOGICAL REPORT
ON THE
KERR 1-6 MINERAL CLAIMS

Located in the Iskut River Area
Liard Mining Division
NTS 104B/15E
56°50' North Latitude
130°50' West Longitude

- Prepared by -

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February 1990

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1.0 INTRODUCTION

This report summarizes a brief follow-up exploration program carried out on the Kerr 1-6 mineral claims (112 units) during October, 1989. Property staking was initiated in October 1987 (Kerr 1-4, 80 units) and continued in September, 1988 (32 units).

The property is situated 110 kilometres north of Stewart, B.C. and three kilometres northeast of Newmont lake.

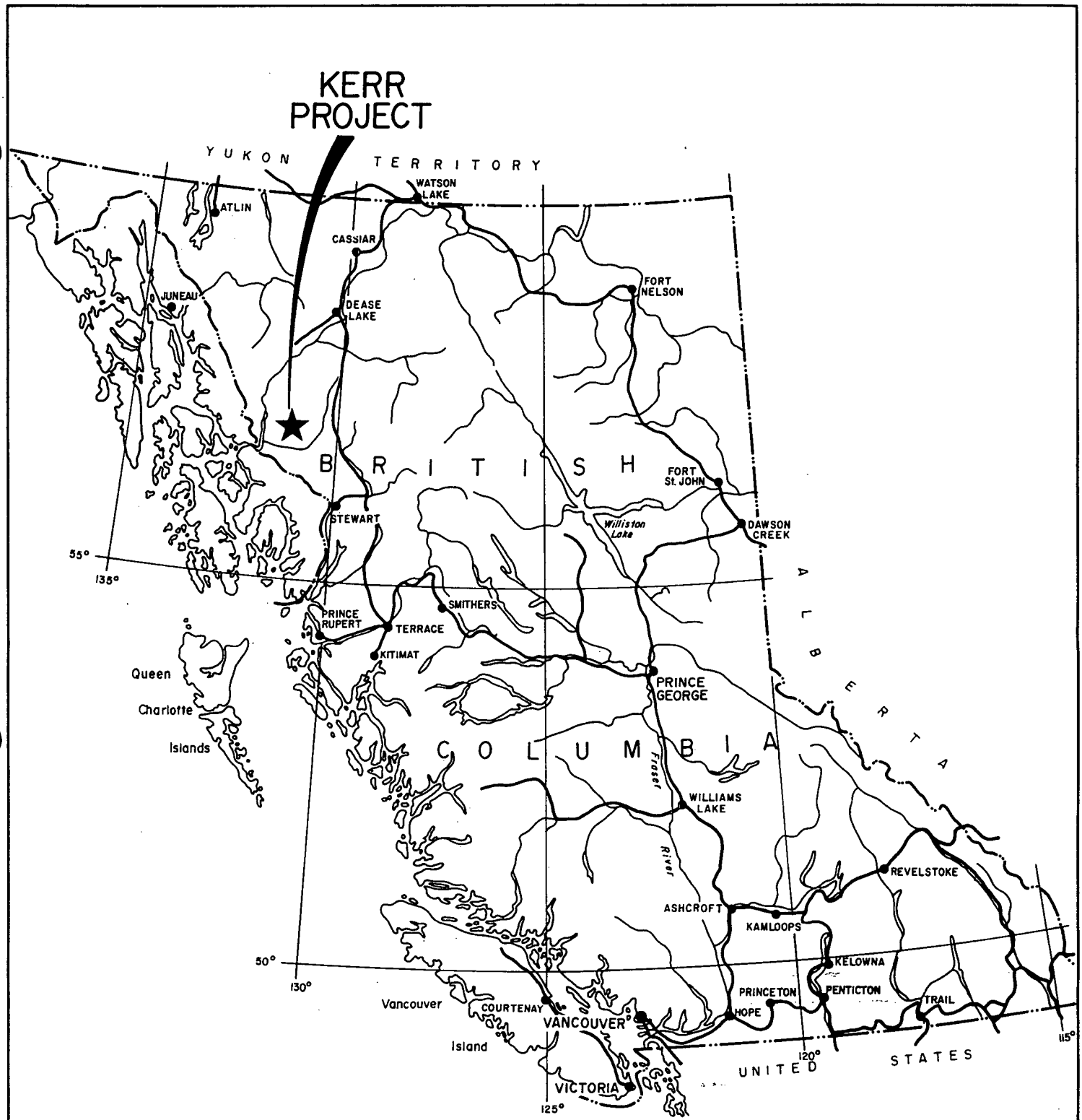
Present access to the property is by helicopter from either Bob Quinn Lake on the Stewart-Cassiar Highway, a distance of 30 kilometres to the east or from the Bronson Creek airstrip and base camp located 30 kilometres to the west-southwest.

Field work carried out in 1989 was focussed on following up an anomalous gold bearing quartz vein on the Kerr 1 claim from which initial grab samples assayed up to 0.726 oz/ton Au. A strike length of 25 metres was identified during brief follow-up of this showing. Assays up to 1.060 oz/ton Au from grab samples have been obtained.

Other than a brief prospecting program carried out in 1988, no previous work is known to have occurred on the property. To date, four different styles of mineralization have been identified on the property:

- magnetite/pyrite/chalcopyrite skarn mineralization
- pyrite quartz stockwork breccia mineralization
- silver/gold bearing tetrahedrite/chalcopyrite/malachite/azurite quartz veining
- auriferous pyrite quartz veining

Principal deposits in the district include Calpine Resources/Consolidated



Km 0 100 200 300 400 Km

Miles 0 50 100 200 300 Miles

KERR PROJECT

PROPERTY LOCATION MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIGURE.
J.W.	104B/15	JAN. 1990	1.

Stikine's Eskay Creek project located 15 kilometres to the southeast and Skyline Gold Corp.'s Johnny Mountain gold mine and Cominco/Prime Resources' Snip deposit situated 30 kilometres to the west-southwest. A $1,500,000 work program has been recommended on Avondale Resources' Forrest project located less than one kilometre to the east of the Kerr claims.

2.0 LIST OF CLAIMS

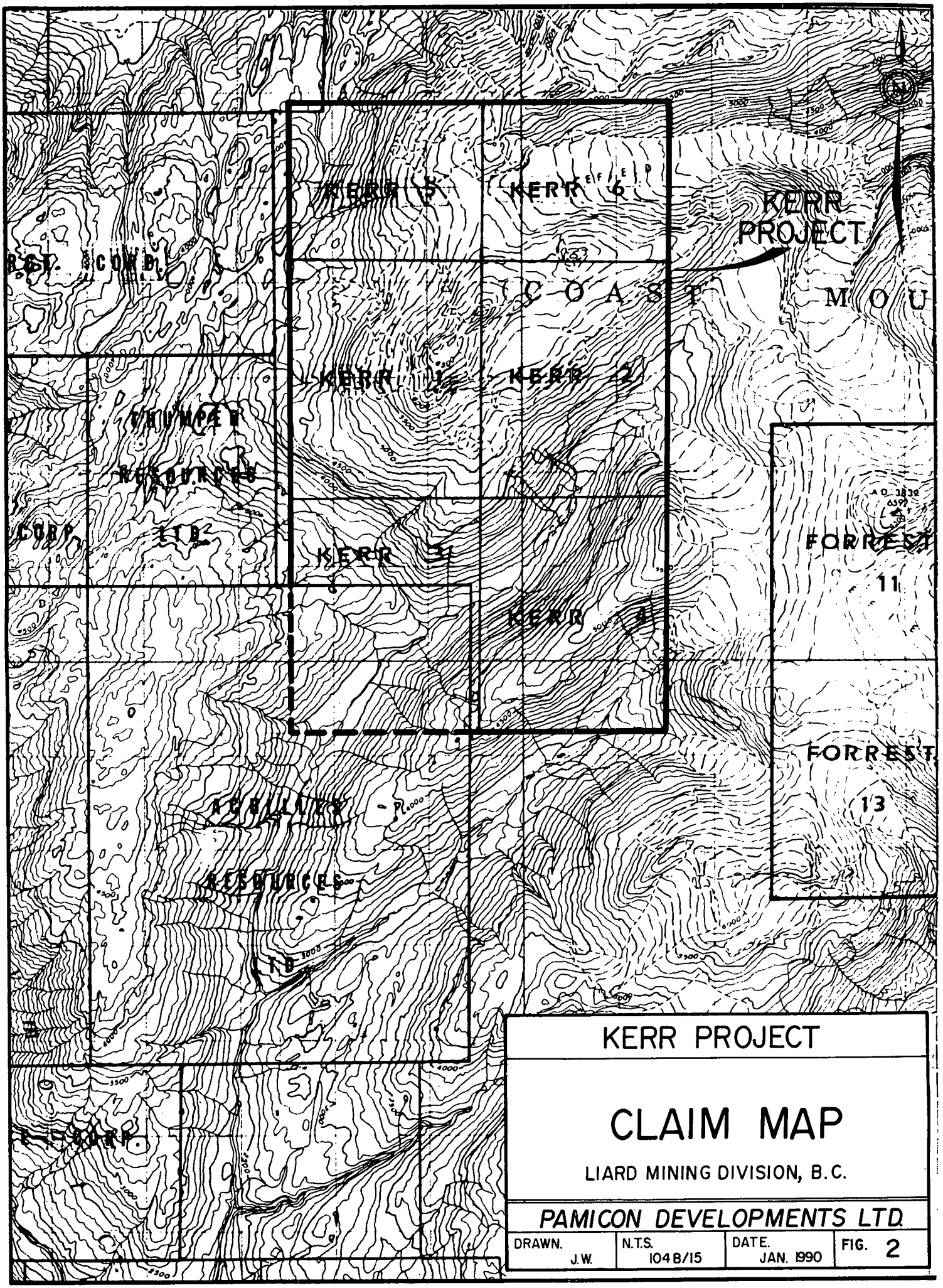
Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the following claims are owned by Mr. Steve Todoruk. Mr. Todoruk is presently holding the claims subject to a partnership agreement in which the authors, Mr. Todoruk and Mr. Ikona, are participants.

Claim Name	Record Number	No. of Units	Record Date	Expiry Date
Kerr 1	4365	20	November 24, 1987	November 24, 1990
Kerr 2	4366	20	November 24, 1987	November 24, 1990
Kerr 3	4367	20	November 24, 1987	November 24, 1990
Kerr 4	4368	20	November 24, 1987	November 24, 1990
Kerr 5	5247	16	September 4, 1988	September 4, 1991
Kerr 6	5248	16	September 4, 1988	September 4, 1991

Assessment work credits have been filed on Kerr 1-4 which would see all claims in good standing until 1991.

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Kerr 1-6 mineral claims are located approximately 110 kilometres east of Wrangell, Alaska, and 100 kilometres north of Stewart, British Columbia, on the eastern edge of the Coast Range Mountains (Figure 1). Bob Quinn Lake on the Stewart-Cassiar Highway is situated 40 kilometres to the east-northeast while Bronson airstrip (servicing Cominco/Delaware's Snip deposit and Skyline



KERR PROJECT

CLAIM MAP

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

DRAWN.	N.T.S.	DATE.	FIG.
J.W.	104 B/15	JAN. 1990	2

Gold Corp.'s Johnny Mountain gold mine) is 27 kilometres to the southwest. Newmont Lake is located 3 km to the southwest. Coordinates of the claims area are 56°50' north latitude and 130°50' west longitude, within the jurisdiction of the Liard Mining Division.

Access to the property is via helicopter from the Bronson Creek gravel airstrip, Bob Quinn Lake or the Forrest Kerr airstrip located 7 kilometres to the north at the headwaters of Forrest Kerr Creek. Daily scheduled flights to the strip from Smithers, Terrace and Wrangell, Alaska have been available during the field season using a variety of fixed wing aircraft.

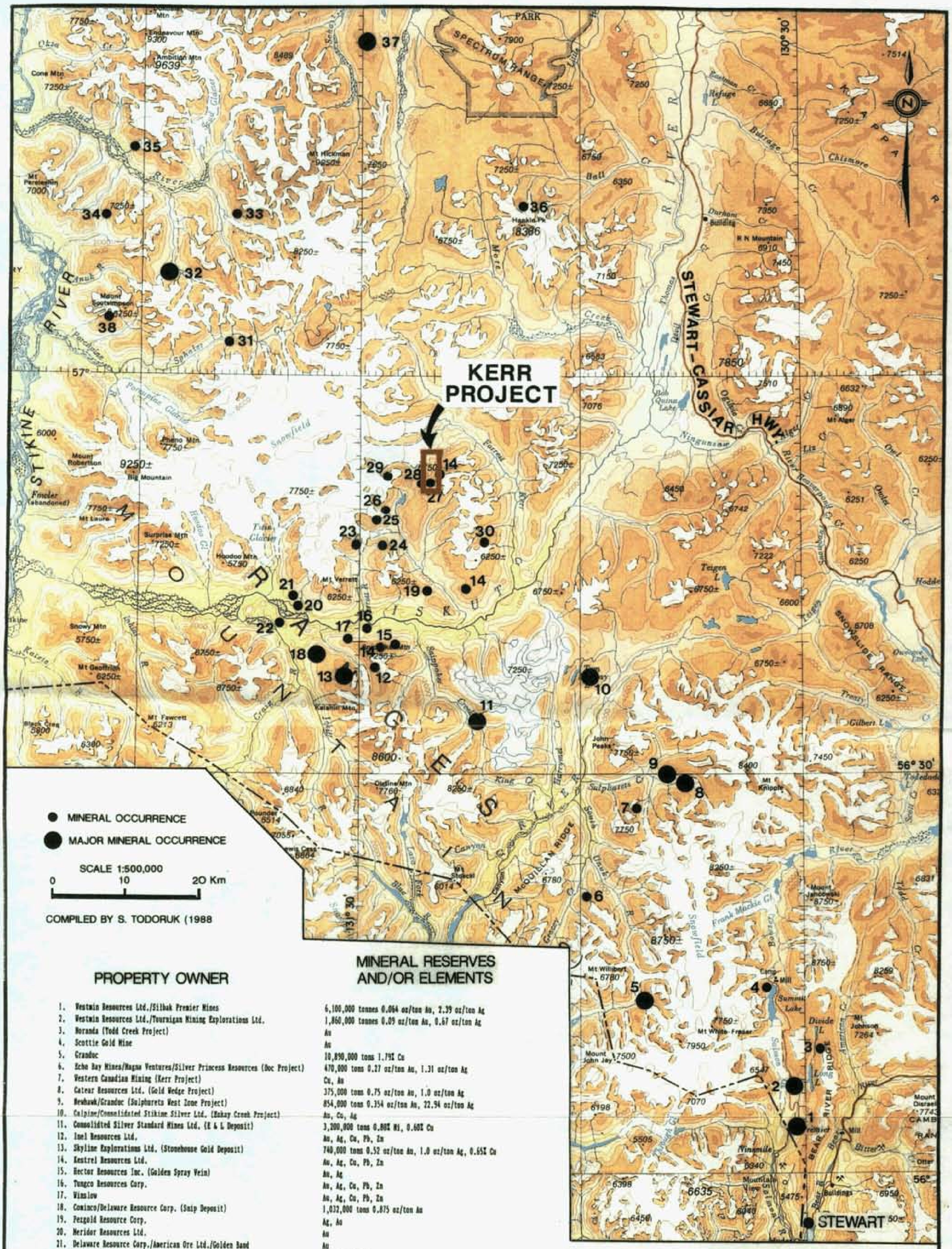
The Province of British Columbia has recently completed a study on possible road access to the Iskut, Eskay Creek and Sulphurets areas. Construction of a road from the Stewart-Cassiar Highway from Bob Quinn Lake down the Iskut to Bronson Creek is anticipated in the near future.

Physiographically, the claims area is moderately forested below treeline and easily accessible above this elevation. Elevations on the property vary between 1000 to 2000 metres with treeline at approximately 1000 metres.

4.0 AREA HISTORY

Figure 3 of this report presents a 1:500,000 scale map of northwestern B.C. from the town of Stewart in the south to near Telegraph Creek in the north, a distance of 225 kilometres. Within this area, a semi-arcuate band of Hazelton equivalent volcanic and sedimentary rocks with their metamorphic equivalents trend northwest and contain most of the known mineral occurrences. This group is bounded by the Coast Range intrusive complex to the west and by the much younger sediments of the Bowser Basin to the east.

This area of approximately 10,000 square kilometres has historically been referred to as the Stikine Arch. Mining activity within it goes back to the turn of the century. Due to the large size of the region it has been referred



	PROPERTY OWNER	MINERAL RESERVES AND/OR ELEMENTS
1.	Westmin Resources Ltd./Silbak Premier Mines	6,100,000 tonnes 0.064 oz/ton Au, 2.39 oz/ton Ag
2.	Westmin Resources Ltd./Tournigan Mining Explorations Ltd.	1,860,000 tonnes 0.09 oz/ton Au, 0.67 oz/ton Ag
3.	Noranda (Todd Creek Project)	Au
4.	Scottie Gold Mine	Au
5.	Granduc	10,890,000 tons 1.79% Cu
6.	Echo Bay Mines/Magna Ventures/Silver Princess Resources (Doc Project)	470,000 tons 0.27 oz/ton Au, 1.31 oz/ton Ag
7.	Western Canadian Mining (Kerr Project)	Cu, Au
8.	Catear Resources Ltd. (Gold Wedge Project)	375,000 tons 0.75 oz/ton Au, 1.0 oz/ton Ag
9.	Newhawk/Granduc (Sulphurets West Zone Project)	854,000 tons 0.354 oz/ton Au, 22.94 oz/ton Ag
10.	Calpine/Consolidated Stikine Silver Ltd. (Eskay Creek Project)	Au, Cu, Ag
11.	Consolidted Silver Standard Mines Ltd. (E & L Deposit)	3,200,000 tons 0.80% Ni, 0.60% Cu
12.	Inel Resources Ltd.	Au, Ag, Cu, Pb, Zn
13.	Skyline Explorations Ltd. (Stonehouse Gold Deposit)	740,000 tons 0.52 oz/ton Au, 1.0 oz/ton Ag, 0.65% Cu
14.	Kestrel Resources Ltd.	Au, Ag, Cu, Pb, Zn
15.	Hector Resources Inc. (Golden Spray Vein)	Au, Ag
16.	Tungco Resources Corp.	Au, Ag, Cu, Pb, Zn
17.	Winslow	Au, Ag, Cu, Pb, Zn
18.	Cominco/Delaware Resource Corp. (Snip Deposit)	1,032,000 tons 0.875 oz/ton Au
19.	Pezgold Resource Corp.	Ag, Au
20.	Meridor Resources Ltd.	Au
21.	Delaware Resource Corp./American Ore Ltd./Golden Band	Au
22.	Magenta Development Corp./Crest Resources Ltd.	Au, Ag, Cu, Pb
23.	Ticker Tape Resources Ltd. (King Vein)	Au
24.	Pezgold Resource Corp.	Au
25.	Consolidated Sea-Gold Corp.	Au
26.	Gulf International Minerals Ltd. (Northwest Zone)	Au, Ag, Cu
27.	Kerr Claim	Ag, Cu, Au
28.	Pezgold Resource Corp. (Cuba Zone)	Ag, Pb, Zn
29.	Pezgold Resource Corp. (Ken Zone)	Cu, Au
30.	Forrest Project	Au, Ag, Cu
31.	Pass Lake Resources Ltd. (Trek Project)	Cu, Au
32.	Galore Creek	125,000,000 tonnes 1.06% Cu, 0.397 g/t Au, 7.94 g/t Ag
33.	Continental Gold Corp.	Au, Ag, Cu
34.	Bellex Resources Ltd./Sarabat Resources Ltd. (Jack Wilson Project)	Au, Cu
35.	Pass Lake Resources Ltd. (JD Project)	Au, Cu
36.	Lac Minerals (Hankin Peak Project)	Au
37.	Schaft Creek	910,000,000 tonnes 0.30% Cu, 0.020% Mo, 0.113 g/t Au, 0.992 g/t Ag
38.	Paydirt	200,000 tons 0.120 oz/ton Au

KERR PROJECT

Regional Mineral Occurrence Map

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

NTS: 103, 104 | Date: JAN. 1990 | FIGURE: 3

to in more specific areas which range from the Stewart area to Sulphurets, Iskut and Galore Creek areas. Recent discoveries appear to be filling in areas between these known mineralized camps. It is probable that the entire area can be considered as one large mineralized province with attendant subareas.

The history of the area can be divided into two time periods: circa 1900 to the mid-1970s and the more recent activities of the late 1970s and 1980s.

1900 - 1975

The original discovery of mineralization in the area can be attributed to miners either on their way to or returning from the Klondike gold fields at the turn of the century. Rivers flowing through the Alaska Panhandle served as access corridors and mineralization was noted along the Iskut and Unuk Rivers and at the head of the Portland Canal. Highlights of this period were:

* discovery of copper, gold, silver mineralization at Bronson Creek in the Iskut
* location of similar mineralization along the Unuk and at Sulphurets Creek
* discovery of the Silbak-Premier gold-silver mine near Stewart plus a number of other rich silver occurrences along the Portland Canal
* the location by Tom MacKay of the original mineralization at Eskay Creek near the headwater of the Unuk River

Development and production at this time was largely limited to the area around Stewart where a number of mines produced high grade silver. The most significant producer was the Silbak Premier some 12 km north of Stewart which from 1920 until 1936 produced some 2,550,000 tons grading 16.8 g/ton gold and 409.5 g/ton silver.

After World War II the area was explored for base metals, notably copper. This era led to the discovery of the Granduc, Galore Creek and Schaft Creek

copper deposits and the E & L copper-nickel deposit. Published reserves of these are listed below and shown on Figure 3.

	Tons	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)	Ni (%)
Granduc	10,890,000	1.79				
Galore Creek	125,000,000	1.06	0.397	7.94		
Schaft Creek	910,000,000	0.30	0.113	0.992	0.02	
E & L	3,200,000	0.60				0.80

Of these Granduc was taken to production by Newmont Mining but a combination of low copper prices and high operating cost resulted in suspension of activity.

1975 - Present

The more recent activity in the area dates to the rise of precious metal prices in the 1970s. Significant early events at this time were:

* acquisition by Skyline Explorations of their property on Mt. Johnny near Bronson Creek in the Iskut in 1980
* continued work by Esso Minerals on Granduc Mining's properties on Sulphurets Creek in the Unuk River area
* re-organization of the Silbak-Premier property and participation by Westmin Resources Ltd.

Work on these properties led to the following reserves being published for the properties listed below as well as stimulating exploration activity in the area. This activity led to the definition drilling of the Snip deposit by Cominco/Prime, the reserves of which are also shown.

Company	Deposit	Area	Short Tons	Au (oz/t)	Ag (oz/t)	Ref.
Skyline	Reg	Iskut	740,000	0.52	1.00	Note 1
Cominco/Prime	Snip	Iskut	1,032,000	0.875		Note 2
Newhawk/Lacana	West Zone	Sulphurets	854,072	0.354	22.94	Note 2
	Sulphurets Lake Zone	Sulphurets	20,000,000	0.08		Note 3
Catear Resources	Gold Wedge	Sulphurets	295,000	0.835	2.44	Note 4
Westmin Silbak	Silbak	Stewart	5,770,000	2.06 g/t	86.3 g/t	

Note 1: Pers. Comm., D. Yeager, Skyline Gold Corporation, January, 1990

Note 2: News Release, Vancouver Stockwatch, November 7, 1989

Note 3: News Release, Vancouver Stockwatch, August 24, 1989

Note 4: Pers. Comm., Catear Resources

Of the above properties, Skyline and Westmin/Silbak have entered commercial production within the last year and the Cominco/Prime project is in a final feasibility stage.

These successes have generated extensive exploration activity in the area which has led to the discovery of a large number of mineral occurrences which are in a preliminary stageof evaluation. The most notable of these to date is on Tom MacKay's old Eskay Creek showings. The 1988/89 work on this project of Calpine/Stikine Resources indicates a major gold-silver-base metal mineral deposit with a minimum strike length of 1300 metres. Some notable recent results on the project are:

DDH #CA 89-93 91.8 feet 0.453 oz/ton Au and 16.9 oz/ton Ag

DDH #CA 89-101 55.8 feet 0.867 oz/ton Au and 19.92 oz/ton Ag

These intersections are considered to be close to the true width of the mineralization. A great many other excellent intersections have been

published by the companies and exploration is continuing. Reserves based on this drilling are not yet available however some authorities are projecting a multi-million ounce gold reserve with attendant silver and base metal values.

In September 1989 Bond International Gold Inc. announced initial drill results from their Red Mountain project. The location of this project is believed to be some 15 kilometres east of Stewart. A 66 metre intersection on the Marc Zone reportedly graded 9.88 gm/tonne gold and 49.20 gm/tonne silver. On the Willoughby Gossan Zone a 20.5 metre intersection is reported as 24.98 gm/tonne gold and 184.2 gm/tonne silver.

A great many other companies active in the areas have released assays from preliminary trenching and/or drilling. Many of these show excellent values in gold, silver and base metals and it is anticipated that additional properties with mineral reserves of possible economic significance will emerge.

The locations of a number of these occurrences are indicated in the accompanying figure. At this time these represent only a fraction of the reported results in this rapidly developing area.

5.0 REGIONAL GEOLOGY

The geology of the Iskut-Galore-Eskay-Sulphurets area has undergone considerable study in the past few years by industry, federal and provincial geologists. Much of this work stemmed from Grove's mapping of the Stewart Complex (Grove, 1969, 1970, 1973, 1982, 1987). Earliest geological mapping of the area was carried out by Kerr (1948) during the 1920s and 1930s although Operation Stikine undertaken by the Geological Survey of Canada in 1957 produced the first publications. R.G. Anderson of the Geological Survey of Canada is presently mapping the area covered within NTS 104B.

Grove defined a northwest trending assemblage of Upper Triassic and Jurassic volcanics and sedimentary rocks extending from Alice Arm in the south to the

Iskut River in the north as the Stewart Complex. Paleozoic limestone and volcanics underlie the complex while Mesozoic to Tertiary aged intrusives cut the units. Tertiary felsic plutons forming the Coast Plutonic Complex bound the area to the west while clastic sediments of the Spatsizi and Bowser Lake Groups overlap on the east.

Age dating of mineralization within the various mining districts suggests a close cospatial and coeval relationship with early Jurassic volcanics and intrusives within the Hazelton Group. This has directed exploration efforts toward these members.

A stratigraphic column of the area's lithologies is presented on the following page.

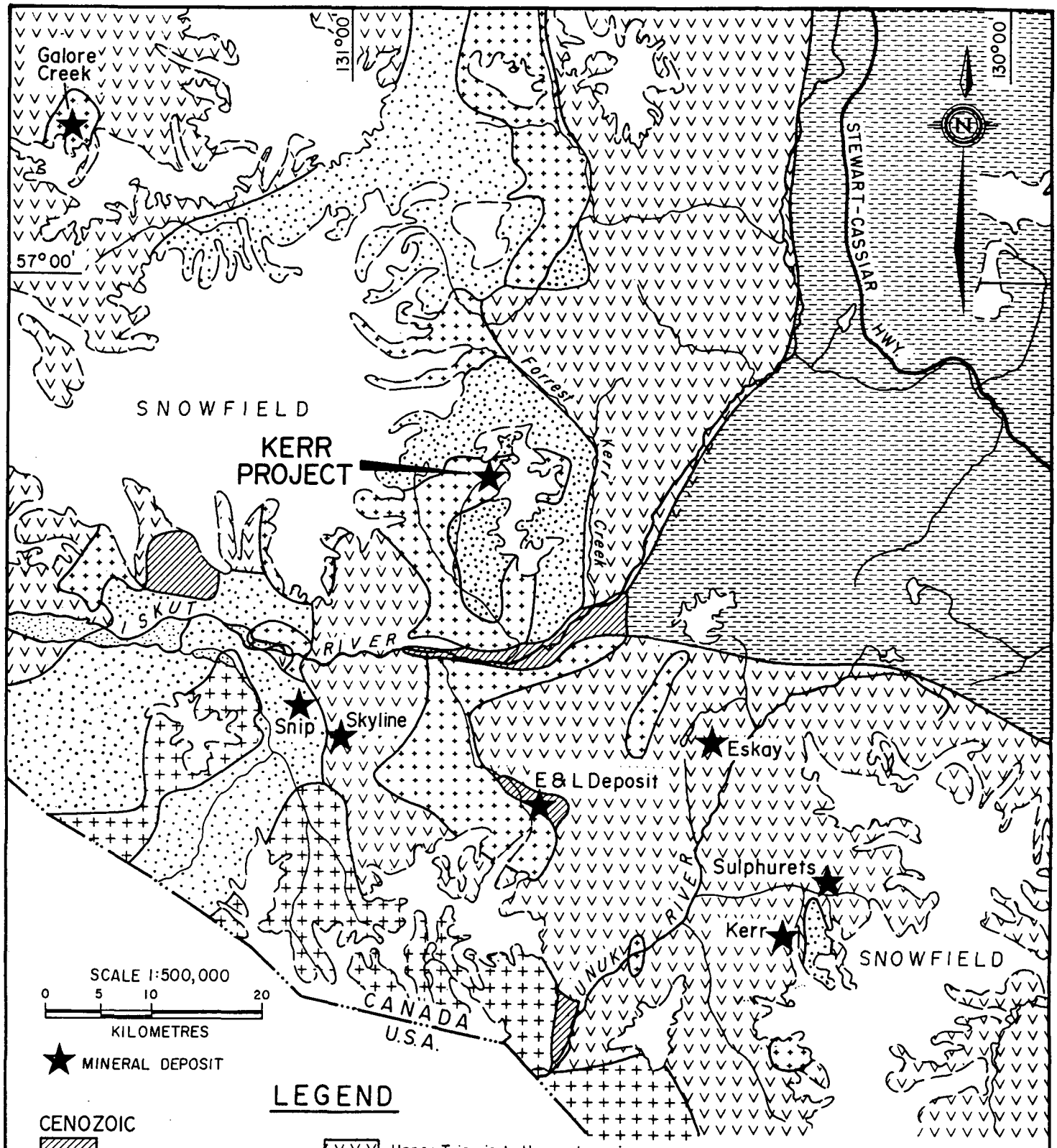
PALEOZOIC STIKINE

Paleozoic Stikine assemblage rocks commonly occur as uplifted blocks associated with major intrusive bodies as exposed along the southwest flanks of Johnny Mountain and Zappa Mountain.

At the base of the Stikine assemblage stratigraphic column, at least four distinctive limestone members have been differentiated interlayered with mafic volcaniclastics, felsic crystal tuffs, pebble conglomerate and siliceous shale.

Mississippian rocks consist of thick-bedded limestone members interbedded with chert, pillowed basalt and epiclastic rocks.

Lower Permian units comprise thin- to thick-bedded corraline limestone interbedded with volcanic mafic to felsic volcanic flows, tuffs and volcaniclastics.



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.

Geology interpreted from G.S.C. Map 11-1971, Telegraph Creek; Equity Preservation Corp., Stewart-Sulphurets-Iskut Map 1988; and from Pamicon Developments Ltd. field maps

KERR PROJECT

SIMPLIFIED REGIONAL GEOLOGY

LIARD MINING DIVISION, B.C.

PAMICON DEVELOPMENTS LTD.

Drawn.	N.T.S.	Date.	FIG.
J.W.	103, 104	Jan. 1990	4

MESOZOIC VOLCANICS AND SEDIMENTS

Stuhini Group

Upper Triassic Stuhini Group volcanic and sedimentary rocks are characterized by a distinct facies change from bimodal mafic to felsic flows and tuffs interbedded with thick sections of limestone in the northwest to predominantly mafic volcanics with minor shale members in the southeast.

Hazelton Group

Lower Jurrasic Hazelton Group volcanic and sedimentary rocks predominantly occur in the southeast, northwest corners and central portions of the Galore-Iskut-Sulphurets area. Hazelton Group stratigraphy consists of the lowermost Unuk River Formation (Grove, 1986) comprised of mafic to intermediate volcanics with interbedded shale, argillite and greywacke sediments; the Betty Creek Formation (Grove, 1986) overlying the Unuk River Formation consists of maroon and green volcanic conglomerate and breccia, with the youngest uppermost member of the Hazelton Group consisting of welded tuff and tuff breccia correlative with Grove's (1986) Salmon River Formation and Alldrick's (1987) Mount Dilworth Formation.

Lower Jurassic volcanics of the area are commonly correlated with the Telkwa Formation of the Hazelton Group. A close spatial and coeval relationship has long been recognized (Alldrick, 1986, 1987 and others) between Lower Jurassic volcanism and early Jurassic intrusive activity and its metallogenic importance in precious metal mineralization (Premier porphyry). Because of the relationship, lower members of the Hazelton Group are considered the most favourable targets for exploration.

Spatsizi Group

Spatsizi Group shales, tuffs and limestone of upper Lower and lower Middle Jurassic age overlay Hazelton Group rocks in the eastern part of the map area. Buff, sandy bivalve and belemnite fossil bearing limestone units decrease in abundance in the north parts of the area at the expense of shale. Here, black radiolarian-bearing siliceous shale alternately interbeds with white tuffs giving the units an informal name of 'pyjama beds'. This pyjama bed sequence serves as an important marker for identifying the favourable underlying Hazelton Group.

Bowser Group

Bowser Lake Group Middle and Upper Jurassic clastic sediments cover most of the northeast quadrant of the map area. Interbedded shale and greywacke units predominate in the south while thick-bedded shales dominate toward the north. Near the highlands toward the northern reaches of the Bowser Basin, basal chert-rich conglomerates identify the Bowser Group as an overlap assemblage.

CENOZOIC VOLCANICS

Recent mafic flows and ash of the Hoodoo Formation, Iskut Formation and Lava Fork Formation cap specific areas within the region.

PLUTONIC ROCKS

The Coast Plutonic Complex, forming the western boundary of the Stewart Complex, is generally characterized by felsic Tertiary plutons. Late Triassic Stuhini Group and Early Jurassic Hazelton Group plutonic styles suggest coeval

and cospatial relationships with surrounding volcanics via distinctive porphyritic dykes such as the Premier Porphyry. Tertiary Coast Complex plutons lack these dykes and volcanic equivalents.

6.0 PROPERTY GEOLOGY

Minimal geological mapping has been carried out on the Kerr claims since the program conducted to date has been restricted mainly to reconnaissance prospecting.

Andesitic volcanics with interbedded limestone and clastics appear to cover the majority of the central claims area. A large dioritic intrusive appears to underlie the west and southwest parts of the Kerr 1 and 3 claims. Satellitic dykes and sills of diorite to syenitic (feldspar porphyry) composition intrude the volcanic sediments throughout the property. The known mineralization is often found proximal to several of the intrusives.

Figure 5 presents the geology as understood to date.

7.0 MINERALIZATION AND GEOCHEMISTRY

Property work in 1988 discovered four different styles of mineralization on the Kerr claims:

- magnetite/pyrite/chalcopyrite skarn mineralization
- pyrite quartz stockwork breccia mineralization
- silver/gold bearing tetrahedrite/chalcopyrite/malachite/azurite quartz veining

KERR 5

KERR 6

KERR 1

KERR 2

KERR 3

KERR 4

LCP

ICEFIELD

N

AURIFEROUS PYRITE QUARTZ VEINS

33246 - 33525

33515-521

33202-204

33523-524, 33247

PYRITE QUARTZ STOCKWORK BRECCIA

33205-207
33526-529
33531
33201, 33522
33530
33208-210

1, 2

3

AURIFEROUS PYRITE QUARTZ VEIN

89503

33551-556

SILVER-GOLD BEARING TETRAHEDRITE -CHALCOPYRITE QUARTZ VEINS

89507

89508

21780
89501-502
89504-506
89452-456

33560-562

Skarn

area of several feldspar, porphyry and andesite sills / dykes

MAGNETITE-PYRITE-CHALCOPYRITE SKARN

33564-567, 33590-600

33568-569

33551, 33542-548

33244, 33504, 33539-541

33215

33570-571

33572

33514

33573

33451-454

33574-575

89469-470

33507-509

33212

33211

33532

33533

33534

33537

33538

33535-536

33213-214

33510-13

89457-458

89459-460

89461-462

89463

89464

89465-466

89467-468

33512

2

1

LEGEND -

1 - Diorite intrusives; porphyritic phases

2 - Monzonite intrusives; post diorite

3 - Andesite volcanics and sediments including minor limestone

33572 X - Sample location site

\+ - Andesite dykes

80 - Strike and dip

Skarn

X ROCK CHIP SAMPLE LOCATION

● HEAVY SEDIMENT/SILT SAMPLE LOCATION

LCP - Legal corner post

Scale - 1: 12,500

500 250 0 500

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,698

KERR PROJECT

KERR 1-6 CLAIMS

ROCK CHIP AND HEAVY SEDIMENT/SILT SAMPLE LOCATION MAP

LIARD MINING DIVISION, B C.

PAMICON DEVELOPMENTS LIMITED
#711-675 West Hastings St., Vancouver, B.C. V6B 1N4 (604) 684-5901

Geologist:	NTS: 104B/15	Date: Jan. 1990	FIGURE: 5

- auriferous pyrite quartz veining

During the limited program on the Kerr project conducted in 1989, rock chip sampling was only carried out to follow-up a quartz pyrite vein on the Kerr 1 claim from which a 0.726 oz/ton Au sample was obtained in 1988. A total of 14 samples were collected from this vein and other rocks of interest in this area during the program. Four of the more encouraging samples of the mineralized vein produced the following results:

Sample Number	Ag (ppm)	Au (ppb)	Au (oz/ton)	Remarks
89504	50.0	--	0.326	10-30 cm wide
89506	77.2	--	0.292	25 cm wide
89508	39.2	1,500	--	float, similar to main vein
89453	109.5	--	1.060	float, 10 metres south of 89506

In addition, 11 heavy sediment and 8 silt samples were collected from traverses along a major creek drainage on the Kerr 2, 3, and 4 claims. Anomalous values of 80 and 170 ppb Au were obtained from heavy sediment sample numbers 89458 and 89466, respectively (Figure 5).

8.0 CONCLUSIONS

The Kerr 1-6 mineral claims, located in the emerging Iskut River gold camp were staked in 1987 and 1988. Results of a brief 1988 prospecting program identified five mineralized occurrences randomly located on the property. One of these showings has yielded a 1.060 oz/ton Au assay.

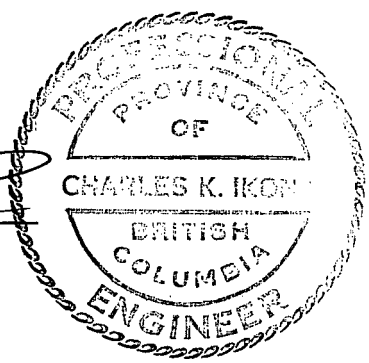
With the limited amount of work which has been carried out on the Kerr property during 1988 and 1989, several mineralized showings have been discovered and excellent potential still exists for discovering additional

mineralized targets as well as further enhancing known showings. A large part of the claims area still remains untested and unexplored and as a result, requires a comprehensive grassroots exploration program be carried out.

Respectfully submitted,

S.L. Todoruk, Geologist

C.K. Ikona, P.Eng.



APPENDIX I

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Sorbara, J. Paul (January 11, 1988): Geological Report on the Joy 1 & 2 Mineral Claims for Brenwest Mining Ltd.

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Todoruk, S.L. and C.K. Ikona (1987): 1987 Summary Report on the Sky 4 & 5 and Spray 1 & 2 Claims.

Todoruk, S.L. and C.K. Ikona (1987): Geological Report on the Stu 4 & 5 Mineral Claims.

Todoruk, S.L. and C.K. Ikona (1988): Geological Report on the Forrest 1-15 Mineral Claims.

Todoruk, S.L. and C.K. Ikona (1989): Geological Report on the Gab 9 Mineral Claim.

Todoruk, S.L. and C.K. Ikona (1989): Geological Report on the Gab 11 & 12, Mon 1 & 2, Wei & Zel, Stu 8 & 9 Mineral Claims.

Todoruk, S.L. and C.K. Ikona (1989): Geological Report on the Stu 4 & 5 and NWG 6 & 7 Mineral Claims.

Tungco Resources Corporation: News release dated December 1, 1987.

Western Canadian Mining Corp.: News release dated November 12, 1987.

APPENDIX II

COST STATEMENT

COST STATEMENT
KERR 1-6 MINERAL CLAIMS
LIARD MINING DIVISION

WAGES		
S. Todoruk (Geologist) - 1 day @ $400.00	$ 400.00	
A. Montgomery (Geologist) - 2 days @ $300.00	600.00	
L. Van Zino (Geologist) - 1 day @ $300.00	300.00	
P. Bilodeau (Geologist) - 1 days @ $300.00	300.00	
J. Anderson (Prospector) - 1 day @ $265.00	265.00	
B. Anderson (Prospector) - 1 day @ $265.00	265.00	
K. Milledge (Project Manager) - 1 days @ $250.00	250.00	
		$ 2,380.00
CAMP AND EQUIPMENT EXPENSE		
Room and Board		
Pamicon crew 8 days		
NMH crew 2 days		
10 days @ $125.00	$1,250.00	
Field Equipment and Supplies	200.00	
		1,450.00
GENERAL EXPENSES		
Fixed Wing (Central Mountain Air)	$ 200.00	
Helicopter (Northern Mountain Helicopter)		
1.4 hours @ $620.56	868.77	
Telephone (B.C. Tel Spacetel)	50.00	
Freight	50.00	
Assays	700.87	
Report	2,000.00	
Project Supervision	580.45	
		4,450.09
TOTAL THIS PROGRAM		$ 8,280.09

APPENDIX III

SAMPLE DESCRIPTION SHEETS

POMICON DEVELOPMENTS LIMITED — Chemical Data Sheet — ROCK SAMPLING

NTS _____

Sampler Phil Bilodeau | Project Pomicon | Location Ref _____

Date Oct 1/89 | Property Kerr Claims | Air Photo No _____

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width / True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Au oz/t	Ag ppm	Cu ppm		
89451		Float		andesite dyke?	possible sharn	Massive pyrite	Float on S side of moraine	115		1.6	1055		
89452		Grab		syenites		~5% pyrite	contact with volcanics 330/80?	25		0.4	373		
89453		Float		Qtz		~3% pyrite	10m south of 89506 .2 m wide	>10,000	1.060	109.5	256		
89454	N of 21780	Float		syenites andesite		pyrite	contact? Possible fault. Followed 15 m N	210		0.6	18		
89455	"	Float		"		"	10 m N .15 m wide qtz vein	130		0.8	17		
89456	"	"		"		"	15 m N of 21780	25		0.4	19		

PAMI[redacted]
DEVEL MENTS LIMITED

[redacted]chem[redacted]al D[redacted]Sh[redacted] R[redacted] SAMPLIN[redacted]

Sampler: A. Montgomery
Date: October 01 1989

Project: Pamicon
Property: Kerr

NTS:
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	Au o/t	Ag ppm	Cu ppm		
89501	KERR 1 1375m elev.	grab		qtz vein	limonite	minor py.	10-30cm wide v. limonitic vuggy qtz vn in monzonite at volc contact	100		1.2	52		
89502	20m @ 220° fr. -501	select grab		Iron carb veins	limonite	tr. cpy barite	1-2m wide fracture zone c iron-carb / ± barite veins	10		<0.2	149		
89503	KERR 1 elev. 1340	off float		Skarn	limonite	Mal.,	1m x 0.5m boulder of mssu magnt ± mal., garnet, epidote	30		<0.2	2280		
89504	~20m north of 89501	grab		qtz vein	strong limonite	minor pyrite	10cm-30cm wide qtz vein visible in o/c ~0.5m - this	>10,000	0.326	50.0	65		
~~89505~~							is a resample of 1988 sample 21780 (0.70/t Au)						
89505	10m east of 89501	grab		~~qtz vein~~ intrusive	strong limonite/chlorite	~5% pyrite	strongly altd intrusive (w/r to vein)	145		1.2	831		
89506	20-30m south of 21780	select grab		qtz vein	strong limonite	3% py patches	25cm ?? wide qtz vein c good py. o/c 0.3m strike	>10,000	0.292	77.2	201		
89507	elev. 1415m	grab		underlying volc.	weak limonite	mal stain on fracture	0.3m² zone of mal.	270		2.4	7310		
89508	elev 1405m 5m N. of 507	Float		qtz vein	strong limonite	-	similar vein to that to the north (above samples); 5cm x 10cm piece.	1500		39.2	283		

PAMICON DEVELOPMENTS LIMITED

Geochemical Data Sheet - ~~SOIL SAMPLING~~ SILT/HEAVY SED./ROCK

Sampler: A. Montgomery/B. Anderson
Date: October 12 1989
Project: Pamicon
Property: Kerr
NTS:
Location Ref:
Air Photo No:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Texture	Drainage	SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS Au ppb	Au oz/t	Ag ppm	Cu ppm		
89457	Kerr 1 1260m								silt	<5		<0.2	41		
89458	" 1260m								h.s. - partner to 89457	80		<0.2	147		
89459	" 1275m								silt	<5		<0.2	54		
89460	" 1275m								h.s. - partner to 89459	<5		<0.2	167		
89461	" 1295m								silt	<5		<0.2	76		
89462	" 1295m								h.s. - partner to 89461	10		<0.2	199		
89463	" 1260m								grab - narrow 3cm wide ankerite vein/shear, same creek as 89462	10		<0.2	8		
89464	" 1235m								h.s.	<5		<0.2	250		
89465	" 1140m								silt	<5		<0.2	72		
89466	" 1145m								h.s - partner to 89465	170		<0.2	195		
89467	" 1145m								silt	20		0.2	91		
89468	" 1145m								h.s. - partner to 89467	20		0.2	214		
89469	Kerr 4 1075m								silt	<5		<0.2	79		
89470	" 1075m								h.s. - partner to 89469	<5		<0.2	140		
89551	900m								H.S. very little heavies, 90% intrusive float	20		<0.2	82		
89552	910m								HS very little heavies, 30% intrusive, 70% intermediate to basic volcs	40		0.4	216		
89553	930m								H.S 30/70 Repeat SS/CGS/O minor magnetite	10		<0.2	20		
89554	"								silt - partner to 89553	15		<0.2	170		

[redacted] DEVELOPMENTS LIMITED

[redacted]ochemical [redacted] Sh[redacted] SOIL SAMPLING [redacted]

Silt / Heavy Sed

Sampler Al Montgomery + Bruce Anderson. Project _____ NTS _____

Date Oct 12/89 Property KERR Location Ref _____

Air Photo No _____

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS					
				Colour	Texture	Drainage				Au ppb	Au o/t	Ag ppm	Cu ppm		
89555	940m.								HS.	40		<0.2	376		
89556.	"								Silt - partner to 89555	30		0.8	34		

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APPENDIX IV

ASSAY CERTIFICATES

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

PAMICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : KERR
Comments:

Page Number : 1-A
Total Pages : 1
Invoice Date: 25-OCT-89
Invoice No. : I-8927990
P.O. Number : NONE

CERTIFICATE OF ANALYSIS A8927990

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Au FA oz/T	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
89451	205	238	115	-----	0.18	1.6	255	20	< 0.5	< 2	0.11	< 0.5	282	33	1055	>15.00	< 10	< 1	< 0.01	< 10	0.08
89452	205	238	25	-----	1.60	0.4	55	70	< 0.5	< 2	0.26	< 0.5	25	23	373	9.20	< 10	< 1	0.04	< 10	1.14
89453	205	238	>10000	1.060	0.05	109.5	40	40	< 0.5	< 2	0.02	< 0.5	11	195	256	3.71	< 10	< 1	< 0.01	< 10	0.01
89454	205	238	210	-----	2.91	0.6	5	100	< 0.5	< 2	0.13	< 0.5	15	100	18	6.71	< 10	< 1	0.19	< 10	3.03
89455	205	238	130	-----	0.24	0.8	15	750	< 0.5	< 2	0.07	< 0.5	4	216	17	2.76	< 10	< 1	< 0.01	< 10	0.16
89456	205	238	25	-----	0.24	0.4	35	560	< 0.5	< 2	0.05	< 0.5	2	188	19	2.30	< 10	< 1	< 0.01	< 10	0.15
89501	205	238	100	-----	0.23	1.2	40	770	< 0.5	< 2	0.03	< 0.5	4	198	52	3.80	< 10	< 1	0.01	< 10	0.13
89502	205	238	10	-----	0.58	< 0.2	< 5	3900	< 0.5	< 2	13.05	< 0.5	12	80	149	4.26	< 10	< 1	0.09	< 10	3.63
89503	205	238	30	-----	1.64	< 0.2	20	150	< 0.5	< 2	9.67	< 0.5	36	42	2280	>15.00	< 10	< 1	< 0.01	< 10	0.24
89504	205	238	>10000	0.326	0.13	50.0	35	270	< 0.5	< 2	0.12	< 0.5	2	203	65	2.50	< 10	12	0.05	< 10	0.02
89505	205	238	145	-----	1.21	1.2	65	20	< 0.5	< 2	0.20	< 0.5	46	42	831	11.90	< 10	< 1	0.04	10	0.76
89506	205	238	>10000	0.292	0.12	77.2	25	390	< 0.5	< 2	0.04	< 0.5	2	204	201	3.91	< 10	56	0.02	< 10	0.03
89507	205	238	230	-----	2.10	2.4	20	180	< 0.5	< 2	1.54	< 0.5	47	52	7310	3.85	< 10	< 1	0.02	< 10	1.49
89508	205	238	1500	-----	0.11	39.2	50	100	< 0.5	< 2	0.06	< 0.5	2	247	283	3.06	< 10	< 1	< 0.01	< 10	0.02

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 604-984-0221

PAMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : KERR
Comments:

Invoice Date: 25-OCT-89
Invoice No. : I-8927990
P.O. Number : NONE

CERTIFICATE OF ANALYSIS A8927990

SAMPLE DESCRIPTION	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
89451	205	238	75	7	< 0.01	32	< 10	< 2	< 5	1	1	< 0.01	< 10	20	48	40	46
89452	205	238	525	3	0.02	9	400	2	< 5	4	65	0.09	< 10	< 10	50	< 10	64
89453	205	238	30	3	< 0.01	12	30	< 2	< 5	< 1	4	< 0.01	< 10	< 10	4	10	6
89454	205	238	970	6	0.01	15	740	< 2	< 5	10	3	0.16	< 10	< 10	151	10	288
89455	205	238	130	3	< 0.01	3	110	2	< 5	1	22	0.03	< 10	< 10	19	< 10	12
89456	205	238	165	< 1	< 0.01	4	40	< 2	< 5	< 1	13	0.01	< 10	< 10	15	< 10	14
89501	205	238	115	43	< 0.01	5	70	36	< 5	1	34	0.01	< 10	< 10	22	< 10	16
89502	205	238	3950	< 1	< 0.01	10	10	< 2	10	3	395	< 0.01	< 10	< 10	41	30	26
89503	205	238	3580	< 1	< 0.01	6	180	< 2	< 5	4	10	0.02	< 10	20	97	80	50
89504	205	238	90	123	< 0.01	3	60	12	< 5	< 1	7	< 0.01	< 10	< 10	10	< 10	4
89505	205	238	335	5	0.04	14	400	28	< 5	4	34	0.11	< 10	20	49	< 10	56
89506	205	238	75	8	< 0.01	1	50	4	< 5	< 1	9	< 0.01	< 10	< 10	5	< 10	10
89507	205	238	815	< 1	0.03	9	740	62	< 5	15	185	0.31	< 10	10	113	< 10	142
89508	205	238	110	2	< 0.01	2	60	< 2	< 5	< 1	4	< 0.01	< 10	10	7	< 10	6

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
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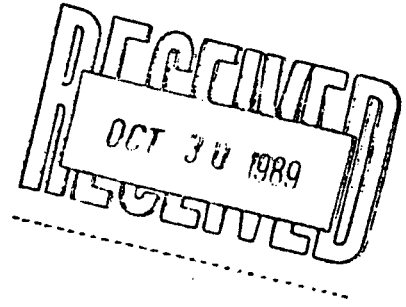
PHONE (604) 984-0221

T[redacted]MICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4
Project : KERR
Comments:

Date : 27-OCT-89
Invoice # : I-8928497
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8928497

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
89457	201	238	< 5	1.44	< 0.2	15	120	< 0.5	< 2	0.35	< 0.5	14	23	41	3.99	< 10	< 1	0.09	< 10	0.93	665
89459	201	238	< 5	1.68	< 0.2	15	180	< 0.5	< 2	0.39	< 0.5	18	25	54	4.67	< 10	< 1	0.10	10	1.09	800
89461	201	238	< 5	1.94	< 0.2	< 5	270	< 0.5	< 2	0.48	< 0.5	19	31	76	4.96	< 10	< 1	0.13	10	1.28	1115
89465	201	238	< 5	1.58	< 0.2	5	120	< 0.5	< 2	0.67	< 0.5	18	26	72	4.22	< 10	< 1	0.06	< 10	1.09	770
89467	201	238	20	1.51	0.2	10	100	< 0.5	< 2	1.05	< 0.5	22	31	91	4.72	< 10	< 1	0.05	< 10	1.09	720
89469	201	238	< 5	2.97	< 0.2	10	320	< 0.5	< 2	0.59	< 0.5	24	34	79	5.40	< 10	< 1	0.14	10	1.68	1565
89554	201	238	15	2.14	< 0.2	< 5	190	< 0.5	< 2	0.85	< 0.5	26	31	170	5.33	< 10	< 1	0.09	10	1.40	925
89556	201	238	30	2.85	0.8	< 5	280	1.0	< 2	0.85	< 0.5	7	19	34	3.59	10	< 1	0.06	30	0.42	725



CERTIFICATION : B. Caughlin

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To: [redacted]MICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4
Project : KERR
Comments:

* Page No [redacted]-B
Tot. Pages: 1
Date : 27-OCT-89
Invoice # : I-8928497
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8928497

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
89457	201	238	< 1	0.01	11	500	< 2	< 5	7	18	0.04	< 10	< 10	95	< 10	46
89459	201	238	< 1	0.02	12	510	< 2	< 5	9	22	0.05	< 10	< 10	117	< 10	60
89461	201	238	2	0.02	14	630	< 2	< 5	11	28	0.05	< 10	< 10	112	< 10	66
89465	201	238	< 1	0.03	19	530	< 2	< 5	8	37	0.09	< 10	< 10	120	< 10	56
89467	201	238	< 1	0.02	19	490	< 2	< 5	7	42	0.11	< 10	< 10	133	< 10	68
89469	201	238	< 1	0.02	18	590	< 2	< 5	18	34	0.03	< 10	< 10	142	< 10	94
89554	201	238	1	0.02	16	690	< 2	< 5	10	65	0.16	< 10	< 10	143	< 10	76
89556	201	238	6	0.03	5	380	6	5	8	40	0.15	< 10	< 10	75	< 10	108

CERTIFICATION : B. Caughlin

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To: [redacted]ICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4
Project : KERR
Comments:

* Page No. [redacted].A
Tot. Pages: 1
Date : 26-OCT-89
Invoice # : I-8928498
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8928498

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
89463	205	238	10	0.36	< 0.2	< 5	360	< 0.5	< 2	6.72	0.5	16	78	8	4.59	< 10	< 1	0.12	< 10	1.09	1605

CERTIFICATION : B. Caughlin

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PHONE (604) 984-0221

TO: [redacted]MICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4
Project : KERR
Comments:

Date : 26-OCT-89
Invoice # : I-8928498
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8928498

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
89463	205 238	1	0.02	9	110	< 2	< 5	21	49	< 0.01	< 10	< 10	121	< 10	84

CERTIFICATION : B. Caughlin

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: [illegible]AMICON DEVELOPMENTS LIMITED

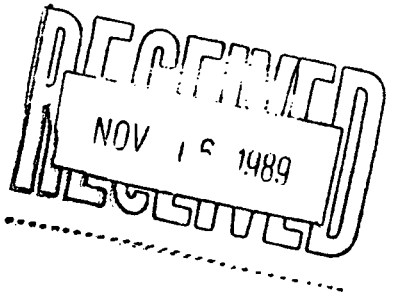
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4

Project : KERR
Comments:

Date : 13-NOV-89
Invoice # : I-8928499
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8928499

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
89458	213	238	80	4.05	< 0.2	20	160	< 0.5	< 2	3.25	< 0.5	43	172	147	7.06	< 10	< 1	0.12	10	1.52	895
89460	213	238	< 5	3.17	< 0.2	< 5	560	< 0.5	< 2	2.30	< 0.5	39	107	167	5.68	< 10	< 1	0.09	10	1.47	765
89462	213	238	10	3.34	< 0.2	5	490	< 0.5	< 2	2.27	< 0.5	34	94	199	5.84	< 10	< 1	0.10	10	1.64	800
89464	213	238	< 5	2.63	< 0.2	15	2000	< 0.5	< 2	1.87	< 0.5	36	76	250	5.49	< 10	< 1	0.06	10	1.33	690
89466	213	238	170	2.12	< 0.2	< 5	950	< 0.5	< 2	2.08	< 0.5	33	59	195	4.01	< 10	< 1	0.04	10	0.96	640
89468	213	238	20	2.11	0.2	< 5	380	< 0.5	< 2	2.87	1.0	33	60	214	4.40	< 10	< 1	0.04	< 10	0.91	880
89470	213	238	< 5	3.78	< 0.2	20	680	< 0.5	< 2	2.51	< 0.5	32	76	140	6.34	< 10	1	0.10	10	1.49	810
89551	213	238	20	3.82	< 0.2	< 5	1430	< 0.5	< 2	2.99	1.0	22	128	82	5.47	< 10	< 1	0.08	10	1.38	825
89552	213	238	40	3.31	0.4	< 5	420	< 0.5	2	3.17	1.0	29	97	216	5.96	< 10	< 1	0.06	< 10	1.14	840
89553	213	238	10	3.12	< 0.2	< 5	60	< 0.5	< 2	2.55	1.0	10	71	20	3.64	< 10	< 1	0.03	< 10	1.12	555
89555	213	238	40	2.26	< 0.2	20	1430	< 0.5	< 2	1.82	< 0.5	45	63	376	5.24	< 10	< 1	0.05	10	1.07	635



CERTIFICATION : B. Caughlin

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

T[redacted]MICON DEVELOPMENTS LIMITED
711 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N4
Project : KERR
Comments:

Date : 13-NOV-89
Invoice # : I-8928499
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8928499

SAMPLE DESCRIPTION	PREP CODE		Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
89458	213	238	< 1	0.06	16	1700	< 2	< 5	16	312	0.24	< 10	< 10	167	< 10	82
89460	213	238	< 1	0.03	15	740	2	< 5	12	245	0.22	< 10	< 10	135	< 10	72
89462	213	238	< 1	0.03	13	850	10	< 5	14	257	0.21	< 10	< 10	139	< 10	110
89464	213	238	< 1	0.02	17	880	10	< 5	11	269	0.18	< 10	< 10	121	< 10	74
89466	213	238	< 1	0.02	11	660	6	< 5	7	191	0.17	< 10	< 10	89	< 10	50
89468	213	238	< 1	0.02	16	590	< 2	5	8	188	0.17	< 10	< 10	93	< 10	76
89470	213	238	< 1	0.02	15	670	6	< 5	14	332	0.20	< 10	< 10	172	< 10	82
89551	213	238	< 1	0.04	13	330	6	< 5	14	330	0.21	< 10	< 10	162	< 10	72
89552	213	238	< 1	0.02	12	500	6	< 5	13	452	0.23	< 10	< 10	163	< 10	86
89553	213	238	< 1	0.03	8	350	10	< 5	12	269	0.23	< 10	< 10	140	< 10	64
89555	213	238	3	0.01	14	600	2	< 5	8	291	0.17	< 10	< 10	106	< 10	50

CERTIFICATION : B. Caughlin

APPENDIX V

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, STEVE L. TODORUK, of 5700 Surf Circle, Sechelt, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Geologist in the employment of Pamicon Developments Limited, with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.

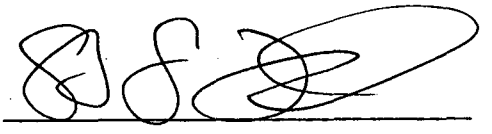
3. THAT my primary employment since 1979 has been in the field of mineral exploration.

4. THAT my experience has encompassed a wide range of geologic environments and has allowed considerable familiarization with prospecting, geophysical, geochemical and exploration drilling techniques.

5. THAT this report is based on data generated by myself, under the direction of Charles K. Ikona, Professional Engineer.

6. THAT I hold a beneficial interest in the Kerr claims.

DATED at Vancouver, B.C., this 19th day of Feb., 1990.



Steve L. Todoruk, Geologist

APPENDIX VI

ENGINEER'S CERTIFICATE

ENGINEER'S CERTIFICATE

I, CHARLES K. IKONA, of 5 Cowley Court, Port Moody, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Mining Engineer with offices at Suite 711, 675 West Hastings Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a degree in Mining Engineering.

3. THAT I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.

4. THAT this report is based on data generated by Steve Todoruk, with whom I have worked for four years, and in whom I have every confidence.

5. THAT I examined the property reported on in August, 1988 and have had extensive experience in the area.

6. THAT I hold a beneficial interest in the Kerr claims.

DATED at Vancouver, B.C., this 15th day of Feb, 1990.

Charles K. Ikona, P.Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
CHARLES K. IKONA