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GEOCHEMICAL, GEOLOGICAL & PHYSICAL WORK REPORT

COL CLAIM GROUP

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Omineca Mining Division

SUB-RECORDER  
RECEIVED  
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VANCOUVER, B.C.

Latitude: 55° 15'  
Longitude: 124° 45'

NTS: 93 N/2,7

by

John Nebocat

&

Donald C. Rotherham

December 5, 1988

Owner: Colin J. Campbell

Operator: Kookaburra Gold Corporation

18,123

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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## INTRODUCTION

The Col claim group is situated approximately 108 km north of the town of Fort St. James, B.C. The claims sit along the southern flank of the Swannell Range, about 5 km north of the west end of Chuchi Lake and are centered at the intersection of NTS map sheets 93 N/2 & 93 N/7 (55° 15' x 124° 45').

Access is via the "Omineca", or "North", road 100 km north from Fort St. James, then, 30 km west along the "Germansen-Indata" Forest Service road. A newly constructed 6.5 km long 4 x 4 road links the forestry road with an old "tote" road built by the previous operator, which leads to the property from the west end of Chuchi Lake.

The claims are on an east-west trending ridge and for the most part are on the southerly facing slope. Relief is in the order of 600 m, ranging from 950 m to 1550 m ASL. The area of the previous and present work is not too steep but cliffs with talus slopes occur along the NE margin of the claims.

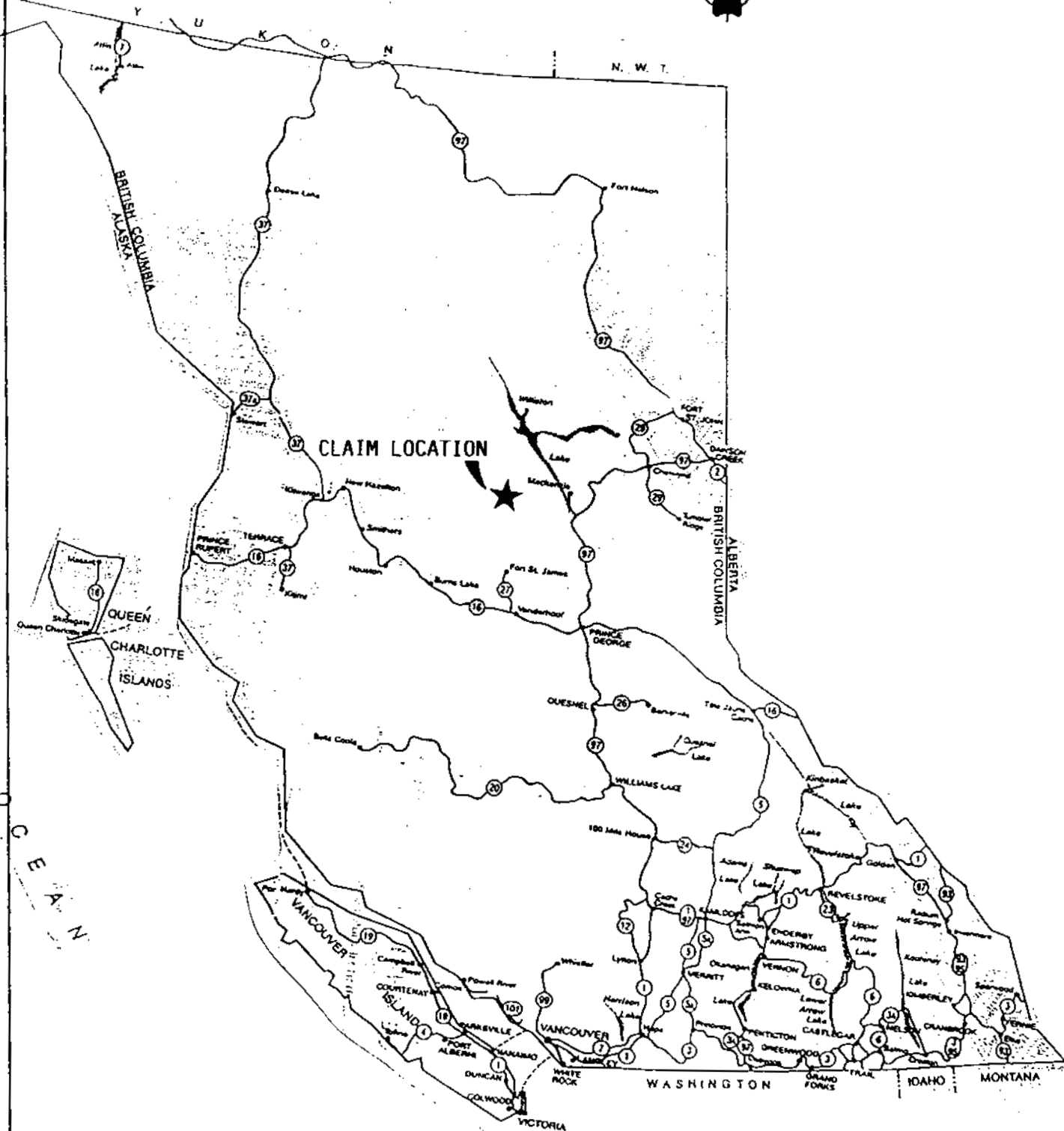
Copper showings were discovered by Colin Campbell in 1969 following a stream sediment survey. Mr. Campbell has held the ground since that time. **Falconbridge Nickel Mines Ltd.** optioned the claims in 1970 and performed work on them until 1972. This work included soil geochemistry, ground magnetic, V.L.F. and I.P. surveys and 7741 feet of diamond drilling in 32 holes comprised of x-ray, AQ and BQ core sizes. **Falconbridge** explored the property as a porphyry Cu-Mo deposit. Broad geochemical anomalies in Cu were obtained, but Mo and Ag anomalies were weak and scattered. The generally weak IP anomalies can be attributed partly to the high bornite/chalcopyrite content relative to low amounts of pyrite. The "A Zone" was drilled in detail, and a reserve of 2,000,000 tons of 0.6% Cu was indicated. Following disappointing drill results from IP anomalies tested SE from the "A Zone", **Falconbridge** returned the property to the vendor in 1972.

In 1984, Campbell sampled a number of 10 foot segments of core for gold. The results indicated the presence of gold with analyses up to 2.17 ppm (0.063 oz/s.ton) over ten feet. A correlation with anomalous Au and greater than 0.5% Cu was suggested.

David M. Jenkins, of **Ainsworth-Jenkins Holdings Inc.**, examined the property on October 23, 1987. His sampling of core, and outcrop from a trench excavated by Campbell, confirmed the presence of gold. A 12 foot width from the trench averaged 2.2 ppm Au and 3.16% Cu, including a 2.5 foot sample assaying 5.2 ppm Au and 4.60% Cu. Values up to 1.4 ppm Au and 1.68% Cu over 8 feet were obtained from drill core.

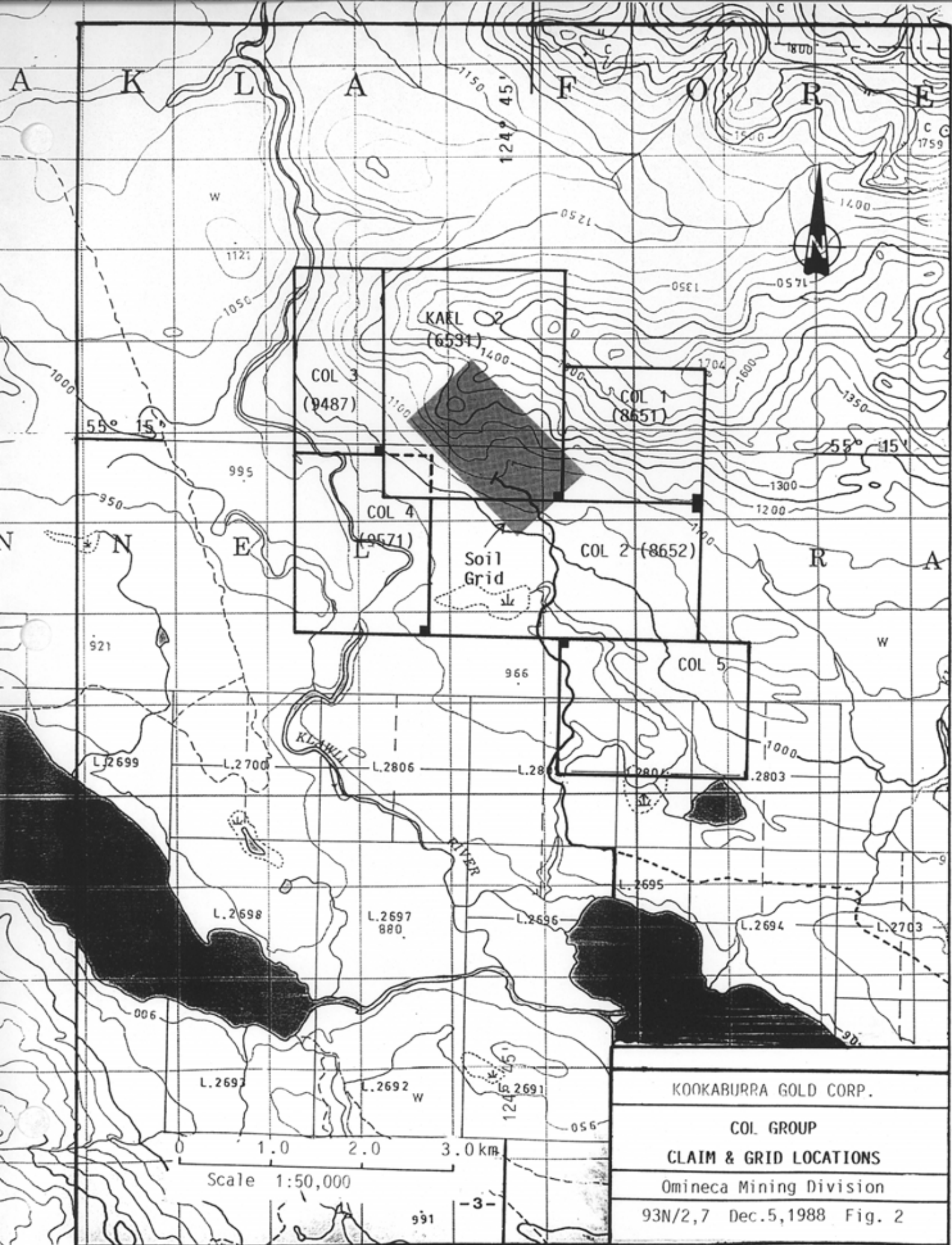
**Kookaburra Gold Corporation** entered into an option agreement with Colin Campbell on March 14, 1988 agreeing to perform work on the **COL #1, COL #2 and KAEL #2** mineral claims. **Kookaburra** staked additional claims in 1988.

The work described in this report was performed on the **Kael #2, Col #1 and Col #2** claims between June 13 and June 27, 1988. A grid which was established at this time was recorded as Physical Work on August 4, 1988. A total of 878 soil samples were collected and analyzed for Cu, Au, As, Pb, Zn, Ag and Fe. This program was supervised by Mr. D.C. Rotherham who spent much of his time reviewing the property geology.



0 100 200 KM  
1:7,150,000 approx.

KOOKABURRA GOLD CORP.  
INDEX MAP  
COL CLAIM GROUP  
Date: Dec. 5/88 Fig. 1



KOOKABURRA GOLD CORP.

COL GROUP

CLAIM & GRID LOCATIONS

Omineca Mining Division

93N/2,7 Dec.5,1988 Fig. 2

Scale 1:50,000

0 1.0 2.0 3.0 km

991

-3-

A 4 x 4 access road was built using a D7 caterpillar between August 25 and August 29, 1988. This work including improving parts of the existing tote road and preparing some drill sites on the property. A track-mounted, 955 Caterpillar, front-end loader was contracted between September 13 and September 15, 1988 to fill a 300 m long swampy section of the tote road with ballast.

A table showing the claim status of the Col Group, including claims staked by Kookaburra, is shown below.

**Table 1. Claim Status**

<u>Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Expiry Date</u>
Kael #2	20	6531	Sept. 28/84	Sept. 28/90*
Col #1	9	8651	Aug. 5/87	Aug. 5/90*
Col #2	18	8652	Aug. 5/87	Aug. 5/90*
Col #3	8	9487	June 21/88	June 21/89
Col #4	12	9571	July 20/88	July 20/89
Col #5	12	**	Oct. 3/88	Sept. 17/89

\* Claims grouped as COL GROUP on August 3, 1988, and work thereon recorded on August 4, 1988.

\*\* Record number not available at this time.

## **GEOCHEMISTRY**

### **Procedures**

A total of 878 soil samples were collected from the grid at 25 m intervals along lines spaced 100 m apart.

The samples were collected from the "B" horizon at depths ranging from 10 cm to 30 cm, on average. A mattock was used to expose the soil which was then collected with a stainless steel trowel and placed in a kraft paper envelope.

The samples were analyzed by Min-En Laboratories Ltd., North Vancouver, B.C. using the following procedures.

After drying at 95°C, the soils were sieved through an 80 mesh screen.

A 1.0 g sample of minus 80 mesh material is digested for 4 hours with an aqua regia/perchloric acid mixture. After cooling, samples are diluted to standard volume and analyzed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers for Cu, As, Ag, Pb, Zn and Fe.

For Au, a 5.0 g sample of -80 mesh soil is pretreated with a nitric/perchloric acid mixture. The sample is then digested with aqua regia and subsequently taken up with 25% HCl to suitable volume. Following further oxidation and treatment the Au is extracted using MIBK solution. The solution is analyzed for Au to a detection limit of 5 ppb using Atomic Absorption Spectrometry.

The sample locations and results for Au, Cu and As are plotted on Maps 2-5; a summary of analyses is listed in the Appendix.

### **Interpretation**

Because the soil samples were collected within an area known to be anomalous in Cu, the data was not treated statistically; instead, threshold values were determined by inspection of the data. The thresholds for Au, Cu and As are 15 ppb, 250 ppm and 30 ppm, respectively.

### **Gold (Map 3)**

Several single point anomalies exist on the grid, but at least two continuous anomalies, up to 1 km long, occur on the SW side of the baseline.

A 900 m long by 75 m - 100 m wide anomaly parallels the baseline at an azimuth of 135° between lines 3W and 6E. Values within it range from threshold to 250 ppb. The baseline here parallels a linear up to about L 1W at which point a break-in-slope occurs with a steeper gradient to the west. It is possible that a mineralized structure(s) may parallel this lineament,, represented by the anomalous Au values.

Another large anomaly occurs between L 6E, 1+75S and L 1W, 3+50S. Three smaller anomalies line up to form this larger, 800 m long by 50 m-100 m wide zone trending



about 120° AZ. Values within it range up to 200 ppb Au. **Falconbridge** geologists noted a fault/fracture trend of 120° with a steep NE dip in the vicinity the mineralized trench located just NE of the baseline between L 4W and L 5W. This trend may be repeated in the large soil anomaly to the south. In addition, a smaller (300 m by 50 m-75 m) but parallel anomaly occurs from about L 0+50E, 4+25S to L 3+50E, 3+25S.

A two-line anomaly about 250 m long exists between L 1W, 4+25S and L 2W, 4+25S, and values run up to 495 ppb. It sits somewhat between the two parallel anomalies mentioned above and may be part of a mineralized zone parallel to the anomaly found just SW of the baseline (135°). If so, the western end of the anomaly trending 120° may be part of it, or at least intersecting the 135° trend at this point. A single, 160 ppb, anomaly occurs on L 3E, 4+25S and may be a projection of the 135° trend. This may represent an extension of the "A Zone". Anomalous values do not occur further NW, but two weak anomalies exist between L 6E and L 8E; these are situated at the east end of the "A Zone" drilled in detail by **Falconbridge**. One reason for the low values over this zone is due to heavy overburden encountered during drill site construction (see section on physical work). It is interesting to note that the "A Zone" does not have a geochemical expression for the drilled portion.

Samples collected from and around the trenches excavated by Colin Campbell, just NE of the baseline and between L 2W and L 4W, yielded an anomaly only 100 m-200 m long by 50 m-75 m wide; the highest value ran 180 ppb Au. However, a point anomaly of 60 ppb at L 6W, 0+25S and a weak anomaly between L 0E, 1+25N and L 1W, 1+100N, suggests that the above three anomalies may reflect another zone trending roughly 120° AZ and may be up to 600 m in length. Again, it was in this area where **Falconbridge** geologists noted the 120° trend in the mineralized trenches.

Since the anomalies have not yet been examined on the ground, their causes are only speculative and based on the known geology derived from the **Falconbridge** mapping and the limited amounts of outcrop seen by ourselves around the trenches and at the outcrop near the western end of the zone drilled in detail. Many of the anomalies occur in areas of overburden and have not yet received any exploration.

#### **Copper (Map 4)**

Copper anomalies show a wider dispersion than the gold, but many of them are coincidental. Furthermore, at least four possible mineralized trends are recognized for Cu whereas only two are clearly evident with Au.

A 1 km long by 25 m-75 m wide anomaly, sitting between L 4W and L 6E and just SW of the baseline, coincides nicely with the gold anomaly which was described previously. Values run up to 2318 ppm Cu.

A sub-parallel anomaly, 400 m long and up to 50 m wide occurs between L 2W, 0+00N and L 2E, 0+50N. Values of up to 5213 ppm Cu exist independent of significantly anomalous Au values -- the highest runs only 35 ppb Au.

The anomalous 120° trend is evident at both the locations described for Au, but the anomaly is not as strong at the location SW of the baseline. The zone through the mineralized trenches is traceable for 700 m between L 4W, 0+00N and L 3E, 2+25N,

and it is represented, again, by three smaller anomalies. Another zone along this  $120^\circ$  trend occurs between L 3W, 1+75S and L 7W, 3+00S; values range up to 2097 ppm Cu. This zone may continue to the SE between L 2W, 1+75S and L 0E, 1+75S, but here the anomaly trends  $135^\circ$  and may reflect the zone found along the baseline.

A third trend is evident in a 700 m long anomalous zone from L 2E, 4+75S to L 5W, 3+25S. This zone, which trends about  $150^\circ$  AZ., intersects the  $120^\circ$  trend near L 2W, 3+75S. Furthermore, a series of three separate Au anomalies coincide with the anomalous Cu zone, but this is not as evident by looking at the Au data alone.

Another zone is evident between L 0+50E, 0+00N and L 3W, 4+00N and trends roughly north-south. A series of lobate, nearly continuous anomalies form a zone which is about 600 m long and 100 m wide, on average. This zone intersects the  $135^\circ$  trend SW of the baseline and the zone sub-parallel to it just 25 m north of the baseline. A creek draining this slope appears to terminate this anomaly along its eastern margin, and a section of another creek parallel to this trend, located 250 m to the SE, also seems to crosscut and in part terminate the  $120^\circ$  and  $135^\circ$  trending anomalies between L 4E, 0+50S and L 3E, 1+25N.

Several single and two station anomalies occur on the NE half of the grid and show no obvious pattern. Their elongate  $135^\circ$  dimension is probably a manifestation of the grid configuration rather than a representation of the  $135^\circ$  trend seen along the baseline and further west.

#### Arsenic (Map 5)

Arsenic anomalies are quite restricted and thus show no extensive trends; they do, however, coincide with some Au and Cu anomalies.

Two As anomalies coexist with moderately anomalous Au values on L 4E, between 1+50S and 3+00S, where values of up to 203 ppm As were obtained. Three separate anomalies between L 1E and L 6E line up parallel to the  $120^\circ$  trend represented by a gold anomaly found here. Also, an anomaly between L 2E, 2+50S and L 4E, 3+00S coincides with a lobe of the Au anomaly mentioned above, and this might be an indication of the  $150^\circ$  trend observed in the Cu anomaly to the west, discussed previously.

A 100 m + anomaly occurs between L 7W, 3+00S and L 6W, 2+50S and coincides with the western end of a larger Cu anomaly trending  $120^\circ$  with values up to 2097 ppm Cu. A two-sample gold anomaly running 70 ppb Au and 175 ppb Au occurs 100 m to the east and along strike from this arsenic anomaly.

A few single sample anomalies exist elsewhere on the grid and seem to coincide with anomalous copper values rather than with gold.

## GEOLOGY

### Regional Geology

The regional geology is best described by Garnett, 1978, in the B.C. Department of Mines Bulletin 70 titled "Geology and Mineral Occurrences of the Southern Hogen Batholith". The Col property is on the eastern contact of the batholith with the Takla Group Volcanics, with the majority of the property underlain by the intrusive complex.

Garnett describes the Hogen Batholith as being composed of at least three phases of varying chemical composition. Phase I granodiorite and Phase III granite are characterized as calcalkaline while Phase II syenite and Phase I basic suite are predominantly alkaline. Copper mineralization is associated with syenitic intrusions of the Hogen Batholith in a number of areas. Structure of the area is vague, in a large part due to the extensive drift cover of the lower areas. The predominant structural direction is northwest as shown by strong trends of the aeromagnetic maps. It is probable that the anomalous east-west trend of Chuchi Lake represents a cross-cutting structural trend.

The superficial geology is complex. Alpine glaciation occurred in the higher ground and is expressed by the presence of cirques. The area to the south was covered by continental glaciation. The area in between was the location of a large post-glacial lake whose shorelines are now indicated by several obvious terraces. The Col property occurs on the margin of these terrains with the soil sampling grid being largely in the alpine terrain; the southwest corner shows evidence of terraces.

### Local Geology

The local geology of the Col property is best described in Harper's report of 1972 in which he reports on the mapping of graduate student A. Elliot. A central part of the property was mapped on a scale of 1" = 200' and the remainder on a scale of 1" = 400'. The mapping shows the dominant rock type to be a monzonite which grades into syenite which in turn grades into a microgranite. This is a trend that shows increasing silica content of the rock. Harper states that the more quartz rich rocks do not contain copper and feels that the mineralization was related to earlier phases. He considers the last phase to be a quartz rich pegmatite that grades into quartz veins and has been responsible for considerable potash metasomatism.

The examination by D.C. Rotherham was mainly on drill core and the impression received was that there was almost a universal gradation from monzonite to syenite and that to a large extent this was accomplished by potash metasomatism. The drill core for the "A Zone" shows some distinct dikes which differ from the extensive monzonite-syenite. These are both pre and post-mineralization and were not observed in surface exposures. The local geology will be further discussed under the comments on various areas of the property.

An initial objective was to closely check the detailed mapping of the area between the "A Zone" and Campbell's trench area. Field examination showed that the outcrops had a considerable growth of lichens, and it was difficult to observe the detail recorded by

**Falconbridge.** It was realized that their mapping was carried out soon after the area was burnt by a forest fire which probably removed the lichen growth. It was therefore decided to accept the surface mapping and to concentrate on checking the core.

Core was stored on the property in a core shack and with the exception of the early packsack holes was present in an orderly fashion. The core shack had been infested by porcupines and squirrels whose activities made the upper levels of the racks almost impossible to use effectively. The lower sections were in good preservation. All of the core present was examined in conjunction with the core logs. In general, the logging was detailed and accurate. Comments concerning reinterpretation will be made under the individual areas discussed.

#### **Campbell Trench Area (0+25N, 4+00W)**

This is the location on the property where Colin Campbell first identified gold mineralization and where a selected sample assayed 0.5 oz/ton. Sampling by Mr. D. Jenkins (Jenkins, 1988) gave an average grade of 3.15% Cu and 2.24 grams gold over a width of 3.6 meters.

The area surrounding this trench was examined in detail in an attempt to better understand the mineralization and to relate it to **Falconbridge's** detailed mapping. It appeared fairly obvious that the better copper grades were related to the intensity of the fracturing with the dominant mineralized direction striking 135 degrees with a near vertical dip. This fracturing was not adequately recorded by the mapping. The area of the trenches is one which is near outcrop but is perhaps 60% covered by shallow overburden in the range of 30 cm. in depth. With this cover, projection of small scale features was unsuccessful. The general impression received was that one could not project the mineralized fractures with confidence for more than short distances. Jenkins described the main trench as containing a 2.5 foot wide zone of fault gouge. An attempt was made to project this zone unsuccessfully with projected extensions running into areas of outcrop in less than 15 meters.

This area was tested by drill hole 17 which was sampled for gold by both Campbell and Jenkins. This hole has a 50 foot section from 130 to 180 feet that averages 0.66% Cu with incomplete gold assays showing a high of 2.175 grams of gold over 10 feet (170 ft. - 180 ft.). This intersection would be approximately 100 feet to the south and 145 feet below the main trench. The hole continued to a depth of 350 feet without encountering any further zones of mineralization. It was thought that a small valley roughly paralleling the mineralized fractures may represent a controlling structure. The horizontal length of the hole was measured on the surface and it was determined it went well past the known mineralization but did not come close to the small valley. The examination of the core did not show any increase in alteration or degree of fracturing towards the bottom of the hole.

The Campbell trench area is near the top of the hill where relatively good outcrop occurs. This outcrop has a relatively heavy lichen growth on it but exposure is sufficiently good to suggest that the degree of fracturing (ground preparation) would restrict the copper grade to less than 0.2% Cu. This in general agrees with the majority of the core from hole 17 which, with the exception of the intersection mentioned above, is in the range of 0.1 % Cu. The general impression is that the better grade sections occur where the fractures are more closely spaced as in

Campbell's trenches and that this area represents a fringe zone of mineralization rather than a major center. There is a feeling that the mineralized fractures may form an echelon zones within a general trend.

#### "A Zone"

Work by **Falconbridge** concentrated on this zone during their option period. Drill indicated reserves for this zone have been estimated at 2,000,000 tons grading 0.60% Cu with the zone probably open at both ends and to depth. Since this was the best explored portion of the property, it was decided to examine all the core. The following paragraphs describe some of the main features observed and comment on their apparent significance.

There is a great deal of variety within the monzonite which would appear to be largely caused by variation in the intensity of the K feldspar alteration. The mineral composition reported by Harper's description of thin sections makes the rock a monzonite. Its general appearance suggests a more basic rock where it is relatively unaltered and there is a feeling that the potash metasomatism has driven pyroxenes to amphiboles to biotite. I would feel that these solutions were not high in silica and the process was responsible for the formation of much of the syenite. This would be an explanation for the observed grading of monzonites to syenite both in outcrop and in drill core. From the comments of Garnett this would appear to be a regional feature.

The copper grade is largely dependent on the frequency of fracturing with no obvious relationship between alteration and the bornite bearing fractures. The "A Zone" is largely controlled by 120 degree trending fractures. Some of the best mineralization occurs in the least altered rock and K-spar envelopes on bornite mineralized fractures are rare.

In general, syenites are less favorable host rocks than the monzonite. There are several varieties that have not been adequately subdivided in the drill logs. They range from an aplitic variety that is veined by quartz and appears very favorable for mineralization to a dark variety that is relatively unfractured and appears to be post-mineralization. There is a type that is characterized by disseminated chalcopyrite with a grade in the range of 0.25% Cu. This variety is partially responsible for the lower grade of holes 11 and 12. There is a need for a few holes parallel to the zone to better understand the dikes.

At least three different types of mineralization occur within the monzonite. The most common is bornite filled fractures with no associated alteration. A second type consists of narrow quartz veins carrying bornite and chalcopyrite. A third type is chalcopyrite occurring within epidote. Several observations were made of the epidote type cutting K-feldspar alteration along fractures. There does not seem to be any change in the type of mineralization with depth. The deepest hole in the "A Zone", D.D.H. 21, shows good bornite fracture mineralization at a vertical depth of 430 feet.

The drill logs mention mineral zoning with pyrite occurring beyond the copper zone. This was not observed and the only pyrite noted in the "A Zone" was in trace quantities. In a similar fashion there did not seem to be sufficient sulfides in the core to explain the relatively strong IP effect for the "A Zone". There is very little core that shows much over 1% sulfides by volume over a 10 foot core length. If this was

bornite it would give a copper grade in the one percent range; if it was chalcopyrite the grade would be in the order of half a percent. The copper grades of the intersections support the question of "what is causing the IP response?"

The general impression received from reviewing the core from the "A Zone" is that the zone represents satellitic mineralization and not the center of porphyry type mineralization.

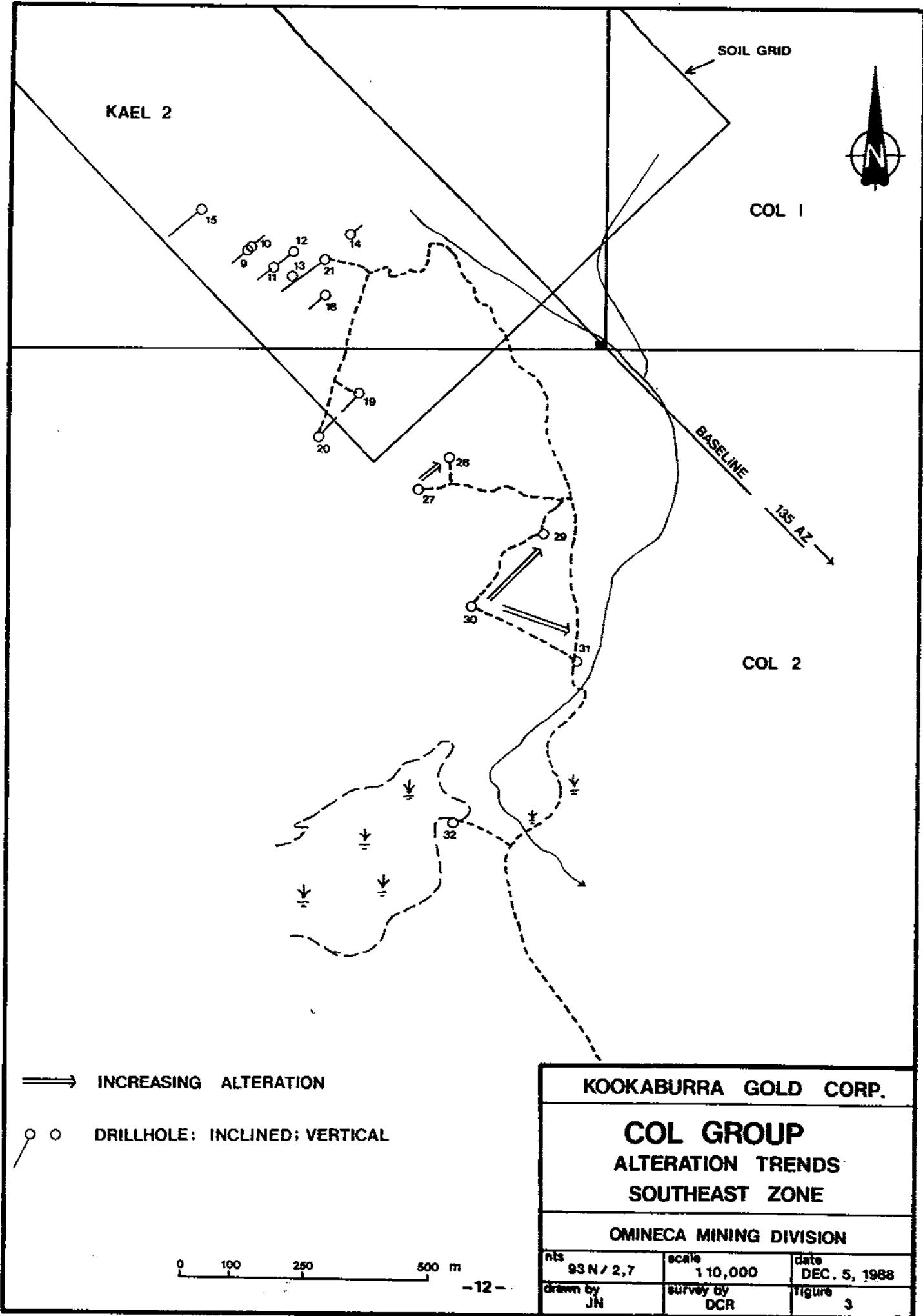
### **Southeast Zone**

This is the name used to describe an area identified by Falconbridge's 1972 program. They reported long intersections of strong alteration but very little sulfides and no values. Campbell sampled two sections in DDH 29 which were anomalous in gold and strongly anomalous in arsenic. These samples were from a shear zone showing weak sericite-pyrite alteration surrounded by relatively intense clay-K-spar alteration. The surrounding alteration was sampled and was not anomalous. Alteration in this zone is intense with some areas showing very strong development of secondary biotite within an altered groundmass. In general, the alteration is so strong that the core (BQ) can be broken between the fingers!

Some of the core in DDH 29 shows distinct brecciation and it is possible that all of the hole is brecciated, although the degree of alteration makes it uncertain. Despite the lack of sulfides this hole has the appearance of being part of a major porphyry-type center.

When one examines all of the drill holes in this area an alteration pattern appears on a large scale. (Figure 3) They show increasing alteration to the northeast which is on or near the edge of Falconbridge's grid. There is no outcrop in this area but there are weak IP and geochemical responses. This area is not favorable for geochemistry due to the presence of post-glacial lake terraces. If this area of alteration represents the center of the mineralizing event it is extremely significant in that it indicates a much larger favorable area for the occurrence of mineralization, much of which has not been covered by the exploration grids.

On return to Vancouver in July, examination was made of the fracture study carried out in April, 1988 by Mr. Michael Coupard of Hunting Geophysics, Canberra, Australia, on the 1: 72,000 aerial photo covering the Col property. This interpretation showed that the majority of lineaments noted fall into two patterns (Figure 4): first, a radial pattern which had a center corresponding to the alteration center noted in the above paragraphs, and the second prominent pattern was a series of concentric lineaments which made series of angular circles surrounding the same center. This is the pattern which occurs when one has an explosive event followed by collapse and is relatively common with the explosive type of porphyry deposits.

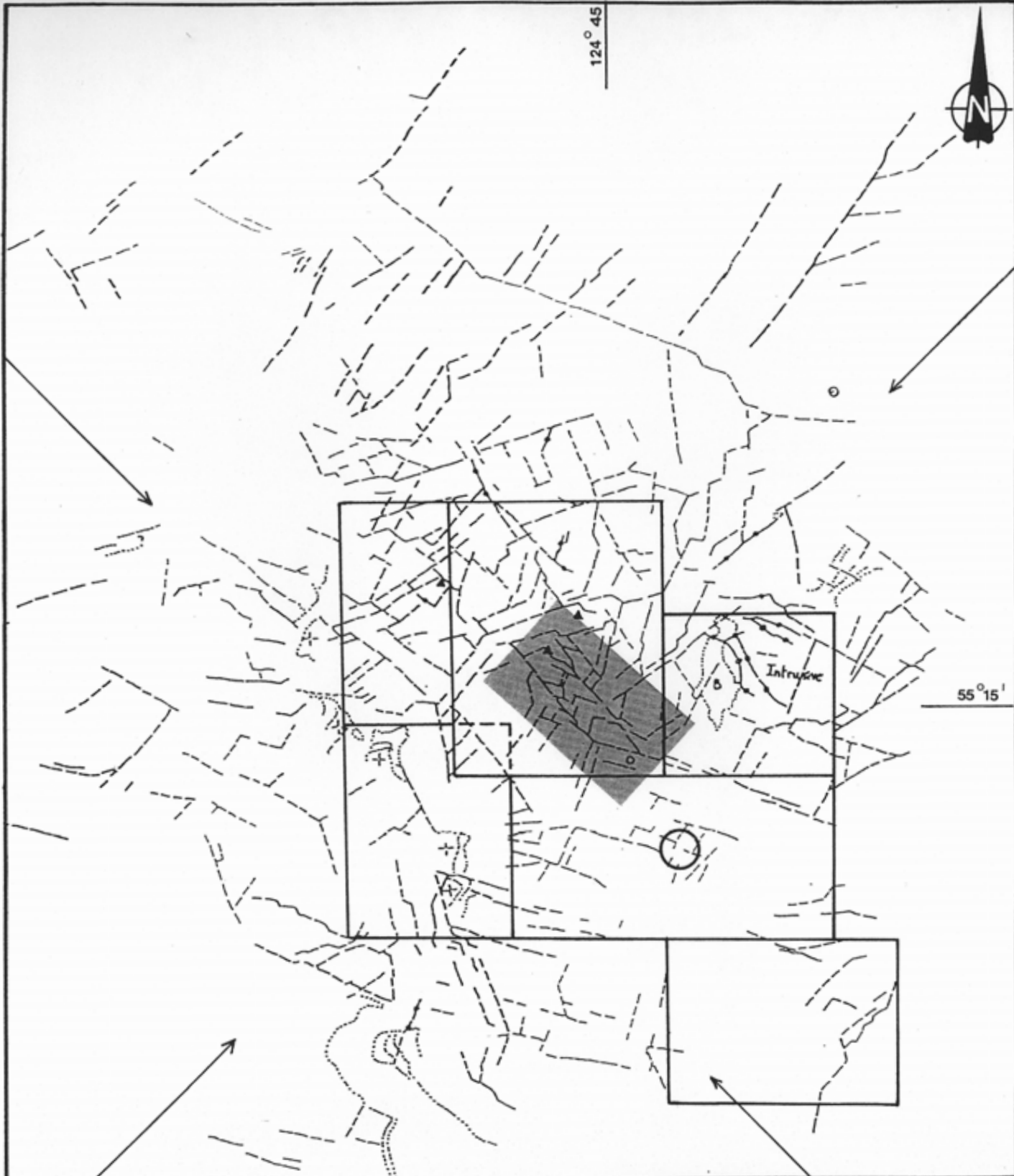


INCREASING ALTERATION  
 DRILLHOLE: INCLINED; VERTICAL

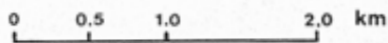


<b>KOOKABURRA GOLD CORP.</b>		
<b>COL GROUP ALTERATION TRENDS SOUTHEAST ZONE</b>		
<b>OMINECA MINING DIVISION</b>		
nts 93 N / 2,7	scale 1 10,000	date DEC. 5, 1988
drawn by JN	survey by DCR	figure 3

124° 45'



55° 15'



1988 SOIL GRID



EXPLOSIVE CENTER

(ARROWS POINT TO PHOTO CENTER: BC 87067-201)

- 13 -

KOOKABURRA GOLD CORP.

# COL GROUP FRACTURE PATTERN

OMINECA MINING DIVISION

nts 93 N / 2,7	scale 1: 50,000	date DEC. 5, 1988
drawn by JN	survey by MMC, DCR	figure 4

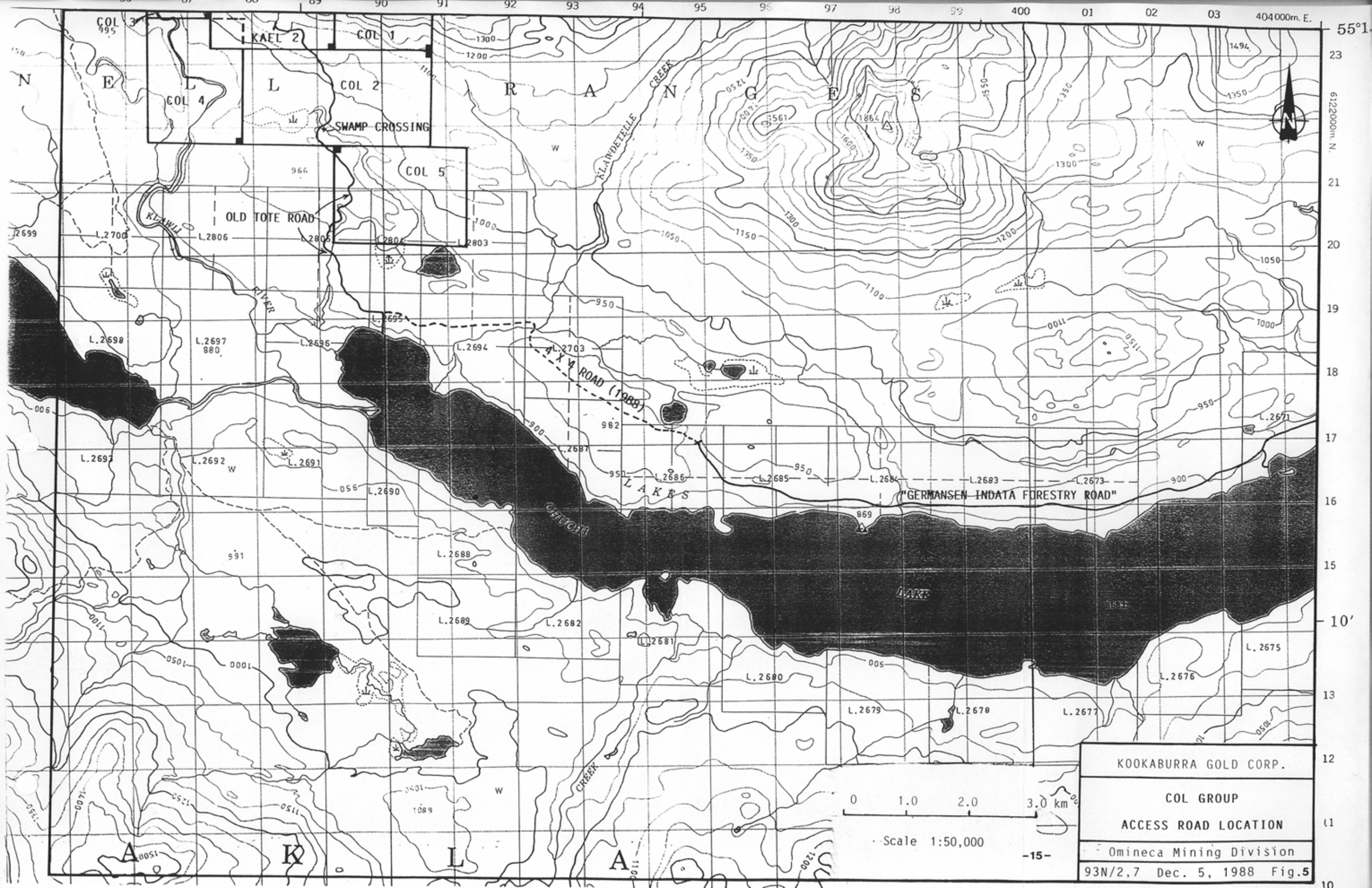


## PHYSICAL WORK

A D7 caterpillar was contracted in late August, 1988 to construct a 6.5 km, 4 x 4, access road which would link the old tote road, built by Falconbridge in 1971, with the Germansen-Indata Forest Service Road (see Figure 5). Some improvements were also made on the tote road so a 4 x 4 vehicle could reach the old campsite. A track-mounted loader, with a 2.5 yd bucket, was also hired to fill a 300 m long swampy stretch of the road with gravel ballast; this section of the road was impassable with a four-wheel-drive vehicle.

Five drill sites were also prepared with the caterpillar along the "A Zone" (see Map 1).

The cost of road construction and improvements was prorated to that work performed solely on the claims since the work was performed after the **Mineral Tenure Act** came into effect on August 15, 1988. The cost of the 6.5 km access road construction and subsequent slash clean-up is not claimed.



KOOKABURRA GOLD CORP.  
 COL GROUP  
 ACCESS ROAD LOCATION  
 Omineca Mining Division  
 93N/2.7 Dec. 5, 1988 Fig.5

0 1.0 2.0 3.0 km  
 Scale 1:50,000

## CONCLUSIONS

The geochemical survey carried out on the Col property has been successful in that it has shown several anomalous areas for gold in the soil sampling. The gold values are supported by copper in some cases and by arsenic in others. Some anomalous gold values occur independently. The majority of the anomalous values are in areas of overburden and occur between the two known areas of gold mineralization: the Campbell trench area and the "A Zone". The "A Zone" mineralization does not show a geochemical signature, however, weak anomalies occur on possible extensions. It is thought that this omission is caused by the heavy glacial overburden.

Geological review has shown that the lower value drill holes on the "A Zone" were caused by intersection of syenitic dikes and therefore, the zone should be considered open on both ends.

Review of the drill holes in the Southeast area shows an alteration pattern that suggests the center of alteration and probably the mineralization occurs to the east and extends past the **Falconbridge** grid coverage. This suggests that there is a relatively large favorable area that has not been covered by the geophysical or geochemical surveys.

A reinterpreting of the fractures shown on aerial photography gives a radial pattern with a center in the highly altered zone mentioned in the above paragraph. Such a pattern is usual with the explosive type of porphyries and serves to confirm the location of the center of the system.

## RECOMMENDATIONS

1. The location of the various gold anomalies mentioned in the interpretation of the gold geochemistry should be examined in the field.
2. Where overburden is shallow, bedrock should be examined by trenching.
3. Where overburden is deeper, the anomaly should be tested by diamond drilling.
4. Where possible, the previous drill intersections should be resampled and assayed for gold.
5. Additional drilling should be carried out on the "A Zone" in order to extend its length. At least two holes should be drilled parallel to the zone to give information on the dikes.
6. The grid should be extended to cover additional favorable areas to the southeast. The lines should be soil sampled and covered by magnetometer and IP surveys.

*John Nebocat*  
*D.C. Potherba*

## REFERENCES

- Band, R.B., 1971, Geochemical Report on the Chuchi Group -- Col Claims: Assessment Report #2933, Ministry of Energy, Mines & Petroleum Resources.
- Campbell, C., 1988, Summary Report of Col Copper-Gold Property: unpublished report.
- \_\_\_\_\_ 1986, Lithogeochemical Survey of the Kael #2 Mineral Claim: Assessment Report #15,423, Ministry of Energy, Mines & Petroleum Resources.
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- Garnett, J.A., 1978, Geology and Mineral Occurrences of the Southern Hogem Batholith: Bulletin 70, Ministry of Mines and Petroleum Resources.
- Harper, G., 1972, Quarterly Report (#3-72) Describing Work Undertaken on the Optioned Col Claims Between the 1st May and the 31st July, 1972 and Also Being a Final Report on Work Completed, Falconbridge Nickel Mines Ltd., unpublished report.
- \_\_\_\_\_ 1972, Annual Report of Progress During 1971 on the Col Claims, Chuchi Lake Option, Falconbridge Nickel Mines Ltd., unpublished report.
- Harper, G., and Brown, D.H., 1971, Report on Induced Polarization and Resistivity Survey on the Chuchi Mineral Claims: Assessment Report #3384, Ministry of Energy, Mines & Petroleum Resources.
- \_\_\_\_\_ 1971, Report on Magnetometer Survey on Lake Group Mineral Claims: Assessment Report #3383, Ministry of Energy, Mines & Petroleum Resources.
- Jenkins, D.M., 1988, Geochemical Program Supplement to the Geological Report on the Col Claim Group (1988): unpublished engineering report.
- \_\_\_\_\_ 1988, Geological Report on the Col Claim Group: unpublished engineering report.

## STATEMENT OF COSTS

### Labour

Don Rotherham: June 12-28, Nov. 27-30, Dec. 5, 1988. 22 days @ \$400/day	\$ 8,800.00
John Nebocat: June 13-16, Aug. 28-29, Sept. 12-16, Nov. 21-25, Dec. 2, 5, 1988. 18 days @ \$161/day	2,898.00
Lorne Graham: June 22-28, 1988. 7 days @ \$80/day	560.00
Jamie Rotherham: June 12-28, 1988. 17 days @ \$70/day	1,190.00

### Assays

878 samples analyzed for Cu, Au, Ag, As, Pb, Zn & Fe @ \$10.75/sample & FAX	9,447.00
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Helicopter	718.00
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Camp Supplies	2,285.00
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### Food & Accommodations

John Nebocat: 7 days @ \$20/day	140.00
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### 4 x 4 Rental

11 days @ \$35.00/day	385.00
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### Physical Work

D7 cat: 15 hrs. @ \$80/hr.	1,200.00
955 cat loader: 31 hrs. @ \$55/hr.	1,700.00
Lowbed transport: 15 hrs. @ \$72/hr.	1,080.00

Report typing, Reproductions	<u>200.00</u>
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\$ 30,603.00

## STATEMENT OF QUALIFICATIONS

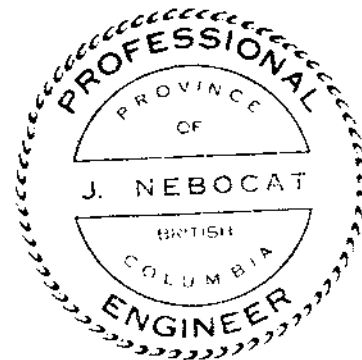
I, John Nebocat, residing at 13 - 230 West 14th Street, North Vancouver, British Columbia, declare that:

1. I am a geologist and Regional Manager in the employ of **Kookaburra Gold Corporation**, with an office at 203 - 698 Seymour Street, Vancouver, British Columbia.
2. I obtained a technical diploma at the **British Columbia Institute of Technology** in 1974 and subsequently graduated with a B.Sc. in Geological Engineering from the **Montana College of Mineral Science & Technology**, Butte, Montana, in 1984.
3. I am a registered Professional Engineer with the **Association of Professional Engineers of British Columbia**.
4. I have been employed in mineral exploration and earth science studies with industry and government since 1973.
5. I carried out and supervised parts of the work described within this report.



---

John Nebocat, P.Eng.  
Regional Manager,  
Kookaburra Gold Corp.

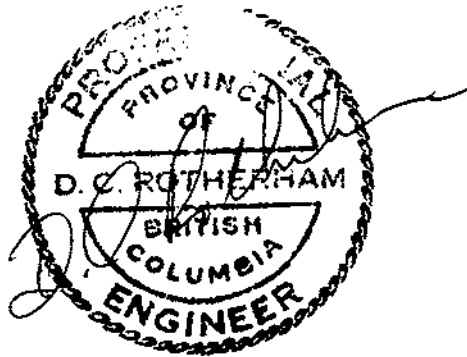


## STATEMENT OF QUALIFICATIONS

I, Donald C. Rotherham, do hereby certify:

1. I am a Consulting Geologist with offices at 931 Esquimalt Avenue, West Vancouver, British Columbia.
2. That I graduated with a Bachelor and a Master degrees in Geology from the University of Saskatchewan.
3. That I am a registered Professional Engineer in the Province of British Columbia.
4. That I have practiced my profession for over 25 years.
5. That I supervised the cutting of the control grid, the geochemical soil sampling and carried out a geological review of the property and the previous drilling on the Col Group.

  
Donald C. Rotherham, P.Eng.





**APPENDIX I**

**Soil Sample Results**

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P1+

ATTENTION: J. NEBOCAT

(604) 980-5814 OR (604) 988-4524

† TYPE SOIL GEOCHEM † DATE: OCT 19, 1988

(VALUES IN PPM)	AG	AS	CU	FE	PB	ZN	MO-PPB
2030	.6	3	243	27530	15	60	10
2031	.8	1	42	34320	17	41	5
2032	.7	6	23	33860	10	31	10
2033	.8	13	214	44380	18	51	5
2034	.6	9	51	40460	13	39	5
2035	.7	1	37	55090	16	45	5
2036	.8	5	156	35920	17	44	10
2037	1.0	17	2705	32330	22	46	5
2038	.7	16	313	40130	11	54	5
2039	.7	38	284	62250	14	49	5
2040	.8	28	950	50430	20	48	5
2041	.8	16	794	42660	34	44	5
2042	.9	2	2895	47830	72	69	5
2043	1.0	11	976	60630	35	69	5
2044	.9	17	651	66950	14	52	10
2045	1.0	18	495	68550	15	49	5
2046	.8	10	263	52980	14	55	30
2047	.9	14	228	58660	16	72	10
2048	.9	10	117	42530	16	41	5
2049	.9	15	1077	50220	21	40	10
2050	1.6	25	5213	65680	40	74	5
2051	1.1	17	494	64100	18	53	5
2052	1.4	23	4404	59080	75	67	5
2053	.8	7	322	55330	15	40	30
2054	.9	19	692	67730	16	45	5
2055	.7	12	213	84050	8	47	5
2056	.7	1	41	30910	12	28	10
2057	.6	8	394	42030	15	47	5
2058	.6	2	26	31900	16	34	5
2059	.7	6	34	32740	12	40	5
2060	.8	13	165	33890	14	58	5
2061	1.0	8	51	49530	16	82	10
2062	.9	10	314	46340	19	48	5
2063	.8	15	177	54880	14	69	5
2064	.8	4	371	30770	16	45	5
2065	.7	7	153	34420	15	49	5
2066	1.0	19	21	46230	19	59	5
2067	.9	12	751	61530	22	79	5
2068	.6	10	32	40340	13	44	5
2069	.7	10	100	35170	14	46	5
2070	.7	14	64	33020	14	46	10
2071	.8	9	116	39470	14	52	5
2072	.7	12	337	36560	9	47	5
2073	1.1	27	226	49520	21	64	5
2074	1.0	18	656	41660	19	52	5
2075	.9	24	591	50060	22	53	5
2076	.7	4	51	32750	12	40	5
2077	.7	1	94	42480	13	45	5
2078	.9	19	145	52030	20	81	5
2079	.9	16	1385	51320	19	52	5
2080	.6	7	192	29930	13	31	5
2081	.7	7	158	45570	17	83	5
2082	.6	2	31	34250	12	61	10
2083	.7	8	61	48620	12	61	5
2084	.6	10	237	40550	17	49	5
2085	.5	4	32	38080	13	46	5
2086	.6	7	19	28530	13	33	5
2087	.7	27	123	42110	12	52	5
2088	.9	39	220	63130	20	64	5
2089	.8	34	2097	31090	23	59	5

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P3+

ATTENTION: J.NEBOCAT

(604)988-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: OCT 19, 198

(VALUES IN PPM)	AG	AS	CU	FE	PB	ZN	AU-PPB
2090	.8	11	113	39790	19	60	5
2091	.8	9	168	59310	21	82	10
2092	.7	3	42	41030	12	40	5
2093	1.0	22	234	69290	26	75	5
2094	1.0	23	352	52170	28	88	5
2095	.8	4	52	51510	14	60	5
2096	.7	1	11	35670	15	55	5
2097	.7	6	11	35650	12	42	5
2098	.6	4	105	30980	11	40	5
2099	.7	2	57	32260	11	35	5
2100	.6	3	24	36050	11	27	5
2101	.6	1	8	31510	11	36	5
2102	.6	2	59	28350	18	33	10
2103	.7	5	60	48770	19	138	5
2104	.7	1	17	43440	17	52	10
2105	1.0	16	74	64930	17	102	5
2107	1.2	25	326	71010	24	114	5
2108	1.0	31	512	65630	24	83	5
2109	1.1	21	187	60370	24	95	5
2110	.7	2	125	42350	15	67	5
2111	1.1	22	157	77060	26	110	5
2112	.8	8	787	41440	25	97	10
2113	.9	37	1739	37160	20	73	5
2114	.8	30	339	50950	24	66	10
2115	.7	12	283	37570	12	63	5
2116	.9	8	313	51170	79	70	5
2117	1.1	35	224	68560	21	82	5
2118	.7	3	6	28810	12	25	5
2119	.7	11	99	47220	15	51	5
2120	.9	25	180	73320	23	71	5
2121	.8	2	86	32970	13	33	60
2122	.8	3	366	33340	21	46	5
2123	.7	11	513	26750	23	45	5
2124	.8	6	48	46580	14	51	10
2125	.8	7	84	39940	17	52	5
2126	.8	4	129	40020	16	50	5
2127	.7	1	83	45090	15	66	5
2128	.9	1	259	61170	15	78	5
2129	.7	3	44	43400	30	54	5
2130	.8	8	40	32710	12	42	10
2131	.8	7	56	41170	12	37	5
2132	1.2	19	307	70300	24	93	5
2133	1.2	17	416	79980	22	113	5
2134	.8	1	33	54190	14	54	5
2135	1.2	16	89	73660	17	95	10
2136	.8	11	11	42760	17	58	5
2137	1.1	19	59	80060	18	78	5
2138	.8	6	52	49170	15	69	5
2139	.7	12	23	34020	15	45	5
214020M	.6	9	267	55400	20	78	10
2141	.8	7	100	49010	15	85	5
214220M	1.0	10	489	47880	21	77	5
214320M	.9	17	412	41030	27	67	5
214420M	.7	6	156	32480	16	42	5
214540M	.6	9	129	30100	86	47	5
2146	.6	10	30	40680	13	54	150
2147	.8	14	27	45300	20	66	5
2148	.7	7	21	37650	20	58	5
214940M	.8	19	689	57780	13	83	10
2150	.7	10	42	33310	16	59	5

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P54

ATTENTION: J.NEBOCAT

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: OCT 19, 199

(VALUES IN PPM)	AG	AS	CU	FE	PB	ZN	AU-PPB
2151	1.0	9	113	42700	24	63	5
2152	.9	8	126	40350	20	55	5
2153	1.0	9	202	47360	22	67	5
2154	.9	9	352	45560	23	61	10
2155	.9	16	203	44950	17	74	5
2156	.8	19	260	43630	14	49	10
2157	1.2	37	190	81280	16	88	5
2158	.7	6	49	36260	16	56	10
2159	.6	1	29	25960	12	31	5
2160	.7	2	80	45480	15	39	5
216120M	1.0	16	477	45130	23	63	5
2162	.8	10	110	55920	16	82	5
216340M	.7	10	193	42920	17	42	5
216440M	1.3	17	775	55670	28	72	5
2165	.7	7	48	43850	16	69	10
2166	.8	11	11	46090	12	64	5
2167	1.2	17	98	71840	19	132	5
2168	.7	11	36	37310	11	51	5
216940M	.8	1	87	52620	13	66	5
2170	.6	6	10	30120	11	34	5
2171	.8	10	30	43260	11	63	5
2172	.6	3	15	33790	17	45	10
2173	.7	5	85	33640	14	35	5
2174	.7	14	95	36700	15	47	10
2175	.8	10	96	41470	15	47	10
217640M	.8	12	161	41340	20	52	5
2177	.8	9	104	40040	18	51	5
217840M	.6	2	96	28020	10	50	5
2179	.6	2	54	30840	18	40	5
2180	.6	6	32	30570	12	46	5
2181	.9	6	21	25250	14	50	5
2182	.7	2	24	29040	14	41	5
2183	.8	10	35	28690	18	39	5
2184	.7	1	8	19150	14	23	40
2185	.8	2	52	44630	15	96	5
2186	.7	1	27	32790	10	35	10
2187	.7	7	67	48540	13	61	5
2188	1.0	1	40	40330	17	46	5
2189	1.3	15	84	78670	20	120	5
2190	.9	9	173	49160	15	92	5
2191	1.0	8	85	57420	21	100	5
2192	.9	17	123	51920	18	59	5
2193	.9	12	134	45160	22	140	5
2194	1.0	13	215	52200	24	77	5
2195	.7	10	64	37300	14	39	5
2196	.8	10	107	49530	18	37	15
2197	.8	7	140	44080	17	57	10
2198	1.0	21	158	67500	20	81	5
2199	1.3	17	121	65680	17	107	5
2200	.7	4	42	38410	15	46	5
2201	.6	3	16	28630	17	32	10
2202	.6	3	16	32060	13	35	5
2203	.6	7	52	32660	15	28	5
2204	.7	18	322	34740	22	46	5
2205	.6	3	55	33420	15	43	10
2206	.8	7	86	45680	14	53	5
2207	.8	6	59	39080	19	40	5
2208	.7	4	32	28060	15	51	5
2209	.7	4	8	29380	17	59	5
2210	.6	1	39	35410	16	54	5

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P7+8

ATTENTION: J. NEBOCAT

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: OCT 19, 1988

(VALUES IN PPM)	AS	CS	CU	FE	PB	ZN	AU-PPB
2211	1.1	6	198	43130	21	92	5
2212	.9	4	276	39460	16	50	10
2213	.9	14	940	48040	22	51	10
2214	.7	8	122	41490	17	48	200
221540M	.8	12	1436	33970	19	53	5
221520M	.4	5	617	2150	12	53	5
2217	.6	1	58	46410	13	48	5
2218	.7	10	53	56930	13	54	10
2219	.6	6	49	43200	11	36	5
2220	.6	6	102	38900	18	39	5
2221	.8	8	355	55900	15	89	5
2222	.7	2	326	51500	16	60	5
2223	.9	5	414	49060	22	94	5
2224	.6	1	37	31490	11	33	95
2225	1.1	14	433	61880	21	93	10
2226	.8	13	379	46940	19	43	25
2227	.8	10	289	43660	16	55	80
2228	.8	9	316	40320	18	47	5
2229	.7	5	72	36340	19	43	5
223040M	.9	20	1233	70380	32	80	10
223120M	.4	4	485	3680	11	61	5
2232	.6	1	68	38440	15	43	40
2233	.7	7	10	51370	14	51	5
2234	.7	15	155	58000	17	51	10
2235	.7	8	105	49670	17	47	5
223620M	1.1	24	1682	50210	24	80	5
2237	.7	7	167	38270	12	49	5
223840M	1.0	20	970	49330	24	60	5
2239	.7	1	53	24200	13	30	5
2240	.6	1	13	39430	14	33	5
2241	1.0	11	39	41380	22	51	10
224240M	.8	13	33	33610	13	33	5
224340M	.7	7	127	26940	19	43	5
2244	.8	14	356	35990	23	56	5
2245	.8	10	716	37450	24	53	5
2246	.9	9	682	37630	21	56	5
2247	.7	5	351	37480	15	52	5
2248	.7	8	164	31700	12	45	5
2249	.6	1	152	28150	14	37	10
225040M	.6	1	106	21180	16	33	5
2251	.7	1	47	32550	14	50	5
2252	.6	15	34	40640	16	34	5
2253	.7	11	28	52040	16	54	10
225440M	.7	14	247	45840	18	52	5
2255	.7	10	33	47310	16	40	5
2256	.6	9	38	39830	12	47	5
2257	.8	12	143	44950	16	49	5
2258	.8	1	33	68340	13	45	5
2259	.9	14	279	45160	20	39	35
2260	.7	1	23	27550	12	33	5
2261	.6	2	7	48990	9	33	10
2262	.8	20	565	56720	29	65	5
2263	.6	9	23	41050	15	28	5
2264	.6	2	49	24490	12	28	5
2265	.6	10	12	46890	10	42	5
2266	.7	6	183	24710	14	51	5
2267	.8	11	203	30850	18	46	10
2268	.7	1	17	31110	11	33	5
2269	.9	20	304	44180	20	56	5
2270	.6	8	159	18290	12	51	5

COMPANY: KOOKABURRA GOLD  
 PROJECT NO: COL  
 ATTENTION: J.NEBOCAT

MIN-EN LABS ICP REPORT  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF  
 FILE NO: 8-1760/P9+1  
 # TYPE SOIL GEOCHEM # DATE: OCT 19, 198

(VALUES IN PPM )	AG	AS	CU	FE	PB	ZN	AU-PPB
2271	1.3	18	230	36720	26	49	5
2272	1.2	15	82	33140	25	48	5
2273	1.1	21	111	35920	21	61	20
2274	1.1	21	263	43590	28	56	5
2275	1.3	22	832	59100	26	107	5
2276	.9	16	238	34450	19	53	5
2277	1.0	14	252	48620	15	55	10
2278	.9	12	194	40360	18	66	5
2279	1.0	21	492	47210	29	67	5
2280	.8	6	109	35600	14	40	5
2281	.8	11	73	30360	17	37	5
2282	1.0	22	421	58280	20	61	10
2283	.8	11	248	40900	22	52	5
2284	.8	10	140	21890	15	43	5
2285	.7	9	62	36470	17	39	5
2286	.8	8	181	34390	14	41	5
2287	.8	7	51	36290	18	58	5
2288	.8	14	56	45340	18	45	5
2289	1.0	26	453	51010	24	68	5
2290	.8	15	60	36330	17	33	5
2291	.8	9	33	35720	17	41	10
2292	.8	15	166	36300	15	33	15
2293	.7	8	23	40160	17	53	5
2294	.8	10	150	39850	16	45	10
2295	.8	5	94	30720	18	36	5
2296	.8	14	78	44400	13	49	5
2297	.7	4	135	35590	10	32	10
2298	.8	10	125	38440	17	36	5
2299	.7	6	126	22260	16	33	5
2300	.7	12	86	33180	16	38	5
2301	1.1	13	181	34820	25	54	5
2302	1.1	32	772	65900	30	79	5
2303	1.0	12	225	47560	13	65	5
2304	.9	2	36	20810	18	27	10
2305	.8	11	25	51450	12	33	5
2307	1.0	13	36	78320	20	73	5
2308	.7	1	15	40020	10	39	5
2309	.9	10	147	37170	19	51	10
2310	.8	13	332	39740	20	53	5
2311	1.0	18	285	48490	16	67	5
2312	1.0	44	1257	43860	27	75	5
2314	1.0	35	594	54210	26	66	10
2315	1.0	19	158	56170	19	66	10
2316	.8	4	34	33770	17	37	5
2317	.9	11	232	41460	21	47	20
2318	.7	6	108	30400	11	34	5
2319	.8	11	148	44300	16	38	5
2320	.8	8	77	42920	11	53	5
2321	1.0	12	60	42100	17	51	5
2322	.9	15	255	44810	18	50	5
2323	.9	11	164	43590	13	46	5
2324	.9	12	45	46700	21	79	10
2325	.9	9	114	46870	16	62	30
2326	.8	7	21	35830	17	56	5
2327	.9	15	170	49060	15	48	5
2328	1.4	24	279	66420	18	94	5
2329	1.0	9	39	43730	15	74	15
2330	.8	7	43	35550	11	51	70
2331	.8	4	45	41060	12	63	5
2332	.8	10	98	44550	20	56	200

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P11+1

ATTENTION: J.NEBOCAT

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: OCT 19, 198

(VALUES IN PPM)	AG	AS	CU	FE	PB	ZN	AU-PPB
2333	1.3	15	232	45020	24	61	5
2334	1.1	13	147	37480	17	48	5
2335	.9	19	127	40320	16	55	5
2336	.9	6	84	25870	14	35	5
2337	.7	4	28	34970	13	46	5
2338	1.0	15	188	48100	13	46	10
2339	.8	1	45	41890	13	62	5
2340	.8	11	131	43650	13	44	5
2341	.9	10	28	46760	15	67	5
2342	.9	26	460	53540	15	46	5
2343	.7	4	15	34440	12	32	5
2344	.8	7	97	42290	10	57	15
2345	.7	5	50	33400	13	30	5
2346	.6	1	36	27200	10	31	5
2347	.8	13	40	42340	12	78	5
2348	1.0	50	298	56500	23	135	10
2349	.8	7	50	48460	10	87	5
2350	.8	19	308	40090	15	57	5
2351	.8	11	64	47170	13	60	5
2352	.8	8	187	42720	13	67	5
2353	.6	1	25	35360	11	42	5
2354	1.1	11	205	68320	23	132	5
2355	.7	12	235	40090	14	59	5
2356	1.0	16	135	67120	18	122	5
2357	1.0	13	149	54560	17	105	10
2358	.9	7	110	49560	16	78	5
2359	.8	1	76	41370	11	46	5
2360	1.0	11	72	53730	21	80	5
2361	.9	22	65	59810	23	82	5
2362	.9	3	55	55340	26	74	145
2363	1.1	10	9	41910	20	74	5
2364	1.1	18	145	64960	26	127	5
2365	.9	9	155	53920	19	65	5
2366	1.0	16	117	59660	20	69	5
2367	1.1	10	175	56770	24	85	5
2368	1.2	32	374	69160	18	110	5
2369	.9	13	171	55510	24	74	5
2370	.8	3	267	47540	22	100	5
2371	.8	7	168	48540	16	80	5
2372	.6	1	77	29660	14	34	5
2373	.6	5	90	36790	20	44	5
2374	.6	2	156	33680	8	46	5
2375	.6	1	133	30860	12	29	5
2376	.8	14	490	47780	20	79	5
2377	.6	1	53	30950	10	36	5
2378	.6	2	150	37340	25	36	335
2379	.7	10	279	39450	20	51	5
2381	.8	14	380	35530	18	61	5
2382	.7	11	120	39070	13	65	5
2383	.7	11	86	37160	18	88	5
2384	.8	12	146	51420	22	82	10
2385	.6	8	97	33410	12	56	5
2387	.6	3	22	33490	15	36	5
2388	.6	1	47	28350	11	31	5
2390	.5	1	39	36320	10	27	5
2391	.6	5	77	28720	11	36	5
2392	.5	1	31	29140	8	27	5
2393	.6	8	203	37670	18	41	5
2394	.7	16	420	38960	17	45	5
2395	.7	14	410	42670	18	54	5

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1766/P13+14

ATTENTION: J. NEBOCAT

(604) 980-5814 OR (604) 988-4524

\* TYPE SOIL GEOCHEM \* DATE: OCT 19, 1988

(VALUES IN PPM)	AG	AS	CU	FE	PB	ZN	AU-PPB
2396	1.0	6	46	30320	20	58	5
2397	1.1	12	434	49230	26	61	5
2399	1.1	26	756	56150	27	85	5
2401	.9	17	121	36000	16	45	5
2402	.8	3	22	33060	12	37	5
2403	.8	17	38	38930	16	40	5
2404	.9	13	62	41260	12	38	5
2405	.8	15	45	45180	15	55	40
2406	.8	4	124	42240	11	43	5
2407	.8	6	88	38610	13	44	5
2408	.9	14	116	45340	16	68	5
2409	1.1	32	860	66750	29	106	15
2410	.8	9	72	45640	14	58	10
2411	.9	8	67	47420	16	75	5
2412	.8	6	38	22570	15	38	5
2413	1.0	23	377	50240	24	73	5
2414	.9	12	120	37930	17	70	5
2415	.8	11	61	37100	10	46	5
2416	.8	6	38	32890	13	43	10
2417	.7	7	35	24270	13	44	5
2418	.8	5	67	44230	20	62	5
2419	.9	18	49	53450	14	94	5
2420	.7	14	172	38540	19	58	5
2421	.8	20	66	35160	13	52	5
2422	.8	8	30	28290	13	46	5
2423	.7	1	24	28210	12	38	5
2424	.6	12	45	28840	12	46	5
2425	.8	16	106	34450	11	52	5
2426	.8	12	90	34620	14	45	5
2427	.7	2	19	21460	12	31	5
2428	1.3	16	48	28490	25	43	10
2429	1.0	10	72	31760	17	43	5
2430	1.0	19	195	39810	20	47	5
2431	1.1	10	577	46670	23	62	15
2432	1.0	18	486	33120	19	47	20
2433	.8	11	123	34860	17	39	5
2434	.7	1	19	26520	16	28	5
2435	1.0	23	1712	52150	34	78	15
2436	.8	11	551	36970	17	44	15
2437	1.0	29	2203	35700	29	63	25
2438	1.0	25	971	40720	25	71	5
2439	.7	11	98	32710	16	50	10
2440A	.8	8	45	29040	12	46	5
2440B	.8	11	38	43870	19	58	5
2441	.7	13	74	34910	16	41	5
2442	.7	13	83	35610	13	50	70
2443	.7	12	54	38050	15	45	5
2444	.8	15	88	44490	14	69	5
2445	.7	7	56	37450	13	43	10
2446	.7	2	60	31630	13	36	20
2447	.6	8	45	32840	15	42	5
2448	.7	6	75	28890	13	46	5
2449	.7	11	229	38670	17	53	5
2450	.7	12	36	38100	11	47	5
2451	.7	2	26	35070	13	44	5
2452	.8	4	107	39480	15	48	5
2453	1.1	31	212	43970	16	63	10
2454	.7	9	113	32680	15	40	5
2455	.7	14	196	33970	17	45	5
2456	.9	14	1865	33920	24	63	5



PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P15+16

ATTENTION: J.NEBOCAT

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: OCT 19, 1988

(VALUES IN PPM )	AG	AS	CU	FE	PB	ZN	AU-PPB
245740M	.7	6	1486	3300	24	53	15
2458	1.0	17	354	32330	22	43	5
2459	.9	12	205	35300	18	51	5
2460	1.0	18	343	43500	26	66	5
2461	.8	7	299	34770	15	52	30
2462	.7	5	37	38670	21	52	5
2463	.9	17	600	46180	24	66	15
2464	.8	16	147	36240	17	51	5
2465	.7	10	133	30650	18	42	5
2466	.7	1	28	30870	10	31	5
2467	.8	7	113	34040	17	41	5
2468	.7	8	71	36740	16	48	5
2469	.8	13	57	47840	18	62	5
2470	.7	2	53	28010	11	39	5
2471	.7	5	25	32350	16	45	5
2472	.9	18	123	50570	18	76	5
2473	.8	14	101	47920	21	58	5
2474	1.1	10	187	59930	21	93	5
2475	1.3	30	344	85670	17	98	5
2476	.8	23	336	38350	20	54	65
2477	.8	19	335	30600	22	52	5
2478	.8	28	415	38310	23	53	5
2479	.7	3	48	25660	11	27	5
2480	.7	14	121	36360	21	52	5
2481	.7	10	81	33110	20	39	5
2482	.7	13	32	39710	11	56	5
2483	.7	10	80	32660	16	46	5
2484	.8	15	209	31550	17	49	5
2485	.8	11	134	57900	20	43	5
2486	.7	14	293	36420	20	52	5
2487	1.0	14	427	30440	29	43	5
2488	1.2	16	916	40510	33	57	20
2489	.8	4	708	9890	14	48	15
2490	1.2	28	1278	61400	58	80	15
2491	.7	11	79	46980	22	44	20
2492	.8	9	87	45460	19	51	10
2493	.8	12	218	54280	12	59	15
2494	.7	8	146	48630	15	44	35
2495	.7	5	29	43710	11	74	5
2496	.7	5	10	34470	13	45	5
2497	.7	3	24	33460	12	40	5
2498	1.0	11	31	46990	13	72	5
2499	1.0	26	322	53670	24	75	5
2500	.6	3	18	27630	14	41	5
250140M	.5	7	487	11490	10	60	5
2502	.7	21	451	44240	15	55	10
2503	.8	15	343	40140	19	60	5
2504	.7	13	249	46190	15	64	5
2505	.9	7	938	24510	18	46	5
2506	.6	8	134	43690	19	51	5
2507	.8	10	49	45120	27	79	5
2508	.8	20	344	69590	41	78	5
2509	.9	20	271	51120	38	83	5
2510	.9	21	145	67830	28	81	10
2511	.8	16	22	39580	12	44	5
2512	1.1	23	344	71820	20	101	5
2513	.8	8	114	43700	12	37	5
2514	.7	3	232	29450	12	61	5
2515	.8	10	110	45030	11	68	5
2516	.7	2	223	39170	12	66	5

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P17+1

ATTENTION: J.NEBOCAT

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: OCT 19, 198

(VALUES IN PPM )	AG	AS	CU	FE	PB	ZN	AU-PPB
2517	.9	9	58	44770	23	51	5
2518	.8	7	46	34430	16	51	10
2519	.8	9	21	42170	19	64	5
2520	.7	3	11	38200	14	43	5
2521	.9	9	757	47100	28	65	5
2522	.8	7	85	42690	17	61	5
2523	.7	7	25	53030	13	69	5
2524	1.1	5	73	58740	20	91	5
2525	.5	2	28	35260	16	54	5
2526	.5	1	225	42720	21	80	5
2527	.7	4	29	40810	16	59	5
2528	.7	12	59	48990	17	73	5
2529	.6	12	192	42390	19	41	5
2530	.6	1	14	39740	13	54	10
2531	.8	8	199	39620	16	55	5
2532	.8	12	909	39220	19	50	45
2533	.8	11	254	44790	24	71	5
2534	.7	8	21	48080	11	62	5
2536	.9	8	273	49530	16	110	5
2537	.7	6	201	40010	13	56	5
2538	.9	11	262	66620	17	77	5
2539	1.1	13	663	58100	28	100	5
2540	1.1	26	1315	72760	29	117	5
2541	1.0	25	1574	58790	32	78	5
2542	.7	5	138	41690	19	35	10
2543	.8	13	758	38940	18	44	5
2544	.8	3	1178	48500	18	78	5
2545	.9	19	311	70460	19	114	5
2546	1.1	21	1177	64050	25	98	40
2547	1.0	17	720	54790	29	116	5
2548	1.0	17	717	57210	15	112	130
2549	.7	4	73	33150	11	53	5
2550	.7	4	34	34700	10	51	20
2551	.7	5	14	29330	7	33	10
2552	.7	9	140	34070	9	39	5
2553	.7	7	80	50290	12	56	10
2554	.7	16	54	38510	12	76	5
2555	.8	11	22	45080	11	63	5
2556	.7	10	67	39110	14	79	5
2557	.8	9	53	41420	14	40	5
2558	.8	7	199	41310	13	71	5
2559	1.0	16	617	64820	23	99	10
2560	1.2	22	291	74380	17	101	5
2561	1.3	11	116	59700	13	131	5
2562	1.1	19	289	74330	28	140	5
2563	.7	6	23	36670	15	37	5
2564	1.0	26	144	68320	12	93	5
2565	.8	17	134	51130	17	86	5
2566	.8	14	154	51670	17	85	10
2567	1.0	17	774	80650	12	89	5
2568	.6	10	47	45490	20	66	5
2569	.6	5	32	30280	10	33	5
2570	.8	3	26	37120	14	43	5
2571	.7	2	85	45430	13	40	10
2572	.8	12	22	42160	27	65	5
2573	.8	16	21	41670	15	61	5
2574	1.0	7	224	62260	19	98	5
2575	.9	18	104	48860	17	59	5
2576	.5	4	808	32990	19	43	5
2577	.9	33	427	59360	17	61	5

(VALUES IN PPM)	AG	AS	CU	FE	PB	ZN	AU-PPB
2578	.9	21	441	47696	18	53	15
2579	.9	13	96	46096	19	46	175
2580	1.0	15	1645	45876	22	85	70
2581	.7	5	101	29576	17	46	5
2582	.7	3	36	36530	15	57	5
2584	.7	12	252	38146	12	60	5
2585	.8	11	656	47476	25	80	15
2587	.8	15	347	43726	21	68	10
2588	.7	12	252	37166	17	50	5
2589	.7	9	106	36830	11	51	10
2590	.7	14	60	35456	13	40	5
2591	.7	7	40	34820	15	41	5
2592	.7	4	36	33650	16	32	5
2593	.7	5	27	32756	12	51	5
2594	1.0	35	1346	49476	23	77	15
2595	.7	6	65	31780	15	52	5
2596	.8	4	82	29520	12	42	5
2597	.7	6	12	33750	10	45	5
2598	.7	1	9	28040	12	35	5
2599	.7	5	12	24090	10	47	10
2600	.6	9	15	26820	16	51	5
2601	.7	11	86	34580	10	39	5
2602	.6	2	26	32520	10	40	5
2603	.7	13	181	35550	13	40	5
2604	.7	6	36	36870	10	41	5
2605	.6	4	18	29330	13	48	5
2606	.8	10	206	36040	16	45	5
2607	.6	4	82	29400	14	46	5
2608	.7	6	184	30230	11	38	5
2609	.6	8	36	29150	13	38	5
2610	.6	4	5	24390	14	31	5
2611	.6	1	21	31230	19	58	5
2612	.6	9	5	28350	16	40	5
2613	.6	3	8	23380	13	40	5
2614	.6	4	13	30560	17	49	5
2615	.6	4	284	30290	15	40	10
2616	.6	1	28	31010	16	33	5
2617	.6	1	16	31030	14	32	5
2618	.6	3	4	30620	14	50	5
2620	.6	3	5	29510	16	35	5
2621	.6	1	5	27610	13	40	5
2622	.6	5	6	29200	13	34	5
2623	.7	9	53	30190	18	66	5
2624	.7	8	36	32870	15	41	5
2625	.7	8	43	36470	18	40	5
2626	.8	12	64	40930	30	59	5
2627	.8	6	37	38920	19	48	5
2628	.7	10	204	32820	20	35	5
2629	.7	9	45	34570	15	38	5
2630	.7	12	67	30890	18	42	5
2631	.7	12	51	28910	13	39	5
2632	.6	8	20	28240	17	38	5
2633	.6	8	6	32250	12	42	5
2634	.6	3	16	30910	17	38	5
2635	.6	9	32	34700	10	37	5
2636	.6	2	9	38520	15	49	5
2637	.7	3	21	31590	11	33	10
2638	.7	5	171	38800	16	46	5
2639	.7	8	115	22230	17	40	5
2640	.6	6	16	25760	15	33	5

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P21+2:

ATTENTION: J.NEBOCAT

(604)980-5814 OR (604)988-4524

# TYPE SOIL GEOCHEM # DATE: OCT 19, 198:

(VALUES IN PPM)	AG	AS	CU	FE	PB	ZN	AU-PPB
2641	.8	13	13	35690	15	43	5
2642	.8	19	14	24170	18	40	5
2643	.8	7	7	22730	15	35	50
2644	.7	10	7	31040	13	49	5
2645	.7	16	87	28100	14	48	5
2646	.7	17	166	34450	23	54	10
2647	.7	15	27	21420	18	54	5
2648	.6	6	9	27570	9	36	5
2649	.6	3	11	23090	9	32	5
2650	.6	12	49	25100	14	38	5
2651	.7	25	186	36930	16	53	5
2652	.6	14	88	28590	19	49	5
2653	.6	12	32	22310	14	31	5
2654	.6	10	124	18350	15	31	5
2655	.8	8	45	36470	16	50	5
2656	.7	14	149	40800	13	56	5
2657	.8	24	383	42700	23	58	5
2658	1.2	22	1042	59370	35	104	15
2659	.7	16	100	35850	12	49	5
2660	.8	22	223	45640	16	74	5
2661	.7	5	14	38780	14	62	5
2662	.9	23	258	53160	23	81	10
2663	.8	13	468	48040	61	59	15
P664	.6	7	103	29410	14	35	5
2665	.7	23	116	37990	19	53	5
2666	.6	13	53	33160	15	35	5
2667	.8	16	77	39970	38	62	5
2668	1.0	28	67	57680	46	78	15
2669	.7	15	30	39310	16	38	5
2670	.9	19	135	51520	16	54	5
2671	.8	4	64	27710	14	34	180
2672	.9	21	2181	46120	24	51	25
2673	1.0	10	495	40970	21	55	20
2674	.9	12	612	57470	27	91	15
2675	1.3	27	2318	68300	23	77	15
2676	1.2	23	1608	65070	25	73	15
2677	.8	13	197	42500	19	43	5
2678	.8	10	147	42070	19	45	5
2679	.7	5	144	44490	18	86	10
2680	.8	10	261	37650	20	53	5
2681	1.0	7	364	49180	27	128	5
2682	.7	19	380	35490	18	63	5
2683	.8	12	891	46730	23	72	15
2684	.7	7	60	36460	15	56	10
2685	.7	1	34	31160	11	74	5
2686	.7	1	181	37940	13	47	5
2687	1.1	23	1675	59070	38	80	20
2688	.8	12	505	48270	30	125	10
2689	1.0	18	199	45640	23	106	5
2690	.9	14	257	53160	16	83	5
2691	.8	10	92	44920	23	100	5
2692	.7	5	39	32530	16	51	5
2693	.9	22	317	48230	22	63	5
2694	.8	14	257	47510	21	51	250
2695	.8	12	226	54160	26	143	5
2696	.8	2	35	34020	16	48	80
2697	.7	5	107	36150	17	60	10
2698	.8	7	29	38470	15	72	5
2699	.6	8	284	37460	20	48	30
2700	.6	9	135	29380	15	46	30

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-1760/P23+24

ATTENTION: J. NEBOCAT

(604)980-5814 OR (604)988-4524

# TYPE SOIL GEOCHEM # DATE: OCT 19, 1988

(VALUES IN PPM)	AG	AS	CU	FE	PB	ZN	AU-PPB
2701	.7	9	106	50140	39	88	10
2702	.7	8	457	52140	198	457	45
2703	.8	21	346	47540	19	83	20
2704	.7	1	31	34430	19	45	10
2705	.7	10	15	34560	19	58	10
2706	1.1	21	91	72440	21	160	5
2707	.9	24	446	71950	22	111	15
2709	.9	11	302	41460	13	73	35
2711	.7	8	25	36480	12	51	30
2712	.7	8	53	32120	14	47	10
2713	1.1	6	1199	57560	26	85	370
2714	1.0	8	1247	68160	19	68	495
2715	.7	15	155	34250	18	38	15
2716	1.0	1	259	45960	18	85	25
2717	.7	8	303	44050	16	39	30
2718	.8	13	187	41730	16	45	20
2719	.7	10	57	33820	14	36	10
2720	.7	4	37	35720	12	33	50
2721	.6	8	33	35760	13	41	25
272240M	.7	10	2578	6090	14	64	20
2723	.8	13	95	42630	15	76	20
2724	.9	21	1022	61770	26	188	40
2725	1.2	25	365	66920	22	98	5
2726	1.0	13	38	54820	18	52	10
2727	.6	16	126	38610	24	83	10
2728	.9	12	144	36510	20	45	30
2729	.9	12	323	52410	19	75	20
2730	.8	7	8	59840	11	42	20
2731	.7	22	281	32360	19	53	5
2732	.8	17	167	29190	13	41	10
2733	.7	9	8	29690	15	27	5
2734	.6	10	8	33640	15	26	10
2735	.6	5	12	27870	17	23	5
2736	.6	2	9	34480	13	30	5
2737	.7	5	18	29930	14	38	10
2738	.7	12	123	32450	24	49	5
2739	.6	5	19	28670	12	41	5
2740	.7	5	9	48150	13	39	5
2741	.7	3	11	43280	15	77	10
2742	.6	10	10	39920	16	58	5
2743	.7	9	9	33520	15	37	5
2744	.7	8	26	24020	15	25	5
2745	.7	7	11	35060	16	34	10
2746	.7	1	9	32770	14	33	5
2747	.7	5	8	28680	16	34	5
2748	.8	10	22	19170	14	38	5
2749	.8	11	43	18950	17	31	5
275040M	.8	9	121	20820	18	38	5
2751	.8	20	155	35700	25	51	5
2752	.7	3	14	26910	10	21	5
2753	.7	12	9	38570	11	38	5
2754	.6	16	8	35900	9	41	10
2755	.7	11	17	16080	16	23	5
2756	.6	1	8	21860	7	13	5
2757	.7	6	8	27610	14	31	5
2758	.7	12	9	28910	15	25	5
2759	.6	3	8	28380	11	37	5
2760	.7	4	9	29020	13	28	5
2761	.7	5	9	37500	13	40	5
2762	.6	14	10	30280	15	36	5

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P25+26

ATTENTION: J.NEBOCAT

(604)980-5814 OR (604)988-4524

# TYPE SOIL GEOCHEM # DATE: OCT 19, 1986

(VALUES IN PPM)	AG	AS	CU	FE	PB	ZN	AM-PPB
2763	1.0	3	17	37690	12	34	5
2764	.7	9	48	31290	18	38	10
2765	.7	11	31	19890	13	31	5
2766 40MESH	.7	14	90	39180	23	58	5
2767	.7	7	9	19360	15	26	15
2768 40MESH	.6	1	33	34220	17	47	5
2769	.6	12	26	25290	13	34	5
2770	.6	5	9	24210	13	24	5
2771	.6	5	14	23180	21	39	10
2772	.6	10	30	16010	13	43	10
2773	.6	8	14	16640	14	33	10
2774	.6	13	9	27610	15	37	5
2775	.6	2	9	26300	12	27	5
2776	.6	5	10	30560	14	31	40
2777	.6	10	10	32340	12	34	10
2778	.6	2	9	22100	12	25	15
2779	.6	3	10	33550	12	39	10
2780	.7	9	10	14890	14	22	10
2781	.7	6	10	26210	14	30	5
2782	.6	5	23	8090	16	20	5
2783	.7	20	153	26980	19	34	5
2784	.7	4	9	49060	11	39	5
2785 40MESH	.8	15	104	52120	19	46	5
2786 40MESH	.6	9	142	2290	22	84	5
2787	.7	21	361	40640	30	62	20
2788	.7	15	101	37270	13	41	15
2789	.8	14	290	47590	23	46	120
2790	.7	9	34	34390	9	30	25
2791	.7	10	77	57500	14	38	10
2792	.7	1	10	56840	10	30	10
2793	.7	1	7	35960	11	35	5
2794	.8	76	420	52980	34	139	20
2795	.9	45	583	41070	24	61	20
2796	1.0	23	49	46230	26	97	5
2797	.8	12	54	29890	14	45	5
2798	.7	17	156	41770	21	47	10
2799	.8	25	1430	39540	26	67	25
2800	.8	18	78	39140	15	55	5
2801	.7	9	37	38340	9	46	5
2802	.7	10	7	29060	10	45	5
2803	.9	28	1143	51520	22	78	75
2804	1.0	18	405	52100	19	96	50
2805	1.2	16	682	67240	20	118	25
2806	.7	4	112	35090	17	95	40
2807	.7	11	167	22690	17	40	10
280940M	.7	15	1691	8140	20	61	40
2810	.7	10	66	55520	14	69	10
2811	.7	14	58	44090	15	39	15
2812	.7	6	124	48200	12	31	25
2813	.9	18	24	48310	18	51	5
2814	.7	18	118	45950	13	39	5
2815	.7	5	12	32900	12	31	5
2816	.9	21	150	48400	25	65	5
2817	.9	36	750	60600	28	53	25
2818	1.0	32	219	58360	20	67	10
2819	.6	7	24	37730	13	30	10
2820	.6	2	56	30060	10	25	10
2821	.6	3	34	41150	13	33	20
2822	.6	11	99	48480	14	54	70
2823	.7	10	285	39110	10	38	15

PROJECT NO: COL

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1760/P27+28

ATTENTION: J.NEBOCAT

(604)980-5814 OR (604)988-4524

\* TYPE SOIL GEOCHEM \* DATE: OCT 19, 1988

(VALUES IN PPM )	AG	AS	CU	FE	PB	ZN	AU-PPB
2824	1.0	9	270	43180	21	66	10
2825	.8	13	206	35870	16	66	15
2826	1.1	16	704	63960	17	80	20
2827	.7	10	21	37010	16	48	5
2828	.8	10	138	38960	18	44	5
2829	.8	10	207	33460	14	44	160
2830	.7	1	20	23850	12	20	25
2831	.6	12	33	35450	15	32	10
2832	.6	7	59	32820	14	28	15
2833	.6	2	40	51850	11	31	30
2834	.7	14	97	41620	15	43	5
2835	.8	52	66	41890	16	36	20
2836	.6	12	14	31250	12	30	15
2837	.7	23	84	39630	19	52	45
2838	.7	15	48	34080	16	28	20
2839	.7	17	126	48840	16	38	25
2840	.7	11	25	39370	15	36	5
2841	.7	38	11	52760	15	54	10
2842	.8	16	74	48590	15	48	5
284340M	.7	15	672	4160	15	68	15
2844	.8	21	460	35320	21	53	20
284540M	.8	33	751	43730	24	71	15
2846	.7	8	7	47520	12	38	20
2847	.8	20	60	49460	19	66	10
284840M	.8	33	891	32520	23	51	25
2849	.7	27	18	34190	14	51	35
2850	.7	10	9	41280	13	32	10
2851	.8	124	1308	64430	31	69	25
2852	.7	83	65	56960	12	43	10
2853	.8	131	318	56230	17	46	180
2854	1.1	30	283	55780	29	71	15
2855	.9	30	151	36630	16	52	20
2856	.9	178	408	55680	17	63	15
2857	.9	203	137	68290	25	81	10
2858	.8	17	58	36110	21	41	5
2859	.7	14	21	28330	16	47	5
2860	.7	10	24	23240	13	29	10
2861	.8	13	67	46720	16	44	5
2862	.8	15	21	23790	19	33	5
2863	.7	16	29	41370	18	37	10
2864	.8	10	17	36250	16	45	10
286540M	.9	46	1202	35200	24	115	20
2866	.8	35	1036	34350	21	64	15
2867	.8	17	34	48680	13	54	10
2868	.9	51	83	46540	20	59	15
2869	.9	24	10	42110	17	51	10
2870	.9	14	39	45480	18	65	10
2871	.7	5	8	26110	17	39	90
2872	.7	18	66	35680	15	46	15
2873	.8	5	10	43190	16	58	5
2874	.8	4	30	36860	13	41	10
2875	.8	15	9	34140	12	44	20
2876	.7	6	8	29320	22	46	10
2877	.7	16	48	51840	16	59	5
2878	.7	9	218	35210	22	51	15
2879	.7	1	9	37980	17	48	10
2880	.8	7	12	35080	9	28	5
2881	.7	25	235	32870	13	37	10
2882	.7	19	273	35300	20	44	10
2883	.6	2	8	22450	9	26	10

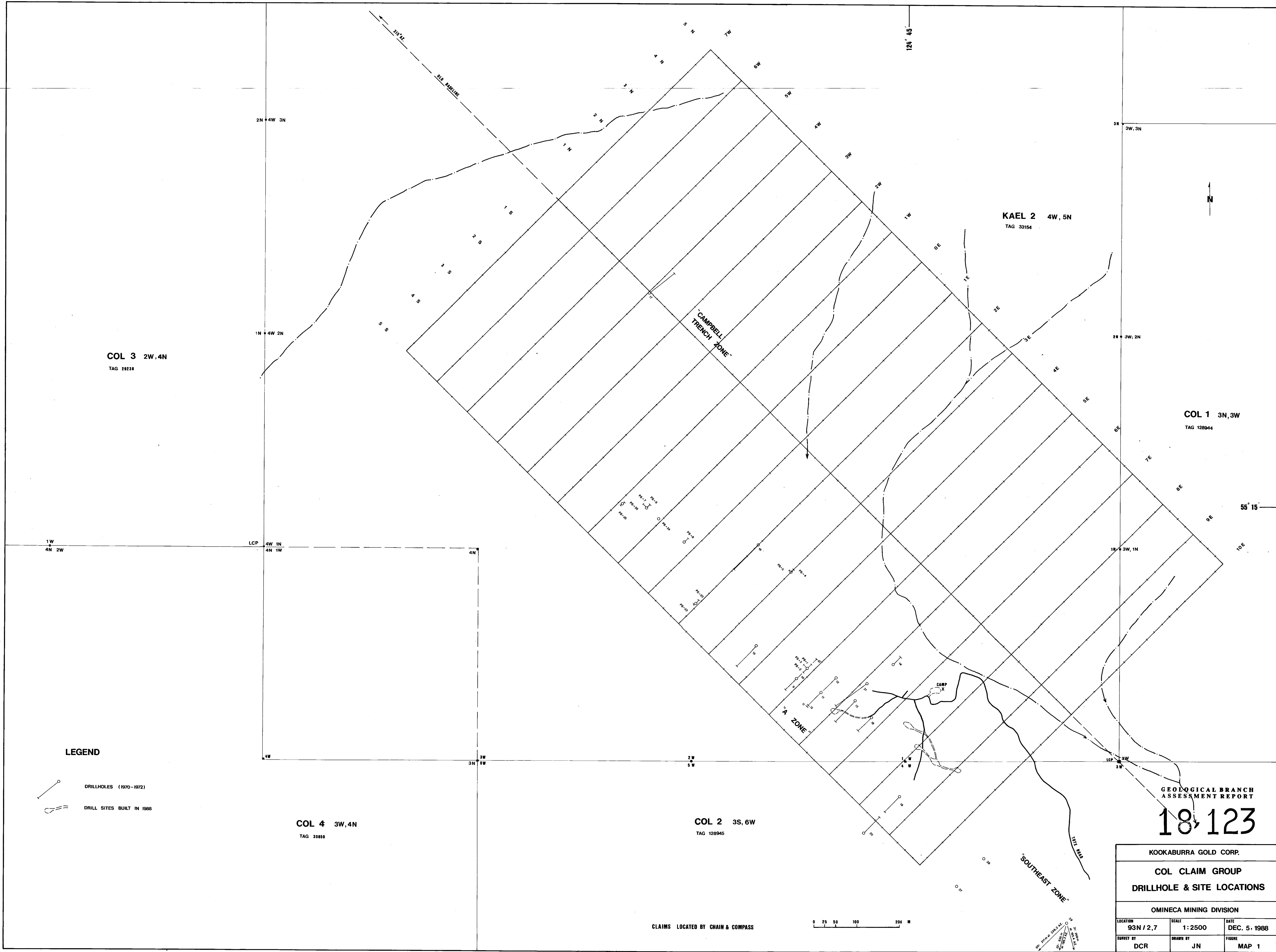
COMPANY: KOOKABURRA GOLD  
 PROJECT NO: COL  
 ATTENTION: J. NEBOCAT

MIN-EN LABS ICP REPORT  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1  
 FILE NO: B-1760/P29+30  
 \* TYPE SOIL GEOCHEM \* DATE: OCT 19, 1988

(VALUES IN PPM )	AG	AS	CU	FE	PB	ZN	AU-PPB
2884	.9	12	149	33240	22	38	5
2885	.8	11	53	26370	16	36	5
2886	.8	12	12	31620	16	42	10
2887	.8	15	93	32180	13	70	20
2888	.7	10	39	17400	12	30	20
2889	.7	25	110	32560	12	44	10
2890	.7	4	7	22270	11	27	5
2891	.7	7	15	21250	12	35	5
2892	.7	9	8	23440	11	25	5
2893	.8	7	8	12680	13	26	10
2894	.7	13	10	26330	16	31	10
2895	.8	11	20	41960	14	48	10
2896	.8	18	42	10310	17	28	25
2897	.7	2	8	37620	11	27	10
2898	.8	16	45	10960	18	29	15
2899	.8	15	8	19640	12	33	45
2900	.9	33	240	34350	19	52	25
2901	.9	14	33	16420	15	39	10
2902	.8	17	84	16430	10	23	20
2903	.8	26	27	22570	16	47	10
2904	.8	15	8	25560	12	34	5
2905	.7	22	28	30530	17	37	5
2906	.7	11	9	26100	16	42	10
2907	.7	19	22	25490	11	36	5
2908	.7	14	19	27120	12	29	10
2909	.7	12	9	33930	12	34	5
2910	.7	20	9	35150	10	37	10
2911	.8	20	44	33870	25	46	10
2912	.8	14	12	55770	13	55	5
2913	.7	11	9	35560	16	34	5
2914	.8	19	10	33240	16	47	5
2915	.7	12	8	31200	14	41	5
2916	.7	16	22	14500	18	24	5
2917	.7	20	84	40290	13	27	5
2918	.8	18	86	21530	15	36	5
2919	.7	14	7	51240	12	46	5
2920	.8	13	8	33360	8	34	5
2921	.8	4	8	40330	13	40	5





**COL 3 2W, 4N**  
TAG 28238

**KAEL 2 4W, 5N**  
TAG 33154

**COL 1 3N, 3W**  
TAG 128944

**COL 4 3W, 4N**  
TAG 30859

**COL 2 3S, 6W**  
TAG 128945

**LEGEND**

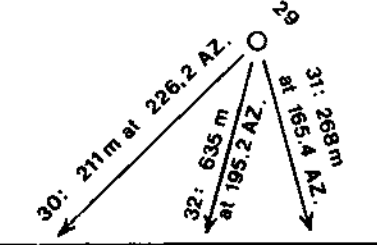
- DRILLHOLES (1970-1972)
- DRILL SITES BUILT IN 1988

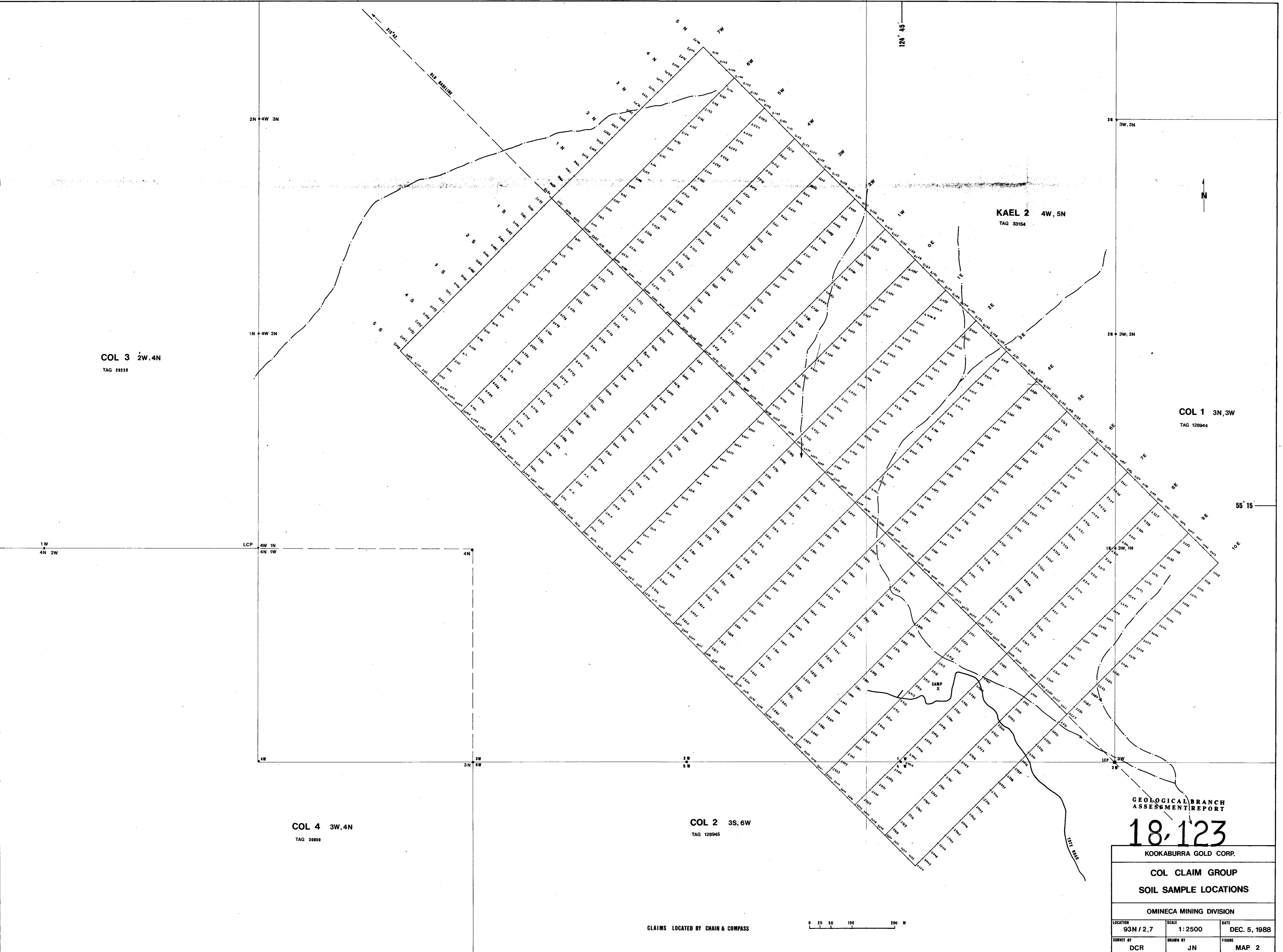
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**18,123**

KOOKABURRA GOLD CORP.		
COL CLAIM GROUP		
DRILLHOLE & SITE LOCATIONS		
OMINECA MINING DIVISION		
LOCATION 93N / 2,7	SCALE 1:2500	DATE DEC. 5, 1988
SURVEY BY DCR	DRAWN BY JN	FIGURE MAP 1

CLAIMS LOCATED BY CHAIN & COMPASS





COL 3 2W, 4N  
TAG 28238

KAEL 2 4W, 5N  
TAG 33154

COL 1 3N, 3W  
TAG 128944

COL 4 3W, 4N  
TAG 38859

COL 2 3S, 6W  
TAG 128945

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,123

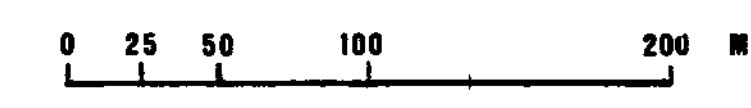
KOOKABURRA GOLD CORP.

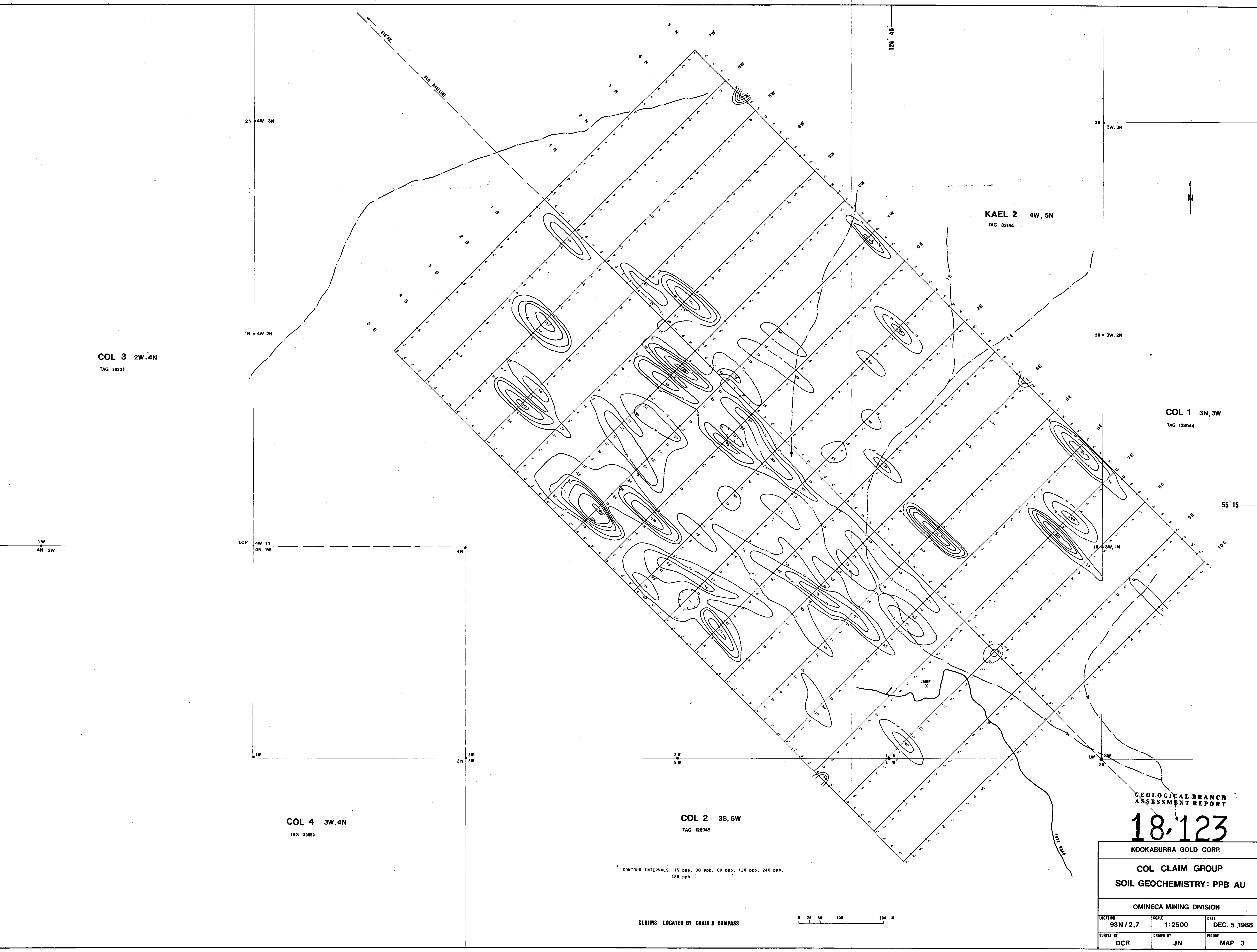
COL CLAIM GROUP  
SOIL SAMPLE LOCATIONS

OMINECA MINING DIVISION

LOCATION	SCALE	DATE
93N / 2,7	1:2500	DEC. 5, 1988
SURVEY BY	DRAWN BY	FIGURE
DCR	JN	MAP 2

CLAIMS LOCATED BY CHAIN & COMPASS





COL 3 2W,4N  
TAG 28238

KAEL 2 4W, 5N  
TAG 33154

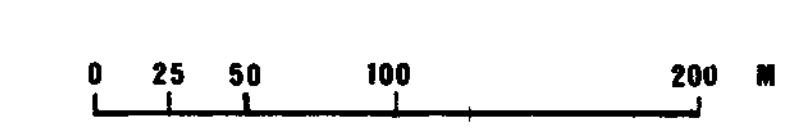
COL 1 3N,3W  
TAG 128944

COL 4 3W,4N  
TAG 30859

COL 2 3S,6W  
TAG 128945

CONTOUR INTERVALS: 15 ppb, 30 ppb, 60 ppb, 120 ppb, 240 ppb, 480 ppb

CLAIMS LOCATED BY CHAIN & COMPASS



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**18,123**

KOOKABURRA GOLD CORP.

COL CLAIM GROUP  
SOIL GEOCHEMISTRY: PPB AU

OMINECA MINING DIVISION

LOCATION	SCALE	DATE
93N / 2,7	1:2500	DEC. 5, 1988
SURVEY BY	DRAWN BY	FIGURE
DCR	JN	MAP 3



COL 3 2W,4N  
TAG 29233

KAEL 2 4W, 5N  
TAG 33154

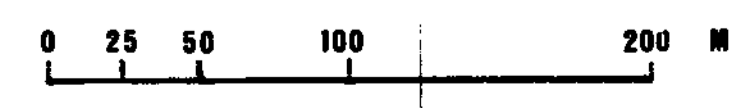
COL 1 3N,3W  
TAG 128944

COL 4 3W,4N  
TAG 30859

COL 2 3S,6W  
TAG 128945

CONTOUR INTERVALS: 250 ppm, 500 ppm, 1000 ppm, 2000 ppm, 4000 ppm

CLAIMS LOCATED BY CHAIN & COMPASS



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

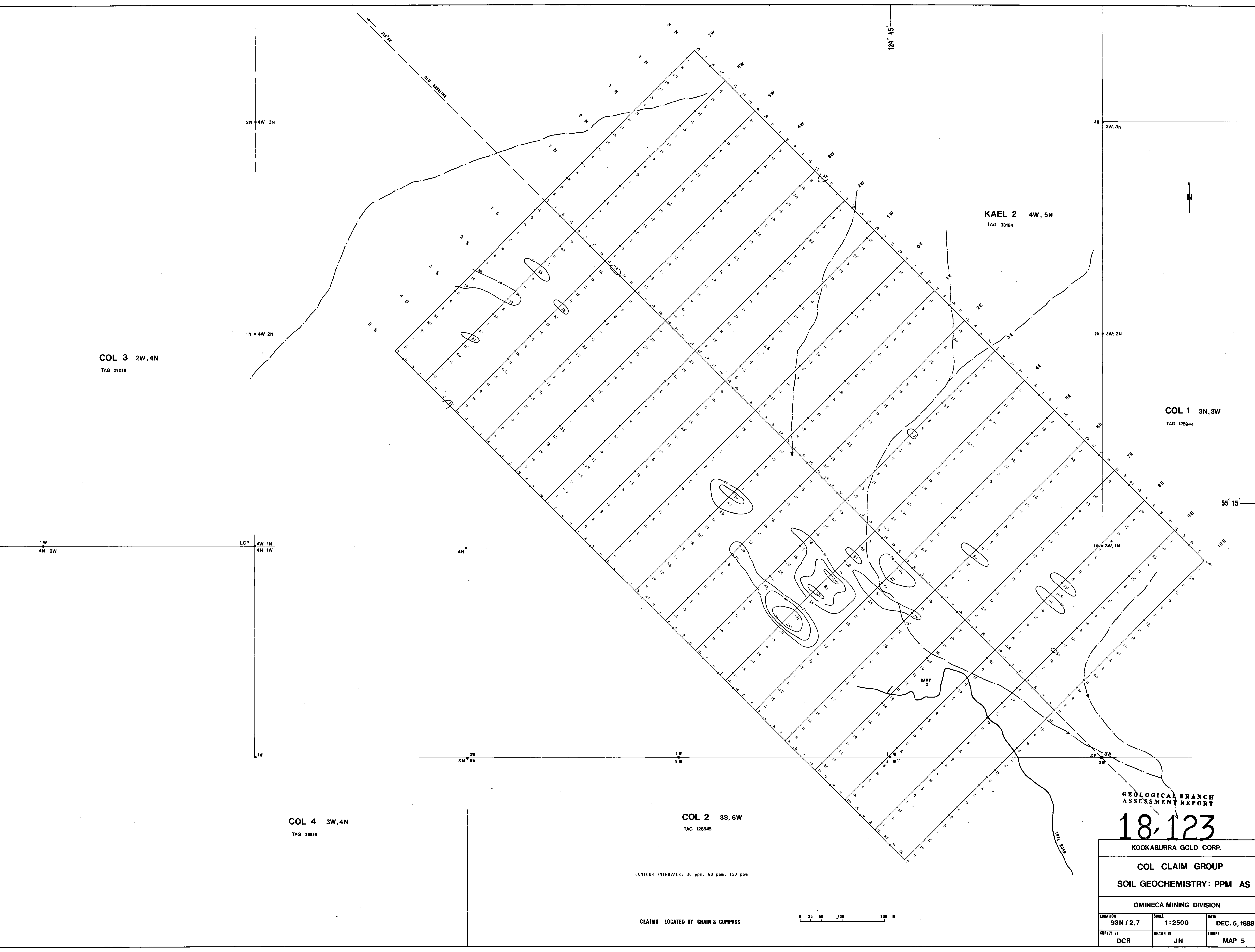
**18.123**

KOOKABURRA GOLD CORP.

COL CLAIM GROUP  
SOIL GEOCHEMISTRY: PPM CU

OMINECA MINING DIVISION

LOCATION 93N / 2,7	SCALE 1:2500	DATE DEC. 5, 1988
SURVEY BY DCR	DRAWN BY JN	FIGURE MAP 4



COL 3 2W, 4N  
TAG 29238

KAEL 2 4W, 5N  
TAG 33154

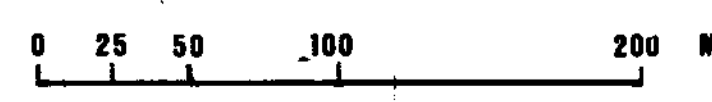
COL 1 3N, 3W  
TAG 128944

COL 4 3W, 4N  
TAG 30859

COL 2 3S, 6W  
TAG 128945

CONTOUR INTERVALS: 30 ppm, 60 ppm, 120 ppm

CLAIMS LOCATED BY CHAIN & COMPASS



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**18.123**

KOOKABURRA GOLD CORP.

COL CLAIM GROUP  
SOIL GEOCHEMISTRY: PPM AS

OMINECA MINING DIVISION

LOCATION 93N / 2,7	SCALE 1:2500	DATE DEC. 5, 1988
SURVEY BY DCR	DRAWN BY JN	FIGURE MAP 5