

PROPERTY FILE

104B/15 KERR 1-6 018982

(TAKEN FROM CONSOLIDATED CAPROCK  
RESOURCES LTD PROSPECTUS REPORT  
JULY 4, 1990)

REPORT ON THE  
CONSOLIDATED CAPROCK RESOURCES LTD.  
KERR PROJECT

ISKUT RIVER AREA, BRITISH COLUMBIA

B. Dewonck, F.G.A.C.

June 22, 1990

OREQUEST



### SUMMARY

Consolidated Caprock Resources Ltd. has the right to earn a 100% interest in the Kerr Project, which consists of the Kerr 1-6 mineral claims comprising 112 units. The property is situated within the Liard Mining Division. Extensive exploration for precious metals is ongoing at a rapid pace in the area and numerous discoveries have been made, of which several are in advance stages of exploration, development or, in the case of Skyline Gold Corporation, in production. Prime Resources Group Inc./Stikine Resources Ltd.'s Eskay Creek 21 zone is located 32 kilometres to the southeast of the property while Cominco/Prime Resources Corporation's Snip deposit and Skyline Gold Corporation's Johnny Mountain Mine are 27 kilometres to the west-southwest. The Bell II service centre on the Stewart-Cassiar Highway is 60 kilometres to the southeast.

The Kerr Project was staked in 1987 and 1988 as a result of reconnaissance exploration by Pamicon Developments Ltd., whose principals are owners of the property. Since that time the property has received only minimal attention in the form of reconnaissance prospecting rock and stream sediment sampling. Regional geological maps indicate the project area to be underlain almost entirely by intrusive rocks however the limited work done suggests that the central claims area is underlain by volcanics with interbedded limestone and clastics. The possibility exists that the intrusive rocks may be coeval with a major mineralizing event identified within the Stewart Complex, an assemblage of Upper Triassic to Middle Jurassic volcanic and sedimentary rocks to the south.

Four styles of mineralization have been defined on the Kerr Project to date:

1. magnetite/pyrite/chalcopyrite skarn mineralization
2. pyrite quartz stockwork breccia mineralization
3. silver/gold bearing tetrahedrite/chalcopyrite/malachite/azurite quartz veining
4. auriferous pyrite quartz veining

The first style has produced anomalous silver, copper and zinc values, the third copper, antimony and silver values with weak gold and the fourth anomalous gold and silver, including float samples assaying up to 1.060 oz/ton gold.

Exploration success on Avondale Resources Incorporated's nearby Forrest Project, staked as a result of the same reconnaissance work which produced the Kerr Project, suggests that the latter warrants further evaluation. A Phase I program, estimated to cost \$75,000, is recommended to conduct detailed mapping and systematic sampling of the known occurrences as well as continued prospecting of the rest of the property. A second phase would ensue from encouraging Phase I results and include trenching, geophysical survey and possibly limited diamond drilling. A budget of \$100,000 is allocated to this Phase II work.

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## INTRODUCTION

This report was prepared at the request of Consolidated Caprock Resources Ltd., who has the right to acquire a 100% interest in the Kerr Project. The property comprises the Kerr 1-6 mineral claims totalling 112 units. The results of exploration to date are summarized and recommendations for continued work are made.

The information contained in this report is taken primarily from field data resulting from work carried out by Pamicon Developments Ltd. in 1988 and 1989, under the direct supervision of S. Todoruk, B.Sc. Mr. Todoruk is the registered owner of the claims, subject to a partnership agreement with other individuals directly associated with Pamicon Developments Ltd. The author visited the property on June 18, 1990 but was unable to examine mineral occurrences because of extensive snow cover. The nearby Forrest Project of Avondale Resources Inc. has been examined and exploration work on that project has been reviewed on a continuing basis by the author. Pamicon Developments Ltd. has carried out this work also and the author has full confidence in the information reported by them from both the Forrest and Kerr Projects. Initial reconnaissance work precipitated the staking of both properties, however the Forrest Project has advanced to the point where numerous showings have been identified as potential trenching and drilling targets (Dewonck, 1990).

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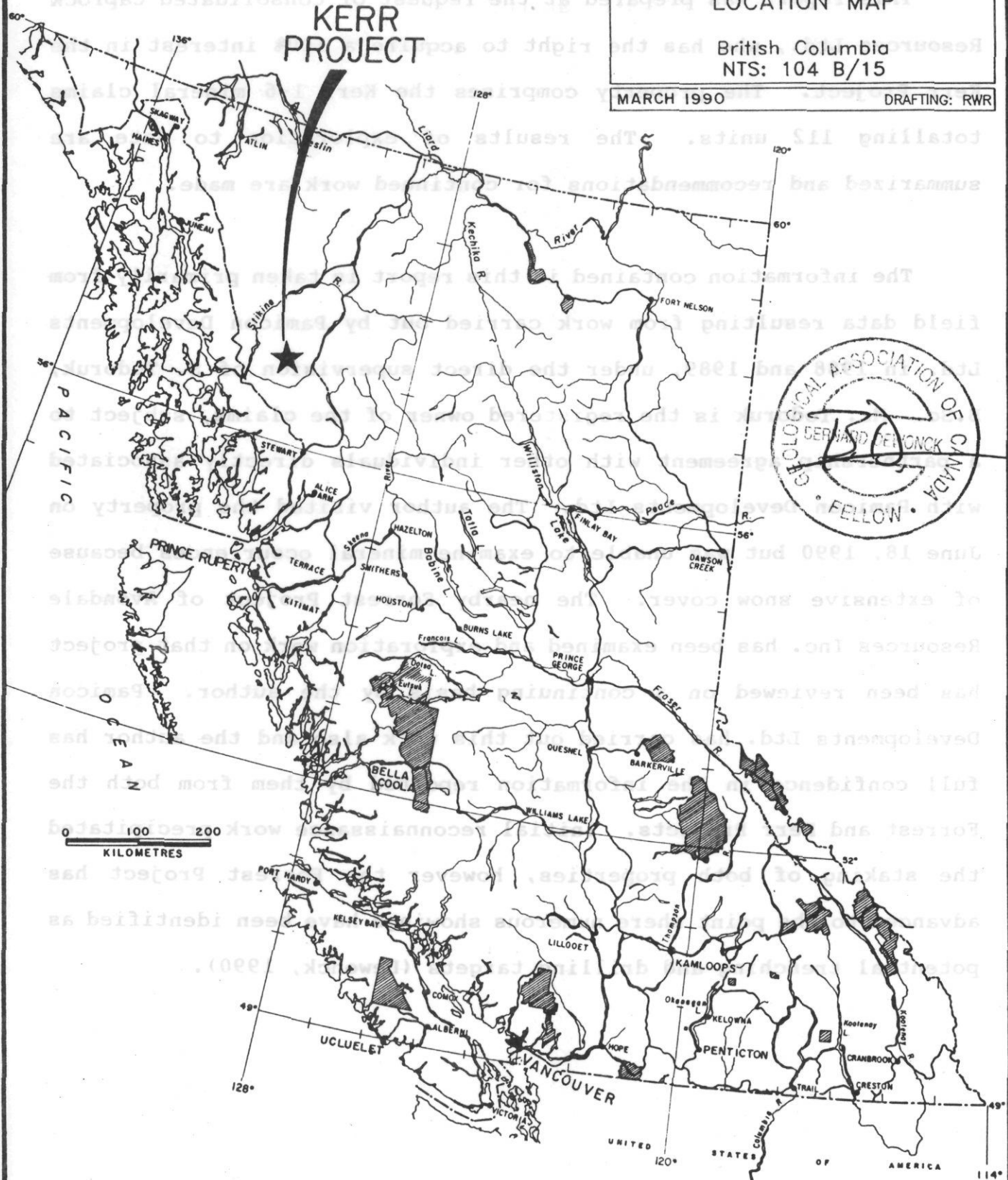
Figure 1  
KERR PROJECT  
Liard Mining Division

LOCATION MAP

British Columbia  
NTS: 104 B/15

MARCH 1990

DRAFTING: RWR



## LOCATION AND ACCESS

The Kerr Project is located approximately 100 kilometres northwest of Stewart in the rugged terrain of northwestern British Columbia. It can be reached by helicopter only, from several transfer points in the area. The Stewart-Cassiar highway passes to the east, with road services and a field helicopter base located 60 kilometres from the property at Bell II. A wide variety of fixed wing aircraft service both the Bronson Creek airstrip (Cominco Ltd./Prime Resources Corporation's Snip deposit) and the Johnny Mountain Mine airstrip (Skyline Gold Corporation) from Smithers, Terrace and/or Wrangell, Alaska. These airstrips are situated 27 kilometres southwest of the project area. Helicopters are based at Bronson Creek throughout the exploration season. An exploration camp has been established at the headwaters of Forrest Kerr Creek, 7 kilometres to the north, serviced by a short naturally occurring airstrip. A year round, helicopter-supported camp established by Prime Resources Group Inc./Stikine Resources Ltd. at their Eskay Creek deposit lies 30 kilometres to the southeast. Map reference for the area is 104B/15 and coordinates are 50°50'N latitude and 130°50'W longitude.

## PHYSIOGRAPHY AND VEGETATION

Elevations on the property range from less than 1000 metres to 2000 metres. The claims encompass the headwaters of a tributary of McLymont Creek as well as two ridges with moderately steep to precipitous slopes. Extensive snow cover precludes exploration before July, particularly in the high, north-central portion of the claim

area, and may curtail activity by late September. Moderate forest cover is limited to lower portions of the creek valley below 1370 metres; much of the area is well exposed except for permanent snow and/or ice cover at the highest elevations.

#### CLAIM STATUS

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 he and other principals in Pamicon Developments Ltd. are participants.

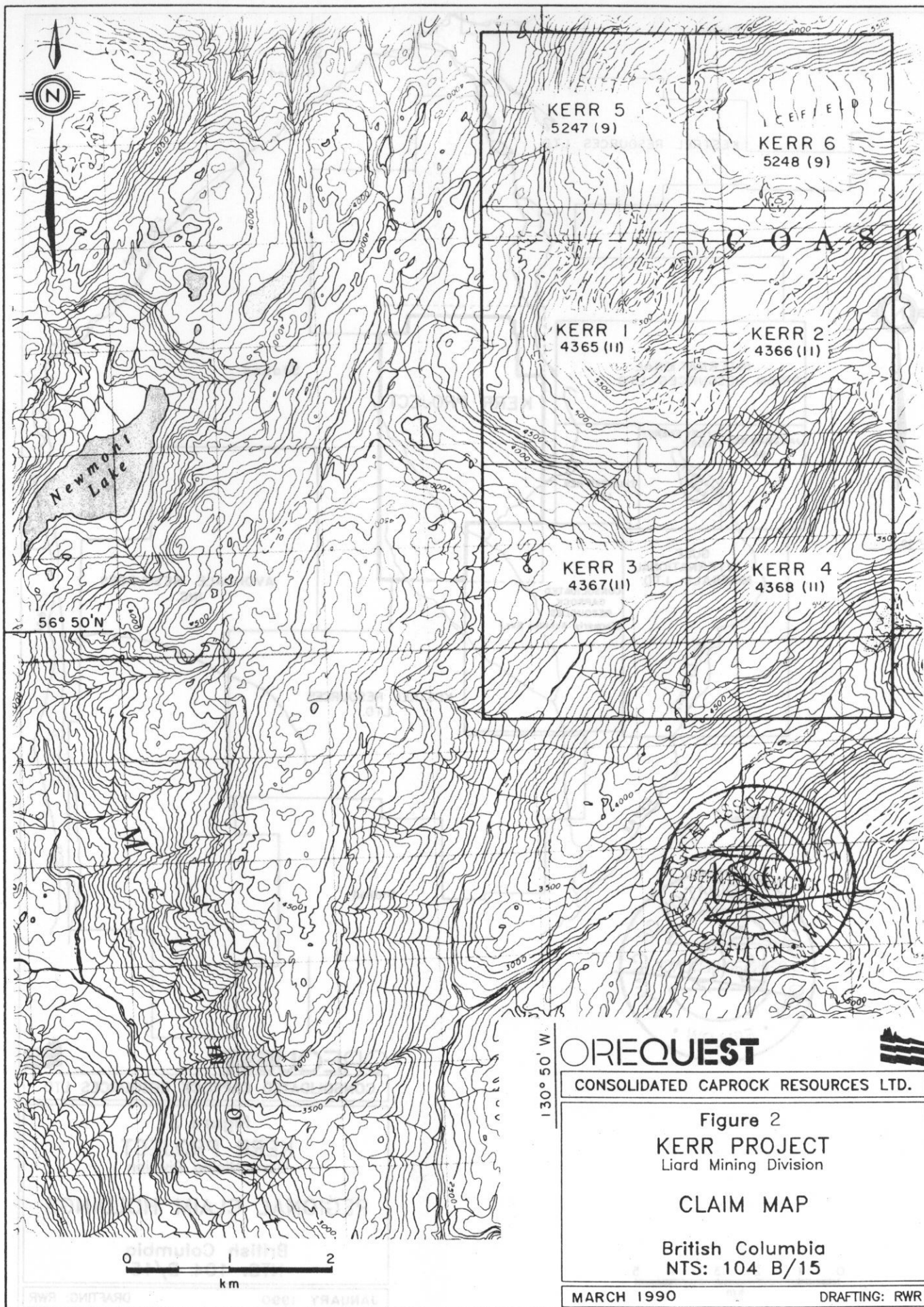
TABLE 1

#### CLAIM INFORMATION

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

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

Claim location is shown in Figure 2. The indicated position of the Kerr 1-4 claims is as verified by Pamicon personnel in 1988, which differs from that shown on the government claim map. The Kerr 5 and 6 claims, however, are correctly indicated on both Figure 2 and the



130° 50' W

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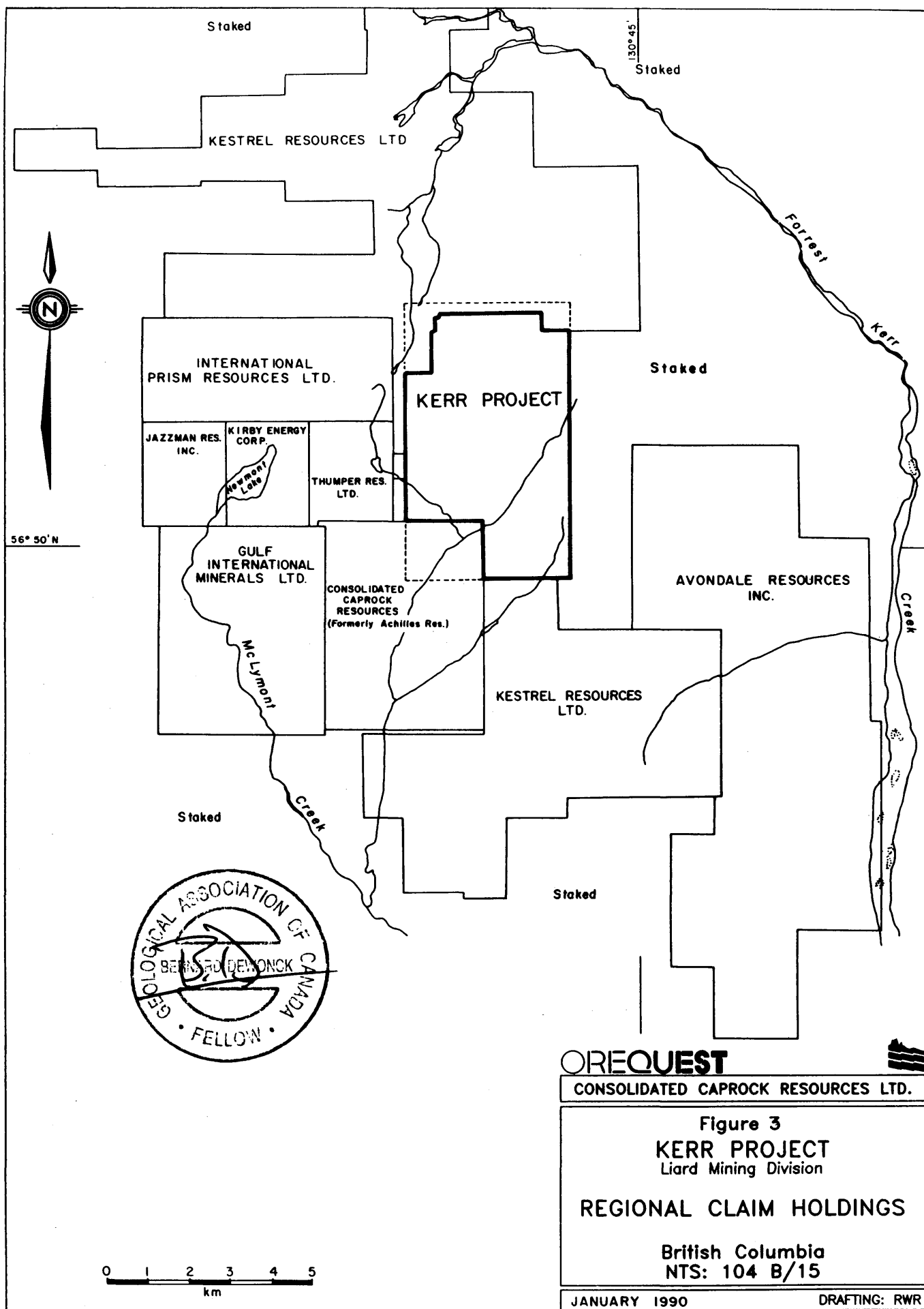
Figure 2  
KERR PROJECT  
Liard Mining Division

CLAIM MAP

British Columbia  
NTS: 104 B/15

MARCH 1990

DRAFTING: RWR



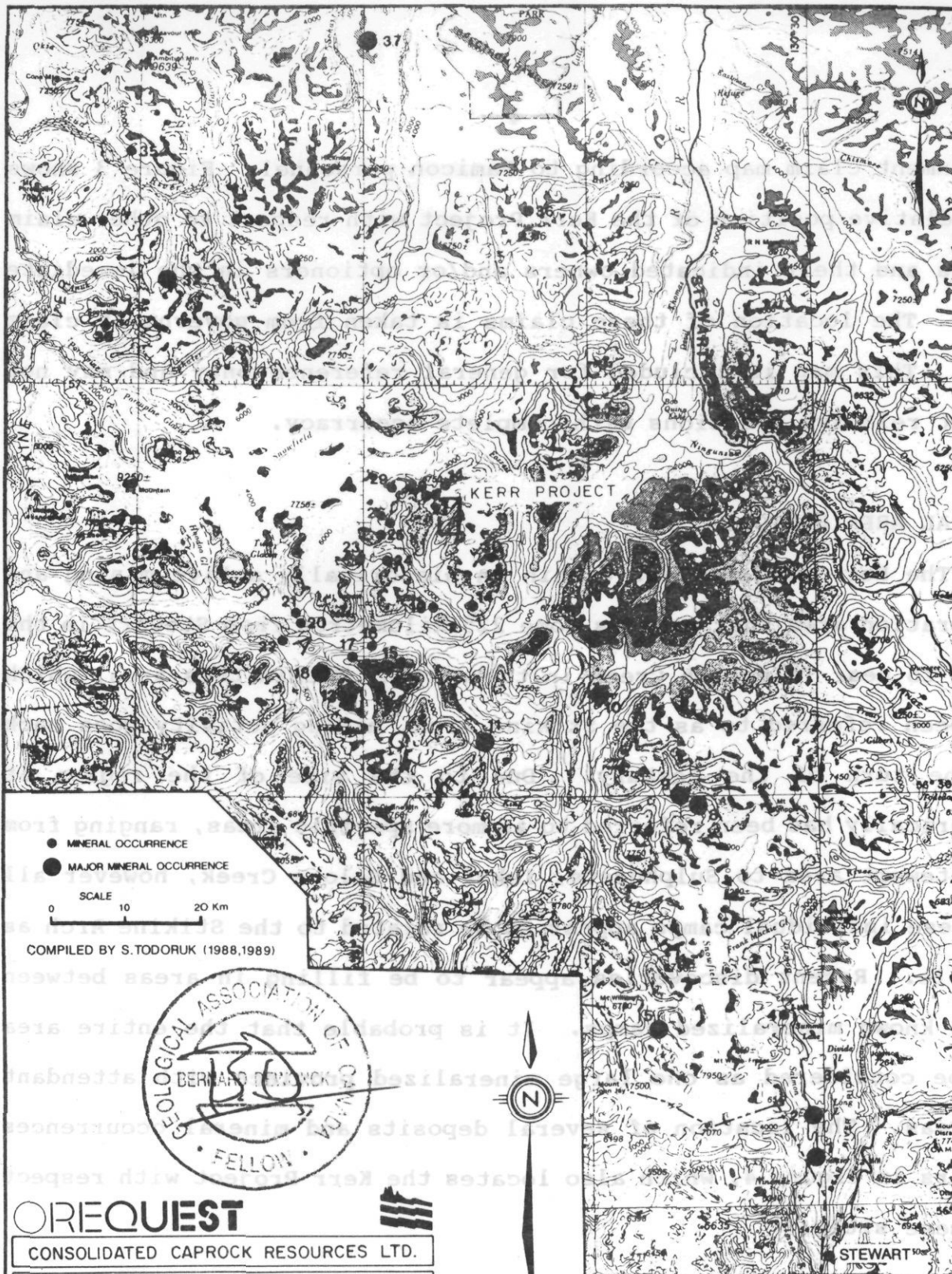
government claim map according to Pamicon personnel. Figure 3 shows the relative position of the Kerr Project with respect to other claim blocks and their indicated owners and/or optioners in the immediate area. The location of these claims is taken from government claim maps. This map is included for general reference only and may not depict relative positions with complete accuracy.

#### GENERAL AREA HISTORY

The Kerr Project lies within an historically active mining and exploration area that extends some 225 kilometres from Stewart in the south to near Telegraph Creek in the north. Within this area, which has been referred to as the Stikine Arch, mining activity goes back to the turn of the century. Due to the size of the region it historically has been referred to as more specific areas, ranging from the Stewart area to Sulphurets, Iskut and Galore Creek, however all of these individual camps appear to be related to the Stikine Arch as a whole. 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 location of several deposits and mineral occurrences appears in Figure 4, which also locates the Kerr Project with respect to these sites.

The Stewart area has been mined actively since the early 1900s and is one of the most prolific mining districts in British Columbia (Grove, 1971). Most prominent among the numerous mining properties





# LEGEND FOR FIGURE 4

PROPERTY OWNER	MINERAL RESERVES AND/OR ELEMENTS
1 Westmin Resources Ltd./Silbak Premier Mines	6,100,000 tons 0.064 oz/t Au, 2.39 oz/t Ag
2 Westmin Resources Ltd./Tournigan Mining Explorations Ltd.	1,860,000 tons 0.09 oz/t Au, 0.67 oz/ton Ag Au
3 Noranda (Todd Creek Project)	Au
4 Scottie Gold Mine	10,890,000 tons 1.79% Cu
5 Granduc	
6 Echo Bay Mines/Magna Ventures/Silver Princess Resources (Doc Project)	470,000 tons 0.27 oz/ton Au, 1.31 oz/ton Ag Cu, Au
7 Western Canadian Mining (Kerr Project)	146,437 tons 0.827 oz/ton Au
8 Catear Resources Ltd.	
9 Newhawk/Lacana/Granduc (Sulphurets Project - West Zone)	854,072 tons 0.354 oz/t Au, 22.94 oz/ton Ag
10 Calpine/Consolidated Stikine Silver Ltd. (Eskay Creek Project)	Au, Cu, Ag
11 Consolidated 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)	876,000 tons 0.55 oz/ton Au, 1.0 oz/ton Ag
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/Prime Resources 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 Claims	Ag, Cu, Au
28 Pezgold Resource Corp. (Cuba Zone)	Ag, Pb, Zn
29 Pezgold Resource Corp. (Ken Zone)	Cu, Au
30 Avondale Resources Inc. (Forrest Project)	Au, Ag, Cu
31 Pass Lake Resources Ltd. (Trek Project)	Cu, Au
32 Galore Creek	125,000,000 tons 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 tons 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

are the Silbak - Premier, Big Missouri and Granduc deposits, located 13 km north, 20 km north and 39 km northwest of Stewart respectively.

The Premier vein system, first staked in 1910, produced in excess of 1.8 million ounces of gold and 41 million ounces of silver from 4.7 million tons (to 1968). The nearby Big Missouri deposit, first staked in 1904, did not produce until 1938 and then only until 1942. During this time 847,615 tons were mined, producing 58,384 ounces of gold and 52,677 ounces of silver. Both these deposits, however, have recently been re-evaluated by Westmin Resources Ltd. who is placing them both into production with announced reserves of 6.1 million tons grading 0.064 oz/ton gold, 2.39 oz/ton silver and 1.86 million tons grading 0.09 oz/ton gold and 0.67 oz/ton silver respectively (Canadian Mines Handbook, 1989-90).

The Granduc deposit, a massive sulphide copper orebody, was discovered in 1951 and put into production in 1971 with reserves of 39.32 million tons grading 1.73% copper with minor gold and silver values. Production ceased in 1978 but the mine was reactivated in 1980 until early 1984. Production to 1978 totalled 13,423,340 tonnes grading 1.32% copper and later production (1981-82) was 1,114,271 tonnes grading 1.17% copper.

Scottie Gold Mines commenced production on a vein deposit at the north end of Summit Lake in 1981 with reserves of 186,680 tons grading 0.76 oz/ton gold. It closed in 1985, having experienced financial

difficulties brought on by depressed metal prices and loss of infrastructure as a result of the closure of the nearby Granduc facilities.

Bond International Gold Inc. recently announced the initial drill results from their Red Mountain Project (News Release, September 29, 1989). One discovery, referred to as the Marc Zone, produced a 66 m drill intersection grading 9.88 g/ton gold and 49.29 g/ton silver. Another area, the Willoughby Gossan Zone, produced a 20.5 m intersection grading 24.98 g/ton gold and 184.21 g/ton silver. These occurrences lie approximately 15.5 km and 23.5 km respectively east-northeast of Stewart.

The Kerr Project lies on the northern fringe of the Iskut-Sulphurets area which has seen extensive exploration in the last three years. The Iskut area originally attracted interest at the turn of the century when prospectors, returning south from the Yukon goldfields searched for placer gold and staked bedrock gossans. In the 1970s the porphyry copper boom drew exploration into the area. The new era of gold exploration began with the 1979 option of the Sulphurets claim block by Esso Minerals Canada and the 1980 acquisition of the Mount Johnny claims by Skyline Explorations Ltd. Skyline commissioned its mill in July, 1988. Cominco Ltd. and Prime Resources Corp. are projected to announce a feasibility decision on the adjacent Snip deposit in early 1990. There has been limited

production from Catear Resources Ltd.'s Goldwedge Zone where the mill was commissioned in June, 1988.

Beyond these projects, and except for limited early placer gold recovery from some creeks, the area has had no mineral production history. Since 1979, more than 70 new mineral prospects have been identified, though ground acquisition was relatively slow until the fall of 1987 when the promising results of summer exploration programs became known and the provincial government announced the upcoming release of analytical results from a regional stream sediment survey. By April 1988, all open ground had been staked. More than 60 companies hold ground in the Iskut-Sulphurets belt but to date only small areas within this 40 x 80 km district have received extensive exploration.

In the Sulphurets Creek camp 57 km southeast of the Kerr property near Brucejack Lake, the vein-hosted West Zone of Newhawk Gold Mines Ltd. / Granduc Mines Ltd. / Corona Corporation is reported to contain 715,400 tons grading 0.431 oz/ton gold and 19.70 oz/ton silver (GCNL Feb. 12, 1990) while the Snowfield Gold Zone and Sulphurets Lake gold zone are bulk tonnage low grade deposits containing 7.7 million tons of 0.075 oz/ton gold and 20 million tons of 0.08 oz/ton gold respectively (GCNL Aug. 24, 1989). Catear Resources Ltd.'s Gold Wedge Zone is reported to contain 146,437 tons of 0.827 oz/ton gold in a similar setting (Canadian Mines Handbook, 1989-90).

The Doc deposit located 62 km southeast of the Kerr property hosts 470,000 tons grading 0.27 oz/ton gold and 1.31 oz/ton silver, within a series of high grade but narrow quartz veins.

On the Snip property situated 27 km to the west-southwest, the Twin Zone, a 3 to 25 ft thick discordant shear vein cuts a thickly bedded sequence of intensely carbonatized feldspathic wackes and siltstones. Twin Zone reserves in all categories have been reported as 1,032,000 tons of 0.875 oz/ton gold (Prime Resources, 1989). This does not include additional reserves which may be developed outside the Twin Zone when mining begins. Twin Zone mineralization occurs in a banded shear zone comprising alternating bands of massive clacite, heavily disseminated to massive pyrite, crackle quartz and thin bands of biotite-chlorite.

At Skyline's nearby Johnny Mountain Mine, reserves in all categories are estimated at 876,000 tons of 0.55 oz/ton gold and 1.00 oz/ton silver with copper, zinc, and lead (Northern Miner, Aug. 21, 1989). Five major areas of gold-bearing sulphide are known. The most important Stonehouse Zone consists of sulphide-potassium feldspar-quartz vein and stockwork systems which have been only partly explored.

The most recently discovered and perhaps the most exciting gold mineralization occurs on the Eskay Creek property of Calpine Resources Incorporated/Stikine Resources Ltd., located 32 km southeast of the

Kerr property. At the original 21 Zone discovery gold grading up to 0.73 oz/ton over 96.5 ft (hole CA88-6) occurs in several distinct lithologies in a 300 foot wide fault zone at a contact between Lower Jurassic Mt. Dilworth Formation volcanics and sediments (Northern Miner, 1988, p.20; Calpine Resources Incorporated News Release, January 6, 1989). Numerous Calpine/Stikine news releases have announced results from over 600 drill holes completed from 1988 to the present, the most spectacular of which is hole CA-89-109 which produced 682.2 feet of 0.875 oz/tong gold. Preliminary reserve calculations were recently published, indicating probable geological reserves of 1,256,000 tons grading 1.52 oz/ton gold and 38.9 oz/ton silver (GCNL, February 16, 1990).

The E & L deposit is also situated in the area southwest of the Kerr property. This deposit was worked in the 1960s and early 1970s by trenching, drilling and 460 m of underground development, and has proven reserves of 3.2 million tons of 0.8% nickel and 0.6% copper (BCMEMPR Minfile). Mineralization consisting of disseminated pyrrhotite, chalcopyrite with minor pentlandite, pyrite and bornite occurs in a small stock of altered coarse grained gabbro.

The northwest portion of the Stikine Arch, known as the Galore Creek area, was the focus of widespread exploration in the 1950's, 1960's and 1970's for large tonnage porphyry copper deposits. Two major discoveries were made and exploration work defined reserves of 125 M tons grading 1.07% copper, 0.397 g/t gold and 7.94 g/t silver

at Galore Creek, and 910 M tons grading 0.30% copper, 0.113 g/t gold, 0.992 g/t silver and 0.02% molybdenum at Schaft Creek. More recently several companies have been restaking ground in this area to evaluate the gold potential. The Galore Creek deposit itself is the subject of renewed interest as it may include potentially gold enriched portions. Gold exploration is still at an early stage, however several prospects are likely to receive further attention in 1990.

In the more immediate project area, Gulf International Minerals Ltd. has been actively exploring its McLymont property, situated 7 km to the southwest, since 1986. The Gulf property was previously staked by Dupont Canada Explorations Ltd. in 1980 on the basis of a regional stream sediment survey, optioned to Skyline Explorations ltd. and Placer Developments Ltd. in 1983 and allowed to lapse in 1986. Gulf has concentrated its efforts on the Northwest Zone (northwest corner of the property) where it has drilled in 1987, 1988 and 1989. The targets are gold-bearing replacement deposits within marble units which are spacially related to a significant regional, northwest-trending structural break (McLymont Fault). Highlights of drilling results to date are as follows:

Drill Hole	Length (ft).	Au (oz/t)	Ag (oz/t)	Cu (%)
87-25	30.0	0.404	0.11	0.23
87-29	36.5	1.605	1.16	0.97
88-28	15.1	0.810	0.29	0.41
88-35	6.9	3.551	1.80	0.58
89-11	21.1	0.770	1.74	0.47
89-23	17.9	0.401	0.28	0.20
89-29	6.3	0.970	1.09	0.45
89-51	1.3	8.079	4.11	0.32



Continued work in the form of underground exploration and development is planned for 1990 (company news releases: 1988, 1989).

Jazzman Resources Inc. conducted an exploration program in 1988 on the claim immediately north of the Northwest Zone, which includes a continuation of the McLymont Fault and locally marblized crinoidal limestone (Todoruk and Ikona, 1989b). The favourable horizon, which passes about one kilometre west of Newmont Lake, was drilled in two areas.

The first is immediately north of the Gulf/Jazzman claim boundary where two vertical holes intersected the limestone. Neither hole returned significant gold values, however the more westerly hole is suggested to be closer to potential mineralization based on increased pyrite content and more recrystallization of the limestone.

The second area lies some 600 metres to the northeast, at the southwest end of a strong airborne magnetic anomaly, coinciding with well mineralized recrystallized limestone that produced gold values up to 0.379 oz/ton from grab samples. Three drill holes intersected well recrystallized limestone, one of which contained moderate magnetite-jasper-chalcopyrite-pyrite mineralization over 2.2 metres. Again gold values are low, however the intercepts are similar in nature to Gulf's Northwest Zone both geologically and mineralogically.

Recommendations were made to carry on exploration by doing ground geophysics and drilling to further evaluate the favourable horizon but this has not been done to date.

During 1988 Pezgold Resource Corporation held an option on claims north and east of the Jazzman property (the International Prism ground on Figure 3). Exploration by Pezgold was directed at numerous showings throughout the claim area which includes further northeast extension of the McLymont Fault (Kiesman and Ikona, 1989a). The Ken Zone, first identified by Newmont Mining in 1961, comprises garnet-magnetite-epidote skarns conformable with tuffaceous volcanics, cherts and argillites. Situated in the northwest corner of the property, the showing produced gold grade averages of 0.113 oz/ton from grab samples, 0.111 oz/ton from trench samples and 0.136 oz/ton from trench muck samples. Six drill holes were completed, successfully confirming downdip continuity of the skarns and producing two intercepts of 0.082 oz/ton gold, .832% copper and 0.076 oz/ton gold, .940% copper over 5.4 metres and 6.0 metres respectively.

The Glacier Zone, situated 600 metres south of the Ken Showing and comprising similar skarn occurrences, produced gold values to 1.19 oz/ton in grab samples however lower values prevailed in both trenching and drilling results. Trench values are commonly below 500 ppb, with a high of 0.112 oz/ton, and drill intercepts (from two holes) range from <.005 oz/ton to 0.024 oz/ton over 1 metre intervals within the principal skarn zones.

Two showings known as the North and South Cuba Zone occur 600 metres apart in the southeast corner of the Pezgold property, near the western boundary of the Kerr Project. Silver with attendant lead/zinc mineralization occurs in sheared barite-calcite-limestone crackle breccia. The north part of the North Cuba Zone, sampled in 1.5 metre intervals along strike, produced silver values ranging from 3.1 ppm to 3.11 oz/ton, zinc values to 9.5% and lead values to 2.3%. A 1.5 metre sample across strike produced 12.09 oz/ton silver and >10% zinc. The southern part produced silver values to 3.90 oz/ton over 1.5 metre (across strike) and to 1.93 oz/ton over 0.6 metre (along strike).

The South Cuba Zone assayed as high as 29.14 oz/ton silver, 2.9% lead and 9.2% zinc in separate samples however drilling in two holes did not encounter comparable grades. A 7.5 metre interval averaged 1.64 oz/ton silver and 4.88% zinc.

Recommended exploration including grid controlled geological mapping, geophysical and geochemical surveys and diamond drilling of the principal showings has not been carried out to date. Several other occurrences remain to be evaluated as well.

Also located immediately west of the Kerr Project are two claims optioned to Kirby Energy Corp. and Thumper Resources Ltd. respectively (Figure 3). Both properties were explored to a limited extent in 1988 and minimal work was carried out on Kirby's ground in 1989. The Kirby property exhibits gossanous fracture systems following creek

cuts up to 500 metres long. Anomalous arsenic values up to 7,990 ppm were recorded in grab samples (Kiesman and Ikona, 1988). Soil sampling completed in 1989 across the northeast end of Newmont Lake produced arsenic values ranging from 62 to 2000 ppm and zinc values ranging from 50 to 2494 ppm (Todoruk, personal comm.). Work on Thumper's claim produced silver values to 9.58 oz/ton from grab samples of fractures in limestone carrying galena, sphalerite  $\pm$  malachite intermittently hosted in a barite gangue (Kiesman and Ikona, 1989b).

The larger claim block immediately east of Gulf's property was previously held under option by Achilles Resources Ltd. and is now similarly held by Consolidated Caprock. Work in 1988 by Achilles (Kiesman and Ikona, 1989c) identified mineralized skarns in the northwest portion of the property (Ridge Showing). Two zones were defined, the North Zone along 120 metres and up to 1.2 metres wide, the South Zone along 600 metres and up to 3.0 metres wide. Silver and zinc values from grab samples range up to 2.70 oz/ton, 2.44% (North zone) and 1.85 oz/ton, 8.31% zinc (South zone). More extensive evaluation of the Ridge Showing itself and the property in general was hampered by snow cover.

Kestrel Resources Ltd. have acquired numerous claim blocks in the Iskut River area generally and in the Kerr Project area in particular. These claims were reviewed in a report prepared for Kestrel's prospectus dated August 16, 1989 (Buchholz, 1989). The report

describes mineralization hosted by veins, fractures and fault zones as well as massive sulphide skarns, all grab sampled in a cursory fashion during a preliminary evaluation of the claims. Host rocks include monzonite intrusions, limestones or their altered equivalents and volcanic rocks. Numerous samples were collected, producing elevated to anomalous gold and/or silver values. The assay values from such a broad based exploration program serve primarily to indicate the potential for varied types of mineralized environments rather than to quantify the occurrences found to date, therefore specific values are not included here. The reader is referred to Buchholz's report in the Kestrel prospectus for greater detail. Kestrel conducted an exploration program during 1989 to follow up many of the target areas outlined by Buchholz, however detailed results are not available to the author. Some of these claim holdings have recently been optioned to several parties under conditions which include substantial work commitments for 1990 (Kestrel news release, February 21, 1990).

Also of note in the Kerr Project area is Avondale Resources Incorporated's Forrest Project immediately to the southeast (Figure 3). The principals involved in the Kerr Project also staked the Forrest Project as a result of reconnaissance exploration in the general area. Unlike the Kerr Project, the Forrest Project has been the object of detailed exploration in 1989 that has identified nineteen separate occurrences, of which several will advance rapidly to the drill stage (Dewonck, 1990). Mineralization is found in

sparsely pyritic quartz stockwork, arsenopyrite bearing quartz veins, chalcopyrite bearing shears and visible gold in quartz veins, which, with the exception of the stockwork, produces significant gold, silver and/or copper values. The author is familiar with this project, having visited the property in both 1988 and 1989 and reviewed exploration work there on a continuing basis. The reader is referred to reports by Dewonck (1990) and Todoruk, Stammers, Darney and Ikona (1990) which review the extensive data available on the property. Pamicon Developments Ltd. has conducted the field programs described above for Jazzman, Kirby, Thumper, Pezgold, Achilles and Avondale.

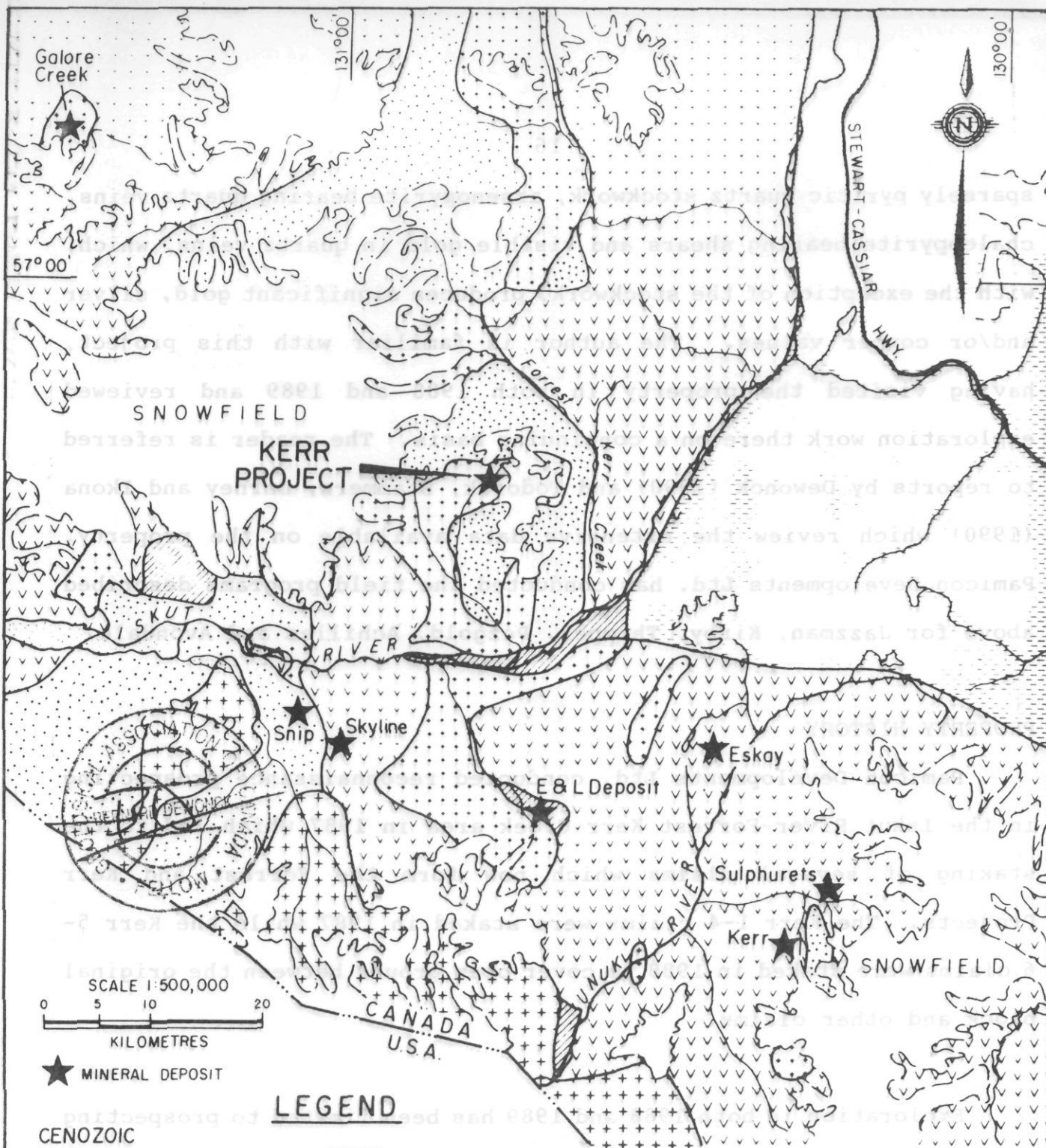
#### PROPERTY HISTORY

Pamicon Developments Ltd. conducted reconnaissance prospecting in the Iskut River-Forrest Kerr Creek area in 1987 which led to the staking of several claims which now form the Forrest and Kerr Projects. The Kerr 1-4 claims were staked in 1987 while the Kerr 5-6 claims were staked in 1988 to cover open ground between the original block and other claims.

Exploration in both 1988 and 1989 has been limited to prospecting traverses to collect rock grab samples and stream sediment samples. There is no evidence of prior exploration in the claim area.

#### REGIONAL GEOLOGY

The regional geological framework of the Stewart-Iskut-Galore area is undergoing extensive reinterpretation by both federal and



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

**OREQUEST**

CONSOLIDATED CAPROCK RESOURCES LTD.

Figure 5  
**KERR PROJECT**  
Liard Mining Division

REGIONAL GEOLOGIC SETTING

British Columbia  
NTS: 104 B/15

MARCH 1990

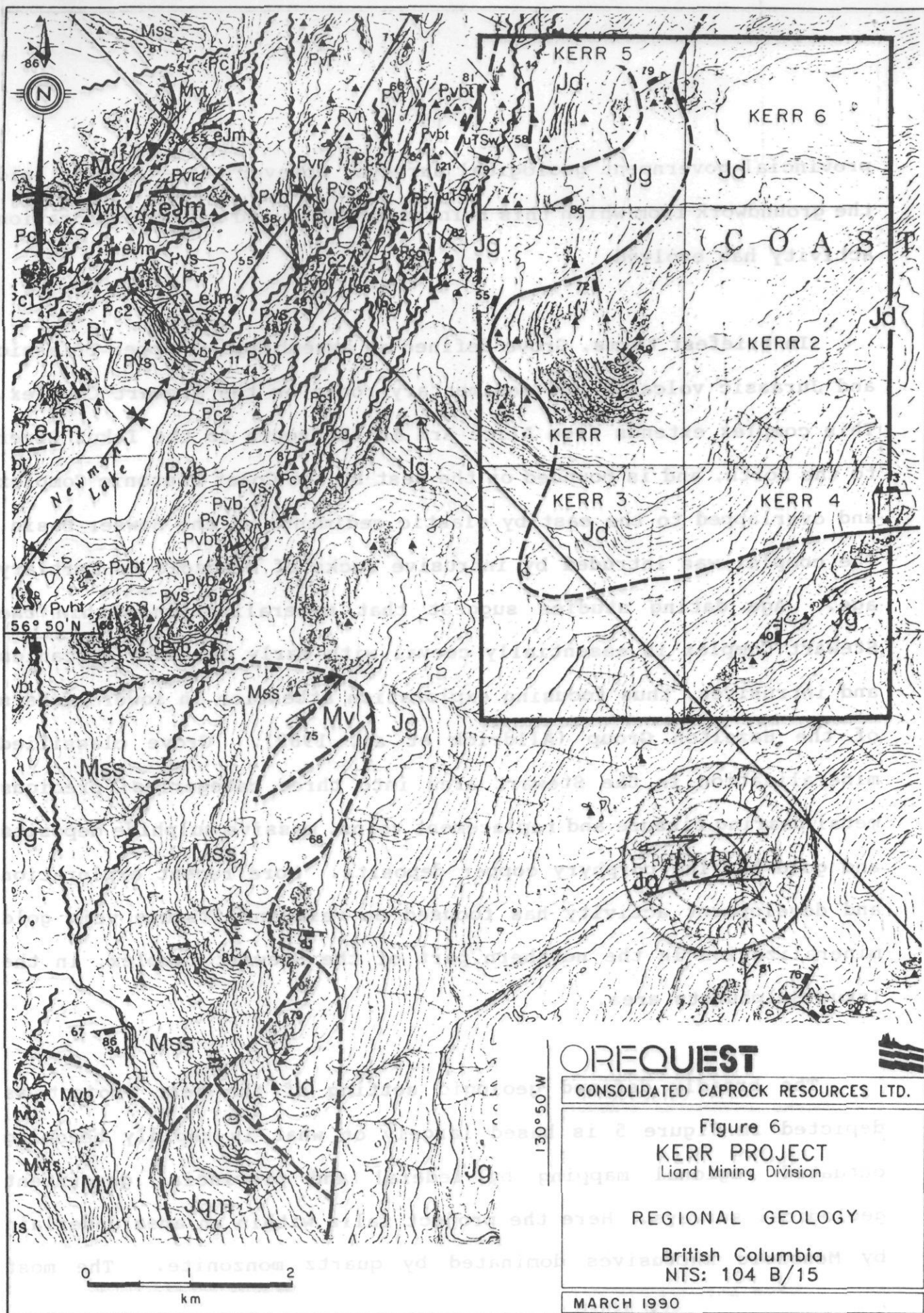
DRAFTING: RWR

provincial government geological surveys, however Grove (1986), laid the groundwork from which this reinterpretation and recent exploration activity has evolved.

In briefest terms, Grove defined an assemblage of Upper Triassic and Jurassic volcanic and sedimentary rocks as the Stewart Complex. This complex extends from Alice Arm in the south to the Iskut River to the north, and is bounded on the west by the Coast Plutonic Complex and overlapped to the east by clastic sediments of the Bowser Basin. The complex was intruded by intrusive rocks of Mesozoic to Tertiary age. Age dating studies suggest that mineralization within the Stewart Complex is essentially coeval with early Jurassic volcanics and intrusives, thus focusing exploration attention on lower members of the Hazelton Group (Alldrick et al, 1989). Grove classified mineralization in the Stewart area into three categories: precious metal bearing fissure and replacement veins, massive sulphide deposits and gold-bearing porphyry copper deposits. More recent exploration and development activity has focused on vein and fissure vein gold mineralization in the northern part of the Stewart Complex, in the Iskut-Sulphurets area.

The broadly defined geologic setting of the Kerr Project as depicted in Figure 5 is based largely on what is rapidly becoming outdated regional mapping by federal and provincial government geological surveys. Here the project falls within an area underlain by Mesozoic intrusives dominated by quartz monzonite. The most





**OREQUEST**

CONSOLIDATED CAPROCK RESOURCES LTD.

Figure 6  
**KERR PROJECT**  
 Liard Mining Division

REGIONAL GEOLOGY

British Columbia  
 NTS: 104 B/15

MARCH 1990

# LEGEND FOR FIGURE 6

NTS 104B/15 AND PART OF 104B/10

JAMES M. LOGAN, VICTOR M. KOYANAGI,  
JOHN R. DROBE

SCALE 1:50 000

## UPPER TRIASSIC STUJINI GROUP

**uTsw** TUFFACEOUS WACKE, ARGILLITE, LIMESTONE, CARBONACEOUS AND CALCAREOUS  
SILTSTONE INTERBEDDED WITH FINE GRAINED SANDSTONE AND MINOR CONGLOMERATE;  
MAROON VOLCANIC CONGLOMERATE WITH LIMESTONE CLASTS (uTswcp)

## WESTERN ASSEMBLAGE

### PERMIAN

**Pv** UNDIVIDED PERMIAN VOLCANICS AND SEDIMENTS

**Pvt** LAPILLI AND PLAGIOCLASE CRYSTALLINE TUFF, FELSIC WELDED ASH TUFF, THINLY BEDDED  
SILICEOUS LIMESTONE LENSES, PHYLITE FLOWS (Pvt), VOLCANIC SANDSTONE, SILTSTONE  
AND MAROON SHALE(?) WATER CONGLOMERATES (Pvtw)

**Pc2** ALGAL LIMESTONE, THIN LAMINATED, DARK GREY TO BLACK, LOCALLY FETID, WEATHERS  
BLUFF, PISOLITE-RICH BEDS AND CLUSPATE STACKED CONCAVE ALGAL STRUCTURES  
COMMON

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

**Pc1** BIOCLASTIC LIMESTONE WITH CHERT INTERBEDS, MEDIUM-BEDDED TO MASSIVE GREY  
BIOCLASTIC CALCARENITE AND LESSER BUFF SALTY OOLITHIC UNITS, THIN BEDDED  
SECTIONS CONTAIN BLACK TO YELLOWISH BUFF AMORPHOUS SILICA BEDS UP TO 20  
CENTIMETRES THICK, SOLITARY CORALS, FORAMINIFERA, BRIOZOAN, CRINOID AND  
VARIOUS BRACHIOPODS ARE LOCALLY ABUNDANT

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

### MISSISSIPPIAN - PENNSYLVANIAN

**Mss** SILTSTONE-SANDSTONE TURBIDITES AND LESSER CHERTS

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

**Mv** UNDIVIDED VOLCANICS

**Mvt** MAFIC TO INTERMEDIATE SUBVOLCANIC LAPILLI TUFF; SILICEOUS DUST TUFFS AND  
EPICLASTICS (Mvt); INTERMEDIATE TO FELSIC ASH FLOW AND WELDED TUFFS (Mvt)

## INTRUSIVE ROCKS

### JURASSIC AND YOUNGER(?)

**Jg** BIOTITE GRANITE: PINK, COARSE TO MEDIUM GRAINED, EQUIGRANULAR TO 'QUARTZ EYE'  
PORPHYRITIC, LESS COMMONLY HORNBLENDE IS THE MAFIC CONSTITUENT, QUARTZ  
EXCEEDS 30 PERCENT, QUARTZ RICH PHASES (50 PER CENT) ARE SPATIALLY RELATED TO  
FAULT STRUCTURES

**Jd** HORNBLENDE DIORITE, HORNBLENDE QUARTZ DIORITE; HORNBLENDE IS CHLORITIC AND  
COMPRISES MORE THAN 40 PERCENT OF THE ROCK.

### EARLY JURASSIC

**eJm** HORNBLENDE-PLAGIOCLASE-PORPHYRITIC MONZONITE; OCCURS AS DYKES, SILLS AND  
PLEDS CHARACTERIZED BY A REMARKABLE GROUNDMASS ALTERED WITH PINK SUBHEDRAL TO  
EUMEDIAL PLAGIOCLASE (UP TO 30 PERCENT) AND HORNBLENDE CRYSTALS, TRACHYTIC  
TEXTURES ARE COMMON, STRONGLY MAGNETIC.

## MAP SYMBOLS

Geological contact (defined, approximate, assumed) .....	-----
Unconformable contact (defined, assumed) .....	-----
Bedding (horizontal, inclined, overturned) .....	X 30° 30°
Foliation .....	20°
Fault (observed, inferred) .....	~~~~~
Thrust or high angle reverse fault (defined, assumed) .....	~~~~~
Anticline (direction of plunge indicated) .....	↑
Syncline (direction of plunge indicated) .....	↓
Minor fold axis .....	30°
Joint .....	30°
Dyke .....	30°
Vein .....	30°
Outcrop visited .....	▲

recently released regional mapping the project area was conducted by the British Columbia Ministry of Energy Mines and Petroleum Resources (Open File Map 1990-2; Logan, Koyanagi and Drobe). A portion of this map appears as Figure 6, on which the Kerr Project outline has been added. Again, essentially all of the property is indicated to be underlain by intrusives, which are more specifically defined as Jurassic and younger (?) biotite granite and hornblende diorite to quartz diorite. A structurally complex assemblage of Paleozoic volcanics and sediments which includes carbonaceous units is mapped to the west and southwest of the Kerr Project, in both intrusive and fault contact with the intrusive bodies. Very little of the Kerr property itself has been traversed in detail during the course of this regional mapping, allowing ample opportunity to improve the geological picture with data that would be gathered during detailed exploration. The assigned age of the intrusives is important to note in view of the postulated lower Jurassic mineralizing event that characterizes the Stewart Complex. While the Kerr Project lies outside the presently defined confines of the Complex itself, in reviewing the Forrest Project it has already been suggested that the age of the host rock may be less important than that of the intrusive event (Dewonck, 1990) if it is coeval with and related to a major event within the Complex.

#### PROPERTY GEOLOGY AND MINERALIZATION

Minimal geological mapping has been carried out on the Kerr Project. Work to date comprises reconnaissance prospecting and stream ediment sampling. Locations of all samples collected to date by

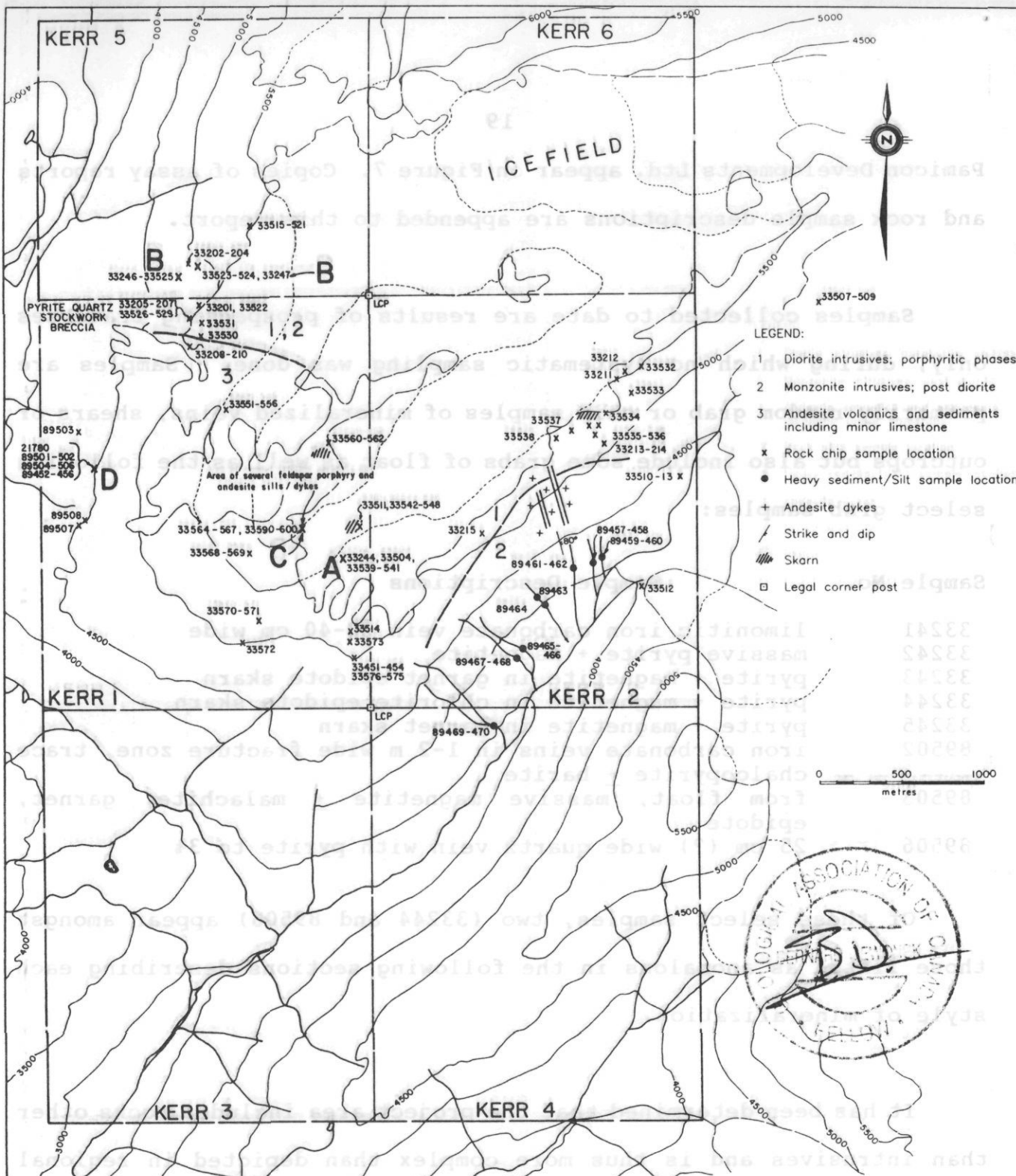
Pamicon Developments Ltd. appear on Figure 7. Copies of assay reports and rock sample descriptions are appended to this report.

Samples collected to date are results of prospecting traverses only, during which no systematic sampling was done. Samples are primarily random grab or chip samples of mineralized veins, shears or outcrops but also include some grabs of float as well as the following select grab samples:

Sample No.	Sample Descriptions
33241	limonitic iron carbonate vein 30-40 cm wide
33242	massive pyrite + magnetite
33243	pyrite + magnetite in garnet epidote skarn
33244	pyrite + magnetite in chlorite epidote skarn
33245	pyrite + magnetite in garnet skarn
89502	iron carbonate veins in 1-2 m wide fracture zone, trace chalcopyrite <u>±</u> barite
89503	from float, massive magnetite <u>±</u> malachite, garnet, epidote
89506	25 cm (?) wide quartz vein with pyrite to 3%

Of these select samples, two (33244 and 89506) appear amongst those listed as anomalous in the following sections describing each style of mineralization.

It has been determined that the project area includes rocks other than intrusives and is thus more complex than depicted in regional mapping. The following descriptions and results, taken from reports prepared by Pamicon Developments Ltd., summarizes their field work in 1988 (Todoruk and Ikona, 1989a) and 1989 (Todoruk and Ikona, 1990).



#### ANOMALOUS SAMPLES

	SAMPLE TYPE	SAMPLE No.	Cu (ppm)	Zn (ppm)	Sb (ppm)	As (ppm)	Ag (oz/t)	Au (oz/t)
A	MAGNETITE/PYRITE/ CHALCOPYRITE SKARN	33244	3,249	50,666	ND	213	29.5	60
		33504	63,327	170	13	58	23.2	605
		33541	3,185	3,661	ND	827	38.9	10
B	AURIFEROUS PYRITE QUARTZ VEINS	33524	144	262	ND	4	10.7	0.040
		33525	633	5,942	ND	6	21.8	0.076
		33247	61	206	ND	ND	22.2	0.076
C	Ag/Au BEARING TETRAHEDRITE/CHALCOPYRITE QUARTZ VEINS	33564	11,987	1,439	8,158	1,009	>100	9.51
		33590	54,804	3,858	27,454	3,568	>100	22.69
		33592	22,134	1,788	11,748	1,243	>100	4.24
D	AURIFEROUS PYRITE QUARTZ VEINS	33593	14,682	103	9,806	1,022	>100	3.75
		21780	87	15	ND	ND	58.8	0.726
		89504	65	4	<5	35	50.0	0.326
		89506	201	10	<5	25	77.2	0.292
		89508	283	6	<5	50	39.2	1,500
		89453	256	6	<5	40	109.5	1,060

AFTER PAMICON DEVELOPMENTS LIMITED

#### OREQUEST

CONSOLIDATED CAPROCK RESOURCES LTD.

Figure 7  
KERR PROJECT  
Liard Mining Division  
ROCK AND HEAVY  
SEDIMENT/SILT SAMPLE  
LOCATION MAP  
British Columbia  
NTS: 104 B/15

JUNE 1990

Drafting: RWR

Andesitic volcanics with interbedded limestone and clastics appear to underlie 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 and syenitic (feldspar porphyry) composition intrude the volcanic sediments throughout the property. The known mineralization is often found proximal to several of the intrusives.

Figure 7 presents the geology as understood to date.

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
- auriferous pyrite quartz veining

#### Magnetite/Pyrite/Chalcopyrite Skarn

Skarn pods mineralized with magnetite/pyrite/chalcopyrite have been identified and sampled on the Kerr 1 and 2 claims (Figure 7) with similar occurrences within the Kerr 5 and 6 claims reported by Pamicon prospectors (Todoruk, personal comm.). Skarned and mineralized pods measuring 3 to 7.5 metres long have been found to occur around the entire ridge which transects the Kerr 1 and 6 claims. On the west side of this hill, a flat-lying skarned limestone unit hosting



magnetite/pyrite/chalcopyrite mineralization was noted by prospectors. The limestone may trend through the hill near the centre of the claims where skarn mineralization was sampled. In this area, mineralization is usually hosted within volcanic sediments. Sills and/or dykes of intermediate composition intrude these rocks. Anomalous assay values obtained from these skarn style showings are listed below:

Sample No.	Au ppb	Ag ppm	Cu ppm	Zn ppm	Sample Description
33244	60	29.5	3,249	50,666	select grab: skarned limestone band
33504	605	23.2	63,327	--	grab: massive py/cpy/mag. zone
33541	10	38.9	3,185	3,661	grab: chalcopyrite in small shears 6-8 cm x 3-4 m/

#### Pyrite Quartz Stockwork Breccia

In the north central area of the Kerr 1 claim, north and west of where the skarned limestone described above is located, a quartz stockwork breccia zone measuring greater than 100 metres in diameter has been identified. Open space vugs within the breccia vary in size up to at least 10 x 25 cm and are usually completely infilled with medium to coarse grained pyrite. Outcrop is generally limonitic. This feature is not unlike the much larger stockwork system evident on the Forrest Project, where it is viewed as an indicator of a substantial hydrothermal event which may have generated the numerous occurrences identified to date (Dewonck, 1990).

### Silver/Gold Bearing Tetrahedrite/Chalcopyrite Quartz Veins

These quartz veins are located near the east central area of the Kerr 1 claim uphill from several skarn pods. The veins appear to cut the volcanic sediments. Several intermediate and feldspar porphyry dykes/sills are located in this immediate area. At least one of the mineralized veins has been followed for approximately 75 metres along strike with widths varying up to 80 cm. Mineralization consists mainly of tetrahedrite with lesser amount of chalcopyrite, malachite and azurite. Associated anomalous values in arsenic and antimony are reported. Anomalous values are listed below:

Sample No.	Cu ppm	Sb ppm	Au ppm	Ag ppm	oz/t	Sample Descriptions
33564	11,987	8,156	300	>100	9.51	grab: malachite, cpy + arsenopy in quartz breccia
33590	54,604	27,454	650	>100	22.69	grab (float): chalcocite, tetrahedrite and chalcopyrite in quartz vein
33592	22,134	11,748	300	>100	4.24	grab: quartz vein breccia with chalcocite, tetrahedrite, chalcopyrite in andesite
33593	14,882	9,806	685	>100	3.75	as above.

### Auriferous Pyrite Quartz Veining

Several subparallel quartz veins containing pyrite mineralization with associated gold values occur within a diorite intrusive in the south central part of the Kerr 5 claim. Vein widths vary between 10 and 20 cm. Individual quartz veins are spaced approximately 50 cm apart. Assay values of interest from grab samples are listed below:



Sample No.	Au oz/t	Sample Descriptions
33524	0.040	grab: pyritic quartz vein 5-10 cm wide
33525	0.076	grab: quartz vein in diorite hosted shear (.2 x 25m)
33247	0.076	resample of 33524.

Quartz vein material with disseminated pyrite discovered in the northwest corner of the Kerr 1 claim along the western claim line hosts anomalous gold and silver values. Assay results of this sample are:

Sample No.	Ag ppm	Au oz/t	Sample Descriptions
21780	58.8	0.726	grab: massive, dark grey quartz lens with disseminated pyrite in syenite-monzonite hosted fracture.

The sample was reported on and described in Kiesman and Ikona's report on the Gab 7, 8 and 10 claims for Pezgold Resource Corp. (1989a) as its location was first thought to be within this property. Follow up work in 1989 determined that it was in fact within the Kerr Project area, as plotted on Figure 7.

The veining occurs within a large syenite-quartz monzonite stock mapped in the area. Similarly mineralized quartz veining occurs on properties to the southwest where a vein has been traced for approximately 400 to 500 metres with widths up to 2.0 metres. Results include grab samples up to 2.893 oz/ton gold and a chip sample grading 1.83 oz/ton gold across 1.05 metres.

During the limited program on the Kerr Project conducted in 1989, rock chip sampling was only carried out to follow up the quartz pyrite vein on the Kerr 1 claim from which sample 21780 was obtained. 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 No.	Ag ppm	Au ppb	oz/ton	Sample Descriptions
89504	50.0	--	0.326	grab: 10-30 cm wide limonitic quartz vein, minor pyrite
89506	77.2	--	0.292	select grab: pyritic, limonitic quartz vein, + 25 cm wide
89508	39.2	1,500	--	grab (float): similar to aboe vein samples
89453	109.5	--	1.060	grab (float): quartz with ~ 3% pyrite.

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 claim. Anomalous values of 80 and 170 ppb gold were obtained from heavy sediment sample number 89458 and 89466, respectively (Figure 7).

#### CONCLUSIONS AND RECOMMENDATIONS

The Kerr Project comprises the Kerr 1-6 mineral claims in the Iskut River area of northwestern British Columbia. The area in general is currently the focus of extensive exploration for precious metal deposits on numerous claim blocks. Several showings have been evaluated in the immediate project area, where precious metal and base metal values are recorded in skarns and/or altered carbonates, quartz and/or quartz-carbonate veins, fracture fillings and fault zones.

The most advanced projects nearby belong to Gulf International Minerals Ltd. who plan to proceed with underground development in 1990, and Avondale Resources Incorporated, whose Forrest Project has a recommended 1990 exploration program including mapping, sampling, trenching and drilling estimated to cost \$1,500,000. The Kerr Project has its beginnings in the same reconnaissance program which led to creation of the Forrest Project however the latter has been explored much more intensely and therefore is more advanced. Exploration programs conducted on behalf of others in the immediate project area have produced erratic results however recommendations have been made to pursue these projects further to more extensively evaluate geologically favourable target areas.

Quartz stockworks are a feature common to both the Kerr and Forrest projects, albeit more prominent on the latter, however both are postulated to be indicative of a significant hydrothermal event which may have been the source of the numerous showings identified to date. The suggested age of intrusives in both project areas (Lower Jurassic) is also a positive factor in view of conclusions drawn that a major mineralizing event occurred during the Lower Jurassic, related to intrusive activity. Exploration successes to date have occurred primarily within the Stewart Complex, an assemblage of Upper Triassic to Middle Jurassic volcanics and sediments, however the number of mineral occurrences identified in older rocks is encouraging.

The Kerr Project has received only minimal exploration, primarily in the form of reconnaissance prospecting and rock grab sampling. The work has, however, indicated that the property is underlain by more complex geology than that outlined by regional mapping. In addition to Jurassic (?) intrusives andesitic volcanics with interbedded limestone and clastics have been identified.

Four styles of mineralization have been defined to date:

1. magnetite/pyrite/chalcopyrite skarn mineralization
2. pyrite quartz stockwork breccia mineralization
3. silver/gold bearing tetrahedrite/chalcopyrite/malachite/  
azurite quartz veining
4. auriferous pyrite quartz veining

The first style has produced anomalous silver, copper and zinc values, the third copper, antimony and silver values with weak gold and the fourth anomalous gold and silver, including float samples assaying up to 1.060 oz/ton gold.

The Kerr Project is essentially at the same stage as was the Forrest Project in 1988 - several mineral occurrences of varied styles in unmapped territory, lacking systematic evaluation. Exploration successes evident throughout the Iskut River area, many after several seasons of perseverance, indicate that the Kerr property warrants further work.

A Phase I program of detailed mapping and systematic sampling, grid controlled where possible, is recommended for the known occurrences. In conjunction with this work the rest of the project area should be systematically prospected.

Costs for this program are estimated at \$75,000. A Phase II program, contingent on positive results from Phase I, would include trenching of primary targets, magnetic and VLF-EM surveys (to trace skarn deposits and vein/structurally controlled sulphide occurrences respectively) as well as follow up sampling and mapping of any new discoveries. Provision is made in this phase for a limited drill program however these funds should be used for additional trenching or other groundwork if more useful information can be obtained in this manner. A budget of \$100,000 is allocated for Phase II.

#### BUDGET ESTIMATE

##### Phase I

Mobilization/Demobilization	\$ 6,000
Field Costs (Labour, Camp)	33,000
Support Costs (Fixed Wing, Helicopter, Freight, Expediting)	15,000
Assays	5,000
Report	4,000
Administration Fee on Disbursements @ 15%	5,200
Contingency @ 10%	6,800
Total Phase I	<u>\$75,000</u>

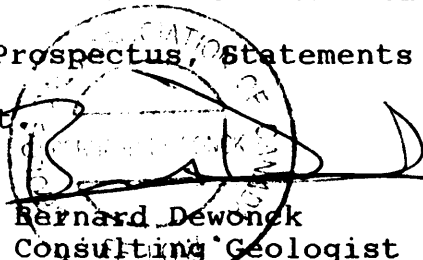
##### Phase II

Mobilization/Demobilization	\$ 6,000
Field Costs (Labour, Camp)	22,000
Support Costs (Fixed Wing, Helicopter, Freight, Expediting)	15,000
Equipment Rentals, Trenching Supplies	2,000
Assays	8,000
Diamond Drilling 200 m @ \$100/m (contract costs only)	20,000
Report	10,000
Administration Fee on Disbursements @ 15%	8,000
Contingency @ 10%	9,000
Total Phase II	<u>\$100,000</u>

CERTIFICATE of QUALIFICATIONS

I, Bernard Dewonck, of 11931 Dunford Road, Richmond, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1974) and hold a BSc. degree in geology.
2. I am an independent consulting geologist retained by OreQuest Consultants Ltd. of #306-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies since graduation.
4. I am a Fellow of the Geological Association of Canada.
5. I am a member of the Canadian Institute of Mining and Metallurgy.
6. This report is based on a review of information listed in the Bibliography, a review of currently available field data and familiarity with the general project area gained during property examinations of the Forrest Project of Avondale Resources Inc., as well as supervision of numerous exploration projects in the Iskut River area in 1988 and 1989. I visited the property on June 18, 1990.
7. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property or in the securities of Consolidated Caprock Resources Ltd.
8. I consent to and authorize the use of the attached report and my name in the Companies' Prospectus, Statements of Material Facts or other public document.

  
Bernard Dewonck  
Consulting Geologist

DATED at Vancouver, British Columbia, this 22nd day of June, 1990.

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**APPENDIX I**  
**ASSAY CERTIFICATES**



## VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

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

REPORT NUMBER: 881417 6A

JOB NUMBER: 881417

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au ppb
/ 33241	15
/ 33242	140
/ 33243	110
/ 33244	60
/ 33245	300
/ 33246	340
/ 33247	2600

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1989 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

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

REPORT NUMBER: 881417 AA

JOB NUMBER: 881417

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #

Au  
oz/st

33247

.076

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: \_\_\_\_\_

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEX: 04-352578  
BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)254-5717

## ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON  
ATTENTION: S. TODORUK  
PROJECT: *Kerr*

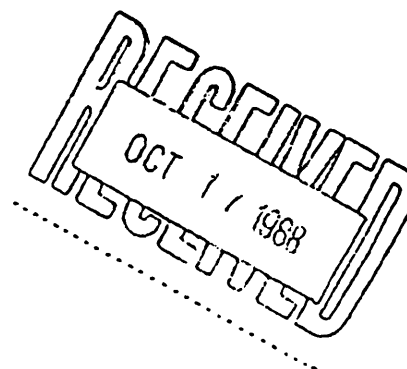
REPORT#: 881417PA  
JOB#: 881417  
INVOICE#: 881417NA

DATE RECEIVED: 88/09/21  
DATE COMPLETED: 88/10/14  
COPY SENT TO:

ANALYST *[Signature]*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
33241	.1	.55	ND	ND	23	ND	16.06	.1	11	77	19	3.06	2.31	2.31	2527	1	.01	27	.01	15	ND	ND	ND	ND	96	ND	ND	29
33242	13.6	.22	1055	ND	5	7	.98	4.2	310	32	4726	23.09	.90	.25	871	6	.07	19	.01	40	ND	ND	ND	ND	3	ND	ND	757
33243	1.5	.29	52	ND	5	5	.85	3.1	301	18	914	15.97	.64	.24	504	4	.04	24	.03	17	ND	ND	ND	ND	3	ND	ND	79
33244	29.5	.59	213	ND	8	3	1.32	173.1	293	49	3249	5.30	.36	.70	540	24	1.26	58	.06	805	ND	ND	ND	3	32	ND	330	50666
33245	2.9	.19	200	ND	3	5	1.54	7.3	457	27	3485	19.19	.83	.10	730	6	.07	14	.01	31	ND	ND	ND	ND	1	ND	ND	1382
33246	4.4	.38	5	ND	18	ND	.17	.6	19	127	124	2.14	.09	.36	254	1	.01	6	.01	14	ND	ND	ND	ND	1	ND	ND	271
33247	22.2	.30	ND	ND	7	3	.02	1.2	24	80	61	6.50	.20	.31	120	9	.02	11	.01	23	ND	ND	ND	ND	1	ND	ND	206
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1





# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881342 GA

JOB NUMBER: 881342

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #

33455

Au  
ppb  
30

DETECTION LIMIT

nd = none detected

5

-- = not analysed

is = insufficient sample

# ANALOCHEM LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEX: 04-352578  
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)254-5717

## ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON  
ATTENTION: S. TODORUK  
PROJECT: KERR

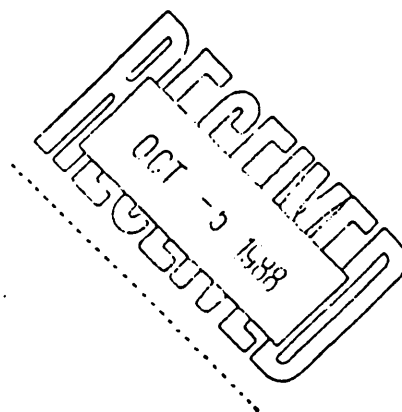
REPORT#: 881342PA  
JOB#: 881342  
INVOICE#: 881342NA

DATE RECEIVED: 88/09/13  
DATE COMPLETED: 88/10/05  
COPY SENT TO:

ANALYST *W. J.*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL I	AS PPM	AU PPM	BA PPM	BI PPM	CA I	CD PPM	CO PPM	CR PPM	CU PPM	FE I	K I	MG I	MN PPM	MO PPM	NA I	NI PPM	P I	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
33455	.4	1.06	7	ND	19	ND	1.09	.8	11	116	1021	2.15	.29	.10	411	4	.01	6	.03	18	ND	ND	ND	1	91	ND	ND	19
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1





# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5 3S3  
(604) 251-5656 FAX: 254-57178

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

REPORT NUMBER: 881310 GA

JOB NUMBER: 881310

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au
	ppb
✓ 33216	nd
✓ 33217	40
✓ 33218	nd
✓ 33219	nd
✓ 33220	nd
✓ 33221	nd
✓ 33222	nd
✓ 33223	nd
✓ 33224	nd
✓ 33225	nd
✓ 33226	nd
✓ 33227	nd
✓ 33228	nd
✓ 33229	nd
✓ 33230	40
✓ 33231	20
✓ 33232	20
✓ 33233	10
✓ 33234	15
✓ 33235	10
✓ 33236	10
✓ 33237	nd
✓ 33238	nd
✓ 33239	10
✓ 33240	nd
✓ 33549	10
✓ 33550	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

# ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON  
ATTENTION: S. TODORUK  
PROJECT: KERR

REPORT#: 881310PA  
JOB#: 881310  
INVOICE#: 881310NA

DATE RECEIVED: 88/09/09  
DATE COMPLETED: 88/10/04  
COPY SENT TO:

ANALYST: *[Signature]*

PAGE 1 OF 1

SAMPLE NAME	AG PPH	AL I	AS PPH	AU PPH	BA PPH	BI PPH	CA I	CD PPH	CO PPH	CR PPH	CU PPH	FE I	K I	MG I	MN PPH	MO PPH	NA I	NI PPH	P I	PB PPH	PD PPH	PT PPH	SB PPH	SM PPH	SR PPH	U PPH	V PPH	ZA PPH
33216	.5	.11	22	ND	183	3	.03	1.3	8	118	182	7.03	.80	.03	96	124	.01	18	.01	30	ND	ND	ND	3	6	ND	ND	18
33217	.9	.25	11	ND	150	7	.01	1.5	7	144	495	8.21	.85	.04	76	28	.01	5	.01	78	ND	ND	ND	4	8	ND	ND	15
33218	.3	.18	9	ND	17	5	2.19	1.3	36	75	404	6.91	1.01	.62	1011	7	.01	10	.01	19	ND	ND	ND	3	14	ND	ND	18
33219	.1	.29	5	ND	11	3	.17	.8	23	85	220	5.53	.55	.18	259	45	.01	8	.01	17	ND	ND	ND	3	3	ND	ND	22
33220	.1	.25	10	ND	14	ND	.25	.1	10	140	78	2.32	.20	.09	142	8	.01	4	.01	14	ND	ND	ND	1	5	ND	ND	14
33221	.1	.14	8	ND	15	ND	.11	.5	20	110	160	4.62	.49	.12	155	21	.01	6	.01	13	ND	ND	ND	2	2	ND	ND	16
33222	.1	.07	8	ND	32	ND	.09	.2	11	160	101	2.69	.28	.02	126	4	.01	5	.01	14	ND	ND	ND	1	1	ND	ND	7
33223	.1	.12	7	ND	70	ND	.02	.1	3	208	41	2.24	.23	.08	87	43	.01	5	.01	11	ND	ND	ND	1	1	ND	ND	14
33224	.1	.07	8	ND	23	ND	.04	.2	7	108	86	2.77	.31	.02	96	15	.01	3	.01	10	ND	ND	ND	1	3	ND	ND	6
33225	.1	.02	6	ND	16	ND	.01	.1	4	105	52	1.72	.25	.01	89	3	.01	8	.01	8	ND	ND	ND	1	1	ND	ND	7
33226	.1	.02	8	ND	11	ND	.15	.1	7	229	150	2.43	.21	.06	245	9	.01	8	.01	9	ND	ND	ND	ND	1	ND	ND	6
33227	.1	.02	8	ND	20	ND	.02	.1	9	184	72	1.98	.13	.01	87	1	.01	6	.01	13	ND	ND	ND	1	ND	ND	ND	6
33228	.1	.98	9	ND	24	3	.06	.8	11	163	85	4.86	.49	.95	771	13	.01	7	.01	23	ND	ND	ND	3	2	ND	ND	162
33229	.1	.73	9	ND	58	ND	.12	.3	9	104	424	2.96	.27	.71	694	20	.01	8	.02	18	ND	ND	ND	2	3	ND	ND	122
33230	.3	.46	11	ND	54	ND	.07	5.5	6	110	1549	1.62	.14	.26	182	15	.03	11	.01	15	ND	ND	ND	1	2	ND	ND	1486
33231	.1	.11	8	ND	8	3	.01	.8	7	222	112	5.27	.57	.03	47	68	.01	9	.01	13	ND	ND	ND	2	2	ND	ND	89
33232	.1	.33	7	ND	24	ND	.02	.1	4	177	83	2.45	.22	.25	202	5	.01	6	.01	16	ND	ND	ND	1	1	ND	ND	51
33233	.1	.30	7	ND	27	4	.01	.8	8	108	313	6.24	.66	.15	121	15	.01	8	.01	17	ND	ND	ND	2	1	ND	ND	30
33234	1.6	1.82	13	ND	11	7	.23	1.3	17	66	553	5.32	.54	1.69	2212	4	.02	12	.13	36	ND	ND	ND	10	13	ND	ND	436
33235	.1	.17	ND	ND	53	4	.01	1.3	13	88	138	6.96	.76	.06	337	46	.01	3	.03	15	ND	ND	ND	2	2	ND	ND	26
33236	.3	.99	8	ND	19	5	.14	2.5	29	165	668	6.18	.68	.97	758	11	.02	48	.01	27	ND	ND	ND	3	3	ND	ND	541
33237	.5	.17	11	ND	145	ND	.02	.8	8	178	237	4.82	.48	.05	164	23	.01	8	.01	15	ND	ND	ND	2	4	ND	ND	59
33238	.1	.73	8	ND	9	5	.16	1.3	20	151	220	6.28	.70	.77	614	14	.01	10	.01	22	ND	ND	ND	3	5	ND	ND	141
33239	.5	2.80	9	ND	188	7	.90	1.8	22	50	138	5.74	.65	2.47	3070	3	.02	22	.13	47	ND	ND	ND	7	20	ND	ND	579
33240	.1	.11	5	ND	49	ND	.11	.1	12	223	78	2.18	.22	.08	374	5	.01	7	.01	8	ND	ND	ND	1	8	ND	ND	33
33549	.1	.06	13	ND	13	ND	.90	.6	11	96	283	3.66	.47	.35	799	83	.01	5	.01	12	ND	ND	ND	1	40	ND	ND	13
33550	.3	.83	25	ND	18	3	.06	1.1	11	91	214	5.52	.60	.76	246	65	.01	6	.01	24	ND	ND	ND	4	6	ND	ND	67
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

RECEIVED  
OCT - 5 1988  
RECEIVED





# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881270 AA

JOB NUMBER: 881270

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #

Au  
oz/st

33524

.040

33525

.076

DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.005

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: \_\_\_\_\_



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881270 GA

JOB NUMBER: 881270

PAMICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au
✓ 33201	ppb
✓ 33202	nd
✓ 33203	250
✓ 33204	240
✓ 33205	260
✓ 33206	40
✓ 33207	60
✓ 33208	10
✓ 33209	60
✓ 33210	10
✓ 33211	30
✓ 33212	nd
✓ 33213	nd
✓ 33214	nd
✓ 33215	nd
✓ 33522	150
✓ 33523	390
✓ 33524	1310
✓ 33525	2700
✓ 33526	70
✓ 33527	60
✓ 33528	20
✓ 33529	70
✓ 33530	30
✓ 33531	10
✓ 33537	nd
✓ 33538	10
✓ 33539	nd
✓ 33540	60
✓ 33541	10
✓ 33542	nd
✓ 33543	nd
✓ 33544	80
✓ 33545	140
✓ 33546	nd
✓ 33547	190
✓ 33548	20

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

## ANOMALOUS RESULTS:

FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604) 251-5656 TELEX: 04-352578  
BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604) 251-7282 FAX: (604) 254-5717

## ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 100 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR SN, HM, FE, CA, P, CR, HG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PB DETECTION IS 3 PPM.  
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

RECEIVED  
SEP 28 1988  
ANALYST

COMPANY: PAMICON  
ATTENTION: S. TODORUK  
PROJECT: KERR

REPORT#: 881270PA  
JOB#: 881270  
INVOICE#: 881270NA

DATE RECEIVED: 88/09/07  
DATE COMPLETED: 88/09/28  
COPY SENT TO:

ANALYST

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SH PPM	SR PPM	U PPM	W PPM	ZN PPM	
33201	.1	1.30	8	ND	11	ND	18.23	2.6	16	10	75	4.46	.24	3.22	2617	2	.02	12	.01	34	ND	ND	ND	1	126	ND	ND	938
33202	14.2	2.47	15	ND	59	ND	1.12	5.7	34	139	13573	5.74	.18	2.18	1273	9	.01	12	.01	47	ND	ND	ND	6	20	ND	ND	387
33203	2.7	.60	3	ND	38	ND	.05	.6	15	135	622	5.65	.01	.39	331	25	.01	5	.01	20	ND	ND	ND	2	ND	ND	ND	66
33204	3.8	.13	ND	ND	19	ND	.04	.2	8	98	163	3.77	.01	.04	142	36	.01	2	.01	13	ND	ND	ND	1	ND	ND	ND	26
33205	3.8	3.38	10	ND	55	ND	1.05	1.6	28	154	3493	5.79	.15	2.87	1779	9	.01	15	.04	52	ND	ND	ND	7	27	ND	ND	263
33206	.3	1.24	4	ND	13	ND	1.46	1.1	16	156	139	6.10	.20	.98	854	4	.01	11	.01	28	ND	ND	ND	2	18	ND	ND	92
33207	.1	1.49	6	ND	39	ND	1.94	.7	26	154	169	4.59	.24	1.65	1162	2	.01	13	.01	29	ND	ND	ND	2	22	ND	ND	114
33208	1.1	.71	5	ND	12	3	10.85	3.1	136	31	3179	16.32	.31	.14	1886	4	.02	14	.01	37	ND	ND	ND	4	12	ND	ND	17
33209	.5	.81	ND	ND	11	4	4.84	3.1	50	36	805	18.10	.33	.20	1100	5	.02	4	.01	33	ND	ND	ND	6	26	ND	ND	21
33210	2.2	.70	16	ND	42	ND	7.83	1.1	91	42	1348	8.77	.36	.08	1430	3	.01	13	.01	51	ND	ND	ND	4	15	ND	ND	12
33211	.1	.32	ND	ND	7	ND	1.33	2.1	37	127	102	11.18	.18	.24	291	4	.01	5	.01	26	ND	ND	ND	3	10	ND	ND	8
33212	.1	.70	ND	ND	404	ND	5.06	.1	5	14	30	2.06	.37	.63	1896	1	.01	3	.01	25	ND	ND	ND	2	409	ND	ND	26
33213	.1	3.35	ND	ND	1492	ND	1.36	1.1	14	100	1706	5.92	.23	2.09	2786	7	.01	4	.17	53	ND	ND	ND	4	67	ND	ND	176
33214	.5	4.26	8	ND	379	ND	.88	1.6	17	82	4118	8.27	.16	2.22	3449	5	.01	7	.07	65	ND	ND	ND	5	18	ND	ND	213
33215	.1	2.82	19	ND	22	ND	.53	2.1	24	37	701	6.20	.11	2.67	1076	5	.01	10	.06	53	ND	ND	ND	3	12	ND	ND	288
33522	3.4	1.11	17	ND	20	ND	.63	.6	313	206	1587	5.08	.12	.31	138	11	.01	109	.01	32	ND	ND	ND	3	58	ND	ND	22
33523	6.2	.21	5	ND	38	4	.03	.7	18	177	89	5.65	.02	.10	155	17	.01	6	.01	21	ND	ND	ND	1	3	ND	ND	35
33524	10.7	.56	4	ND	25	3	.07	3.3	17	228	144	4.46	.02	.45	144	15	.01	12	.01	32	ND	ND	ND	2	6	ND	ND	262
33525	21.8	.22	6	ND	9	4	.22	115.1	15	116	633	4.29	.04	.21	162	9	.11	8	.01	22	ND	ND	ND	2	1	ND	ND	5942
33526	1.4	1.95	7	ND	76	ND	.97	3.4	19	230	104	3.69	.16	1.63	934	30	.01	11	.02	36	ND	ND	ND	5	12	ND	ND	283
33527	.1	.74	3	ND	23	ND	3.49	1.1	46	131	663	6.39	.34	.58	940	2	.01	23	.01	25	ND	ND	ND	2	31	ND	ND	58
33528	.1	1.60	7	ND	61	ND	1.68	.2	13	145	61	3.34	.25	1.28	947	5	.01	9	.04	30	ND	ND	ND	2	15	ND	ND	116
33529	.1	.26	3	ND	31	ND	1.75	.6	26	98	164	4.76	.25	.96	639	2	.01	11	.04	15	ND	ND	ND	2	20	ND	ND	34
33530	3.1	.19	ND	ND	7	6	.10	1.4	137	210	16	9.11	.03	.05	53	23	.02	6	.01	19	ND	ND	ND	3	1	ND	ND	11
33531	.1	1.40	ND	ND	58	ND	4.12	.1	14	159	50	3.46	.35	1.15	1592	7	.01	8	.01	26	ND	ND	ND	2	36	ND	ND	94
33537	.1	.06	ND	ND	313	ND	.34	.1	1	6	5	.17	.07	.03	168	ND	.01	ND	.01	6	ND	ND	ND	ND	879	ND	ND	9
33538	.5	1.22	5	ND	32	ND	.76	.1	28	79	873	2.43	.12	.19	168	3	.01	7	.05	26	ND	ND	ND	2	138	ND	ND	17
33539	1.2	.69	29	ND	7	ND	.84	1.3	98	123	910	5.97	.14	.51	205	16	.02	760	.28	24	ND	ND	ND	5	23	ND	ND	111
33540	3.8	1.12	12	ND	39	ND	.52	2.3	47	135	3213	3.28	.10	.54	193	36	.01	188	.06	30	ND	ND	ND	4	35	ND	ND	203
33541	38.9	1.59	827	ND	129	ND	12.81	18.6	49	44	3185	6.00	.33	3.71	3189	9	.08	46	.02	468	ND	ND	ND	4	79	ND	ND	3661
33542	1.1	.45	27	ND	204	ND	3.87	.6	20	65	4747	3.29	.36	1.60	941	1	.01	16	.01	28	ND	ND	ND	2	67	ND	ND	152
33543	.1	1.88	14	ND	74	ND	10.61	2.1	11	33	1599	8.86	.37	.43	4826	3	.01	1	.01	43	ND	ND	ND	6	12	ND	ND	152
33544	1.1	.17	73	ND	4	8	.82	5.7	663	59	752	36.31	.07	.10	536	12	.05	24	.01	38	ND	ND	ND	9	1	ND	ND	25
33545	3.2	.66	50	ND	6	7	3.41	5.5	123	74	10111	27.30	.28	.09	2994	8	.04	13	.01	51	ND	ND	ND	9	1	ND	ND	107
33546	.3	1.11	9	ND	43	3	10.54	3.2	131	59	9669	11.49	.36	.05	5215	5	.02	65	.01	41	ND	ND	ND	5	2	ND	ND	177
33547	12.4	.49	14	ND	18	5	3.81	6.1	493	36	45773	25.83	.29	.09	2628	10	.03	2	.01	32	ND	ND	ND	8	ND	ND	ND	63
33548	3.1	.58	12	ND	7	3	11.12	4.1	47	63	10690	12.97	.34	.05	4219	9	.02	ND	.01	36	ND	ND	ND	5	ND	ND	ND	175
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5 3  
(604) 251-5656 FAX: 254-5717

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

REPORT NUMBER: 881264 GA

JOB NUMBER: 881264

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au
/ 33515	ppb
/ 33516	nd
/ 33517	240
/ 33518	300
/ 33519	nd
	55
/ 33520	30
/ 33521	20
/ 33532	25
/ 33533	nd
/ 33534	10
/ 33535	nd
/ 33536	40

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEX: 04-352578  
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)254-5717

## ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON  
ATTENTION: S. TODORUK  
PROJECT: KERR

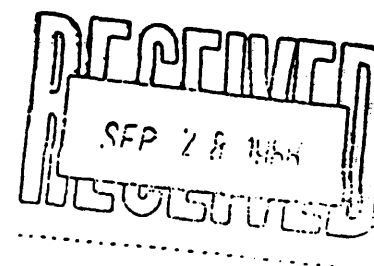
REPORT#: 881264PA  
JOB#: 881264  
INVOICE#: 881264NA

DATE RECEIVED: 88/09/07  
DATE COMPLETED: 88/09/27  
COPY SENT TO:

ANALYST *W. J.*

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CO PPM	CU PPM	CR PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM	
33515	1.6	.56	5	ND	85	ND	.17	.3	14	187	194	2.47	.04	.34	540	8	.01	19	.01	18	ND	ND	ND	2	2	ND	ND	66
33516	5.1	.10	7	ND	17	ND	.01	.1	2	263	39	.85	.01	.06	63	16	.01	6	.01	8	ND	ND	ND	ND	ND	ND	ND	64
33517	4.8	.03	3	ND	7	ND	.01	.1	3	170	80	1.16	.01	.01	29	9	.01	5	.01	8	ND	ND	ND	1	ND	ND	ND	39
33518	.5	.38	4	ND	23	6	.03	.6	12	92	38	3.87	.01	.25	247	17	.01	6	.01	16	ND	ND	ND	2	2	ND	ND	183
33519	.4	.08	5	ND	14	ND	.03	.1	9	202	53	1.11	.01	.05	64	25	.01	4	.01	8	ND	ND	ND	ND	1	ND	ND	26
33520	.3	.30	ND	ND	11	5	.22	5.9	13	192	34	6.41	.04	.24	357	17	.03	6	.01	17	ND	ND	ND	3	3	ND	ND	990
33521	.1	1.52	6	ND	108	ND	.58	.2	33	94	456	2.11	.11	1.20	330	2	.01	14	.01	27	ND	ND	ND	2	10	ND	ND	89
33532	2.7	.45	16	ND	83	ND	.28	.2	14	138	7181	1.54	.06	.16	95	4	.01	12	.01	156	ND	ND	ND	2	26	ND	ND	46
33533	4.3	.26	4490	ND	72	ND	3.04	15.1	26	27	24076	3.00	.30	.16	794	5	.07	9	.01	73	ND	ND	2674	2	20	ND	ND	3257
33534	.1	.34	90	ND	68	ND	.38	.1	23	50	556	2.29	.08	.19	226	3	.02	2	.08	14	ND	ND	ND	1	5	ND	ND	106
33535	.1	.24	11	ND	12	ND	.35	.5	82	70	108	4.80	.06	.19	139	2	.01	3	.03	15	ND	ND	ND	2	3	ND	ND	26
33536	4.5	3.54	260	ND	10	3	.07	16.7	101	16	731	9.50	.01	4.32	589	6	.04	104	.05	223	ND	ND	ND	5	2	ND	ND	1915
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1





# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 881139 GA

JOB NUMBER: 881139

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Au
40RR SS - 1	40
KERR SS - 2	45
KERR SS - 3	30

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEX: 04-352578  
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)254-5717

## ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON DEVELOPMENTS  
ATTENTION: S TODORUK  
PROJECT: *Kerr.*

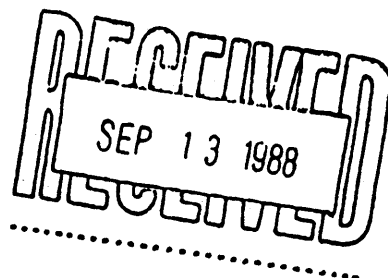
REPORT#: 881139 PA  
JOB#: 881139  
INVOICE#: 881139 NA

DATE RECEIVED: 88/08/27  
DATE COMPLETED: 88/09/11  
COPY SENT TO:

ANALYST *[Signature]*

PAGE 1 OF 1

SAMPLE NAME	AG PPH	AL %	AS PPH	AU PPH	BA PPH	BI PPH	CA %	CO PPH	CO PPH	CR PPH	CU PPH	FE %	K %	MG %	MN PPH	MO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SB PPH	SM PPH	SR PPH	U PPH	V PPH	ZN PPH
KERR SS-1	.7	2.85	14	ND	201	ND	.20	.1	23	24	304	4.38	.05	1.52	1458	2	.02	21	.07	38	ND	ND	ND	6	17	ND	ND	116
KERR SS-2	.2	1.91	30	ND	566	6	.13	.1	28	19	493	9.40	.04	.90	6190	2	.03	26	.06	35	ND	ND	ND	5	6	ND	ND	98
KERR SS-3	1.1	3.22	27	ND	291	3	.15	.1	23	22	354	6.38	.05	1.23	2381	2	.04	23	.16	43	ND	ND	ND	7	11	ND	ND	141
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1





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

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

REPORT NUMBER: 881126 6A

JOB NUMBER: 881126

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #

Au

ppb

33511

170

✓ 33514

50

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELE FAX: (604)251-5718  
BRANCH OFFICE: 1630 PANDORA STREET. VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)254-5718

## ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON  
ATTENTION: MR. S. TODORUK  
PROJECT: KERR

REPORT#: 881126PA  
JOB#: 881126  
INVOICE#: 881126NA

DATE RECEIVED: 88/08/27  
DATE COMPLETED: 88/09/13  
COPY SENT TO:

ANALYST 

PAGE 1 OF 1

SAMPLE NAME	AG PPH	AL I	AS PPH	AU PPH	BA PPH	BI PPH	CA I	CD PPH	CO PPH	CR PPH	CU PPH	FE I	K I	MG I	MN PPH	MO PPH	NA I	NI PPH	P I	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	W PPH	ZN PPH
3511	33.1	3.27	69	ND	17	3	.03	6.1	61	64	33961	14.66	.01	.89	369	6	.02	28	.01	58	ND	ND	ND	13	3	ND	ND	371
3514	1.3	3.16	ND	ND	20	8	.10	4.6	33	10	5894	23.48	.02	3.02	1080	1	.02	7	.03	43	ND	ND	ND	8	5	ND	ND	296
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

**ANOMALOUS RESULTS:**  
FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K5 PH: (604)251-5656 TELEX: 04-352578  
BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)254-5717

## ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON  
ATTENTION: MR. S. TODORUK  
PROJECT: KERR

REPORT#: 881026PA  
JOB#: 881026  
INVOICE#: 881026NA

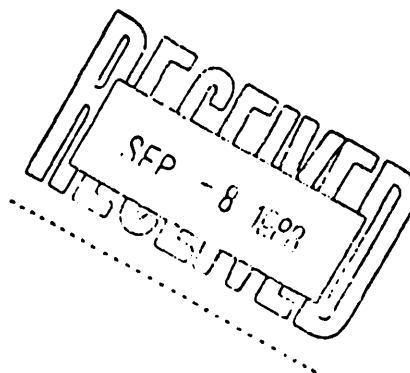
DATE RECEIVED: 88/08/17  
DATE COMPLETED: 88/09/06  
COPY SENT TO:

ANALYST *g Bay*

PAGE 1 OF 1

SAMPLE NAME	AG PPH	AL %	AS PPH	AU PPH	BA PPH	BI PPH	CA %	CB PPH	CO PPH	CR PPH	CU PPH	FE %	K %	MG %	MN PPH	MO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SB PPH	SM PPH	SR PPH	U PPH	V PPH	ZN PPH
33507	.1	.34	ND	ND	17	ND	29.71	.8	4	46	5438	4.09	.01	3.65	3003	1	.01	14	.01	14	ND	ND	ND	ND	34	ND	ND	46
33508	.1	2.19	18	ND	34	ND	1.67	1.2	47	72	514	3.81	.21	1.73	773	4	.01	25	.02	47	ND	ND	ND	4	33	ND	ND	147
33509	2.3	1.42	13	ND	10	8	.58	3.2	358	64	1246	12.99	.07	.77	371	6	.04	141	.07	42	ND	ND	ND	7	38	ND	ND	95
33510	.1	.17	25	ND	9	ND	13.19	.8	55	43	94	4.12	.30	3.64	2288	2	.01	23	.01	10	ND	ND	ND	1	43	ND	ND	16
33512	.1	1.22	ND	ND	38	ND	29.86	.3	5	25	52	3.68	.01	4.92	2648	1	.01	5	.01	20	ND	ND	ND	ND	49	ND	ND	26
33513	.1	.77	4	ND	30	ND	.36	.1	18	116	361	2.30	.05	.45	227	5	.01	10	.01	17	ND	ND	ND	2	19	ND	ND	24
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

ANOMALOUS RESULTS:  
FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED





# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

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

REPORT NUMBER: 881017 AA

JOB NUMBER: 881017

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #	Ag oz/st
33564	9.51
33590	22.69
33592	4.24
33593	3.75

## DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

.01

1 ppm = 0.0001%

ppm = parts per million

< = less than

signed: \_\_\_\_\_



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

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

REPORT NUMBER: 881017 GA

JOB NUMBER: 881017

PANICOM DEVELOPMENT LTD.

PAGE 1 OF 2

SAMPLE #	Au ppb
/ 33501	40
/ 33502	50
/ 33503	55
/ 33504	605
/ 33505	40
/ 33506	20
/ 33551	5
/ 33552	20
/ 33553	270
/ 33554	130
/ 33555	450
/ 33556	315
/ 33557	200
/ 33558	20
/ 33559	50
/ 33560	210
/ 33561	35
/ 33562	20
/ 33563	60
/ 33564	300
/ 33565	430
/ 33566	280
/ 33567	230
/ 33568	90
/ 33569	60
/ 33570	190
/ 33571	110
/ 33572	20
/ 33573	130
/ 33574	40
/ 33575	50
/ 33576	890
/ 33577	20
/ 33578	nd
/ 33579	50
/ 33580	60
/ 33581	30
/ 33582	nd
/ 33583	60

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
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BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 881017 GA

JOB NUMBER: 881017

PANICOM DEVELOPMENT LTD.

PAGE 2 OF 2

SAMPLE #	Au
/ 33584	ppb
/ 33585	20
/ 33586	70
/ 33587	nd
/ 33588	100
/ 33589	30
/ 33590	20
/ 33591	650
/ 33592	240
/ 33593	300
/ 33594	685
/ 33595	40
/ 33596	1980
/ 33597	780
/ 33598	100
/ 33599	515
/ 33600	250
	60

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

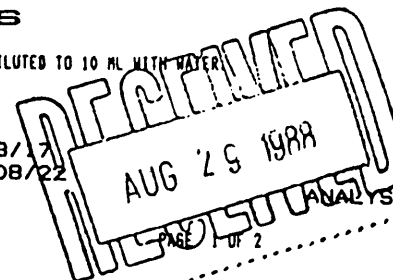
# ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON DEVELOPMENTS  
ATTENTION: MR. S. TODORUK  
PROJECT: KERR

REPORT#: 881017PA  
JOB#: 881017  
INVOICE#: 881017NA

DATE RECEIVED: 88/08/22  
DATE COMPLETED: 88/08/22  
COPY SENT TO:



SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	HG %	MM PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM
33501	1.7	.72	32	ND	12	123	.23	9.1	27	18	2976	34.09	.21	.56	452	8	.11	2	.05	37	ND	ND	61	4	3	ND	ND	138
33502	2.2	2.00	30	ND	66	51	.23	4.5	36	93	5010	12.14	.13	.95	618	30	.05	13	.05	26	ND	ND	ND	ND	3	ND	ND	84
33503	1.7	2.91	26	3	9	132	.07	9.1	79	18	3325	30.38	.16	2.46	1336	7	.11	25	.01	36	ND	ND	69	2	2	ND	ND	272
33504	23.2	1.66	58	ND	9	ND	.21	10.8	414	50	63327	29.53	.20	.97	607	11	.11	133	.01	10	ND	ND	13	6	4	ND	ND	170
33505	1.7	2.71	ND	ND	286	26	1.83	2.5	31	53	4703	4.88	.30	2.00	1100	4	.02	12	.07	22	ND	ND	ND	ND	73	ND	ND	123
33506	.6	1.20	24	ND	20	27	14.26	4.3	14	27	4542	8.17	.65	.58	4314	4	.03	9	.01	26	ND	ND	ND	ND	87	ND	ND	191
33551	1.5	2.00	17	ND	44	32	.47	2.7	42	62	230	5.93	.14	1.75	824	5	.02	13	.07	63	ND	ND	ND	ND	54	ND	ND	115
33552	2.2	1.66	19	ND	18	34	.43	2.9	119	53	166	7.15	.13	1.25	597	4	.02	14	.05	131	ND	ND	ND	ND	83	ND	ND	87
33553	3.2	1.70	10	ND	110	11	.90	1.7	31	64	3654	2.79	.19	1.35	601	2	.01	15	.10	17	ND	ND	ND	ND	86	ND	ND	75
33554	8.1	1.66	11	ND	86	13	.69	2.5	20	63	8453	3.12	.15	1.50	678	4	.01	15	.05	15	ND	ND	ND	ND	38	ND	ND	104
33555	14.5	1.27	15	ND	30	11	1.08	1.7	47	83	6764	3.28	.20	.43	233	3	.01	13	.28	33	ND	ND	ND	ND	159	ND	ND	39
33556	8.3	1.25	8	ND	42	7	.52	1.6	29	52	4906	2.78	.11	.92	550	10	.01	13	.11	26	ND	ND	ND	ND	50	ND	ND	71
33557	5.5	2.29	32	ND	18	55	.16	4.3	55	52	598	11.35	.10	.95	646	6	.03	17	.07	32	ND	ND	ND	1	13	ND	ND	71
33558	1.7	.59	39	ND	30	6	.47	1.7	23	42	280	3.66	.11	.30	198	4	.01	11	.15	18	ND	ND	ND	ND	16	ND	ND	28
33559	.5	.05	4	ND	15	ND	.02	.5	2	242	83	.87	.01	.01	46	1	.01	5	.01	7	ND	ND	ND	ND	3	ND	ND	11
33560	3.2	.87	8	ND	19	ND	1.04	2.7	16	37	4369	1.37	.19	.53	639	2	.03	6	.14	11	ND	ND	ND	ND	49	ND	ND	707
33561	2.1	1.54	23	ND	16	20	5.47	3.4	15	48	1729	5.91	.51	.33	3943	3	.02	3	.01	22	ND	ND	ND	ND	13	ND	ND	208
33562	1.7	.67	57	ND	7	95	1.27	7.1	8	22	360	23.39	.33	.31	1166	7	.07	ND	.01	37	ND	ND	32	4	5	ND	ND	45
33563	2.2	.31	23	ND	19	ND	1.77	1.6	4	227	1173	1.85	.28	1.29	668	2	.01	12	.01	10	ND	ND	40	ND	7	ND	ND	31
33564	>100	-.07	1009	ND	57	ND	.20	7.1	25	101	11987	1.31	.05	.03	142	4	.07	8	.01	2	ND	ND	8156	ND	6	ND	ND	1439
33565	9.8	1.39	27	ND	28	28	1.02	3.5	62	63	5588	6.57	.21	.68	468	4	.02	15	.13	22	ND	ND	37	ND	65	ND	ND	86
33566	9.6	1.95	26	ND	27	44	.63	5.1	64	89	7249	8.35	.16	1.16	550	4	.05	10	.13	24	ND	ND	ND	1	45	ND	ND	256
33567	6.5	1.66	15	ND	219	18	.68	2.5	34	48	6818	4.17	.16	1.25	792	5	.02	11	.15	21	ND	ND	ND	ND	50	ND	ND	131
33568	4.1	1.25	13	ND	42	14	.67	1.7	23	49	1000	3.30	.16	.81	790	38	.02	10	.28	32	ND	ND	ND	ND	31	ND	ND	86
33569	3.1	1.04	14	ND	13	9	.83	1.7	30	70	385	4.05	.19	.40	389	4	.01	4	.26	20	ND	ND	ND	ND	59	ND	ND	39
33570	9.6	2.62	28	ND	31	19	.63	4.8	92	104	20045	7.00	.15	1.85	427	21	.03	26	.07	3	ND	ND	ND	ND	74	ND	ND	158
33571	6.8	1.62	8	ND	14	7	.69	2.1	35	77	4972	3.16	.15	.79	291	65	.01	13	.10	14	ND	ND	ND	ND	83	ND	ND	69
33572	.1	.85	16	ND	5	27	.59	3.1	173	107	261	8.58	.15	.23	147	4	.02	9	.03	22	ND	ND	ND	ND	75	ND	ND	19
33573	2.2	.40	31	ND	3	73	.30	5.9	360	73	2520	18.64	.16	.19	67	11	.07	69	.05	29	ND	ND	12	2	40	ND	ND	13
33574	4.6	.81	14	ND	28	25	.65	2.5	33	97	516	5.88	.16	.35	394	6	.02	8	.13	22	ND	ND	ND	ND	44	ND	ND	27
33575	2.1	.90	8	ND	13	6	3.57	1.7	10	98	1337	3.83	.41	.35	2463	6	.01	5	.07	16	ND	ND	ND	ND	20	ND	ND	29
33576	.1	1.12	139	ND	17	27	7.33	2.5	20	45	135	5.43	.56	3.58	2063	4	.02	22	.01	28	ND	ND	ND	ND	37	ND	ND	58
33577	1.5	2.30	57	ND	27	37	4.93	3.2	18	67	772	6.58	.50	3.79	2183	3	.02	20	.03	22	ND	ND	208	ND	14	ND	ND	72
33578	1.2	.16	4	ND	15	ND	.14	.4	3	144	30	.38	.05	.05	68	3742	.01	5	.01	13	ND	ND	ND	ND	4	ND	ND	6
33579	2.2	.92	31	ND	13	75	.23	5.3	254	45	962	15.73	.14	.68	247	50	.05	10	.02	36	ND	ND	4	4	47	ND	ND	30
33580	1.7	.86	22	ND	13	37	.34	3.4	76	36	417	8.75	.11	.56	195	12	.03	9	.05	25	ND	ND	ND	ND	47	ND	ND	23
33581	1.2	1.43	8	ND	7	6	.72	1.2	16	95	912	2.50	.14	1.02	301	13	.01	3	.10	11	ND	ND	ND	ND	63	ND	ND	36
33582	1.5	1.02	6	ND	15	ND	.70	1.1	33	82	77	2.24	.15	.15	90	3	.01	4	.07	14	ND	ND	ND	ND	84	ND	ND	6
33583	2.2	1.22	8	ND	96	ND	.75	1.5	15	81	2419	2.20	.15	.67	349	4	.01	9	.05	46	ND	ND	ND	ND	133	ND	ND	37
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AS PPH	AL %	AG PPH	AU PPH	BA PPH	BI PPH	CA %	CD PPH	CO PPH	CR PPH	CU PPH	FE %	K %	MG %	MN PPH	MO PPH	NA %	NI PPH	P %	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	U PPH	V PPH	ZN PPH
33584	5.1	1.38	152	ND	33	39	.06	3.1	38	189	607	9.28	.07	.56	267	23	.03	110	.03	140	ND	ND	36	ND	3	ND	ND	100
33585	3.7	1.70	10	ND	134	29	.98	2.4	32	54	3827	5.16	.19	1.70	706	5	.03	13	.07	26	ND	ND	15	ND	75	ND	ND	148
33586	.9	1.16	21	ND	17	60	1.87	4.8	36	33	1055	14.35	.32	.83	895	5	.05	12	.02	30	ND	ND	47	ND	18	ND	ND	90
33587	3.7	2.87	14	ND	46	34	.64	3.2	68	40	2534	7.54	.17	1.02	228	5	.04	13	.14	32	ND	ND	39	ND	67	ND	ND	112
33588	2.7	2.22	20	ND	47	51	.22	3.2	103	43	1026	8.83	.08	2.11	438	4	.03	20	.01	26	ND	ND	31	3	15	ND	ND	117
33589	1.1	4.19	4	ND	73	39	.86	3.2	73	65	1590	6.05	.17	3.74	843	4	.03	24	.02	28	ND	ND	36	ND	142	ND	ND	136
33590	>100	.15	3568	ND	58	ND	.04	47.4	41	189	54604	1.21	.02	.06	98	5	.17	10	.01	ND	ND	ND	27454	ND	11	ND	ND	3858
33591	12.1	1.51	46	ND	210	15	.83	2.7	42	42	7502	3.40	.17	1.67	937	3	.02	8	.20	22	ND	ND	299	ND	42	ND	ND	185
33592	>100	.17	1243	ND	129	ND	.88	19.6	30	149	22134	1.43	.16	.34	400	3	.08	9	.01	ND	ND	ND	11748	ND	5	ND	ND	1788
33593	>100	.41	1022	ND	113	ND	.88	12.8	37	172	14882	3.12	.17	.34	427	3	.06	17	.07	12	ND	ND	9806	ND	9	ND	ND	1374
33594	3.8	.32	45	ND	720	ND	.83	1.2	6	162	971	1.21	.16	.35	424	3	.01	12	.01	18	ND	ND	237	ND	16	ND	ND	73
33595	7.6	1.58	11	ND	121	15	.83	2.2	23	57	6170	4.72	.17	.98	577	4	.03	12	.26	23	ND	ND	39	ND	72	ND	ND	103
33596	10.3	1.29	43	ND	69	30	.56	3.7	147	86	10820	8.75	.16	.61	397	5	.04	20	.20	22	ND	ND	64	1	67	ND	ND	120
33597	2.1	1.21	15	ND	30	19	.85	2.5	55	66	700	6.25	.17	.56	417	3	.02	25	.08	26	ND	ND	52	ND	84	ND	ND	56
33598	4.5	.96	21	ND	11	26	.76	3.5	210	80	19352	8.99	.19	.51	270	5	.03	44	.16	14	ND	ND	28	ND	53	ND	ND	36
33599	4.5	.88	8	ND	97	ND	.85	1.3	37	74	6778	2.87	.17	.29	193	4	.02	15	.22	16	ND	ND	5	ND	80	ND	ND	30
33600	3.4	1.79	15	ND	46	18	.93	2.5	33	68	919	5.75	.19	1.16	474	4	.03	17	.28	30	ND	ND	24	1	96	ND	ND	102
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1



# VANGEOCHEM LAB LIMITED

MAIN OFFICE AND LABORATORY  
1989 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

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

REPORT NUMBER: 881491 GA

JOB NUMBER: 881491

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #

Au  
ppb

21780

>10000

DE  
DETECTION LIMIT

5

nd = none detected

— = not analysed

is = insufficient sample





# VANGEOCHEM LAB LIMITED

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1988 Triumph Street  
Vancouver, B.C. V5L 1K5  
(604) 251-5656 FAX: 254-5717

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

REPORT NUMBER: 881491 AA

JOB NUMBER: 881491

PANICON DEVELOPMENT LTD.

PAGE 1 OF 1

SAMPLE #

Au  
oz/st

21780

.726

## DETECTION LIMIT

1 Troy oz/short ton = 34.28 ppm

signed:

.005  
1 ppm = 0.0001%

ppm = parts per million

< = less than

# VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1988 TRIUMPH STREET, VANCOUVER B.C. V5L 1K3 PH: (604)251-5656 TELEX: 04-352578  
BRANCH OFFICE: 1630 PANDORA STREET, VANCOUVER B.C. V5L 1L6 PH: (604)251-7282 FAX: (604)254-5717

## ICAP GEOCHEMICAL ANALYSIS

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

COMPANY: PAMICON  
ATTENTION:  
PROJECT:

REPORT#: 881491  
JOB#: 881491  
INVOICE#: 881491NA

DATE RECEIVED: 88/09/28  
DATE COMPLETED: 88/10/21  
COPY SENT TO:

ANALYST

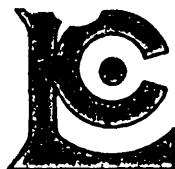
PAGE 1 OF 1

SAMPLE NAME	AG	AL	AS	AU	BA	BI	CA	CD	CO	CR	CU	FE	K	MG	MN	MO	NA	NI	P	PB	PD	PT	SB	SH	SR	U	V	ZK
	PPM	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	%	%	%	PPM	PPM	%	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM

21780	50.8	.08	ND	22	122	ND	.14	.1	3	77	87	2.95	.11	.05	94	142	.01	4	.01	34	ND	ND	ND	ND	ND	2	ND	ND	15
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DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1
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ANOMALOUS RESULTS:  
FURTHER ANALYSES  
BY ALTERNATE  
METHODS SUGGESTED



# 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. Coughlin*



# Chemex Labs Ltd.

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PHONE: 604-984-0221

PAMICON DEVELOPMENTS LIMITED

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

Project: KERR  
Comments:

Page Number: 1-B  
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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. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

T. AMICON DEVELOPMENTS LIMITED

711 - 675 W. HASTINGS ST.

VANCOUVER, BC

V6B 1N4

Project : KERR

Comments:

\* Page No 1-A

Tot. Pages: 1

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

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RESULTS

CERTIFICATION :

*B. Coughlin*



# Chemex Labs Ltd.

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

PHONE (604) 984-0221

TRIMICON DEVELOPMENTS LIMITED

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

Project : KERR

Comments :

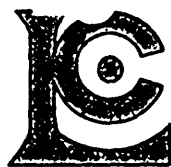
• Page No 1-B  
Tot. Pages: 1  
Date : 27-OCT-89  
Invoice # : 1-8928497  
P.O. # : NONE

## 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. Coughlin*



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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: I.C.O. VELCO MINES LIMITED

711 - 675 W. HASTINGS ST.

VANCOUVER, BC

V6B 1N4

Project: KERR

Comments:

Page No. 1

Total Pages: 1

Date: 26-OCT-89

Invoice # 1-8928408

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
89461	2051238	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

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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: MICRON DEVELOPMENTS LIMITED

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

Project: KERR

Comments:

Page no. 1

Tot. Pages: 1

Date: 26-OCT-89

Invoice #: 1-8928498

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8928498

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Si ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
89463	2051138	1	0.02	1	110	< 2	< 5	21	49	< 0.01	< 10	< 10	121	< 10	84

CERTIFICATION:

*B. Coughlin*





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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

TO: AMICON DEVELOPMENTS LIMITED

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

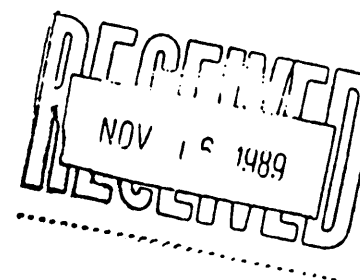
Project: KERR

Comments:

\* Page No. 1-A  
Tot. Pages: 1  
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



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T. AMICON DEVELOPMENTS LIMITED

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

Project : KERR

Comments:

\* Page No. 1-B

Tot. Pages: 1

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

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*B. Coughlin*

**APPENDIX II**  
**SAMPLE DESCRIPTIONS**

Sampler L. Scribner / E. Debock  
 Date Aug. 13/88.

Project KERR  
 Property KERR 1-4

NTS \_\_\_\_\_  
 Location Ref \_\_\_\_\_  
 Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Ag %t	Ag ppm	Ag %t	Cu ppm	
33551	5510' Esida	rock	Grab	granodiorite	propylitic	py 2-3%		5					
33552	"	"	Talus	hornfels		2-5% py		20					
33553	"	"	Talus					270				3654	
33554	"	"	Talus					130	8.1			8453	
33555	"	"	Talus					400				6764	
33556	"	"	Talus					315				4906	
33557	5085'	"	Grab					200				598	
33558	4690'	"	"					20					
33559	4660'	"	"					50					
33560	below cañon 6550'	"	"	Garnet skarn		malachite azurite cpy, py mal, azur, py.	several dykes crosscut feldspar porph. within altered granodiorite	210				4369	
33561	6550'	"	"	"			very magnetic	35				1729	
33562	6550'	"	"	"		massive magnetite	very magnetic	20					
33563	6135'	"	"					60				1173	
33564	Shear Zone ~ 6130'	"	Subcrop	Quartz breccia		mal, 120 cpy ± aspy?	along main shear.	300			9.51	11937	
33565	Shear Zone	"	"	g diorite	strongly altered	cpy + py	1m x 2m	430				5588	
33566	down from 33565	"	"	diorite	"	cpy + py	1m x 2m	280				7249	
33567	4m below 33565/66	"	"	diorite?		cpy + mal.	1m x 1m zone	230				6818	
33568	5760'	"	"	diorite	v. altered	2-5% py		90				1000	
33569	5760'	"	"	diorite	"	2-5% py mal, azur,		60				385	
33570	5135'	"	"	B.V. + w.r. (diorite)		cpy, py	some v. massive cpy	190				20045	

# ANAC DEVELOPMENTS LIMITED

## Geochemical Data Sheet - ROCK SAMPLING

Sampler L. Scragg/E. Debeck  
Date Aug 13/88

Project KERR  
Property KERR 1-4

NTS \_\_\_\_\_  
Location Ref \_\_\_\_\_  
Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Au g/t	Ag ppm	Ag g/t	Cu ppm	Sb ppm
33571	5m from 33570	rock	Grab	Q.U.	epidote Silic	mal, azur, tipy, py massive	very magnetic	110		6.8		4972	
33572	4990'	"	"	diorite?	"	py + mag massive py, cpy, mag.	very magnetic (pod/ile)	20					
33573	"	"	"	diorite	epid Silic	mag, py	very magnetic	130		2.2		2520	
33574	"	"	"	diorite	altered	mag, py	1m x 3m zone	40		4.6			
33575	"	"	"	Q.U. + skarn		chal, cpy, mal	1.5m x 5m long	50		2.1		1337	
33576	"	"	"	Carbin skarn	silic.	py + cpy	1m x 10m	890					
33577	extension from 33576	"	"	skarn		cpy + py	2m from a 3m fspw prop dyke.	20					
33578	"	"	"	Q.U.		moly	veins parallel to dyke 10m x 10m	nd					
33579	"	"	"			massive py pod.		50					
33580	"	"	"		epidote zone	massive py	3-20cm x 15m long	60					
33581	"	"	"	diorite	epidote zone	mal, cpy	1m x 5m long	30					
33582	"	"	"		epidote zone	py	2cm vein through same zone x 30cm	nd					
33583	"	"	"	diorite	altered	cpy	pod 30-40cm	60				2419	
33584	"	"	"	diorite/porphyry		py - massive	along contact: 10-15cm wide/over 4m	20					
33585	"	"	"	diorite	epidote	cpy + mal	15-20cm wide x 2m long	70					
33586	"	"	"	skarn		cpy + py, mag.	3m long x 2m wide	nd					
33587	"	"	"	diorite	epidote	py	30cm x 3m long	100					
33588	"	"	"	diorite	altered	py	20cm x 5m long	30					
33589	"	"	"	diorite	epidote	mal + chalcanite?		20					
33590	"	"	"	Q.U.		chalcanite tetrah, cpy		650			22.69	54604	27454

# ANAC DEVELOPMENTS LIMITED

## Geochemical Data Sheet - ROCK SAMPLING

NTS

Sampler L. S. ... / E. Debel

Project KERR

Location Ref

Date Aug 18/88

Property KERR 1-4

Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Au wt	Ag ppm	Ag wt	Cu ppm	Sb ppm
33591	Shear Zone <sup>6130'</sup>	rock	Grabs	desite		good cpy	from edge of shear	240		17.1		7502	299
33592	Shear Zone <sup>6050'</sup>	"	"	Qtz breccia		Chalco- tetrah. cpy	30/76 NW // in andesite host: str. mag.	300			4.24	22134	11748
33593	"	"	"	"		cpy + tetrah.	10-15 cm wide	685			3.75	14832	9806
33594	20 m below 33593	"	"	Q.U. + talc + WR	WR = diorite pyroclastic	malachite cpy	shear/vein splays off main vein 085/68N	40				971	237
33595	30 m below 33594	"	"	altered vol?		mal + cpy ± py	strongly magnetic	1980				6170	
33596	5 m East of 33595	"	"	WR of shear vein		massive cpy + py	strongly magnetic	780				10820	
33597		"	"		epidote zone	mass. py aspy	3m wide x 4.5m long	100				700	
33598		"	"			mass py	pod 15cm wide x 3m high	515				14352	
33599	same o/c as 33598	"	"			cpy + mal.		250				6778	
33600	few m's from 33599	"	"	WR = diorite		1-2% diorite py	moderately magnetic	60				919	
33501	5560'	"	"	massive magnetic zone		magnetite cpy + mal	labelled 33570 in field	40				2976	
33502	same zone as 33501	"	"	"		magnetite good cpy	" 33571 in field	50				5010	
33503	"	"	"	"		mag. cpy mal.	" 33572 in field	55				3325	
33504	"	"	"	SAN.		mass. py w good cpy	some magnetite #ED001 in field	605		23.2		63317	
33505	10 m below 33501 zone	"	"			cpy malachite	4m length x 50cm width #ED002 in field	40				4703	
33506		"	"	stain	minor hematite	py + cpy, hematite	60cm boulder #ED003 in field	20				4542	
33507		"	"	Qtz + calcite	Shear Zone	cpy	20 m strike length					230	
33508	same o/c as 33507	"	"	Q.U.		cpy + py	8cm wide					166	
33509		"	"		fracture filling	massive py	10m long - pods to 15cm wide					3654	
33510		"	"	Qtz breccia zone		py in matrix + frags	30cm x 5m long					8453	



Location Ref

Project KERR

Property KERR 1-4

Air Photo No

PRINTED IN CANADA

# PAMICON DEVELOPMENTS LIMITED

## Geochemical Data Sheet - ROCK SAMPLING

Sampler ELMER DeBOE  
Date AUG 30/88

Project PAMICON  
Property KEEL 1-4

NTS \_\_\_\_\_  
Location Ref \_\_\_\_\_  
Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS					
				Rock Type	Alteration	Mineralization		Au ppb	Au g/t				
33515	NW CORNER OF KEEL 1	FLOAT	1565m	QTE VN	LEMONITE	CPY, ASP	CHALCO + ASP IN QTE VN; 6-8 CM WIDE, 6m LONG; VEIN IN SHEAR						
516	1570m	GRAB		QTE VN		PY, ASP LOCALISE	QTE VN IN SHEAR ALONG DYKE, 5cm to 1.2m WIDE, 50m WIDE						
517	1570m	SUBCROP		QTE VN	MOD. LEMONITE	1% PY	QTE VN ~ 10cm WIDE						
518		GRAB		QTE VN		ASP, PY	15cm wide x 10m length; shallow dip; in diorite host.						
519		"		QTE VN		"	"						
520		"		QTE VN		MSSV. PY. ASP	5-6cm wide x 6m length; flat lying in diorite.						
521		"		QTE VN		PY, CPY	Silicified with gone in diorite; 20-25cm wide x 10m length.						
522		"		QTE VN		PY, CPY	QTE gone 20cm wide in pegmatite intrusive blebs of good PY.						
523		"		QTE VN		PY	8cm wide x 6m length; flat lying in diorite.						
524		SUBCROP		QTE VN		PY	5-10cm wide		0.040				
525		GRAB		QTE VN		PY, asp.	20cm wide x 25m length in shear in diorite		0.076				
526		GRAB		QTE INFILL DIORITE BRECCIA		PY, asp.	QTE INFILLING UP TO 20cm wide breccia gone 100m x 200m x 30m						
527		GRAB		"		Large PY cubes (5cm dia.)	"						
528		"		"			as - 526						
529		"		"		Fine gr. PY, asp, CPY.	South edge of breccia gone						
530		FLOAT		QTE (VN)		MSSV. PY sporadic	20-30cm boulder.						
531	▽	GRAB		QTE INFILL DIORITE BRECCIA		PY	as - 526						



# PAMIC

# DEVELOPMENTS LIMITED

## Geochemical Data Sheet - ROCK SAMPLING

Sampler AL MONTGOMERY

Date 30 / AUG / 88  
31 / AUG / 88

Project PAM - KERR

Property Koral 1-4

NTS

Location Ref

Air Photo No

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS			
				Rock Type	Alteration	Mineralization					
33201	1490m	GRAB		iron-carb/ chlorite vn.	ankerite/ chlorite	-	1cm-30cm vein, 750m strike length, diorite host.				
202	1490m	SUBCROP		QTZ VN	-	3%-5% crs. cpy.	2cm wide vn., enc. of ~5 veins across 1/2m.; 20m strike length.				
203	1490m	FLOAT		"	good limonite	10% crs py. blebs	from system of -202; 4cm wide vn.				
204	1490m	GRAB		"	mod. limonite	<1% crs py. diss.	from system of -202.				
205	1425m	GRAB		QTZ INFILL (limonite)	limonite	cpy. blebs	noted berly xstls 3" long.				
206	1435m	GRAB		"	limonite, sericite	10% crs py	1cm fracture				
207	1465m	GRAB		"	limonite sericite	~10% crs. py. cubes					
208	1460m	GRAB		LIMESTONE	skarn	py, cpy. <1%	10m x 1m skarn zone in seeds + volc. : garnet/magnetite/chlorite/epidote/ calcite/				
209	1460m	GRAB		"	"	"	"				
210	1460m	GRAB		"	"	mal., aug.	edge of skarn zone of -208, -209.				
206	31/88										
33211	1650m	GRAB		mag. intrusive	iron oxide sericite(?)	2% mag. diss. py.	narrow fracture trending northwest for ~20m;				
212	1670m	GRAB		carb./barite vein	-	barite	iron-carb./carb./barite veinlet 10m x 1cm to 3cm in diorite				
213	1630m	GRAB		diorite	mal., hem.	cpy (<1%)	minor fine cpy along fracture (fault?) zone 20m x <1m in diorite				
214	1625m	GRAB		diorite	mal., hem.	cpy	(associated iron carb vein - along fault) // as -213.				
215	1555m	GRAB		diorite(?)	mal., lim., hem., ep.	0.1% fine cpy/py	minor mal., aug. on well fractured wall (probably fault)				

# PAMICON DEVELOPMENTS LIMITED

## Geochemical Data Sheet - ROCK SAMPLING

Sampler: DMR DeBOC  
Date: AUG 31/ 88

Project: KERR  
Property: KERR 1-4

NTS \_\_\_\_\_  
Location Ref \_\_\_\_\_  
Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS							
				Rock Type	Alteration	Mineralization		Au	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)		
33532	KALI/2	GRAB <sup>S450</sup>		ACIDIC DIORITE		CPY.	25m x 0.5m								
S33		GRAB		DIORITE		tetrahedrite	2-4cm wide x 1-2m length along irbil-carb. shear								
S34		"			silica	py.	25m x 35m								
S35		FLOAT.					as 33534								
S36		"				py.	massive py. locally abundant 20-30cm dia								
S37		GRAB				ba.	barite vein in diorite; 10-20cm x 50cm								
S38		FLOAT				py. cpy.	dyke + gneiss material to 20cm wide								
S39		GRAB		diorite		py. cpy.	atd gone in diorite; 15m x 40cm								
S40		"					as 33539, 15m along showing chalc in small shears.								
S41		"			silica	cpy.	6-8cm 3-4m length large shear 10m wide total gone; mining 3-5cm.	38.9	385	468	366	827			
S42		SUBCROP				cpy. (good)	garnet skarn; total skarn gone = several mixed zones								
S43		GRAB		?	SKARN	good cpy.	over 100m - as 33542								
S44		"		"	"	mass py.	- as 33542								
S45		"		"	"	fine py/cpy	- as 33543								
S46		"		"	"	cpy.	chalc in garnet skarns with mixed - as 33543								
S47		"		"	"	mass. magnet.	- as 33542								
S48	▽	"		"	"	py. (1%) magnet.	- as 33542								

Sampler E. Deback  
Date Sept 4, 1988

Project KERR 5-L  
Property KERR

NTS \_\_\_\_\_  
Location Ref \_\_\_\_\_  
Air Photo No \_\_\_\_\_

SAMPLE NO.	LOCATION	SAMPLE TYPE	Sample Width True Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
				Rock Type	Alteration	Mineralization						
33216	NE corner KERR 5	Rock	Grab	Qtz Vein		pyrite	near diorite + ksp dyke contact. 6-8 cm wide x 4 m long					
33217	"	"	"	Qtz Vein		pyrite + hematite	15-20 cm wide, talus covered					
33218	"	"	"	Qtz Veins		strongly pyritic	6-30 cm wide, 125-150 m long veins parallel					
33219	"	"	"	Qtz Vein		pyrite chalcopyrite	5 cm wide; traced for 50 m					
33220	"	"	"	Qtz Vein		pyrite + aspy	8 cm wide - splay off larger vein					
33221	"	"	" subcrop	Qtz Vein		pyrite	10-15 cm wide x 30 m long					
33222	"	"	" subcrop	Qtz Vein		well mineralized py + aspy	4 cm wide					
33223	"	"	"	Qtz Vein		pyrite for entire length	15-30 cm wide x 125 m long					
33224	"	"	"	Qtz Vein			vein 33223 - 8 m along strike					
33225	"	"	"	Qtz Vein		pyrite for entire length	40 cm wide x 10 m long					
33226	"	"	"	Qtz Vein		pyrite cpy	30-50 cm wide x 10 m long					
33227	"	"	"	Qtz Vein		pyrite aspy	70-90 cm wide x 20 m long					
33228	"	"	" subcrop	Quartz		well mineralized with pyrite	abundant					
33229	"	"	"	Altered Intrusive		minor py + cpy	Quartz veins splay out 2 m wide					
33230	"	"	"	Qtz Vein		py + malachite chalcocite?	15 cm wide x 25 m long. Within diorite					
33231	"	"	"	Qtz Vein		good pyrite	10 cm wide - extension of 33230					
33232	"	"	"	Qtz Vein		pyritized throughout	30 cm wide x 40 m long - vuggy					
33233	"	"	"	Qtz Vein		py throughout intense margin	1 m wide x 30 m long					
33234	"	"	"	Altered Intrusive zone	abundant epidote	pyrite						
33235	"	"	"	Qtz Vein		fine grained pyrite	25 cm wide x 100 m long					



## Geochemical data Sheet - ROCK SAMPLING

Air Photo No \_\_\_\_\_

PRINTED IN CANADA

NTS \_\_\_\_\_

Sampler Phil Bilodeau

Project Pamlico

Location Ref \_\_\_\_\_

Date Oct 1/89

Property Kerr Cms

Air Photo No. 100-100000

[illegible]

Project Panama  
Property Kerr

NTS \_\_\_\_\_  
Location Ref \_\_\_\_\_  
Air Photo No \_\_\_\_\_

[illegible]

**PAMICON  
DEVELOPMENTS LIMITED**

Geochemical Data Sheet - **SOIL SAMPLING**

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

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION			SLOPE	VEG	ADDITIONAL OBSERVATIONS / REMARKS	ASSAYS			
				Colour	Texture	Drainage				As ppb	As %	As 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 - near 2m hole unhoriz vertical; 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								very little heavies H.S. 10% intrusive silt	20		<0.2	82
89552	910m								very little heavies H.S. 30% intrusive, 7% intermediate silt & base rocks	40		0.4	216
89553	930m								30% Repeat H.S. 55% C45/C0 negative	10		<0.2	20
89554	"								silt - partner to 89553	15		<0.2	170



SILT / Heavy Sand

NTS

Sampler Al Montgomery + Bruce Anderson.

Project

Location Ref

Date Oct 12/99

Property

Air Photo No

[illegible]



CERTIFICATE OF THE DIRECTORS AND PROMOTERS OF THE ISSUER

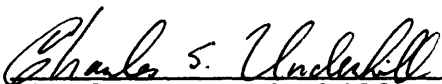
The foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by the Securities Act and its regulations.

Dated at Vancouver, British Columbia this 4th day of July, 1990.

CONSOLIDATED CAPROCK RESOURCES LTD.



Robin T. Forshaw,  
President, Director and  
Chief Executive Officer



Charles S. Underhill,  
Secretary, Director and  
Chief Financial Officer

ON BEHALF OF THE BOARD OF DIRECTORS



Donald D. MacFayden  
Director



Assa S. Manhas  
Director

PROMOTER

CLD Financial Opportunities Limited

Per:



Donald D. MacFayden  
President

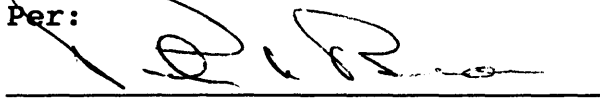
CERTIFICATE OF THE UNDERWRITER

To the best of our knowledge, information and belief, the foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by the Securities Act and its regulations.

Dated at Vancouver, British Columbia, this 4<sup>th</sup> day of July, 1990.

L.O.M. WESTERN SECURITIES LTD.

Per:

A handwritten signature in dark ink, appearing to read 'P. M. Brown', is written over a horizontal line.

Peter M. Brown