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**GEOLOGICAL AND GEOCHEMICAL REPORT**  
on the  
**DARE, JIGGER, NAHLIN and PORCUPINE CLAIMS**  
Omineca Mining Division

N.T.S. 93N/9W

55°35'

124°20' **GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

**17,153**

OWNER: Chevron Minerals Ltd.

OPERATOR: Chevron Canada Resources Limited

Authors:  
S. G. McAllister  
M. D. McPherson

**SUB-RECORDER**  
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VANCOUVER, B.C.

December 1987

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## 1.0 INTRODUCTION

During August 1987 a Chevron field crew conducted 1:10,000 scale geological mapping, as well as soil and rock sampling on the Dog 1987 Group of claims. The results of this program are detailed in this report.

## 2.0 LOCATION, ACCESS AND TOPOGRAPHY

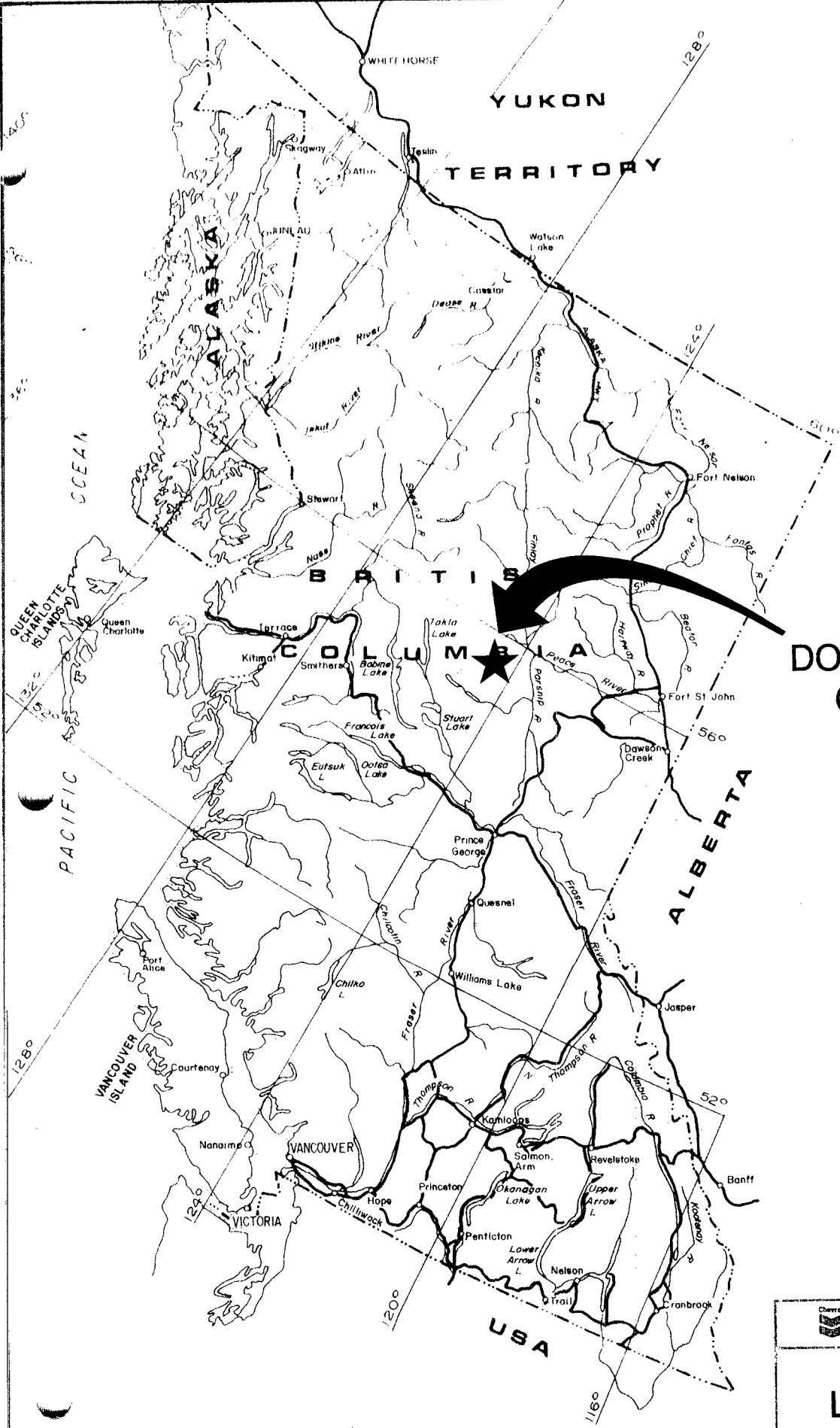
The Dog 1987 Group is located approximately 10 kilometres southeast of the settlement of Manson Creek and is centered around the southern lake in the Manson Lakes chain (Figure 1).

The Dog Group can be accessed by 180 kilometres of all-weather gravel road that heads north from Fort St. James. This road sustains a heavy volume of logging truck traffic and cuts through the centre of the claim group providing good access. A few logging roads lead off the mainline towards the eastern property boundary. A private road around the north end of the southern-most Manson Lake gives access to ground west of the Manson Lakes.

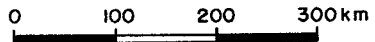
The property relief is approximately 560 metres with elevations ranging from 890 metres along the Manson Lake corridor to 1450 metres in the southwest corner. The claim is covered by a moderate growth of alder, aspen, pine and spruce.

## 3.0 CLAIMS

The work outlined in this report was conducted by Chevron Canada Resources Limited on the following claims (Figure 2) owned by Chevron Minerals Ltd.:



**DOG GROUP CLAIMS**




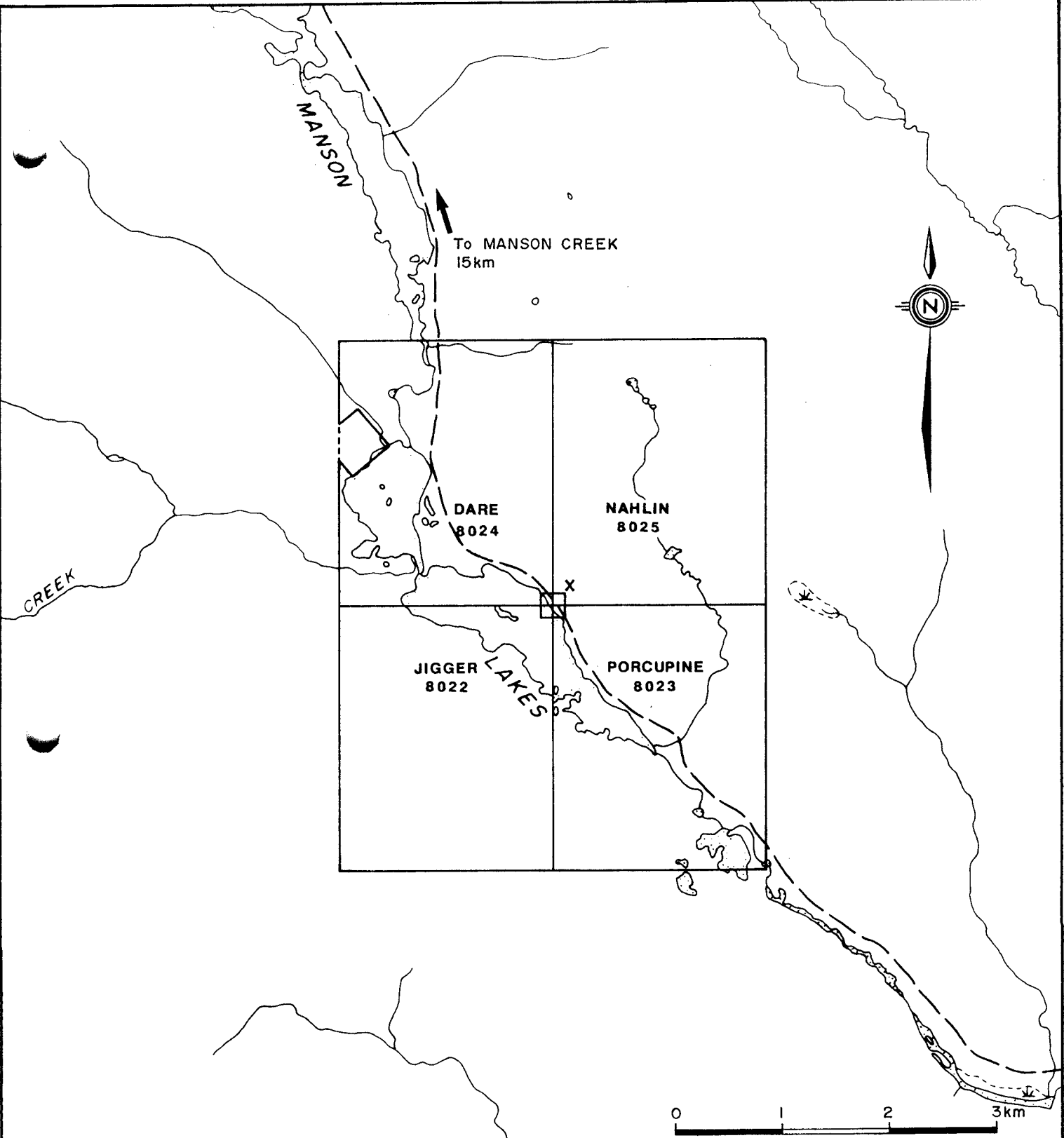

|   |           |                    |  |
|---|-----------|--------------------|--|
|  <b>Chevron Canada Resources Limited</b><br>Minerals Staff |           |                    |  |
| <h2>LOCATION MAP</h2>   |           |                    |  |
| FIGURE No   |           | PROJECT No M - 543 |  |
| DATE  | REVISIONS | SCALE              |  |
| INTS No   |           | FILE No.           |  |
| COMPILED BY   |           |                    |  |

FIGURE 1



|   |           |                  |                |
|---|-----------|------------------|----------------|
|  <b>Chevron Canada Resources Limited</b><br>Minerals Staff |           |                  |                |
| <h2>DOG GROUP CLAIMS</h2>   |           |                  |                |
| FIGURE No 2   |           | PROJECT No. M543 |                |
| DATE NOV. 1987  | REVISIONS |                  | SCALE 1:50,000 |
| NTS No 93N/9W   |           |                  | FILE No        |
| COMPILED BY SM  |           |                  |                |

| <u>Claim</u> | <u>Record Number</u> | <u>Record Date</u> | <u>Units</u> | <u>Expiry Date</u><br>(before submission of this report) |
|--------------|----------------------|--------------------|--------------|--|
| Jigger       | 8022                 | Oct. 14, 1986      | 20           | Oct. 14, 1987  |
| Porcupine    | 8023                 | Oct. 14, 1986      | 20           | Oct. 14, 1987  |
| Dare         | 8024                 | Oct. 14, 1986      | 20           | Oct. 14, 1987  |
| Nahlin       | 8025                 | Oct. 14, 1986      | 20           | Oct. 14, 1987  |

#### 4.0 HISTORY

Placer gold was first discovered in the Manson Creek area during the 1870's with discoveries on both Manson and Germansen Creeks. Placer mining activity in the Manson Creek area continued throughout the early 1900's and ceased for a period during the second world war. Currently, a few placer operations work on an irregular basis in the area. Exploration for lode deposits has been carried out intermittently since 1914 with the discovery of several gold, silver-lead-zinc and copper showings.

Chevron carried out a regional geological and geochemical study of the Manson Creek area in August and September 1986. Favourable gold values were returned from several rock samples in the vicinity of the southern Manson Lakes. On the basis of these values, Chevron staked the Dog 1987 Group.

Chevron undertook an initial investigation of the property in August 1987 that included geological mapping and geochemical sampling. Results of this study are detailed in this report.

## 5.0 GEOLOGY

### 5.1 REGIONAL GEOLOGY

The regional geology is characterized by northwest trending fault bounded belts. The eastern most belt is underlain by Lower Cambrian rocks of the Wolverine Complex and the Tenakini and Ingenika Groups (Armstrong, 1946). The Devonian-Triassic Slide Mt. Group unconformably overlies the metamorphic sequence and is known as the Manson Creek Belt. This package of rocks generally strikes west-northwest. The western belt is underlain by Upper Triassic-Jurassic rocks of the Takla Group and is separated from the Slide Mt. Group sequence by the Manson Creek Fault. Mesozoic Omineca Intrusions are found flanking the central belt and intrude all the older rocks in the area.

### 5.2 PROPERTY GEOLOGY

The Dog Group claims are underlain by northwest trending bands of Slide Mountain Group argillites, and biotite-chlorite schists of the Wolverine Complex. These bands may actually be fault bounded. Minor greenstone and serpentine lenses are found on the property, as is one limestone body. A large body of diorite crops out in the southeast and several granitic plugs are found on the southwest portion of the claims. Outcrop is sparse and best exposures are found in road cuts and creek gullies.

The biotite-chlorite schists occur in two west-northwest to northwest trending bands separated by younger argillites. They form moderately steep cliffs in creek gullies. The rock is typically fine grained, pale beige with dark grey-green chlorite laminations or flecks and moderately to strongly

foliated. Biotite flakes are slightly coarser than other components. Schists have a variable ratio of biotite to chlorite and occasionally contain pale green to white talc laminations (mm). Red-brown garnets are rarely seen. Foliations in the schist generally trend northwest and dip 35 - 50° northeast and rarely dip very steeply southwest. These rocks occasionally host massive white quartz veins up to 40 cm in width but are unmineralized.

The argillites also occur in northwest trending bands that extend beyond the eastern claim boundary. These rocks are moderately cliff forming in creek gullies. The argillites are typically black, fine to very fine grained, calcareous, occasionally carbonaceous and rarely cherty. The rock has a strong cleavage trending northwest and dipping 55 - 75° northeast. Bedding is generally poorly defined and may be strongly folded locally; overall trend is northwest with a dip of 45° northeast. The argillites often host massive white calcite veinlets up to 3 cm in width and rare discontinuous white quartz veins up to 5 cm in width. The schist-argillite contact, seen in a roadcut, strikes northwest and dips 62° northeast with no visible evidence for a fault contact.

The limestone is found in only one outcrop in the southwest corner of the property. It is fine grained with dark grey and beige bands (2 - 5 mm) which strike northwest and dip 25° northeast. This unit may be part of the Wolverine Complex but is included in the Slide Mountain Group for this initial study.



The greenstone occurs predominantly as float and is found as lenses in both the schists and the argillites. The rocks are typically dark green-grey mottled, fine grained, weakly calcareous, weakly foliated and moderately chloritized and/or serpentinized. No measurable features were seen in outcrop, but the lenses are assumed to trend northwest, parallel to local stratigraphy.

The serpentine occurs as a single lens in the centre of the property within the argillites. The rock is aphanitic, massive, dark green-black, mottled, moderately to strongly magnetic and has a waxy lustre. It contains rare black magnetite flecks. This rock may represent a strongly serpentinized lens of greenstone. No orientations were available.

The Omineca intrusions are represented by granitic plugs on the southwest side of the Manson Lakes and by a large body of diorite which crops out in the southeast. The granite is pale grey to pink mottled, medium to coarse grained and rarely pegmatitic. It is quartz-feldspar-biotite rich. The granite is seen only as subrounded float boulders on the property. The diorite is seen mainly as subrounded float boulders. It is medium to dark green-grey mottled, fine to medium grained and occasionally weakly foliated. The mafic minerals are weakly to moderately chloritized. Rare 1 - 2 mm white calcite veinlets and dark green chlorite stringers exist in fractures. The rocks carry a trace of disseminated pyrite and are occasionally weakly rusty weathered. Contacts for both intrusives are based predominantly on float.

### 5.3 MINERALIZATION

Two zones of strongly iron-carbonate altered rocks are seen in roadcuts along the main highway in the northwest and southeast portions of the property. Original features are usually destroyed so rock types are difficult to identify. Rocks may contain dark green chloritic flecks and minor talc stringers which would be remnant features from an altered chlorite-biotite schist. The alteration is pale honey-brown to orange-brown and fine grained. It is often accompanied by silicification, either as moderate silica flooding or as an influx of 1 - 2 mm quartz veinlets. Individual quartz veins are generally white and variable in texture from drusy to chalcedonic, with widths to 8 cm.

Quartz veins are not restricted to zones of iron-carbonate alteration. Massive white quartz veins are found in unaltered chlorite-biotite schists with widths to 40 cm and as subrounded float material in creek gullies. These veins did not carry gold values.

Zones of strong iron-carbonate alteration may contain traces of blebby pyrite and hematite. Rare, bright green malachite occurs as diffuse blebs within quartz veins and zones of strongest iron-carbonate alteration.

The iron-carbonate alteration is often accompanied by local shearing and rare clay gouge zones with a typical orientation of 125/45 NE. Minor 5 - 10 mm wide quartz veinlets are seen trending parallel to the shears but do not occur within the shears. The two iron-carbonate zones and minor shear zones align along a west-northwest trend and could represent a part of the Manson Creek fault zone. The small zone of serpentine in the centre of

the map also lies along this possible fault trend and so could represent a sheared and serpentized greenstone.

## 6.0 GEOCHEMISTRY

During August 1987 a total of 20 rocks and 593 soils were collected on the Dog 1987 Group of claims (Figure 5). The soil and rock samples were analysed at Chemex Labs in North Vancouver for the following elements; Au, Al, Ag, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Sr, Ti, Tl, U, V, W and Zn. The analytical techniques used are outlined in Appendix IV.

### 6.1 SOIL GEOCHEMISTRY

The 593 soils were collected from the B horizon at an approximate depth of 15 cm using a mattock and were stored in gusseted Kraft sample bags. These were sent to Chemex Labs and analysed for the elements outlined above.

The soils were collected at 50 metre spacings along approximately 1000 metre spaced lines trending northeast and two contour lines running approximately the length of the property and trending northwest; one on either side of the Manson Lakes. Duplicate samples were taken every 30th sample for control. These soil lines were designed to cross-cut the prominent structural and stratigraphic trends of the property.

Values for gold, silver, arsenic and antimony were plotted (Figure 5), but not contoured due to the line spacing. Of the 593 soils analyzed, 55 (9%) returned values greater than, or equal, to the detection limit of 5 ppm gold.

Of these, 15 soil gold values (2.5%) were anomalous and greater than the mean value of 31 ppb gold. The highest soil gold value was 160 ppb. The anomalous soil gold values were concentrated in three zones east of and in alignment with the northwest trend of the Manson Lakes chain. Two of the zones are in areas of no outcrop, while the third corresponds to a zone of strong iron-carbonate alteration in outcrop in the southeast area of the map. Values for silver, arsenic and antimony are typically close to their detection limits, and spot highs typically show no correlation with anomalous gold values

## 6.2 ROCK GEOCHEMISTRY

The 20 rock samples collected from the Dog Group were analysed for gold and 32 additional elements as outlined above. The rock samples are representative of the alteration and veining seen on the property.

Of the 20 rock samples analyzed, only two samples returned gold values greater than the detection limit of 5 ppb. One of these samples, with a value of 30 ppb gold, was of a strongly iron-carbonate altered, silicified talc-mica schist. This sample is located approximately 150 m southeast and along trend of a zone of anomalous gold in soil on the east side of the Manson Lakes chain. Several other samples taken in the same vicinity, and in a similar rock type to the anomalous iron-carbonate sample, returned gold values of less than 5 ppb.

The second anomalous sample carried 45 ppm gold and was a subangular float boulder of massive, white quartz vein material from a southeast flowing creek in the northwest corner of the property.

Silver values are typically less than 0.2 to 0.4 ppm with a single anomalous value of 2.2 ppm. Arsenic ranges from less than 5 ppm to 145 ppm. Antimony values are typically less than, or equal to, 5 ppm with a single anomalous value of 35 ppm. There is no relationship between these anomalies and the two high gold values. The higher arsenic values are not controlled by rock type or alteration.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

- 1) Soil gold anomalies exist within a zone paralleling the Manson Creek Fault zone.
- 2) Two zones of strong iron-carbonate alteration with minor quartz veinlets and mariposite occur along a northwest trend parallel to the Manson Creek Fault.
- 3) Minor shear zones occur within areas of strong iron-carbonate alteration and trend parallel to the Manson Creek Fault zone.
- 4) Rock gold values were typically less than the detection limit and maximum 45 ppb.

Based on the results of the 1987 program, further geochemical sampling along the northwest trending Manson Creek Fault zone is necessary in order to determine the gold potential of the iron-carbonate altered rocks in the vicinity. Closer spacing of soil grid lines and an extensive rock chip sampling program should provide the information necessary for establishing parameters for mineralization.

8.0 REFERENCES

Armstrong, J.E., 1946. Geology of the Manson Creek Map Sheet, Geol. Surv., Canada, Map 876A.

Armstrong, J.E., 1949. Fort St. James Map-Area, Cassiar and Coast Districts, B.C., Geol. Surv., Canada, Memoir 252.

Armstrong, J.E., and Thurber, J.B., 1945. Manson Creek Map-Area, B.C.; Geol. Surv., Canada, Paper 45-9.


APPENDIX I  
STATEMENT OF QUALIFICATIONS

### Statement of Qualifications

I, Sandy G. McAllister, hereby certify that:

1. I am presently employed as a geologist by Chevron Canada Resources Limited at 1900 - 1055 West Hastings Street, Vancouver, B. C.
2. I graduated from Queen's University in Kingston, Ontario with a B.Sc. (Honours, Geological Sciences) in May 1981.
3. I have practiced geology for the past 7 years in B. C.
4. I am a member in good standing of the Geological Association of Canada, Society of Economic Geologists and a Licensee of the Association of Professional Engineers, Geologists and Geophysists of Alberta.
5. The work outlined in this report was conducted under my supervision.

Dated the 25th day of November, 1987

Signed   
Sandy G. McAllister



Statement of Qualifications

I, Margaret Diane McPherson, hereby certify that:

1. I am presently employed as a geologist by Chevron Canada Resources Limited at 1900 - 1055 West Hastings Street, Vancouver, B. C.
2. I graduated from the University of British Columbia in May 1987 with a B.Sc. in Geology.
3. I have practiced geology since graduation.
4. I am a member, in good standing, of the Geological Association of Canada - Cordilleran Section.
5. I assisted with the field work outlined in this report.

Margaret McPherson  
Margaret McPherson

Dated the 18<sup>th</sup> day of DECEMBER, 1987

APPENDIX II  
COST STATEMENT

**COST STATEMENT**  
**DOG 1987 GROUP**

**Salaries:**

|               |           |                           |
|---------------|-----------|---------------------------|
| S. McAllister | 4.0 days  | Aug. 10 - 13, 1987        |
| M. McPherson  | 17.0 days | Aug. 4 - 8, 10 - 21, 1987 |
| T. Zanger     | 12.0 days | Aug. 10 - 21, 1987        |
| J. Burgoyne   | 7.5 days  | Aug. 6 - 8, 10 - 14, 1987 |

40.5 days @ \$150/day \$ 6,075.00

**Disbursements:**

|   |               |
|---|---------------|
| Rocks (Au & 32 element ICP) - 30 @ \$16.50  | 495.00        |
| Soils (Au & 32 element ICP) - 593 @ \$14.50 | 8,598.50      |
| Sample shipping                             | 64.75         |
| Truck rental (3 week) - 3 @ \$300/week      | 900.00        |
| Air fare (Van. - P.G. return)               | 167.90        |
| Airphotos                                   | 86.51         |
| Food  | 182.47        |
| Gas   | 432.81        |
| Accommodation                               | 608.84        |
| Drafting - 2.0 days @ \$150                 | 300.00        |
| Reprographics                               | 150.00        |
| Report preparation - 2.0 days @ \$150       | <u>300.00</u> |

TOTAL COSTS \$18,361.78

APPENDIX III  
GEOCHEMICAL DATA



# Chemex Labs Ltd.

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

THE HEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG  
Comments: CC: S. McALLISTER

Page No. 1-A  
Tot. Pages: 5  
Date : 30-AUG-87  
Invoice # : I-8720438  
P.O. # : 36858

## CERTIFICATE OF ANALYSIS A8720438

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|-------|--------|--------|--------|
| JB7D-0996          | 201 238   | 10              | 1.19 | 0.2    | 5      | 160    | <0.5   | <2     | 0.83 | <0.5   | 44     | 499    | 32     | 3.71 | <10    | <1     | 0.05  | 20     | 5.05   | 572    |
| JB7D-0997          | 201 238   | <5              | 0.52 | <0.2   | 20     | 50     | <0.5   | <2     | 0.21 | <0.5   | 129    | 1545   | 7      | 5.77 | <10    | <1     | <0.01 | <10    | >15.00 | 1205   |
| JB7D-0998          | 201 238   | <5              | 0.69 | <0.2   | 30     | 60     | <0.5   | <2     | 0.20 | <0.5   | 125    | 1360   | 4      | 4.46 | <10    | <1     | <0.01 | <10    | 14.20  | 1185   |
| JB7D-0999          | 201 238   | <5              | 4.05 | <0.2   | 5      | 70     | <0.5   | <2     | 2.49 | <0.5   | 67     | 418    | 47     | 4.28 | 10     | <1     | <0.01 | 10     | 4.53   | 959    |
| JB7D-1000          | 201 238   | <5              | 1.13 | <0.2   | <5     | 120    | <0.5   | <2     | 0.59 | <0.5   | 17     | 91     | 9      | 2.31 | <10    | <1     | 0.03  | 10     | 0.72   | 463    |
| JB7D-1001          | 201 238   | <5              | 1.42 | <0.2   | 15     | 100    | <0.5   | 2      | 0.66 | <0.5   | 14     | 59     | 9      | 2.55 | 10     | <1     | 0.06  | 20     | 0.61   | 270    |
| JB7D-1002          | 201 238   | <5              | 1.80 | <0.2   | <5     | 130    | <0.5   | <2     | 0.75 | <0.5   | 16     | 68     | 12     | 2.83 | 10     | <1     | 0.05  | 20     | 0.75   | 317    |
| JB7D-1003          | 201 238   | <5              | 1.56 | <0.2   | <5     | 80     | <0.5   | <2     | 0.75 | <0.5   | 13     | 57     | 10     | 2.52 | 10     | <1     | 0.06  | 20     | 0.61   | 259    |
| JB7D-1004          | 201 238   | <5              | 1.72 | <0.2   | <5     | 120    | <0.5   | 4      | 0.80 | <0.5   | 14     | 57     | 11     | 2.68 | 10     | <1     | 0.04  | 20     | 0.56   | 402    |
| JB7D-1005          | 201 238   | <5              | 1.65 | <0.2   | <5     | 80     | <0.5   | 2      | 0.78 | <0.5   | 14     | 68     | 11     | 2.86 | 10     | 1      | 0.04  | 10     | 0.63   | 304    |
| JB7D-1006          | 201 238   | <5              | 1.49 | <0.2   | <5     | 110    | <0.5   | 2      | 0.48 | <0.5   | 11     | 55     | 16     | 2.70 | 10     | <1     | 0.03  | 10     | 0.51   | 257    |
| JB7D-1007          | 201 238   | <5              | 1.30 | <0.2   | 5      | 110    | <0.5   | <2     | 0.58 | 1.0    | 8      | 45     | 12     | 2.55 | 10     | <1     | 0.02  | 10     | 0.44   | 214    |
| JB7D-1008          | 201 238   | <5              | 1.53 | <0.2   | <5     | 120    | <0.5   | 4      | 0.67 | <0.5   | 14     | 62     | 17     | 2.91 | 10     | <1     | 0.03  | 20     | 0.60   | 282    |
| JB7D-1009          | 201 238   | <5              | 1.74 | <0.2   | 5      | 200    | <0.5   | 2      | 0.75 | <0.5   | 22     | 61     | 34     | 2.79 | 10     | <1     | 0.03  | 20     | 0.63   | 846    |
| JB7D-1010          | 201 238   | <5              | 1.70 | 0.4    | <5     | 210    | <0.5   | <2     | 0.87 | 0.5    | 18     | 56     | 68     | 2.84 | <10    | 2      | 0.02  | 10     | 0.59   | 677    |
| JB7D-1011          | 201 238   | <5              | 1.31 | <0.2   | 5      | 80     | <0.5   | <2     | 0.58 | <0.5   | 1      | 42     | 7      | 2.28 | <10    | 1      | 0.03  | 10     | 0.36   | 212    |
| JB7D-1012          | 201 238   | <5              | 1.50 | 0.2    | <5     | 100    | <0.5   | <2     | 0.54 | 0.5    | 7      | 50     | 11     | 2.74 | <10    | <1     | 0.03  | 10     | 0.45   | 197    |
| JB7D-1013          | 201 238   | <5              | 1.93 | 0.8    | 5      | 360    | <0.5   | 2      | 1.30 | 1.0    | 12     | 59     | 87     | 2.93 | <10    | 1      | 0.09  | 10     | 0.76   | 1045   |
| JB7D-1014          | 201 238   | <5              | 1.06 | <0.2   | <5     | 140    | <0.5   | <2     | 0.56 | 0.5    | 2      | 40     | 8      | 1.99 | <10    | <1     | 0.05  | 10     | 0.25   | 181    |
| JB7D-1015          | 201 238   | <5              | 1.51 | <0.2   | <5     | 180    | <0.5   | <2     | 0.60 | 0.5    | 9      | 45     | 12     | 2.23 | <10    | 2      | 0.03  | 10     | 0.53   | 206    |
| JB7D-1016          | 201 238   | <5              | 1.65 | <0.2   | <5     | 170    | <0.5   | <2     | 0.46 | 1.0    | 10     | 58     | 14     | 3.39 | <10    | <1     | 0.03  | 10     | 0.52   | 261    |
| JB7D-1017          | 201 238   | <5              | 1.61 | 0.4    | 10     | 180    | <0.5   | <2     | 0.44 | 1.0    | 9      | 57     | 32     | 4.49 | <10    | <1     | 0.05  | 10     | 0.47   | 315    |
| JB7D-1018          | 201 238   | <5              | 0.23 | 1.0    | <5     | 730    | <0.5   | 2      | 4.84 | 1.5    | 2      | 11     | 86     | 0.28 | <10    | 1      | 0.02  | <10    | 0.35   | 574    |
| JB7D-1019          | 201 238   | <5              | 2.10 | <0.2   | <5     | 290    | <0.5   | <2     | 1.62 | 0.5    | 15     | 144    | 22     | 3.72 | <10    | 2      | 0.08  | 10     | 0.95   | 1070   |
| JB7D-1020          | 201 238   | 20              | 0.94 | <0.2   | 10     | 350    | <0.5   | <2     | 0.53 | <0.5   | 5      | 27     | 14     | 2.29 | <10    | 1      | 0.09  | 20     | 0.21   | 1450   |
| JB7D-1021          | 201 238   | <5              | 1.99 | 0.6    | <5     | 400    | <0.5   | <2     | 0.32 | 1.0    | 9      | 48     | 20     | 5.21 | <10    | 2      | 0.05  | 10     | 0.16   | 329    |
| JB7D-1022          | 201 238   | <5              | 2.88 | 2.0    | <5     | 1210   | <0.5   | <2     | 0.77 | 2.0    | 19     | 72     | 71     | 4.84 | <10    | 2      | 0.12  | 20     | 0.55   | 2110   |
| JB7D-1023          | 201 238   | <5              | 0.96 | <0.2   | <5     | 200    | <0.5   | <2     | 0.32 | 0.5    | 2      | 27     | 7      | 2.21 | <10    | 1      | 0.06  | 20     | 0.21   | 168    |
| JB7D-1024          | 201 238   | <5              | 0.99 | <0.2   | 10     | 660    | <0.5   | <2     | 0.30 | 1.5    | 12     | 28     | 33     | 2.80 | <10    | <1     | 0.08  | 20     | 0.17   | 2220   |
| JB7D-1025          | 201 238   | <5              | 1.12 | <0.2   | <5     | 290    | <0.5   | <2     | 0.38 | 0.5    | 4      | 31     | 14     | 2.80 | <10    | <1     | 0.10  | 20     | 0.27   | 221    |
| JB7D-1026          | 201 238   | <5              | 1.56 | 0.4    | <5     | 390    | <0.5   | <2     | 0.41 | 0.5    | 10     | 42     | 16     | 2.58 | <10    | <1     | 0.09  | 20     | 0.54   | 339    |
| JB7D-1027          | 201 238   | <5              | 1.32 | <0.2   | 5      | 370    | <0.5   | <2     | 0.44 | 0.5    | 8      | 32     | 18     | 2.46 | <10    | <1     | 0.11  | 20     | 0.34   | 223    |
| JB7D-1028          | 201 238   | <5              | 1.10 | <0.2   | <5     | 250    | <0.5   | <2     | 0.35 | 0.5    | 3      | 25     | 11     | 2.05 | <10    | 1      | 0.12  | 20     | 0.23   | 317    |
| JB7D-1029          | 201 238   | <5              | 1.84 | <0.2   | 10     | 230    | <0.5   | <2     | 0.47 | <0.5   | 11     | 43     | 40     | 3.42 | <10    | <1     | 0.11  | 30     | 0.49   | 373    |
| JB7D-1030          | 201 238   | <5              | 1.68 | 0.2    | 10     | 600    | <0.5   | <2     | 0.17 | <0.5   | 11     | 35     | 70     | 4.14 | <10    | 1      | 0.11  | 20     | 0.27   | 265    |
| JB7D-1031          | 201 238   | <5              | 0.86 | <0.2   | 10     | 430    | <0.5   | <2     | 0.12 | <0.5   | 4      | 17     | 24     | 2.05 | <10    | 1      | 0.07  | 20     | 0.11   | 96     |
| JB7D-1032          | 201 238   | <5              | 1.74 | 0.6    | <5     | 420    | <0.5   | <2     | 1.25 | 2.5    | 15     | 41     | 62     | 2.97 | <10    | <1     | 0.06  | 10     | 0.61   | 567    |
| JB7D-1033          | 201 238   | <5              | 1.93 | <0.2   | <5     | 130    | <0.5   | <2     | 0.54 | 1.0    | 10     | 52     | 20     | 3.67 | <10    | <1     | 0.08  | 20     | 0.54   | 304    |
| JB7D-1034          | 201 238   | <5              | 1.58 | <0.2   | 5      | 190    | <0.5   | <2     | 0.61 | <0.5   | 9      | 42     | 16     | 2.80 | <10    | 1      | 0.03  | 20     | 0.37   | 252    |
| JB7D-1035          | 201 238   | <5              | 1.41 | 0.2    | 5      | 130    | <0.5   | <2     | 0.67 | 1.0    | 10     | 37     | 18     | 3.63 | <10    | 1      | 0.04  | 20     | 0.36   | 267    |

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

TO CHEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG  
Comments: CC: S. McALLISTER

Page No. : 1-B  
Tot. Pages: 5  
Date : 30-AUG-87  
Invoice # : I-8720438  
P.O. # : 36858

## CERTIFICATE OF ANALYSIS A8720438

| SAMPLE DESCRIPTION | PREP CODE |     | Mo  | Na     | Ni   | P    | Pb  | Sb  | Se   | Sr  | Ti     | Tl   | U    | V   | W   | Zn  |
|--------------------|-----------|-----|-----|--------|------|------|-----|-----|------|-----|--------|------|------|-----|-----|-----|
|                    |           |     | ppm | %      | ppm  | ppm  | ppm | ppm | ppm  | ppm | %      | ppm  | ppm  | ppm | ppm | ppm |
| JB7D-0996          | 201       | 238 | < 1 | < 0.01 | 633  | 2160 | 6   | < 5 | < 10 | 37  | 0.02   | < 10 | < 10 | 56  | < 5 | 116 |
| JB7D-0997          | 201       | 238 | < 1 | < 0.01 | 1820 | 20   | 8   | < 5 | < 10 | 8   | 0.01   | < 10 | < 10 | 31  | < 5 | 43  |
| JB7D-0998          | 201       | 238 | < 1 | < 0.01 | 1685 | 40   | < 2 | < 5 | < 10 | 9   | 0.02   | < 10 | < 10 | 38  | < 5 | 28  |
| JB7D-0999          | 201       | 238 | < 1 | < 0.01 | 327  | 180  | 8   | < 5 | 30   | 9   | 0.11   | < 10 | < 10 | 80  | < 5 | 32  |
| JB7D-1000          | 201       | 238 | < 1 | < 0.01 | 61   | 540  | 6   | < 5 | 10   | 19  | 0.10   | < 10 | < 10 | 61  | < 5 | 45  |
| JB7D-1001          | 201       | 238 | < 1 | < 0.01 | 31   | 610  | < 2 | < 5 | 10   | 23  | 0.14   | < 10 | < 10 | 82  | < 5 | 42  |
| JB7D-1002          | 201       | 238 | < 1 | 0.01   | 51   | 920  | 2   | < 5 | 10   | 32  | 0.14   | < 10 | < 10 | 84  | < 5 | 41  |
| JB7D-1003          | 201       | 238 | < 1 | 0.01   | 37   | 610  | < 2 | < 5 | 10   | 34  | 0.15   | < 10 | < 10 | 81  | < 5 | 45  |
| JB7D-1004          | 201       | 238 | < 1 | 0.01   | 35   | 1020 | < 2 | < 5 | 10   | 32  | 0.14   | < 10 | < 10 | 86  | < 5 | 50  |
| JB7D-1005          | 201       | 238 | < 1 | < 0.01 | 34   | 610  | < 2 | < 5 | 10   | 29  | 0.14   | < 10 | < 10 | 95  | < 5 | 62  |
| JB7D-1006          | 201       | 238 | < 1 | < 0.01 | 37   | 360  | 8   | < 5 | < 10 | 33  | 0.16   | < 10 | < 10 | 100 | < 5 | 55  |
| JB7D-1007          | 201       | 238 | < 1 | < 0.01 | 23   | 480  | < 2 | < 5 | 10   | 25  | 0.16   | < 10 | < 10 | 100 | < 5 | 37  |
| JB7D-1008          | 201       | 238 | < 1 | < 0.01 | 35   | 700  | < 2 | < 5 | < 10 | 31  | 0.14   | < 10 | < 10 | 90  | < 5 | 59  |
| JB7D-1009          | 201       | 238 | < 1 | < 0.01 | 49   | 460  | 4   | < 5 | 10   | 35  | 0.14   | < 10 | < 10 | 87  | < 5 | 64  |
| JB7D-1010          | 201       | 238 | < 1 | < 0.01 | 49   | 620  | 8   | < 5 | < 10 | 50  | 0.11   | < 10 | < 10 | 83  | < 5 | 42  |
| JB7D-1011          | 201       | 238 | < 1 | < 0.01 | 16   | 390  | 2   | < 5 | < 10 | 34  | 0.15   | < 10 | < 10 | 96  | < 5 | 30  |
| JB7D-1012          | 201       | 238 | < 1 | < 0.01 | 25   | 560  | 2   | < 5 | < 10 | 29  | 0.14   | < 10 | < 10 | 86  | < 5 | 41  |
| JB7D-1013          | 201       | 238 | < 1 | < 0.01 | 71   | 560  | 6   | < 5 | < 10 | 65  | 0.08   | < 10 | < 10 | 78  | < 5 | 55  |
| JB7D-1014          | 201       | 238 | < 1 | < 0.01 | 13   | 570  | 4   | < 5 | < 10 | 35  | 0.12   | < 10 | < 10 | 68  | < 5 | 35  |
| JB7D-1015          | 201       | 238 | < 1 | < 0.01 | 26   | 180  | 8   | < 5 | < 10 | 28  | 0.12   | < 10 | < 10 | 76  | < 5 | 35  |
| JB7D-1016          | 201       | 238 | < 1 | < 0.01 | 26   | 1030 | 4   | < 5 | < 10 | 24  | 0.12   | < 10 | < 10 | 98  | < 5 | 99  |
| JB7D-1017          | 201       | 238 | < 1 | < 0.01 | 29   | 1000 | 10  | < 5 | < 10 | 31  | 0.13   | < 10 | < 10 | 107 | < 5 | 82  |
| JB7D-1018          | 201       | 238 | < 1 | 0.01   | 36   | 1140 | 4   | < 5 | 10   | 169 | < 0.01 | < 10 | < 10 | 4   | < 5 | 7   |
| JB7D-1019          | 201       | 238 | < 1 | 0.02   | 42   | 530  | 2   | < 5 | < 10 | 44  | 0.29   | < 10 | < 10 | 101 | 5   | 55  |
| JB7D-1020          | 201       | 238 | < 1 | < 0.01 | 18   | 590  | 6   | < 5 | < 10 | 43  | 0.08   | < 10 | < 10 | 62  | < 5 | 56  |
| JB7D-1021          | 201       | 238 | < 1 | < 0.01 | 21   | 1130 | 22  | < 5 | < 10 | 30  | 0.07   | < 10 | < 10 | 73  | < 5 | 96  |
| JB7D-1022          | 201       | 238 | < 1 | < 0.01 | 77   | 620  | 10  | < 5 | < 10 | 75  | 0.09   | < 10 | < 10 | 81  | < 5 | 103 |
| JB7D-1023          | 201       | 238 | < 1 | < 0.01 | 12   | 680  | 10  | < 5 | < 10 | 31  | 0.09   | < 10 | < 10 | 63  | < 5 | 54  |
| JB7D-1024          | 201       | 238 | < 1 | < 0.01 | 28   | 850  | 10  | < 5 | < 10 | 37  | 0.05   | < 10 | < 10 | 51  | < 5 | 97  |
| JB7D-1025          | 201       | 238 | < 1 | < 0.01 | 19   | 430  | 8   | < 5 | < 10 | 31  | 0.08   | < 10 | < 10 | 64  | < 5 | 60  |
| JB7D-1026          | 201       | 238 | < 1 | < 0.01 | 27   | 500  | 6   | < 5 | < 10 | 36  | 0.11   | < 10 | < 10 | 67  | < 5 | 67  |
| JB7D-1027          | 201       | 238 | < 1 | < 0.01 | 22   | 400  | 8   | < 5 | < 10 | 36  | 0.08   | < 10 | < 10 | 60  | < 5 | 69  |
| JB7D-1028          | 201       | 238 | < 1 | < 0.01 | 16   | 600  | 4   | < 5 | < 10 | 24  | 0.07   | < 10 | < 10 | 54  | < 5 | 55  |
| JB7D-1029          | 201       | 238 | < 1 | < 0.01 | 48   | 760  | 12  | < 5 | < 10 | 28  | 0.10   | < 10 | < 10 | 62  | < 5 | 80  |
| JB7D-1030          | 201       | 238 | < 1 | < 0.01 | 61   | 700  | 8   | < 5 | < 10 | 18  | 0.04   | < 10 | < 10 | 54  | < 5 | 138 |
| JB7D-1031          | 201       | 238 | < 1 | < 0.01 | 21   | 240  | 10  | < 5 | < 10 | 25  | 0.03   | < 10 | < 10 | 41  | < 5 | 58  |
| JB7D-1032          | 201       | 238 | < 1 | < 0.01 | 52   | 470  | 12  | < 5 | < 10 | 80  | 0.06   | < 10 | < 10 | 53  | < 5 | 118 |
| JB7D-1033          | 201       | 238 | < 1 | < 0.01 | 32   | 740  | 4   | < 5 | < 10 | 42  | 0.13   | < 10 | < 10 | 95  | < 5 | 87  |
| JB7D-1034          | 201       | 238 | < 1 | < 0.01 | 23   | 470  | 10  | < 5 | < 10 | 42  | 0.15   | < 10 | < 10 | 87  | < 5 | 80  |
| JB7D-1035          | 201       | 238 | < 1 | < 0.01 | 24   | 690  | 14  | < 5 | < 10 | 31  | 0.13   | < 10 | < 10 | 98  | < 5 | 97  |

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0211

To: CHEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project: M543-DOG  
Comments: CC: S. McALLISTER

Page No.: 2-A  
Tot. Pages: 5  
Date: 30-AUG-87  
Invoice #: I-8720438  
P.O. #: 36858

## CERTIFICATE OF ANALYSIS A8720438

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|
| JB7D-1036          | 201 238   | < 5             | 2.20 | < 0.2  | < 5    | 230    | < 0.5  | < 2    | 1.07 | 0.5    | 13     | 65     | 31     | 3.95 | < 10   | < 1    | 0.09   | 10     | 0.70 | 724    |
| JB7D-1037          | 201 238   | < 5             | 1.46 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 0.67 | 0.5    | 5      | 40     | 15     | 2.66 | < 10   | 3      | 0.02   | 10     | 0.25 | 196    |
| JB7D-1038          | 201 238   | < 5             | 0.10 | < 0.2  | < 5    | 160    | < 0.5  | < 2    | 3.60 | < 0.5  | 1      | 9      | 17     | 0.15 | < 10   | 1      | 0.01   | < 10   | 0.38 | 292    |
| JB7D-1039          | 201 238   | < 5             | 2.06 | 0.2    | < 5    | 310    | < 0.5  | < 2    | 2.05 | 0.5    | 10     | 63     | 31     | 3.12 | < 10   | 1      | 0.04   | < 10   | 0.60 | 893    |
| JB7D-1040          | 201 238   | < 5             | 2.55 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 1.18 | 0.5    | 17     | 68     | 26     | 4.86 | < 10   | 1      | 0.07   | 10     | 0.72 | 643    |
| JB7D-1041          | 201 238   | < 5             | 1.94 | < 0.2  | < 5    | 200    | < 0.5  | < 2    | 0.97 | 0.5    | 14     | 55     | 22     | 3.64 | < 10   | < 1    | 0.07   | 10     | 0.84 | 761    |
| JB7D-1042          | 201 238   | < 5             | 2.09 | < 0.2  | < 5    | 180    | < 0.5  | < 2    | 1.01 | 1.0    | 11     | 52     | 24     | 3.93 | < 10   | 3      | 0.05   | 10     | 0.72 | 508    |
| JB7D-1043          | 201 238   | < 5             | 2.26 | < 0.2  | < 5    | 280    | < 0.5  | < 2    | 1.08 | 0.5    | 17     | 66     | 34     | 4.33 | < 10   | < 1    | 0.06   | < 10   | 0.75 | 951    |
| JB7D-1044          | 201 238   | < 5             | 3.74 | 1.2    | < 5    | 450    | < 0.5  | < 2    | 1.69 | 1.0    | 26     | 160    | 149    | 6.30 | < 10   | < 1    | 0.12   | < 10   | 1.01 | 1775   |
| JB7D-1045          | 201 238   | < 5             | 2.58 | 0.6    | < 5    | 350    | < 0.5  | < 2    | 1.18 | 1.0    | 15     | 81     | 109    | 4.14 | < 10   | < 1    | 0.05   | 10     | 0.53 | 625    |
| JB7D-1086          | 201 238   | < 5             | 1.83 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.52 | 0.5    | 10     | 73     | 22     | 3.78 | < 10   | < 1    | 0.07   | 10     | 0.60 | 616    |
| JB7D-1087          | 201 238   | < 5             | 1.61 | < 0.2  | 5      | 90     | < 0.5  | < 2    | 0.37 | 0.5    | 27     | 328    | 16     | 4.22 | < 10   | < 1    | 0.01   | 10     | 1.01 | 460    |
| JB7D-1088          | 201 238   | 10              | 1.41 | 0.2    | 10     | 90     | < 0.5  | 2      | 0.38 | 0.5    | 28     | 458    | 4      | 2.90 | < 10   | < 1    | < 0.01 | 10     | 1.53 | 303    |
| JB7D-1089          | 201 238   | 25              | 1.42 | 0.2    | < 5    | 160    | < 0.5  | < 2    | 0.56 | 1.0    | 11     | 63     | 15     | 2.35 | < 10   | 2      | 0.05   | 20     | 0.40 | 336    |
| JB7D-1090          | 201 238   | < 5             | 1.47 | < 0.2  | 5      | 120    | < 0.5  | < 2    | 0.82 | < 0.5  | 11     | 72     | 23     | 2.20 | < 10   | 2      | 0.05   | 10     | 0.66 | 210    |
| JB7D-1091          | 201 238   | 5               | 1.40 | < 0.2  | < 5    | 160    | < 0.5  | < 2    | 0.70 | 0.5    | 10     | 65     | 10     | 1.99 | < 10   | < 1    | 0.07   | 10     | 0.31 | 282    |
| JB7D-1092          | 201 238   | < 5             | 1.63 | < 0.2  | < 5    | 160    | < 0.5  | < 2    | 0.79 | 0.5    | 11     | 76     | 9      | 2.15 | < 10   | 1      | 0.04   | 10     | 0.35 | 175    |
| JB7D-1093          | 201 238   | < 5             | 1.77 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.60 | 1.0    | 12     | 108    | 20     | 2.66 | < 10   | < 1    | 0.05   | 10     | 0.74 | 278    |
| JB7D-1094          | 201 238   | < 5             | 1.83 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.43 | 0.5    | 11     | 71     | 19     | 3.15 | < 10   | < 1    | 0.05   | 10     | 0.59 | 372    |
| JB7D-1095          | 201 238   | < 5             | 1.92 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.73 | 1.0    | 16     | 91     | 39     | 2.85 | < 10   | 1      | 0.04   | 10     | 0.93 | 295    |
| JB7D-1096          | 201 238   | < 5             | 1.80 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.36 | 0.5    | 9      | 67     | 16     | 3.02 | < 10   | 1      | 0.04   | 10     | 0.42 | 248    |
| JB7D-1097          | 201 238   | < 5             | 2.06 | < 0.2  | 5      | 150    | < 0.5  | < 2    | 0.52 | 0.5    | 10     | 87     | 23     | 3.58 | < 10   | 1      | 0.04   | 10     | 0.69 | 259    |
| JB7D-1098          | 201 238   | < 5             | 2.51 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.59 | 1.0    | 20     | 159    | 19     | 3.95 | < 10   | < 1    | 0.03   | 10     | 1.49 | 474    |
| JB7D-1099          | 201 238   | < 5             | 2.19 | < 0.2  | 5      | 130    | < 0.5  | < 2    | 0.72 | < 0.5  | 17     | 114    | 19     | 2.59 | < 10   | < 1    | 0.01   | 10     | 1.04 | 283    |
| JB7D-1100          | 201 238   | < 10            | 0.71 | < 0.2  | 5      | 200    | < 0.5  | < 2    | 3.38 | 0.5    | 4      | 22     | 34     | 0.69 | < 10   | 2      | 0.01   | < 10   | 0.22 | 1200   |
| JB7D-1101          | 201 238   | < 5             | 1.59 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.32 | 0.5    | 8      | 63     | 19     | 2.92 | < 10   | < 1    | 0.03   | 10     | 0.51 | 413    |
| JB7D-1102          | 201 238   | < 5             | 1.76 | < 0.2  | < 5    | 200    | < 0.5  | < 2    | 0.62 | 0.5    | 12     | 62     | 30     | 2.66 | < 10   | 2      | 0.04   | 10     | 0.56 | 339    |
| JB7D-1103          | 201 238   | < 5             | 1.28 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.67 | 0.5    | 29     | 461    | 13     | 4.86 | < 10   | < 1    | 0.01   | < 10   | 0.47 | 402    |
| JB7D-1104          | 201 238   | 5               | 1.55 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 0.64 | 0.5    | 4      | 42     | 8      | 1.66 | < 10   | < 1    | 0.04   | 20     | 0.39 | 222    |
| JB7D-1105          | 201 238   | < 5             | 2.78 | < 0.2  | 5      | 200    | < 0.5  | < 2    | 0.68 | < 0.5  | 20     | 94     | 52     | 4.23 | < 10   | 1      | 0.04   | 10     | 1.11 | 520    |
| JB7D-1106          | 201 238   | < 5             | 2.67 | < 0.2  | < 5    | 190    | < 0.5  | < 2    | 0.63 | 0.5    | 20     | 87     | 39     | 3.74 | < 10   | < 1    | 0.04   | 10     | 1.00 | 379    |
| JB7D-1107          | 201 238   | < 5             | 3.13 | < 0.2  | < 5    | 330    | < 0.5  | < 2    | 0.52 | 1.0    | 27     | 117    | 47     | 4.17 | < 10   | < 1    | 0.03   | 10     | 1.18 | 279    |
| JB7D-1108          | 201 238   | < 5             | 1.53 | 0.2    | 10     | 280    | < 0.5  | < 2    | 0.84 | 0.5    | 12     | 46     | 61     | 2.89 | < 10   | < 1    | 0.06   | 20     | 0.55 | 412    |
| JB7D-1109          | 201 238   | < 5             | 3.42 | 1.2    | 15     | 660    | < 0.5  | 2      | 1.45 | 2.5    | 28     | 110    | 246    | 6.43 | < 10   | < 1    | 0.11   | 10     | 0.97 | 3320   |
| JB7D-1110          | 201 238   | 5               | 1.88 | < 0.2  | < 5    | 230    | < 0.5  | < 2    | 0.67 | 0.5    | 16     | 65     | 53     | 2.98 | < 10   | < 1    | 0.06   | 20     | 0.82 | 374    |
| JB7D-1111          | 201 238   | < 5             | 1.71 | < 0.2  | 5      | 160    | < 0.5  | < 2    | 0.43 | 0.5    | 7      | 58     | 20     | 3.70 | < 10   | < 1    | 0.03   | 10     | 0.45 | 239    |
| JB7D-1112          | 201 238   | < 5             | 1.32 | < 0.2  | 5      | 200    | < 0.5  | < 2    | 0.46 | 0.5    | 8      | 34     | 12     | 3.08 | < 10   | 1      | 0.09   | 20     | 0.26 | 270    |
| JB7D-1113          | 201 238   | < 5             | 1.14 | < 0.2  | 5      | 240    | < 0.5  | < 2    | 0.47 | < 0.5  | 5      | 27     | 10     | 2.08 | < 10   | < 1    | 0.08   | 20     | 0.29 | 200    |
| JB7D-1114          | 201 238   | < 5             | 1.54 | < 0.2  | < 5    | 360    | < 0.5  | < 2    | 1.35 | 0.5    | 12     | 47     | 32     | 1.83 | < 10   | < 1    | 0.04   | 10     | 0.72 | 276    |
| JB7D-1115          | 201 238   | < 5             | 2.14 | < 0.2  | 5      | 380    | < 0.5  | < 2    | 0.50 | 0.5    | 13     | 58     | 30     | 3.57 | < 10   | < 1    | 0.08   | 20     | 0.65 | 455    |

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# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

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MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG

Comments: CC: S. McALLISTER

Page No. : 2-B  
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Date : 30-AUG-87  
Invoice # : I-8720438  
P.O. # : 36858

## CERTIFICATE OF ANALYSIS A8720438

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti %   | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| JB7D-1036          | 201 238   | < 1    | < 0.01 | 32     | 680   | < 2    | < 5    | < 10   | 29     | 0.23   | < 10   | < 10  | 124   | < 5   | 64     |
| JB7D-1037          | 201 238   | < 1    | < 0.01 | 13     | 300   | 10     | < 5    | < 10   | 32     | 0.20   | < 10   | < 10  | 108   | < 5   | 38     |
| JB7D-1038          | 201 238   | < 1    | < 0.01 | 7      | 710   | 8      | < 5    | 10     | 155    | < 0.01 | < 10   | < 10  | 7     | < 5   | 4      |
| JB7D-1039          | 201 238   | < 1    | < 0.01 | 24     | 350   | 4      | < 5    | < 10   | 84     | 0.18   | < 10   | < 10  | 100   | 5     | 44     |
| JB7D-1040          | 201 238   | < 1    | < 0.01 | 30     | 1220  | 8      | < 5    | < 10   | 35     | 0.21   | < 10   | < 10  | 130   | < 5   | 128    |
| JB7D-1041          | 201 238   | < 1    | < 0.01 | 32     | 800   | 2      | < 5    | < 10   | 28     | 0.21   | < 10   | < 10  | 92    | 5     | 60     |
| JB7D-1042          | 201 238   | < 1    | < 0.01 | 27     | 540   | 8      | < 5    | < 10   | 27     | 0.21   | < 10   | < 10  | 114   | < 5   | 63     |
| JB7D-1043          | 201 238   | < 1    | < 0.01 | 31     | 990   | 2      | < 5    | < 10   | 28     | 0.19   | < 10   | < 10  | 120   | 5     | 90     |
| JB7D-1044          | 201 238   | < 1    | < 0.01 | 78     | 780   | 4      | < 5    | < 10   | 62     | 0.11   | < 10   | < 10  | 142   | 5     | 79     |
| JB7D-1045          | 201 238   | < 1    | < 0.01 | 51     | 670   | 10     | < 5    | < 10   | 58     | 0.13   | < 10   | < 10  | 106   | 5     | 88     |
| JB7D-1086          | 201 238   | < 1    | < 0.01 | 56     | 1850  | 10     | < 5    | < 10   | 43     | 0.12   | < 10   | < 10  | 89    | < 5   | 123    |
| JB7D-1087          | 201 238   | < 1    | < 0.01 | 337    | 450   | 8      | < 5    | < 10   | 29     | 0.11   | < 10   | < 10  | 69    | < 5   | 63     |
| JB7D-1088          | 201 238   | < 1    | < 0.01 | 325    | 430   | 4      | < 5    | < 10   | 28     | 0.08   | < 10   | < 10  | 65    | 5     | 135    |
| JB7D-1089          | 201 238   | < 1    | < 0.01 | 56     | 2200  | 8      | < 5    | < 10   | 37     | 0.07   | < 10   | < 10  | 56    | 5     | 145    |
| JB7D-1090          | 201 238   | < 1    | < 0.01 | 93     | 2620  | 6      | < 5    | < 10   | 50     | 0.07   | < 10   | < 10  | 57    | 5     | 88     |
| JB7D-1091          | 201 238   | < 1    | < 0.01 | 49     | 2620  | 12     | < 5    | < 10   | 46     | 0.06   | < 10   | < 10  | 58    | 5     | 129    |
| JB7D-1092          | 201 238   | < 1    | < 0.01 | 61     | 3370  | 6      | < 5    | < 10   | 47     | 0.07   | < 10   | < 10  | 60    | 5     | 139    |
| JB7D-1093          | 201 238   | < 1    | < 0.01 | 97     | 1760  | 4      | < 5    | < 10   | 34     | 0.09   | < 10   | < 10  | 76    | 5     | 79     |
| JB7D-1094          | 201 238   | < 1    | < 0.01 | 39     | 1640  | 8      | < 5    | < 10   | 34     | 0.11   | < 10   | < 10  | 92    | 5     | 100    |
| JB7D-1095          | 201 238   | < 1    | 0.01   | 84     | 1310  | 2      | < 5    | < 10   | 39     | 0.11   | < 10   | < 10  | 77    | 5     | 53     |
| JB7D-1096          | 201 238   | < 1    | < 0.01 | 29     | 870   | < 2    | < 5    | < 10   | 33     | 0.13   | < 10   | < 10  | 103   | 5     | 76     |
| JB7D-1097          | 201 238   | < 1    | 0.01   | 52     | 800   | 2      | < 5    | < 10   | 33     | 0.14   | < 10   | < 10  | 116   | 5     | 66     |
| JB7D-1098          | 201 238   | < 1    | < 0.01 | 66     | 660   | < 2    | < 5    | < 10   | 24     | 0.14   | < 10   | < 10  | 141   | < 5   | 74     |
| JB7D-1099          | 201 238   | < 1    | < 0.01 | 72     | 260   | 4      | < 5    | < 10   | 31     | 0.11   | < 10   | < 10  | 79    | < 5   | 39     |
| JB7D-1100          | 201 238   | < 1    | < 0.01 | 15     | 1020  | 20     | < 5    | < 10   | 100    | 0.01   | < 10   | < 10  | 19    | < 5   | 8      |
| JB7D-1101          | 201 238   | < 1    | < 0.01 | 25     | 980   | 2      | < 5    | < 10   | 32     | 0.14   | < 10   | < 10  | 101   | < 5   | 50     |
| JB7D-1102          | 201 238   | < 1    | < 0.01 | 36     | 340   | 8      | < 5    | < 10   | 50     | 0.13   | < 10   | < 10  | 90    | < 5   | 60     |
| JB7D-1103          | 201 238   | < 1    | < 0.01 | 490    | 590   | 8      | < 5    | < 10   | 30     | 0.10   | < 10   | < 10  | 87    | < 5   | 58     |
| JB7D-1104          | 201 238   | < 1    | < 0.01 | 19     | 320   | 8      | < 5    | < 10   | 36     | 0.13   | < 10   | < 10  | 65    | < 5   | 44     |
| JB7D-1105          | 201 238   | < 1    | 0.01   | 67     | 760   | < 2    | < 5    | < 10   | 40     | 0.16   | < 10   | < 10  | 116   | < 5   | 70     |
| JB7D-1106          | 201 238   | < 1    | < 0.01 | 59     | 1220  | 2      | < 5    | < 10   | 31     | 0.14   | < 10   | < 10  | 109   | < 5   | 78     |
| JB7D-1107          | 201 238   | < 1    | < 0.01 | 86     | 580   | 4      | < 5    | < 10   | 25     | 0.14   | < 10   | < 10  | 120   | < 5   | 70     |
| JB7D-1108          | 201 238   | < 1    | < 0.01 | 45     | 550   | 6      | < 5    | < 10   | 36     | 0.09   | < 10   | < 10  | 62    | < 5   | 78     |
| JB7D-1109          | 201 238   | 1      | 0.01   | 127    | 1100  | 14     | < 5    | < 10   | 72     | 0.09   | < 10   | < 10  | 122   | < 5   | 138    |
| JB7D-1110          | 201 238   | < 1    | 0.01   | 54     | 610   | 8      | < 5    | < 10   | 36     | 0.12   | < 10   | < 10  | 82    | < 5   | 56     |
| JB7D-1111          | 201 238   | < 1    | < 0.01 | 23     | 620   | 4      | < 5    | < 10   | 40     | 0.14   | < 10   | < 10  | 125   | < 5   | 66     |
| JB7D-1112          | 201 238   | < 1    | < 0.01 | 16     | 620   | 10     | < 5    | < 10   | 33     | 0.10   | < 10   | < 10  | 77    | < 5   | 77     |
| JB7D-1113          | 201 238   | < 1    | < 0.01 | 18     | 280   | 6      | < 5    | < 10   | 37     | 0.09   | < 10   | < 10  | 58    | < 5   | 58     |
| JB7D-1114          | 201 238   | < 1    | < 0.01 | 35     | 690   | 6      | < 5    | < 10   | 52     | 0.18   | < 10   | < 10  | 65    | < 5   | 69     |
| JB7D-1115          | 201 238   | < 1    | < 0.01 | 44     | 440   | 12     | < 5    | < 10   | 55     | 0.10   | < 10   | < 10  | 79    | < 5   | 80     |

CERTIFICATION :

*BCJ*





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BRITISH COLUMBIA, CANADA V7J-2C1

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Comments: CC: S. McALLISTER

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Tot. Pages: 5  
Date : 30-AUG-87  
Invoice #: I-8720438  
P.O. # : 36858

## CERTIFICATE OF ANALYSIS A8720438

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|
| JB7D-1116          | 201 238   | < 5             | 2.30 | 0.6    | 5      | 680    | < 0.5  | < 2    | 0.75 | 1.5    | 16     | 56     | 63     | 3.46 | < 10   | 2      | 0.08   | 20     | 0.54 | 1390   |
| JB7D-1117          | 201 238   | < 5             | 1.65 | 0.4    | < 5    | 530    | < 0.5  | 2      | 1.98 | 2.0    | 15     | 43     | 47     | 3.13 | < 10   | 2      | 0.06   | < 10   | 0.58 | 2050   |
| JB7D-1118          | 201 238   | < 5             | 1.90 | < 0.2  | < 5    | 250    | < 0.5  | < 2    | 0.46 | 0.5    | 20     | 36     | 21     | 4.41 | < 10   | 1      | 0.07   | 30     | 0.47 | 544    |
| JB7D-1119          | 201 238   | < 5             | 2.32 | 0.2    | 10     | 240    | < 0.5  | < 2    | 0.37 | 0.5    | 27     | 41     | 35     | 6.55 | < 10   | < 1    | 0.07   | 30     | 0.78 | 483    |
| JB7D-1120          | 201 238   | < 5             | 1.95 | < 0.2  | < 5    | 340    | < 0.5  | < 2    | 0.51 | 0.5    | 18     | 38     | 21     | 3.79 | < 10   | 1      | 0.09   | 20     | 0.50 | 515    |
| JB7D-1121          | 201 238   | < 5             | 0.88 | < 0.2  | < 5    | 210    | < 0.5  | < 2    | 0.24 | < 0.5  | 3      | 15     | 9      | 2.10 | < 10   | 1      | 0.11   | 30     | 0.15 | 125    |
| JB7D-1122          | 201 238   | < 5             | 2.08 | < 0.2  | 5      | 90     | < 0.5  | < 2    | 0.40 | 0.5    | 10     | 72     | 21     | 4.06 | < 10   | < 1    | 0.05   | 10     | 0.55 | 440    |
| JB7D-1123          | 201 238   | < 5             | 4.57 | 0.4    | < 5    | 70     | < 0.5  | < 2    | 1.50 | 0.5    | 38     | 604    | 69     | 4.09 | < 10   | < 1    | < 0.01 | < 10   | 3.41 | 422    |
| JB7D-1124          | 201 238   | < 5             | 2.10 | 0.4    | 5      | 160    | < 0.5  | < 2    | 1.34 | 1.0    | 22     | 166    | 117    | 3.28 | < 10   | < 1    | 0.08   | 10     | 1.13 | 1035   |
| JB7D-1125          | 201 238   | < 5             | 2.56 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 1.01 | 0.5    | 17     | 151    | 17     | 2.14 | < 10   | 4      | 0.04   | 10     | 1.12 | 350    |
| JB7D-1126          | 201 238   | < 5             | 1.99 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 0.78 | 0.5    | 28     | 90     | 26     | 5.52 | 10     | < 1    | 0.06   | 10     | 0.68 | 1215   |
| JB7D-1127          | 201 238   | < 5             | 1.87 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 0.81 | 1.0    | 23     | 129    | 42     | 3.79 | < 10   | < 1    | 0.03   | 20     | 1.62 | 417    |
| JB7D-1128          | 201 238   | 40              | 1.80 | < 0.2  | 10     | 100    | < 0.5  | < 2    | 0.67 | < 0.5  | 16     | 74     | 11     | 3.03 | < 10   | < 1    | 0.03   | 20     | 0.69 | 238    |
| JB7D-1129          | 201 238   | < 5             | 1.94 | < 0.2  | < 5    | 200    | < 0.5  | < 2    | 0.86 | 0.5    | 21     | 74     | 67     | 3.56 | 10     | < 1    | 0.04   | 10     | 0.94 | 671    |
| JB7D-1130          | 201 238   | < 5             | 2.19 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.69 | 0.5    | 21     | 86     | 115    | 3.84 | < 10   | < 1    | 0.04   | 10     | 0.73 | 358    |
| JB7D-1131          | 201 238   | < 5             | 1.67 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.75 | < 0.5  | 14     | 63     | 32     | 2.80 | < 10   | < 1    | 0.02   | 20     | 0.56 | 415    |
| JB7D-1132          | 201 238   | < 5             | 2.26 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.95 | < 0.5  | 17     | 93     | 26     | 2.80 | 10     | < 1    | 0.03   | 20     | 0.86 | 340    |
| JB7D-1133          | 201 238   | 5               | 1.79 | < 0.2  | 5      | 190    | < 0.5  | < 2    | 0.50 | < 0.5  | 16     | 92     | 8      | 3.94 | 10     | < 1    | 0.03   | 20     | 0.53 | 495    |
| IZ7D-0599          | 201 238   | < 5             | 2.43 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.51 | 0.5    | 20     | 64     | 51     | 4.57 | 10     | < 1    | 0.14   | 20     | 1.08 | 406    |
| IZ7D-0600          | 201 238   | 160             | 1.50 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.51 | 1.0    | 14     | 74     | 12     | 3.92 | 10     | < 1    | 0.07   | 20     | 0.46 | 897    |
| IZ7D-0601          | 201 238   | 100             | 0.92 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.28 | 1.0    | 7      | 18     | 24     | 3.62 | < 10   | 1      | 0.05   | 30     | 0.07 | 153    |
| IZ7D-0602          | 201 238   | < 5             | 0.87 | < 0.2  | 615    | 80     | < 0.5  | < 2    | 0.28 | < 0.5  | 217    | 1570   | 22     | 9.28 | < 10   | < 1    | < 0.01 | < 10   | 5.48 | 1530   |
| IZ7D-0603          | 201 238   | < 5             | 1.09 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.44 | 0.5    | 10     | 52     | 9      | 2.04 | < 10   | < 1    | 0.06   | 20     | 0.33 | 338    |
| IZ7D-0604          | 201 238   | 20              | 1.60 | < 0.2  | 25     | 180    | < 0.5  | < 2    | 0.65 | < 0.5  | 27     | 148    | 34     | 3.70 | < 10   | < 1    | 0.06   | 20     | 1.18 | 450    |
| IZ7D-0605          | 201 238   | 5               | 1.42 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.56 | 0.5    | 13     | 60     | 10     | 2.12 | < 10   | < 1    | 0.08   | 20     | 0.55 | 288    |
| IZ7D-0606          | 201 238   | 10              | 1.68 | < 0.2  | < 5    | 200    | < 0.5  | < 2    | 0.73 | 1.0    | 27     | 171    | 19     | 3.27 | < 10   | 1      | 0.09   | 20     | 1.16 | 958    |
| IZ7D-0607          | 201 238   | 160             | 1.53 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.73 | 0.5    | 21     | 196    | 5      | 2.78 | < 10   | < 1    | 0.02   | 20     | 1.23 | 328    |
| IZ7D-0608          | 201 238   | < 5             | 1.70 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.76 | 0.5    | 17     | 122    | 11     | 2.66 | 10     | < 1    | 0.04   | 20     | 0.90 | 365    |
| IZ7D-0609          | 201 238   | < 5             | 1.78 | < 0.2  | < 5    | 80     | < 0.5  | < 2    | 0.62 | < 0.5  | 16     | 84     | 10     | 2.81 | < 10   | < 1    | 0.02   | 20     | 0.73 | 266    |
| IZ7D-0610          | 201 238   | < 5             | 1.88 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.53 | 1.0    | 15     | 63     | 24     | 3.23 | < 10   | < 1    | 0.05   | 10     | 0.69 | 450    |
| IZ7D-0611          | 201 238   | < 5             | 1.60 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 0.45 | < 0.5  | 14     | 52     | 18     | 2.93 | < 10   | < 1    | 0.04   | 10     | 0.55 | 392    |
| IZ7D-0612          | 201 238   | < 10            | 0.35 | 0.2    | 15     | 140    | < 0.5  | < 2    | 4.38 | < 0.5  | 3      | 5      | 62     | 0.22 | 10     | < 1    | 0.01   | 10     | 0.38 | 177    |
| IZ7D-0613          | 201 238   | < 5             | 1.75 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.57 | < 0.5  | 15     | 63     | 30     | 3.11 | < 10   | < 1    | 0.03   | 10     | 0.68 | 260    |
| IZ7D-0614          | 201 238   | < 5             | 2.13 | 0.6    | 15     | 240    | < 0.5  | < 2    | 1.34 | < 0.5  | 17     | 82     | 110    | 3.43 | 10     | < 1    | 0.03   | 30     | 0.64 | 1025   |
| IZ7D-0615          | 201 238   | < 5             | 1.87 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 0.89 | < 0.5  | 22     | 108    | 20     | 3.46 | < 10   | < 1    | 0.04   | 20     | 1.08 | 409    |
| IZ7D-0616          | 201 238   | 15              | 1.76 | < 0.2  | < 5    | 180    | < 0.5  | < 2    | 0.70 | 0.5    | 16     | 62     | 21     | 2.96 | < 10   | < 1    | 0.05   | 20     | 0.70 | 447    |
| IZ7D-0617          | 201 238   | 10              | 1.50 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.60 | < 0.5  | 10     | 48     | 16     | 2.71 | < 10   | < 1    | 0.05   | 10     | 0.45 | 230    |
| IZ7D-0618          | 201 238   | < 5             | 1.73 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.69 | < 0.5  | 18     | 52     | 30     | 2.72 | < 10   | < 1    | 0.05   | 20     | 0.57 | 576    |
| IZ7D-0619          | 201 238   | < 5             | 2.33 | < 0.2  | 20     | 150    | < 0.5  | < 2    | 0.81 | < 0.5  | 21     | 58     | 50     | 3.31 | < 10   | < 1    | 0.04   | 20     | 0.68 | 999    |
| IZ7D-0620          | 201 238   | < 5             | 2.01 | < 0.2  | 10     | 130    | < 0.5  | < 2    | 0.67 | < 0.5  | 16     | 49     | 14     | 2.97 | 10     | 1      | 0.03   | 20     | 0.56 | 412    |

CERTIFICATION :



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 BRITISH COLUMBIA, CANADA V7J-2C1  
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| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti %   | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| JB7D-1116          | 201 238   | < 1    | < 0.01 | 49     | 490   | 8      | < 5    | < 10   | 110    | 0.07   | < 10   | < 10  | 67    | < 5   | 116    |
| JB7D-1117          | 201 238   | < 1    | < 0.01 | 37     | 1170  | 8      | < 5    | < 10   | 272    | 0.05   | < 10   | < 10  | 50    | < 5   | 74     |
| JB7D-1118          | 201 238   | < 1    | < 0.01 | 35     | 720   | 14     | < 5    | < 10   | 50     | 0.08   | < 10   | < 10  | 80    | < 5   | 87     |
| JB7D-1119          | 201 238   | < 1    | < 0.01 | 63     | 1290  | 12     | < 5    | < 10   | 39     | 0.06   | < 10   | < 10  | 103   | < 5   | 122    |
| JB7D-1120          | 201 238   | < 1    | < 0.01 | 34     | 910   | 8      | < 5    | < 10   | 40     | 0.08   | < 10   | < 10  | 76    | < 5   | 84     |
| JB7D-1121          | 201 238   | < 1    | < 0.01 | 12     | 480   | 12     | < 5    | < 10   | 17     | 0.04   | < 10   | < 10  | 36    | < 5   | 43     |
| JB7D-1122          | 201 238   | < 1    | < 0.01 | 35     | 2320  | 4      | < 5    | < 10   | 29     | 0.10   | < 10   | < 10  | 100   | < 5   | 115    |
| JB7D-1123          | 201 238   | < 1    | < 0.01 | 158    | 320   | < 2    | < 5    | < 10   | 43     | 0.03   | < 10   | < 10  | 87    | < 5   | 34     |
| JB7D-1124          | 201 238   | < 1    | < 0.01 | 164    | 1410  | 6      | < 5    | < 10   | 61     | 0.07   | < 10   | < 10  | 82    | < 5   | 94     |
| JB7D-1125          | 201 238   | < 1    | < 0.01 | 65     | 540   | < 2    | < 5    | < 10   | 37     | 0.08   | < 10   | < 10  | 72    | < 5   | 41     |
| JB7D-1126          | 201 238   | < 1    | < 0.01 | 69     | 810   | 8      | < 5    | 10     | 27     | 0.12   | < 10   | < 10  | 127   | < 5   | 91     |
| JB7D-1127          | 201 238   | < 1    | < 0.01 | 144    | 670   | < 2    | < 5    | 10     | 29     | 0.10   | < 10   | < 10  | 92    | < 5   | 67     |
| JB7D-1128          | 201 238   | < 1    | < 0.01 | 48     | 1180  | < 2    | < 5    | 10     | 26     | 0.11   | < 10   | < 10  | 88    | < 5   | 89     |
| JB7D-1129          | 201 238   | < 1    | < 0.01 | 54     | 1080  | 4      | < 5    | 10     | 29     | 0.12   | < 10   | < 10  | 103   | < 5   | 62     |
| JB7D-1130          | 201 238   | < 1    | < 0.01 | 71     | 590   | 4      | < 5    | 10     | 23     | 0.13   | < 10   | < 10  | 107   | < 5   | 86     |
| JB7D-1131          | 201 238   | < 1    | < 0.01 | 49     | 400   | 4      | < 5    | 10     | 30     | 0.13   | < 10   | < 10  | 93    | < 5   | 53     |
| JB7D-1132          | 201 238   | < 1    | < 0.01 | 61     | 490   | < 2    | < 5    | < 10   | 36     | 0.13   | < 10   | < 10  | 92    | < 5   | 62     |
| JB7D-1133          | 201 238   | < 2    | < 0.01 | 49     | 210   | < 2    | < 5    | 10     | 37     | 0.15   | < 10   | < 10  | 127   | < 5   | 44     |
| IZ7D-0599          | 201 238   | < 2    | < 0.01 | 48     | 750   | 30     | < 5    | 10     | 38     | 0.21   | < 10   | < 10  | 124   | < 5   | 89     |
| IZ7D-0600          | 201 238   | < 1    | < 0.01 | 22     | 730   | 20     | < 5    | 10     | 36     | 0.15   | < 10   | < 10  | 119   | < 5   | 134    |
| IZ7D-0601          | 201 238   | < 4    | < 0.01 | 35     | 2400  | < 2    | < 5    | 10     | 21     | 0.01   | < 10   | < 10  | 30    | < 5   | 207    |
| IZ7D-0602          | 201 238   | < 1    | < 0.01 | 3200   | 750   | < 2    | < 5    | 10     | 22     | 0.01   | < 10   | < 10  | 37    | < 5   | 106    |
| IZ7D-0603          | 201 238   | < 1    | < 0.01 | 46     | 1060  | 12     | < 5    | < 10   | 26     | 0.06   | < 10   | < 10  | 47    | < 5   | 105    |
| IZ7D-0604          | 201 238   | < 1    | < 0.01 | 197    | 1490  | 14     | < 5    | 10     | 32     | 0.09   | < 10   | < 10  | 81    | < 5   | 83     |
| IZ7D-0605          | 201 238   | < 1    | < 0.01 | 48     | 850   | < 2    | < 5    | < 10   | 33     | 0.11   | < 10   | < 10  | 63    | < 5   | 66     |
| IZ7D-0606          | 201 238   | < 1    | < 0.01 | 146    | 980   | 8      | < 5    | 10     | 40     | 0.12   | < 10   | < 10  | 83    | < 5   | 125    |
| IZ7D-0607          | 201 238   | < 1    | < 0.01 | 97     | 470   | 6      | < 5    | < 10   | 31     | 0.13   | < 10   | < 10  | 77    | < 5   | 55     |
| IZ7D-0608          | 201 238   | < 1    | < 0.01 | 65     | 530   | < 2    | < 5    | 10     | 33     | 0.14   | < 10   | < 10  | 90    | < 5   | 49     |
| IZ7D-0609          | 201 238   | < 1    | < 0.01 | 51     | 330   | < 2    | < 5    | < 10   | 30     | 0.16   | < 10   | < 10  | 95    | < 5   | 44     |
| IZ7D-0610          | 201 238   | < 1    | < 0.01 | 42     | 990   | 2      | < 5    | 10     | 33     | 0.14   | < 10   | < 10  | 106   | < 5   | 44     |
| IZ7D-0611          | 201 238   | < 1    | < 0.01 | 33     | 900   | < 2    | < 5    | < 10   | 30     | 0.13   | < 10   | < 10  | 90    | < 5   | 69     |
| IZ7D-0612          | 201 238   | < 1    | < 0.01 | 36     | 790   | < 2    | 10     | < 10   | 144    | < 0.01 | < 10   | < 10  | 7     | < 5   | 3      |
| IZ7D-0613          | 201 238   | < 1    | < 0.01 | 54     | 600   | 4      | 5      | < 10   | 36     | 0.14   | < 10   | < 10  | 92    | < 5   | 45     |
| IZ7D-0614          | 201 238   | < 1    | < 0.01 | 142    | 850   | 18     | < 5    | 10     | 58     | 0.12   | < 10   | < 10  | 93    | < 5   | 60     |
| IZ7D-0615          | 201 238   | < 1    | < 0.01 | 99     | 530   | 4      | < 5    | 10     | 34     | 0.15   | < 10   | < 10  | 104   | < 5   | 42     |
| IZ7D-0616          | 201 238   | < 1    | < 0.01 | 52     | 950   | < 2    | < 5    | 10     | 37     | 0.13   | < 10   | < 10  | 85    | < 5   | 56     |
| IZ7D-0617          | 201 238   | < 1    | < 0.01 | 28     | 360   | 4      | < 5    | < 10   | 33     | 0.15   | < 10   | < 10  | 97    | < 5   | 48     |
| IZ7D-0618          | 201 238   | < 1    | < 0.01 | 51     | 490   | 4      | < 5    | < 10   | 31     | 0.12   | < 10   | < 10  | 80    | < 5   | 50     |
| IZ7D-0619          | 201 238   | < 1    | < 0.01 | 66     | 450   | < 2    | < 5    | 10     | 32     | 0.13   | < 10   | < 10  | 112   | < 5   | 61     |
| IZ7D-0620          | 201 238   | < 1    | < 0.01 | 28     | 470   | 10     | < 5    | 10     | 28     | 0.17   | < 10   | < 10  | 113   | < 5   | 59     |

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

16. CHEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project: M543-DOG  
Comments: CC: S. McALLISTER

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Invoice #: I-8720438  
P.O. #: 36858

## CERTIFICATE OF ANALYSIS A8720438

| SAMPLE DESCRIPTION | PREP CODE |     | Au ppb | 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 |
|--------------------|-----------|-----|--------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
|                    |           |     | FA+AA  |      |        |        |        |        |        |      |        |        |        |        |      |        |        |      |        |      |        |
| IZ7D-0621          | 201       | 238 | < 5    | 1.81 | < 0.2  | 20     | 100    | < 0.5  | 2      | 0.53 | < 0.5  | 12     | 53     | 13     | 3.04 | 10     | < 1    | 0.03 | 10     | 0.58 | 234    |
| IZ7D-0622          | 201       | 238 | < 5    | 1.85 | < 0.2  | 5      | 100    | < 0.5  | 2      | 0.63 | < 0.5  | 13     | 65     | 20     | 3.22 | 10     | < 1    | 0.06 | 10     | 0.76 | 293    |
| IZ7D-0623          | 201       | 238 | < 5    | 1.36 | < 0.2  | 10     | 130    | < 0.5  | < 2    | 0.46 | < 0.5  | 11     | 54     | 14     | 3.32 | 10     | < 1    | 0.04 | 10     | 0.40 | 2050   |
| IZ7D-0624          | 201       | 238 | 40     | 1.53 | < 0.2  | 20     | 170    | < 0.5  | 4      | 0.53 | < 0.5  | 9      | 50     | 16     | 2.44 | 10     | < 1    | 0.04 | 20     | 0.52 | 249    |
| IZ7D-0625          | 201       | 238 | < 5    | 2.20 | 0.8    | 5      | 470    | 0.5    | 4      | 1.76 | 1.5    | 17     | 77     | 124    | 3.29 | 10     | < 1    | 0.07 | 30     | 0.73 | 1330   |
| IZ7D-0626          | 201       | 238 | < 5    | 1.97 | < 0.2  | 5      | 150    | < 0.5  | 2      | 0.51 | < 0.5  | 15     | 74     | 22     | 3.98 | 10     | < 1    | 0.05 | 10     | 0.66 | 312    |
| IZ7D-0628          | 201       | 238 | < 5    | 2.03 | < 0.2  | < 5    | 230    | < 0.5  | < 2    | 0.44 | < 0.5  | 14     | 72     | 30     | 4.11 | 10     | < 1    | 0.07 | 20     | 0.64 | 294    |
| IZ7D-0629          | 201       | 238 | < 5    | 3.37 | < 0.2  | 15     | 170    | < 0.5  | 2      | 1.06 | < 0.5  | 39     | 92     | 36     | 7.40 | 20     | 2      | 0.03 | 10     | 1.59 | 590    |
| IZ7D-0630          | 201       | 238 | < 5    | 1.75 | < 0.2  | 15     | 320    | < 0.5  | < 2    | 0.49 | < 0.5  | 15     | 47     | 25     | 2.62 | 10     | < 1    | 0.08 | 20     | 0.46 | 588    |
| IZ7D-0631          | 201       | 238 | < 5    | 1.60 | 0.8    | 20     | 380    | < 0.5  | < 2    | 0.32 | < 0.5  | 11     | 46     | 36     | 3.54 | < 10   | < 1    | 0.09 | 10     | 0.35 | 233    |
| IZ7D-0632          | 201       | 238 | < 5    | 1.04 | < 0.2  | < 5    | 330    | < 0.5  | < 2    | 0.51 | < 0.5  | 8      | 35     | 13     | 2.11 | < 10   | < 1    | 0.09 | 20     | 0.33 | 424    |
| IZ7D-0633          | 201       | 238 | < 5    | 0.69 | < 0.2  | 10     | 150    | < 0.5  | 2      | 0.31 | < 0.5  | 3      | 22     | 8      | 1.46 | < 10   | < 1    | 0.05 | 20     | 0.12 | 106    |
| IZ7D-0634          | 201       | 238 | < 5    | 2.89 | 0.4    | 10     | 750    | < 0.5  | 4      | 0.96 | 0.5    | 22     | 85     | 56     | 4.59 | 10     | < 1    | 0.19 | 20     | 0.96 | 1595   |
| IZ7D-0635          | 201       | 238 | < 5    | 1.13 | < 0.2  | 15     | 350    | < 0.5  | < 2    | 0.51 | < 0.5  | 5      | 29     | 19     | 1.55 | < 10   | < 1    | 0.06 | 20     | 0.23 | 124    |
| IZ7D-0636          | 201       | 238 | < 5    | 1.49 | < 0.2  | 25     | 160    | < 0.5  | 2      | 0.30 | < 0.5  | 9      | 38     | 19     | 2.91 | < 10   | < 1    | 0.06 | 20     | 0.32 | 225    |
| IZ7D-0637          | 201       | 238 | < 5    | 1.22 | < 0.2  | 5      | 200    | < 0.5  | < 2    | 0.45 | 0.5    | 9      | 33     | 22     | 2.85 | < 10   | < 1    | 0.07 | 20     | 0.33 | 220    |
| IZ7D-0638          | 201       | 238 | < 5    | 0.72 | 3.2    | < 5    | 680    | < 0.5  | < 2    | 3.57 | 3.0    | 9      | 22     | 73     | 1.27 | 10     | < 1    | 0.04 | 10     | 0.35 | 1485   |
| IZ7D-0639          | 201       | 238 | < 5    | 0.93 | < 0.2  | < 5    | 170    | < 0.5  | < 2    | 0.34 | < 0.5  | 5      | 30     | 9      | 2.00 | < 10   | < 1    | 0.09 | 20     | 0.21 | 168    |
| IZ7D-0640          | 201       | 238 | < 5    | 0.59 | 0.2    | 5      | 80     | < 0.5  | < 2    | 0.22 | < 0.5  | 4      | 26     | 12     | 1.62 | < 10   | < 1    | 0.04 | 30     | 0.06 | 95     |
| IZ7D-0641          | 201       | 238 | < 5    | 0.65 | 0.2    | 10     | 90     | < 0.5  | 2      | 0.26 | < 0.5  | 2      | 14     | 3      | 0.82 | < 10   | < 1    | 0.06 | 30     | 0.08 | 59     |
| IZ7D-0642          | 201       | 238 | < 5    | 1.36 | < 0.2  | < 5    | 130    | < 0.5  | 2      | 0.43 | 1.0    | 12     | 39     | 28     | 3.79 | < 10   | < 1    | 0.07 | 20     | 0.44 | 287    |
| IZ7D-0643          | 201       | 238 | < 5    | 1.43 | < 0.2  | 10     | 110    | < 0.5  | < 2    | 0.31 | < 0.5  | 8      | 40     | 14     | 3.50 | 10     | 1      | 0.05 | 20     | 0.26 | 184    |
| IZ7D-0644          | 201       | 238 | < 5    | 1.27 | < 0.2  | 10     | 220    | < 0.5  | 2      | 0.75 | < 0.5  | 9      | 40     | 16     | 2.37 | 10     | < 1    | 0.02 | 30     | 0.47 | 344    |
| IZ7D-0645          | 201       | 238 | < 5    | 1.92 | < 0.2  | < 5    | 250    | < 0.5  | 2      | 1.24 | < 0.5  | 20     | 70     | 62     | 3.98 | 10     | < 1    | 0.03 | 20     | 0.71 | 1005   |
| IZ7D-0646          | 201       | 238 | < 5    | 1.27 | < 0.2  | < 5    | 100    | < 0.5  | 2      | 0.36 | 2.5    | 10     | 41     | 23     | 3.41 | < 10   | < 1    | 0.03 | 20     | 0.37 | 218    |
| IZ7D-0647          | 201       | 238 | < 5    | 2.03 | < 0.2  | 10     | 90     | < 0.5  | < 2    | 0.69 | < 0.5  | 17     | 67     | 31     | 4.77 | 10     | < 1    | 0.02 | 10     | 0.74 | 433    |
| IZ7D-0648          | 201       | 238 | < 5    | 0.98 | < 0.2  | < 5    | 270    | < 0.5  | 2      | 3.09 | 0.5    | 12     | 40     | 97     | 2.14 | 10     | 1      | 0.02 | 20     | 0.48 | 937    |
| IZ7D-0649          | 201       | 238 | < 5    | 2.60 | < 0.2  | < 5    | 290    | < 0.5  | < 2    | 1.10 | < 0.5  | 25     | 100    | 84     | 5.32 | < 10   | 1      | 0.02 | 20     | 0.72 | 1580   |
| IZ7D-0650          | 201       | 238 | < 5    | 1.64 | < 0.2  | 5      | 260    | < 0.5  | < 2    | 1.73 | < 0.5  | 16     | 66     | 53     | 3.33 | < 10   | < 1    | 0.05 | 20     | 0.61 | 1260   |
| IZ7D-0651          | 201       | 238 | < 5    | 1.57 | < 0.2  | 10     | 270    | < 0.5  | < 2    | 2.18 | < 0.5  | 14     | 63     | 51     | 3.04 | < 10   | < 1    | 0.03 | 20     | 0.67 | 1165   |
| IZ7D-0652          | 201       | 238 | < 5    | 1.18 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.60 | < 0.5  | 8      | 38     | 27     | 2.68 | < 10   | < 1    | 0.02 | 20     | 0.26 | 232    |
| IZ7D-0653          | 201       | 238 | < 5    | 1.93 | < 0.2  | 15     | 170    | < 0.5  | < 2    | 1.15 | 0.5    | 17     | 63     | 28     | 3.42 | < 10   | < 1    | 0.03 | 20     | 0.74 | 599    |
| IZ7D-0654          | 201       | 238 | < 5    | 1.82 | < 0.2  | 5      | 200    | < 0.5  | < 2    | 1.14 | < 0.5  | 14     | 55     | 20     | 3.03 | < 10   | < 1    | 0.03 | 20     | 0.71 | 475    |
| IZ7D-0655          | 201       | 238 | < 5    | 2.00 | < 0.2  | < 5    | 230    | < 0.5  | 2      | 1.23 | < 0.5  | 13     | 51     | 24     | 2.70 | < 10   | 1      | 0.01 | 20     | 0.72 | 328    |
| IZ7D-0656          | 201       | 238 | < 5    | 1.98 | < 0.2  | < 5    | 220    | < 0.5  | < 2    | 1.02 | 0.5    | 15     | 53     | 19     | 3.72 | < 10   | < 1    | 0.03 | 20     | 0.50 | 455    |
| IZ7D-0657          | 201       | 238 | < 5    | 2.50 | < 0.2  | 5      | 250    | < 0.5  | < 2    | 1.17 | < 0.5  | 20     | 70     | 25     | 3.70 | < 10   | < 1    | 0.03 | 20     | 0.77 | 694    |
| IZ7D-0658          | 201       | 238 | < 5    | 1.83 | < 0.2  | < 5    | 110    | < 0.5  | 2      | 0.94 | 1.0    | 12     | 51     | 11     | 3.39 | < 10   | < 1    | 0.05 | 20     | 0.51 | 361    |
| IZ7D-0659          | 201       | 238 | 10     | 2.14 | < 0.2  | < 5    | 160    | < 0.5  | < 2    | 1.21 | < 0.5  | 27     | 93     | 63     | 4.56 | < 10   | < 1    | 0.06 | 20     | 0.97 | 1115   |
| IZ7D-0660          | 201       | 238 | < 5    | 2.69 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 1.28 | < 0.5  | 22     | 72     | 39     | 4.81 | < 10   | < 1    | 0.04 | 20     | 1.03 | 613    |
| IZ7D-0661          | 201       | 238 | < 5    | 2.04 | < 0.2  | < 5    | 110    | < 0.5  | 2      | 0.81 | 0.5    | 14     | 53     | 20     | 3.78 | < 10   | < 1    | 0.05 | 20     | 0.59 | 519    |

CERTIFICATION :



# Chemex Labs Ltd.

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

THE CHEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project : M543-DOG  
 Comments: CC: S. McALLISTER

Page No. : 4-B  
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 Date : 30-AUG-87  
 Invoice # : I-8720438  
 P.O. # : 36858

## CERTIFICATE OF ANALYSIS A8720438

| SAMPLE DESCRIPTION | PREP CODE |     | Mo  | Na     | Ni  | P    | Pb  | Sb  | Se   | Sr  | Ti   | Tl   | U    | V   | W   | Zn  |
|--------------------|-----------|-----|-----|--------|-----|------|-----|-----|------|-----|------|------|------|-----|-----|-----|
|                    |           |     | ppm | %      | ppm | ppm  | ppm | ppm | ppm  | ppm | %    | ppm  | ppm  | ppm | ppm | ppm |
| IZ7D-0621          | 201       | 238 | < 1 | < 0.01 | 27  | 320  | 12  | 5   | < 10 | 31  | 0.15 | < 10 | < 10 | 107 | < 5 | 45  |
| IZ7D-0622          | 201       | 238 | < 1 | < 0.01 | 37  | 850  | 8   | 5   | 10   | 28  | 0.14 | < 10 | < 10 | 104 | < 5 | 41  |
| IZ7D-0623          | 201       | 238 | < 1 | 0.01   | 16  | 870  | 4   | < 5 | 10   | 37  | 0.16 | < 10 | < 10 | 118 | < 5 | 91  |
| IZ7D-0624          | 201       | 238 | < 1 | < 0.01 | 25  | 370  | < 2 | 5   | < 10 | 36  | 0.12 | < 10 | < 10 | 82  | < 5 | 59  |
| IZ7D-0625          | 201       | 238 | < 1 | 0.01   | 68  | 1680 | 10  | < 5 | 10   | 77  | 0.04 | 10   | < 10 | 67  | < 5 | 47  |
| IZ7D-0626          | 201       | 238 | < 1 | 0.01   | 38  | 1330 | 2   | 10  | < 10 | 43  | 0.13 | < 10 | < 10 | 124 | < 5 | 68  |
| IZ7D-0628          | 201       | 238 | < 1 | < 0.01 | 39  | 660  | 10  | 5   | < 10 | 34  | 0.14 | < 10 | < 10 | 121 | < 5 | 83  |
| IZ7D-0629          | 201       | 238 | < 1 | 0.01   | 42  | 650  | 2   | < 5 | 10   | 36  | 0.30 | < 10 | < 10 | 371 | < 5 | 142 |
| IZ7D-0630          | 201       | 238 | < 1 | < 0.01 | 31  | 360  | 6   | 5   | 10   | 35  | 0.11 | < 10 | < 10 | 79  | < 5 | 110 |
| IZ7D-0631          | 201       | 238 | < 1 | < 0.01 | 39  | 470  | 4   | 5   | < 10 | 34  | 0.08 | < 10 | < 10 | 80  | < 5 | 125 |
| IZ7D-0632          | 201       | 238 | < 1 | < 0.01 | 18  | 720  | 4   | 5   | < 10 | 33  | 0.08 | < 10 | < 10 | 58  | < 5 | 73  |
| IZ7D-0633          | 201       | 238 | < 1 | < 0.01 | 11  | 440  | < 2 | 5   | < 10 | 27  | 0.08 | < 10 | < 10 | 50  | < 5 | 42  |
| IZ7D-0634          | 201       | 238 | < 1 | < 0.01 | 81  | 920  | 14  | < 5 | 10   | 52  | 0.08 | < 10 | < 10 | 85  | < 5 | 116 |
| IZ7D-0635          | 201       | 238 | < 1 | < 0.01 | 12  | 290  | < 2 | < 5 | < 10 | 39  | 0.07 | < 10 | < 10 | 47  | < 5 | 41  |
| IZ7D-0636          | 201       | 238 | < 1 | < 0.01 | 24  | 1080 | 2   | < 5 | < 10 | 25  | 0.07 | < 10 | < 10 | 64  | < 5 | 100 |
| IZ7D-0637          | 201       | 238 | < 1 | < 0.01 | 26  | 1790 | 18  | 5   | < 10 | 30  | 0.06 | < 10 | < 10 | 61  | < 5 | 92  |
| IZ7D-0638          | 201       | 238 | < 1 | < 0.01 | 62  | 1630 | 8   | 10  | 20   | 192 | 0.01 | < 10 | 10   | 17  | < 5 | 24  |
| IZ7D-0639          | 201       | 238 | < 1 | < 0.01 | 13  | 730  | 2   | < 5 | < 10 | 27  | 0.07 | < 10 | < 10 | 53  | < 5 | 91  |
| IZ7D-0640          | 201       | 238 | < 1 | < 0.01 | 18  | 260  | 10  | 5   | < 10 | 25  | 0.06 | < 10 | < 10 | 57  | < 5 | 92  |
| IZ7D-0641          | 201       | 238 | < 1 | < 0.01 | 4   | 210  | < 2 | < 5 | < 10 | 20  | 0.05 | < 10 | < 10 | 32  | < 5 | 33  |
| IZ7D-0642          | 201       | 238 | < 1 | < 0.01 | 36  | 1350 | 2   | 5   | < 10 | 30  | 0.07 | < 10 | < 10 | 60  | < 5 | 151 |
| IZ7D-0643          | 201       | 238 | < 1 | < 0.01 | 21  | 1030 | 12  | < 5 | < 10 | 23  | 0.08 | < 10 | < 10 | 71  | < 5 | 62  |
| IZ7D-0644          | 201       | 238 | < 1 | < 0.01 | 20  | 860  | 4   | < 5 | < 10 | 42  | 0.10 | < 10 | < 10 | 57  | < 5 | 35  |
| IZ7D-0645          | 201       | 238 | < 1 | < 0.01 | 39  | 470  | 4   | 5   | < 10 | 40  | 0.13 | < 10 | < 10 | 93  | < 5 | 51  |
| IZ7D-0646          | 201       | 238 | < 1 | < 0.01 | 26  | 810  | 14  | 5   | < 10 | 18  | 0.09 | < 10 | < 10 | 61  | < 5 | 65  |
| IZ7D-0647          | 201       | 238 | < 1 | < 0.01 | 30  | 460  | 14  | 5   | 10   | 17  | 0.22 | < 10 | < 10 | 123 | < 5 | 65  |
| IZ7D-0648          | 201       | 238 | < 1 | 0.01   | 41  | 640  | 8   | 15  | 10   | 91  | 0.05 | < 10 | < 10 | 45  | < 5 | 27  |
| IZ7D-0649          | 201       | 238 | < 1 | < 0.01 | 47  | 450  | 8   | 5   | 10   | 37  | 0.13 | < 10 | < 10 | 119 | < 5 | 52  |
| IZ7D-0650          | 201       | 238 | < 1 | < 0.01 | 33  | 660  | < 2 | 5   | < 10 | 53  | 0.12 | < 10 | < 10 | 78  | < 5 | 46  |
| IZ7D-0651          | 201       | 238 | < 1 | < 0.01 | 31  | 910  | 8   | 5   | < 10 | 65  | 0.11 | < 10 | < 10 | 71  | < 5 | 43  |
| IZ7D-0652          | 201       | 238 | < 1 | < 0.01 | 19  | 240  | 4   | < 5 | < 10 | 19  | 0.14 | < 10 | < 10 | 108 | < 5 | 40  |
| IZ7D-0653          | 201       | 238 | < 1 | < 0.01 | 32  | 390  | < 2 | < 5 | 10   | 26  | 0.25 | < 10 | < 10 | 115 | < 5 | 47  |
| IZ7D-0654          | 201       | 238 | < 1 | < 0.01 | 24  | 280  | 4   | < 5 | 10   | 29  | 0.23 | < 10 | < 10 | 106 | < 5 | 38  |
| IZ7D-0655          | 201       | 238 | < 1 | 0.01   | 24  | 350  | 4   | 5   | < 10 | 39  | 0.20 | < 10 | < 10 | 96  | < 5 | 45  |
| IZ7D-0656          | 201       | 238 | < 1 | < 0.01 | 17  | 580  | 2   | 5   | 10   | 31  | 0.22 | < 10 | < 10 | 126 | < 5 | 62  |
| IZ7D-0657          | 201       | 238 | < 1 | < 0.01 | 32  | 200  | < 2 | 5   | < 10 | 34  | 0.20 | < 10 | < 10 | 115 | < 5 | 43  |
| IZ7D-0658          | 201       | 238 | < 1 | < 0.01 | 19  | 420  | < 2 | < 5 | 10   | 23  | 0.18 | < 10 | < 10 | 110 | < 5 | 58  |
| IZ7D-0659          | 201       | 238 | < 1 | < 0.01 | 57  | 330  | 10  | 5   | 10   | 31  | 0.11 | < 10 | < 10 | 112 | < 5 | 58  |
| IZ7D-0660          | 201       | 238 | < 1 | 0.01   | 41  | 610  | 14  | 5   | 10   | 25  | 0.24 | < 10 | < 10 | 140 | < 5 | 61  |
| IZ7D-0661          | 201       | 238 | < 1 | < 0.01 | 25  | 770  | 2   | 5   | < 10 | 21  | 0.17 | < 10 | < 10 | 109 | < 5 | 74  |

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

TO CHEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project : M543-DOG  
 Comments: CC: S. McALLISTER

Page No. : 5-A  
 Tot. Pages: 5  
 Date : 30-AUG-87  
 Invoice # : I-8720438  
 P.O. # : 36858

## CERTIFICATE OF ANALYSIS A8720438

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|
| IZ7D-0662          | 201 238   | < 5             | 2.52 | 0.2    | 15     | 290    | < 0.5  | < 2    | 0.69 | 1.0    | 23     | 80     | 55     | 4.28  | < 10   | < 1    | 0.10   | 20     | 0.97 | 906    |
| IZ7D-0663          | 201 238   | < 5             | 1.32 | < 0.2  | < 5    | 160    | < 0.5  | < 2    | 0.72 | < 0.5  | 190    | 1590   | 30     | 10.55 | < 10   | < 1    | < 0.01 | 10     | 1.79 | 2350   |
| IZ7D-0664          | 201 238   | < 5             | 1.14 | < 0.2  | 5      | 280    | < 0.5  | < 2    | 1.88 | < 0.5  | 12     | 43     | 32     | 2.16  | < 10   | < 1    | 0.08   | 20     | 0.59 | 358    |
| IZ7D-0665          | 201 238   | < 5             | 1.49 | < 0.2  | 20     | 160    | < 0.5  | < 2    | 0.43 | < 0.5  | 11     | 51     | 22     | 2.71  | < 10   | < 1    | 0.10   | 10     | 0.59 | 359    |
| IZ7D-0666          | 201 238   | < 5             | 1.50 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.53 | < 0.5  | 11     | 52     | 26     | 2.89  | < 10   | < 1    | 0.06   | 10     | 0.53 | 329    |
| IZ7D-0667          | 201 238   | < 5             | 1.73 | 0.2    | 5      | 240    | < 0.5  | < 2    | 1.44 | 2.0    | 13     | 49     | 43     | 2.50  | < 10   | < 1    | 0.04   | 20     | 0.57 | 1390   |
| IZ7D-0668          | 201 238   | < 5             | 2.23 | < 0.2  | 20     | 250    | < 0.5  | < 2    | 0.76 | 0.5    | 21     | 68     | 38     | 4.22  | < 10   | < 1    | 0.07   | 20     | 0.77 | 1145   |
| IZ7D-0669          | 201 238   | < 5             | 1.75 | < 0.2  | 15     | 160    | < 0.5  | < 2    | 0.52 | < 0.5  | 14     | 53     | 19     | 3.15  | < 10   | < 1    | 0.04   | 20     | 0.56 | 431    |
| IZ7D-0670          | 201 238   | < 5             | 1.37 | 0.4    | < 5    | 220    | < 0.5  | < 2    | 2.01 | 1.5    | 12     | 55     | 58     | 2.22  | < 10   | < 1    | 0.06   | 20     | 0.62 | 618    |
| IZ7D-0671          | 201 238   | < 5             | 1.53 | < 0.2  | 10     | 160    | < 0.5  | < 2    | 0.99 | < 0.5  | 11     | 56     | 23     | 2.53  | < 10   | < 1    | 0.04   | 20     | 0.74 | 423    |
| IZ7D-0672          | 201 238   | < 5             | 2.40 | 0.2    | 55     | 640    | 0.5    | < 2    | 2.43 | 2.5    | 15     | 67     | 130    | 3.11  | 10     | < 1    | 0.27   | 20     | 0.84 | 885    |
| IZ7D-0673          | 201 238   | < 5             | 2.38 | < 0.2  | 5      | 310    | 1.5    | 2      | 0.89 | 1.0    | 16     | 65     | 28     | 3.35  | 10     | < 1    | 0.07   | 20     | 0.75 | 597    |
| IZ7D-0674          | 201 238   | < 5             | 0.44 | 0.2    | < 5    | 300    | < 0.5  | < 2    | 4.90 | 2.0    | 4      | 13     | 72     | 0.58  | 10     | 1      | 0.02   | 10     | 0.28 | 364    |
| IZ7D-0675          | 201 238   | < 5             | 1.95 | < 0.2  | 10     | 360    | 1.0    | < 2    | 2.22 | 0.5    | 13     | 56     | 69     | 3.01  | 10     | 2      | 0.06   | 30     | 0.60 | 770    |
| IZ7D-0676          | 201 238   | 25              | 2.09 | < 0.2  | < 5    | 260    | 1.0    | < 2    | 0.83 | 0.5    | 19     | 59     | 24     | 3.45  | < 10   | < 1    | 0.07   | 20     | 0.74 | 771    |
| IZ7D-0677          | 201 238   | < 5             | 1.57 | < 0.2  | 5      | 140    | 0.5    | < 2    | 1.19 | 0.5    | 11     | 53     | 23     | 2.66  | 10     | 1      | 0.03   | 20     | 0.56 | 257    |
| IZ7D-0678          | 201 238   | < 5             | 0.82 | < 0.2  | < 5    | 310    | 0.5    | < 2    | 2.64 | 1.0    | 5      | 38     | 35     | 1.45  | 10     | < 1    | 0.02   | 20     | 0.25 | 186    |
| IZ7D-0679          | 201 238   | < 5             | 1.14 | < 0.2  | < 5    | 170    | 0.5    | < 2    | 0.54 | < 0.5  | 9      | 31     | 13     | 2.39  | < 10   | 1      | 0.04   | 20     | 0.34 | 703    |

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VANCOUVER, B.C.  
V6E 2E9

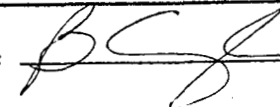
Project : M543-DOG

Comments: CC: S. McALLISTER

Page No. : 5-B  
Tot. Pages: 5  
Date : 30-AUG-87  
Invoice # : I-8720438  
P.O. # : 36858

## CERTIFICATE OF ANALYSIS A8720438

| SAMPLE DESCRIPTION | PREP CODE | Mo<br>ppm | Na<br>% | Ni<br>ppm | P<br>ppm | Pb<br>ppm | Sb<br>ppm | Se<br>ppm | Sr<br>ppm | Ti<br>% | Tl<br>ppm | U<br>ppm | V<br>ppm | W<br>ppm | Zn<br>ppm |
|--------------------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|---------|-----------|----------|----------|----------|-----------|
| IZ7D-0662          | 201 238   | < 1       | < 0.01  | 90        | 550      | 8         | 5         | 10        | 44        | 0.09    | < 10      | < 10     | 85       | < 5      | 90        |
| IZ7D-0663          | 201 238   | < 1       | < 0.01  | 2870      | 690      | 10        | < 5       | < 10      | 32        | 0.05    | < 10      | < 10     | 81       | < 5      | 55        |
| IZ7D-0664          | 201 238   | < 1       | < 0.01  | 48        | 730      | 4         | 5         | < 10      | 89        | 0.06    | < 10      | < 10     | 38       | < 5      | 58        |
| IZ7D-0665          | 201 238   | < 1       | < 0.01  | 33        | 580      | 4         | < 5       | < 10      | 31        | 0.11    | < 10      | < 10     | 76       | < 5      | 75        |
| IZ7D-0666          | 201 238   | < 1       | < 0.01  | 32        | 720      | 2         | < 5       | 10        | 35        | 0.13    | < 10      | < 10     | 89       | < 5      | 51        |
| IZ7D-0667          | 201 238   | < 1       | 0.01    | 28        | 670      | 2         | 5         | < 10      | 75        | 0.10    | < 10      | < 10     | 74       | < 5      | 88        |
| IZ7D-0668          | 201 238   | < 1       | < 0.01  | 67        | 1140     | 6         | 5         | < 10      | 45        | 0.13    | < 10      | < 10     | 103      | < 5      | 121       |
| IZ7D-0669          | 201 238   | < 1       | < 0.01  | 25        | 940      | 4         | 5         | < 10      | 35        | 0.13    | < 10      | < 10     | 87       | < 5      | 89        |
| IZ7D-0670          | 201 238   | < 1       | < 0.01  | 57        | 1070     | 2         | 5         | 10        | 79        | 0.07    | < 10      | < 10     | 52       | < 5      | 46        |
| IZ7D-0671          | 201 238   | < 1       | 0.01    | 38        | 490      | 2         | 5         | 10        | 61        | 0.14    | < 10      | < 10     | 74       | < 5      | 43        |
| IZ7D-0672          | 201 238   | 1         | 0.03    | 30        | 740      | 164       | 10        | 10        | 84        | 0.11    | < 10      | < 10     | 74       | < 5      | 330       |
| IZ7D-0673          | 201 238   | < 1       | 0.01    | 42        | 300      | 4         | < 5       | < 10      | 58        | 0.13    | < 10      | < 10     | 90       | < 5      | 90        |
| IZ7D-0674          | 201 238   | < 1       | < 0.01  | 40        | 1170     | 6         | 5         | < 10      | 232       | 0.01    | < 10      | < 10     | 8        | < 5      | 16        |
| IZ7D-0675          | 201 238   | < 1       | 0.01    | 68        | 840      | 8         | < 5       | < 10      | 134       | 0.08    | < 10      | < 10     | 74       | < 5      | 55        |
| IZ7D-0676          | 201 238   | < 1       | < 0.01  | 41        | 330      | 10        | < 5       | < 10      | 58        | 0.14    | < 10      | < 10     | 89       | < 5      | 63        |
| IZ7D-0677          | 201 238   | < 1       | < 0.01  | 33        | 420      | < 2       | < 5       | < 10      | 77        | 0.11    | < 10      | < 10     | 76       | < 5      | 43        |
| IZ7D-0678          | 201 238   | 1         | < 0.01  | 23        | 590      | 12        | < 5       | < 10      | 162       | 0.07    | < 10      | < 10     | 43       | < 5      | 19        |
| IZ7D-0679          | 201 238   | < 1       | < 0.01  | 28        | 960      | < 2       | < 5       | < 10      | 33        | 0.08    | < 10      | < 10     | 59       | < 5      | 54        |

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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

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MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG

Comments: CC: S. McALLISTER

Page No. A  
Tot. Pages: 1  
Date : 29-AUG-87  
Invoice #: I-8720437  
P.O. #: 36858

## CERTIFICATE OF ANALYSIS A8720437

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|
| MMD-150            | 205 238   | < 5             | 4.49   | < 0.2  | 35     | 20     | < 0.5  | < 2    | 3.38   | < 0.5  | 29     | 326    | 20     | 2.56 | < 10   | < 1    | < 0.01 | 10     | 2.91   | 507    |
| MMD-151            | 205 238   | < 5             | 0.45   | 0.4    | 20     | 180    | < 0.5  | < 2    | >15.00 | 0.5    | 3      | 36     | 6      | 0.45 | 30     | < 1    | 0.13   | < 10   | 0.27   | 124    |
| MMD-153            | 205 238   | < 5             | 0.06   | 0.2    | 5      | 40     | < 0.5  | < 2    | 3.47   | < 0.5  | 34     | 357    | 2      | 1.86 | < 10   | < 1    | < 0.01 | 10     | 7.16   | 221    |
| MMD-154            | 205 238   | < 5             | 0.16   | < 0.2  | 70     | < 10   | < 0.5  | < 2    | 0.49   | < 0.5  | 55     | 722    | < 1    | 3.31 | < 10   | < 1    | < 0.01 | < 10   | 8.73   | 603    |
| MMD-155            | 205 238   | < 5             | 0.11   | 0.6    | 15     | < 10   | 1.5    | < 2    | 12.20  | < 0.5  | 44     | 404    | < 1    | 2.47 | 10     | < 1    | < 0.01 | < 10   | 9.41   | 856    |
| MMD-156            | 205 238   | < 5             | 0.09   | 0.2    | 145    | < 10   | < 0.5  | 4      | 3.88   | < 0.5  | 35     | 415    | 4      | 0.74 | < 10   | < 1    | < 0.01 | 10     | 2.24   | 227    |
| MMD-157            | 205 238   | < 5             | 0.12   | < 0.2  | < 5    | < 10   | < 0.5  | < 2    | 0.07   | < 0.5  | 35     | 848    | 3      | 3.66 | < 10   | < 1    | < 0.01 | < 10   | 0.20   | 79     |
| MMD-158            | 205 238   | < 5             | 0.02   | 0.4    | 10     | 20     | 0.5    | < 2    | 9.82   | < 0.5  | 27     | 216    | < 1    | 2.14 | < 10   | < 1    | < 0.01 | < 10   | 6.17   | 438    |
| MMD-159            | 205 238   | < 5             | 0.22   | < 0.2  | 40     | < 10   | < 0.5  | < 2    | 0.58   | < 0.5  | 89     | 1135   | 2      | 4.92 | < 10   | < 1    | < 0.01 | < 10   | >15.00 | 504    |
| MMD-160            | 205 238   | < 5             | 0.26   | 0.2    | 5      | 80     | < 0.5  | < 2    | 7.67   | < 0.5  | 14     | 118    | 4      | 2.27 | < 10   | < 1    | < 0.01 | < 10   | 3.49   | 850    |
| MMD-161            | 205 238   | < 5             | 5.74   | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 5.02   | 0.5    | 40     | 235    | 334    | 3.48 | < 10   | 3      | < 0.01 | < 10   | 2.92   | 399    |
| MMD-162            | 205 238   | < 5             | 0.26   | < 0.2  | 55     | < 10   | < 0.5  | < 2    | 0.06   | < 0.5  | 109    | 1840   | 6      | 4.33 | < 10   | < 1    | < 0.01 | < 10   | >15.00 | 791    |
| MMD-168            | 205 238   | < 5             | < 0.01 | < 0.2  | < 5    | < 10   | < 0.5  | < 2    | 0.03   | < 0.5  | 1      | 182    | < 1    | 0.18 | < 10   | < 1    | < 0.01 | < 10   | 0.21   | 32     |
| MMD-169            | 205 238   | < 5             | 2.81   | 0.2    | 5      | 30     | < 0.5  | 2      | 11.45  | 1.0    | 43     | 326    | 45     | 6.52 | 20     | < 1    | < 0.01 | < 10   | 2.21   | 1285   |
| MMD-171            | 205 238   | < 5             | 0.14   | 0.2    | 35     | < 10   | < 0.5  | < 2    | 4.68   | < 0.5  | 50     | 641    | 1      | 2.27 | < 10   | < 1    | < 0.01 | < 10   | 9.04   | 368    |
| MMD-152/172        | 205 238   | < 5             | 0.05   | < 0.2  | < 5    | < 10   | < 0.5  | 2      | 1.94   | < 0.5  | 2      | 155    | 5      | 0.29 | < 10   | < 1    | < 0.01 | 10     | 0.15   | 103    |
| SMR-157            | 205 238   | < 5             | 0.23   | < 0.2  | 5      | 110    | < 0.5  | < 2    | 0.04   | < 0.5  | 5      | 78     | 27     | 2.71 | < 10   | < 1    | 0.10   | < 10   | 0.05   | 79     |
| SMR-158            | 205 238   | < 5             | 0.18   | 0.2    | < 5    | 10     | < 0.5  | < 2    | 5.19   | < 0.5  | 3      | 157    | 20     | 0.44 | < 10   | < 1    | < 0.01 | < 10   | 0.26   | 233    |
| SMR-159            | 205 238   | < 5             | 0.03   | 0.4    | < 5    | 30     | < 0.5  | 2      | 6.58   | < 0.5  | 6      | 105    | 78     | 0.46 | < 10   | < 1    | < 0.01 | < 10   | 2.20   | 206    |
| NO NUMBER          | 205 238   | 45              | 0.13   | < 0.2  | 5      | < 10   | < 0.5  | < 2    | 0.08   | < 0.5  | 37     | 459    | < 1    | 2.34 | < 10   | < 1    | < 0.01 | < 10   | 8.09   | 436    |

CERTIFICATION :

*BCJ*



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Project : M543-DOG

Comments: CC: S. McALLISTER

Page No. -B  
Tot. Pages: 1  
Date : 29-AUG-87  
Invoice # : I-8720437  
P.O. # : 36858

## CERTIFICATE OF ANALYSIS A8720437

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti %   | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| MMD-150            | 205 238   | < 1    | 0.02   | 96     | 80    | 10     | 5      | 10     | 4      | 0.13   | < 10   | < 10  | 75    | < 5   | 24     |
| MMD-151            | 205 238   | 4      | 0.01   | 21     | 5820  | < 2    | 5      | < 10   | 902    | < 0.01 | < 10   | < 10  | 22    | < 5   | 63     |
| MMD-153            | 205 238   | < 1    | < 0.01 | 538    | < 10  | < 2    | < 5    | < 10   | 52     | < 0.01 | < 10   | < 10  | 5     | < 5   | 5      |
| MMD-154            | 205 238   | < 1    | < 0.01 | 837    | < 10  | 2      | < 5    | < 10   | 18     | < 0.01 | < 10   | < 10  | 5     | < 5   | 18     |
| MMD-155            | 205 238   | < 1    | < 0.01 | 830    | < 10  | 16     | < 5    | < 10   | 447    | < 0.01 | < 10   | < 10  | 8     | 5     | 32     |
| MMD-156            | 205 238   | < 1    | < 0.01 | 757    | 40    | < 2    | 35     | < 10   | 61     | < 0.01 | < 10   | < 10  | 5     | < 5   | 17     |
| MMD-157            | 205 238   | < 1    | < 0.01 | 657    | 20    | < 2    | < 5    | < 10   | 2      | < 0.01 | < 10   | < 10  | 10    | < 5   | 10     |
| MMD-158            | 205 238   | < 1    | < 0.01 | 519    | < 10  | 4      | 5      | < 10   | 289    | < 0.01 | < 10   | < 10  | 6     | < 5   | 5      |
| MMD-159            | 205 238   | < 1    | < 0.01 | 1785   | < 10  | 14     | < 5    | < 10   | 10     | < 0.01 | < 10   | < 10  | 24    | < 5   | 30     |
| MMD-160            | 205 238   | < 1    | < 0.01 | 26     | 90    | < 2    | < 5    | < 10   | 120    | < 0.01 | < 10   | < 10  | 24    | < 5   | 14     |
| MMD-161            | 205 238   | < 1    | < 0.01 | 106    | < 10  | 6      | 5      | 10     | 48     | 0.09   | < 10   | < 10  | 127   | < 5   | 20     |
| MMD-162            | 205 238   | < 1    | < 0.01 | 1855   | < 10  | 12     | < 5    | < 10   | 1      | < 0.01 | < 10   | < 10  | 26    | < 5   | 28     |
| MMD-168            | 205 238   | < 1    | < 0.01 | 25     | < 10  | < 2    | < 5    | < 10   | < 1    | < 0.01 | < 10   | < 10  | 1     | < 5   | < 1    |
| MMD-169            | 205 238   | < 1    | < 0.01 | 147    | 1380  | 14     | 5      | < 10   | 466    | < 0.01 | < 10   | < 10  | 140   | < 5   | 83     |
| MMD-171            | 205 238   | < 1    | < 0.01 | 819    | < 10  | 8      | < 5    | < 10   | 81     | < 0.01 | < 10   | < 10  | 7     | < 5   | 7      |
| MMD-152/172        | 205 238   | < 1    | < 0.01 | 20     | 40    | 4      | < 5    | < 10   | 36     | < 0.01 | < 10   | < 10  | 2     | < 5   | 19     |
| SMR-157            | 205 238   | < 1    | < 0.01 | 26     | 280   | 8      | < 5    | < 10   | 3      | < 0.01 | < 10   | < 10  | 5     | < 5   | 60     |
| SMR-158            | 205 238   | < 1    | < 0.01 | 10     | 50    | < 2    | 5      | < 10   | 68     | < 0.01 | < 10   | < 10  | 11    | < 5   | 4      |
| SMR-159            | 205 238   | 1      | < 0.01 | 5      | 50    | 74     | 5      | < 10   | 267    | < 0.01 | < 10   | < 10  | 2     | < 5   | 2      |
| NO NUMBER          | 205 238   | < 1    | < 0.01 | 197    | < 10  | < 2    | < 5    | < 10   | 2      | < 0.01 | < 10   | < 10  | 4     | < 5   | 3      |

CERTIFICATION :





# Chemex Labs Ltd.

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

CHEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project : M543 - DOG  
 Comments: CC: S. MCALLISTER

Page No. : 1-A  
 Tot. Pages: 1  
 Date : 7-SEP-87  
 Invoice # : I-8720931  
 P.O. # : 26859/60

## CERTIFICATE OF ANALYSIS A8720931

| SAMPLE DESCRIPTION | PREP CODE |     | Au ppb | 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 |
|--------------------|-----------|-----|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|-------|--------|
|                    |           |     | FA+AA  | %    | ppm    | ppm    | ppm    | ppm    | ppm    | %      | ppm    | ppm    | ppm    | ppm    | %    | ppm    | ppm    | %      | ppm    | %     | ppm    |
| MMO - 170          | 205       | 238 | 30     | 0.02 | 0.2    | < 5    | 10     | < 0.5  | < 2    | 1.79   | < 0.5  | 38     | 48     | < 1    | 2.56 | < 10   | < 1    | < 0.01 | 10     | 12.30 | 1310   |
| MMO - 173          | 205       | 238 | < 5    | 0.13 | 0.2    | < 5    | 10     | < 0.5  | < 2    | 0.45   | 0.5    | 51     | 535    | < 1    | 3.15 | < 10   | < 1    | < 0.01 | < 10   | 7.86  | 284    |
| MMO - 174          | 205       | 238 | < 5    | 0.03 | 2.2    | < 5    | < 10   | < 0.5  | 2      | 0.01   | < 0.5  | 2      | 247    | 8      | 0.67 | < 10   | < 1    | < 0.01 | < 10   | 0.11  | 51     |
| SMR - 160          | 205       | 238 | < 5    | 1.55 | 0.2    | 5      | < 10   | < 0.5  | < 2    | 5.88   | < 0.5  | 11     | 165    | 22     | 0.82 | 10     | < 1    | < 0.01 | < 10   | 0.88  | 218    |
| SMR - 161          | 205       | 238 | < 5    | 0.15 | 0.2    | < 5    | 10     | < 0.5  | 4      | >15.00 | < 0.5  | 4      | 20     | 3      | 0.28 | 50     | < 1    | < 0.01 | < 10   | 0.49  | 267    |
| SMR - 162          | 205       | 238 | < 5    | 0.25 | 0.2    | < 5    | 2820   | < 0.5  | < 2    | 3.75   | < 0.5  | 8      | 23     | 56     | 1.24 | 10     | < 1    | 0.06   | 10     | 0.47  | 187    |
| SMR - 163          | 205       | 238 | < 5    | 0.90 | 0.2    | < 5    | 470    | < 0.5  | < 2    | 5.59   | 0.5    | 30     | 184    | 48     | 6.24 | 10     | < 1    | 0.10   | < 10   | 0.55  | 923    |
| SMR - 164          | 205       | 238 | < 5    | 0.16 | 0.2    | < 5    | 140    | < 0.5  | < 2    | 0.16   | 0.5    | 14     | 103    | 12     | 3.81 | < 10   | < 1    | < 0.01 | < 10   | 0.06  | 1295   |
| SMR - 165          | 205       | 238 | < 5    | 0.76 | 0.2    | < 5    | 20     | < 0.5  | < 2    | 0.42   | < 0.5  | 5      | 78     | 25     | 1.39 | < 10   | < 1    | < 0.01 | < 10   | 0.41  | 700    |
| SMR - 166          | 205       | 238 | < 5    | 0.19 | 0.2    | < 5    | 80     | < 0.5  | < 2    | 3.11   | < 0.5  | 14     | 73     | 15     | 2.49 | < 10   | < 1    | 0.01   | < 10   | 1.29  | 543    |

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PHONE (604) 984-0221

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V6E 2E9

Project : M543 - DOG

Comments: CC: S. MCALLISTER

Page No. : 1-B  
Tot. Pages: 1  
Date : 7-SEP-87  
Invoice # : I-8720931  
P.O. # : 26859/60

## CERTIFICATE OF ANALYSIS A8720931

| SAMPLE DESCRIPTION | PREP CODE |     | Mo  | Na     | Ni  | P    | Pb  | Sb  | Se   | Sr  | Ti     | Tl   | U    | V   | W   | Zn  |
|--------------------|-----------|-----|-----|--------|-----|------|-----|-----|------|-----|--------|------|------|-----|-----|-----|
|                    |           |     | ppm | %      | ppm | ppm  | ppm | ppm | ppm  | ppm | %      | ppm  | ppm  | ppm | ppm | ppm |
| M70 - 170          | 205       | 238 | < 1 | < 0.01 | 271 | < 10 | 6   | < 5 | < 10 | 88  | < 0.01 | < 10 | < 10 | < 1 | 10  | 12  |
| M70 - 173          | 205       | 238 | < 1 | < 0.01 | 480 | 50   | 12  | < 5 | < 10 | 41  | < 0.01 | < 10 | < 10 | 2   | 10  | 14  |
| M70 - 174          | 205       | 238 | 1   | < 0.01 | 12  | 20   | 158 | < 5 | < 10 | 2   | < 0.01 | < 10 | < 10 | < 1 | < 5 | 7   |
| SMR - 160          | 205       | 238 | 1   | < 0.01 | 39  | 60   | 4   | 5   | < 10 | 27  | 0.01   | < 10 | < 10 | 17  | < 5 | 8   |
| SMR - 161          | 205       | 238 | < 1 | < 0.01 | 1   | 1010 | 4   | 5   | 10   | 316 | < 0.01 | < 10 | < 10 | 41  | < 5 | 10  |
| SMR - 162          | 205       | 238 | < 1 | < 0.01 | 21  | 440  | < 2 | 5   | < 10 | 76  | < 0.01 | < 10 | < 10 | 24  | < 5 | 68  |
| SMR - 163          | 205       | 238 | < 1 | < 0.01 | 61  | 690  | 4   | 5   | < 10 | 42  | < 0.01 | < 10 | < 10 | 206 | 25  | 56  |
| SMR - 164          | 205       | 238 | 1   | < 0.01 | 33  | 140  | < 2 | < 5 | < 10 | 4   | < 0.01 | < 10 | < 10 | 88  | 5   | 52  |
| SMR - 165          | 205       | 238 | < 1 | < 0.01 | 9   | 90   | < 2 | < 5 | < 10 | 4   | < 0.01 | < 10 | < 10 | 19  | 5   | 30  |
| SMR - 166          | 205       | 238 | < 1 | < 0.01 | 23  | 250  | 12  | 5   | < 10 | 49  | < 0.01 | < 10 | < 10 | 41  | 5   | 23  |

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V6E 2E9

Project : M543-DOG  
Comments: CC: S. MCALLISTER

Page No. -A  
Tot. Pages: 6  
Date : 8-SEP-87  
Invoice # : I-8720929  
P.O. # : 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| MMTD - 175         | 201 238   | < 5             | 0.96 | < 0.2  | 5      | 110    | < 0.5  | < 2    | 0.29 | < 0.5  | 5      | 22     | 3      | 1.22 | < 10   | < 1    | 0.05 | 20     | 0.25 | 94     |
| MMTD - 176         | 201 238   | < 5             | 1.11 | < 0.2  | 5      | 80     | < 0.5  | < 2    | 0.42 | 0.5    | 9      | 50     | 7      | 2.96 | 10     | < 1    | 0.06 | 10     | 0.29 | 353    |
| MMTD - 177         | 201 238   | < 5             | 1.57 | < 0.2  | 20     | 180    | < 0.5  | < 2    | 0.53 | 0.5    | 20     | 65     | 32     | 4.45 | 10     | < 1    | 0.09 | 10     | 0.48 | 686    |
| MMTD - 178         | 201 238   | < 5             | 1.81 | < 0.2  | 5      | 200    | < 0.5  | < 2    | 0.42 | 1.0    | 20     | 57     | 18     | 3.81 | 10     | < 1    | 0.06 | 20     | 0.45 | 554    |
| MMTD - 179         | 201 238   | < 5             | 1.70 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.58 | < 0.5  | 12     | 56     | 26     | 2.83 | 10     | < 1    | 0.07 | 10     | 0.75 | 575    |
| MMTD - 180         | 201 238   | < 5             | 1.61 | < 0.2  | 10     | 100    | < 0.5  | < 2    | 0.50 | < 0.5  | 13     | 57     | 25     | 2.81 | 10     | 1      | 0.06 | 10     | 0.75 | 356    |
| MMTD - 181         | 201 238   | < 5             | 2.06 | < 0.2  | < 5    | 210    | < 0.5  | < 2    | 0.47 | 1.0    | 20     | 64     | 21     | 4.17 | 10     | < 1    | 0.09 | 10     | 0.61 | 647    |
| MMTD - 182         | 201 238   | < 5             | 0.32 | < 0.2  | < 5    | 190    | < 0.5  | < 2    | 3.94 | 1.5    | 6      | 34     | 29     | 0.72 | < 10   | < 1    | 0.04 | < 10   | 0.38 | 478    |
| MMTD - 183         | 201 238   | < 5             | 0.36 | < 0.2  | < 5    | 210    | < 0.5  | < 2    | 4.02 | 1.5    | 6      | 57     | 68     | 0.98 | < 10   | < 1    | 0.05 | < 10   | 0.37 | 240    |
| MMTD - 184         | 201 238   | < 5             | 1.50 | 0.8    | 10     | 240    | < 0.5  | < 2    | 2.51 | 1.0    | 15     | 230    | 221    | 2.38 | < 10   | < 1    | 0.05 | < 10   | 0.68 | 610    |
| MMTD - 185         | 201 238   | < 5             | 1.26 | < 0.2  | < 5    | 80     | < 0.5  | < 2    | 0.49 | 0.5    | 10     | 63     | 8      | 3.28 | 10     | < 1    | 0.05 | 10     | 0.39 | 259    |
| MMTD - 186         | 201 238   | < 5             | 1.62 | < 0.2  | 25     | 140    | < 0.5  | < 2    | 0.81 | 1.0    | 15     | 86     | 22     | 4.21 | < 10   | < 1    | 0.07 | 10     | 0.54 | 617    |
| MMTD - 187         | 201 238   | < 5             | 0.95 | < 0.2  | 5      | 110    | < 0.5  | < 2    | 0.35 | < 0.5  | 6      | 38     | 2      | 1.59 | < 10   | < 1    | 0.06 | 20     | 0.16 | 476    |
| MMTD - 188         | 201 238   | < 5             | 1.42 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.36 | 1.0    | 12     | 57     | 10     | 3.13 | < 10   | < 1    | 0.05 | 10     | 0.31 | 183    |
| MMTD - 189         | 201 238   | < 5             | 0.85 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.75 | 0.5    | 5      | 27     | 4      | 1.09 | < 10   | < 1    | 0.04 | 10     | 0.13 | 195    |
| MMTD - 190         | 201 238   | < 5             | 2.63 | < 0.2  | 5      | 170    | < 0.5  | < 2    | 0.55 | 0.5    | 20     | 92     | 41     | 4.02 | 10     | < 1    | 0.03 | 10     | 0.88 | 282    |
| MMTD - 191         | 201 238   | < 5             | 1.74 | < 0.2  | 10     | 120    | < 0.5  | < 2    | 0.54 | 0.5    | 22     | 65     | 44     | 4.12 | < 10   | < 1    | 0.07 | 10     | 0.51 | 233    |
| MMTD - 192         | 201 238   | < 5             | 2.23 | < 0.2  | 60     | 130    | < 0.5  | < 2    | 0.37 | < 0.5  | 23     | 116    | 50     | 4.99 | 10     | < 1    | 0.08 | 10     | 0.88 | 386    |
| MMTD - 193         | 201 238   | < 5             | 0.86 | 0.6    | < 5    | 120    | < 0.5  | < 2    | 3.03 | 5.5    | 8      | 36     | 32     | 1.56 | < 10   | < 1    | 0.03 | < 10   | 0.46 | 926    |
| MMTD - 194         | 201 238   | < 5             | 0.92 | < 0.2  | 15     | 80     | < 0.5  | < 2    | 0.50 | 0.5    | 13     | 44     | 21     | 3.03 | < 10   | < 1    | 0.03 | 20     | 0.24 | 379    |
| MMTD - 195         | 201 238   | < 5             | 1.80 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.81 | 3.0    | 15     | 83     | 24     | 3.23 | 10     | < 1    | 0.06 | 10     | 0.76 | 663    |
| MMTD - 196         | 201 238   | < 5             | 1.41 | < 0.2  | 10     | 180    | < 0.5  | < 2    | 0.65 | 2.0    | 16     | 67     | 25     | 3.07 | < 10   | < 1    | 0.04 | 10     | 0.51 | 515    |
| MMTD - 197         | 201 238   | < 5             | 1.57 | < 0.2  | 5      | 220    | < 0.5  | < 2    | 0.75 | 2.0    | 16     | 71     | 25     | 2.96 | < 10   | < 1    | 0.06 | 20     | 0.64 | 617    |
| MMTD - 198         | 201 238   | 55              | 0.91 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 0.29 | 2.0    | 27     | 88     | 16     | 2.28 | < 10   | < 1    | 0.04 | 10     | 0.30 | 521    |
| MMTD - 199         | 201 238   | < 5             | 2.24 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.74 | 0.5    | 22     | 113    | 25     | 2.71 | 10     | < 1    | 0.05 | 10     | 0.84 | 395    |
| MMTD - 200         | 201 238   | < 5             | 2.20 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.69 | 0.5    | 21     | 125    | 30     | 2.87 | < 10   | < 1    | 0.05 | 10     | 1.06 | 433    |
| MMTD - 201         | 201 238   | < 5             | 2.09 | < 0.2  | 10     | 110    | < 0.5  | < 2    | 0.40 | < 0.5  | 14     | 65     | 15     | 2.91 | 10     | < 1    | 0.06 | 10     | 0.51 | 356    |
| MMTD - 202         | 201 238   | < 5             | 2.22 | < 0.2  | 15     | 90     | < 0.5  | < 2    | 0.36 | < 0.5  | 15     | 60     | 16     | 3.26 | 10     | < 1    | 0.05 | 10     | 0.58 | 625    |
| MMTD - 203         | 201 238   | 10              | 2.38 | < 0.2  | 5      | 120    | < 0.5  | < 2    | 0.43 | 0.5    | 21     | 73     | 75     | 4.61 | 10     | < 1    | 0.08 | 10     | 0.86 | 394    |
| MMTD - 204         | 201 238   | < 5             | 1.40 | < 0.2  | 5      | 90     | < 0.5  | < 2    | 0.34 | 0.5    | 12     | 57     | 20     | 3.73 | 10     | < 1    | 0.06 | 10     | 0.58 | 270    |
| MMTD - 205         | 201 238   | < 5             | 0.95 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.27 | 0.5    | 9      | 42     | 10     | 2.67 | 10     | < 1    | 0.04 | 10     | 0.36 | 208    |
| MMTD - 206         | 201 238   | < 5             | 1.47 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.24 | < 0.5  | 7      | 43     | 6      | 2.76 | < 10   | < 1    | 0.02 | 10     | 0.31 | 142    |
| MMTD - 207         | 201 238   | < 5             | 0.89 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.26 | 0.5    | 6      | 25     | 6      | 1.99 | 10     | < 1    | 0.12 | 10     | 0.29 | 162    |
| MMTD - 208         | 201 238   | < 5             | 1.38 | < 0.2  | 5      | 130    | < 0.5  | < 2    | 0.15 | 0.5    | 6      | 21     | 7      | 2.10 | 10     | < 1    | 0.10 | 30     | 0.27 | 366    |
| MMTD - 209         | 201 238   | < 5             | 2.55 | < 0.2  | 5      | 170    | < 0.5  | < 2    | 0.27 | 0.5    | 15     | 30     | 37     | 3.24 | 10     | < 1    | 0.27 | 70     | 0.64 | 372    |
| MMTD - 210         | 201 238   | < 5             | 1.78 | < 0.2  | 10     | 170    | < 0.5  | < 2    | 0.28 | < 0.5  | 13     | 24     | 14     | 2.83 | 10     | 1      | 0.23 | 30     | 0.56 | 390    |
| MMTD - 211         | 201 238   | < 5             | 2.14 | 1.0    | < 5    | 190    | < 0.5  | < 2    | 0.48 | 1.0    | 31     | 63     | 57     | 4.80 | 10     | < 1    | 0.23 | 20     | 0.95 | 588    |
| MMTD - 212         | 201 238   | < 5             | 1.00 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.40 | 0.5    | 7      | 29     | 8      | 2.43 | 10     | < 1    | 0.11 | 10     | 0.37 | 259    |
| MMTD - 213         | 201 238   | < 5             | 2.06 | < 0.2  | 10     | 150    | < 0.5  | < 2    | 0.96 | 0.5    | 13     | 28     | 28     | 2.78 | 10     | < 1    | 0.37 | 40     | 0.63 | 406    |
| MMTD - 214         | 201 238   | < 5             | 0.14 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 5.09 | < 0.5  | 3      | < 1    | 14     | 0.13 | < 10   | < 1    | 0.01 | < 10   | 0.05 | 58     |

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Page No. -B  
 Tot. Pages: 6  
 Date : 8-SEP-87  
 Invoice # : I-8720929  
 P.O. # : 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti %   | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| MMTD - 175         | 201 238   | < 1    | < 0.01 | 8      | 170   | 8      | < 5    | < 10   | 27     | 0.07   | < 10   | < 10  | 42    | < 5   | 21     |
| MMTD - 176         | 201 238   | < 1    | < 0.01 | 20     | 1050  | 4      | < 5    | 10     | 27     | 0.10   | < 10   | < 10  | 84    | < 5   | 57     |
| MMTD - 177         | 201 238   | < 1    | < 0.01 | 48     | 1310  | 6      | < 5    | 10     | 33     | 0.11   | < 10   | < 10  | 102   | < 5   | 111    |
| MMTD - 178         | 201 238   | < 1    | < 0.01 | 36     | 960   | 6      | < 5    | 20     | 29     | 0.11   | < 10   | < 10  | 83    | < 5   | 147    |
| MMTD - 179         | 201 238   | < 1    | 0.01   | 27     | 1110  | 4      | < 5    | 10     | 48     | 0.11   | < 10   | < 10  | 83    | < 5   | 50     |
| MMTD - 180         | 201 238   | < 1    | 0.01   | 28     | 860   | 6      | < 5    | 10     | 42     | 0.12   | < 10   | < 10  | 82    | < 5   | 44     |
| MMTD - 181         | 201 238   | < 1    | < 0.01 | 44     | 1440  | 10     | < 5    | 20     | 37     | 0.10   | < 10   | < 10  | 89    | < 5   | 129    |
| MMTD - 182         | 201 238   | < 1    | < 0.01 | 62     | 1180  | 2      | < 5    | 10     | 196    | < 0.01 | < 10   | 10    | 13    | < 5   | 81     |
| MMTD - 183         | 201 238   | < 1    | < 0.01 | 137    | 1490  | 2      | < 5    | 10     | 207    | < 0.01 | < 10   | 30    | 16    | < 5   | 60     |
| MMTD - 184         | 201 238   | < 1    | < 0.01 | 193    | 1560  | 4      | < 5    | 20     | 151    | 0.04   | < 10   | < 10  | 49    | < 5   | 57     |
| MMTD - 185         | 201 238   | < 1    | 0.01   | 16     | 730   | 8      | < 5    | 10     | 39     | 0.13   | < 10   | < 10  | 109   | < 5   | 44     |
| MMTD - 186         | 201 238   | 2      | < 0.01 | 82     | 4790  | 66     | < 5    | 10     | 50     | 0.04   | < 10   | < 10  | 61    | < 5   | 125    |
| MMTD - 187         | 201 238   | < 1    | < 0.01 | 14     | 850   | 24     | < 5    | < 10   | 27     | 0.06   | < 10   | < 10  | 45    | < 5   | 51     |
| MMTD - 188         | 201 238   | 1      | < 0.01 | 37     | 1850  | 44     | < 5    | 10     | 26     | 0.07   | < 10   | < 10  | 64    | < 5   | 126    |
| MMTD - 189         | 201 238   | < 1    | < 0.01 | 11     | 3470  | 20     | < 5    | < 10   | 48     | 0.03   | < 10   | < 10  | 35    | < 5   | 63     |
| MMTD - 190         | 201 238   | < 1    | < 0.01 | 53     | 1850  | 4      | < 5    | 20     | 42     | 0.12   | < 10   | < 10  | 127   | < 5   | 113    |
| MMTD - 191         | 201 238   | 3      | < 0.01 | 94     | 1580  | 46     | < 5    | 10     | 31     | 0.05   | < 10   | < 10  | 63    | < 5   | 81     |
| MMTD - 192         | 201 238   | < 1    | < 0.01 | 84     | 1170  | < 2    | < 5    | 20     | 43     | 0.12   | < 10   | < 10  | 130   | < 5   | 75     |
| MMTD - 193         | 201 238   | 1      | < 0.01 | 63     | 1680  | 22     | < 5    | 10     | 166    | 0.02   | < 10   | < 10  | 30    | < 5   | 282    |
| MMTD - 194         | 201 238   | 3      | < 0.01 | 58     | 2670  | 54     | < 5    | 10     | 36     | 0.02   | < 10   | < 10  | 35    | < 5   | 191    |
| MMTD - 195         | 201 238   | < 1    | 0.01   | 52     | 790   | 20     | < 5    | 20     | 63     | 0.11   | < 10   | < 10  | 86    | < 5   | 140    |
| MMTD - 196         | 201 238   | 1      | 0.01   | 53     | 1070  | 50     | < 5    | 10     | 47     | 0.07   | < 10   | < 10  | 68    | < 5   | 164    |
| MMTD - 197         | 201 238   | 1      | < 0.01 | 118    | 740   | 48     | < 5    | 10     | 53     | 0.05   | < 10   | < 10  | 54    | < 5   | 107    |
| MMTD - 198         | 201 238   | 1      | < 0.01 | 154    | 630   | 38     | < 5    | < 10   | 33     | 0.05   | < 10   | < 10  | 48    | < 5   | 62     |
| MMTD - 199         | 201 238   | < 1    | < 0.01 | 77     | 510   | < 2    | < 5    | 10     | 35     | 0.10   | < 10   | < 10  | 81    | < 5   | 82     |
| MMTD - 200         | 201 238   | < 1    | 0.01   | 69     | 1360  | 4      | < 5    | 10     | 37     | 0.09   | < 10   | < 10  | 76    | < 5   | 79     |
| MMTD - 201         | 201 238   | < 1    | < 0.01 | 37     | 1260  | 2      | < 5    | 10     | 32     | 0.10   | < 10   | < 10  | 78    | < 5   | 96     |
| MMTD - 202         | 201 238   | < 1    | < 0.01 | 53     | 1950  | 6      | < 5    | 20     | 36     | 0.11   | < 10   | < 10  | 77    | < 5   | 125    |
| MMTD - 203         | 201 238   | < 1    | < 0.01 | 78     | 980   | 4      | < 5    | 20     | 32     | 0.15   | < 10   | < 10  | 114   | < 5   | 80     |
| MMTD - 204         | 201 238   | < 1    | < 0.01 | 25     | 580   | 30     | < 5    | 10     | 28     | 0.14   | < 10   | < 10  | 113   | < 5   | 49     |
| MMTD - 205         | 201 238   | < 1    | < 0.01 | 16     | 320   | 16     | < 5    | 10     | 22     | 0.11   | < 10   | < 10  | 91    | < 5   | 32     |
| MMTD - 206         | 201 238   | < 1    | < 0.01 | 10     | 1240  | 8      | < 5    | 10     | 20     | 0.08   | < 10   | < 10  | 80    | < 5   | 36     |
| MMTD - 207         | 201 238   | < 1    | < 0.01 | 11     | 180   | 16     | < 5    | < 10   | 21     | 0.11   | < 10   | < 10  | 63    | < 5   | 29     |
| MMTD - 208         | 201 238   | < 1    | < 0.01 | 12     | 850   | 16     | < 5    | 10     | 17     | 0.09   | < 10   | < 10  | 37    | < 5   | 85     |
| MMTD - 209         | 201 238   | < 1    | 0.01   | 36     | 750   | 26     | < 5    | 10     | 33     | 0.12   | < 10   | < 10  | 39    | < 5   | 65     |
| MMTD - 210         | 201 238   | < 1    | < 0.01 | 22     | 550   | 22     | < 5    | 10     | 28     | 0.11   | < 10   | < 10  | 36    | < 5   | 60     |
| MMTD - 211         | 201 238   | < 1    | < 0.01 | 70     | 1040  | 32     | < 5    | 20     | 34     | 0.14   | < 10   | < 10  | 83    | < 5   | 123    |
| MMTD - 212         | 201 238   | < 1    | < 0.01 | 12     | 770   | 12     | < 5    | 10     | 38     | 0.12   | < 10   | < 10  | 79    | < 5   | 63     |
| MMTD - 213         | 201 238   | < 1    | 0.02   | 32     | 720   | 20     | < 5    | 10     | 77     | 0.11   | < 10   | < 10  | 33    | < 5   | 60     |
| MMTD - 214         | 201 238   | < 1    | < 0.01 | 5      | 420   | < 2    | < 5    | < 10   | 296    | < 0.01 | < 10   | 10    | 3     | < 5   | 3      |

CERTIFICATION :

*BC 8*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

CHEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG  
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## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| MMTD - 215         | 201 238   | < 5             | 0.16 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 5.58 | 0.5    | 3      | 1      | 62     | 0.08 | < 10   | < 1    | 0.01 | < 10   | 0.08 | 76     |
| MMTD - 216         | 201 238   | < 5             | 1.46 | < 0.2  | 5      | 80     | < 0.5  | < 2    | 0.38 | < 0.5  | 9      | 29     | 16     | 2.52 | 10     | < 1    | 0.13 | 20     | 0.47 | 200    |
| MMTD - 217         | 201 238   | < 5             | 1.24 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.36 | 0.5    | 5      | 27     | 11     | 2.72 | 10     | < 1    | 0.07 | 10     | 0.36 | 277    |
| MMTD - 218         | 201 238   | < 5             | 1.96 | < 0.2  | 5      | 110    | < 0.5  | < 2    | 0.33 | 0.5    | 15     | 37     | 40     | 3.08 | 10     | < 1    | 0.08 | 20     | 0.53 | 2070   |
| MMTD - 219         | 201 238   | < 5             | 2.41 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.36 | 0.5    | 13     | 40     | 31     | 4.52 | 10     | < 1    | 0.12 | 10     | 0.87 | 372    |
| MMTD - 220         | 201 238   | < 5             | 2.50 | < 0.2  | 5      | 80     | < 0.5  | < 2    | 0.69 | 2.5    | 28     | 41     | 42     | 4.00 | 10     | < 1    | 0.09 | 30     | 0.63 | 388    |
| MMTD - 221         | 201 238   | < 5             | 3.96 | < 0.2  | < 5    | 180    | < 0.5  | 2      | 1.88 | 4.5    | 31     | 52     | 36     | 6.19 | 20     | < 1    | 0.11 | 40     | 1.38 | 5820   |
| MMTD - 222         | 201 238   | < 5             | 3.66 | 0.2    | 15     | 140    | < 0.5  | < 2    | 1.15 | 3.0    | 21     | 58     | 33     | 4.49 | 20     | < 1    | 0.12 | 40     | 1.09 | 1180   |
| MMTD - 223         | 201 238   | < 5             | 2.56 | 0.4    | 30     | 160    | < 0.5  | < 2    | 1.02 | 1.5    | 20     | 42     | 54     | 4.04 | 10     | < 1    | 0.16 | 110    | 0.62 | 1140   |
| MMTD - 224         | 201 238   | < 5             | 1.91 | < 0.2  | < 5    | 180    | < 0.5  | < 2    | 0.26 | 0.5    | 12     | 41     | 25     | 3.43 | 20     | < 1    | 0.18 | 20     | 0.67 | 245    |
| MMTD - 225         | 201 238   | < 5             | 0.85 | < 0.2  | < 5    | 40     | < 0.5  | < 2    | 0.21 | < 0.5  | 6      | 27     | 6      | 2.25 | 10     | < 1    | 0.04 | 10     | 0.29 | 133    |
| MMTD - 226         | 201 238   | < 5             | 2.01 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.38 | 0.5    | 18     | 55     | 28     | 4.08 | 10     | < 1    | 0.09 | 10     | 0.82 | 675    |
| MMTD - 227         | 201 238   | < 5             | 0.83 | < 0.2  | < 5    | 50     | < 0.5  | < 2    | 0.28 | 0.5    | 5      | 26     | 6      | 2.15 | 10     | < 1    | 0.07 | 10     | 0.33 | 173    |
| MMTD - 228         | 201 238   | < 5             | 1.03 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.19 | < 0.5  | 6      | 20     | 6      | 1.92 | 10     | < 1    | 0.07 | 20     | 0.34 | 151    |
| MMTD - 229         | 201 238   | < 5             | 1.23 | < 0.2  | 5      | 120    | < 0.5  | < 2    | 0.35 | < 0.5  | 11     | 46     | 18     | 3.01 | 10     | < 1    | 0.07 | 10     | 0.51 | 348    |
| MMTD - 230         | 201 238   | < 5             | 2.15 | < 0.2  | 5      | 140    | < 0.5  | < 2    | 0.86 | 0.5    | 15     | 57     | 55     | 3.45 | < 10   | < 1    | 0.21 | 20     | 1.03 | 545    |
| MMTD - 231         | 201 238   | < 5             | 1.37 | < 0.2  | 5      | 80     | < 0.5  | < 2    | 0.39 | < 0.5  | 10     | 34     | 18     | 2.58 | < 10   | < 1    | 0.08 | 20     | 0.53 | 208    |
| MMTD - 232         | 201 238   | < 5             | 1.72 | < 0.2  | 5      | 130    | < 0.5  | < 2    | 0.43 | 0.5    | 15     | 42     | 31     | 3.14 | 10     | < 1    | 0.18 | 30     | 0.74 | 426    |
| MMTD - 233         | 201 238   | < 5             | 1.86 | 0.4    | 5      | 120    | < 0.5  | < 2    | 0.53 | 1.5    | 20     | 46     | 48     | 3.02 | 10     | 1      | 0.08 | 20     | 0.60 | 499    |
| MMTD - 234         | 201 238   | < 5             | 1.10 | < 0.2  | 10     | 160    | < 0.5  | < 2    | 0.63 | 0.5    | 10     | 39     | 32     | 2.30 | 10     | < 1    | 0.05 | 10     | 0.36 | 162    |
| MMTD - 235         | 201 238   | 25              | 1.11 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.40 | < 0.5  | 8      | 28     | 12     | 1.89 | 10     | < 1    | 0.10 | 20     | 0.43 | 317    |
| MMTD - 236         | 201 238   | < 5             | 1.74 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.63 | 1.0    | 18     | 60     | 21     | 3.38 | 10     | < 1    | 0.19 | 10     | 0.86 | 361    |
| MMTD - 237         | 201 238   | < 5             | 3.38 | < 0.2  | 5      | 340    | < 0.5  | < 2    | 0.76 | 0.5    | 23     | 56     | 51     | 4.41 | 20     | < 1    | 0.61 | 30     | 1.05 | 801    |
| MMTD - 238         | 201 238   | < 5             | 2.91 | < 0.2  | < 5    | 200    | < 0.5  | < 2    | 0.41 | 1.0    | 37     | 248    | 22     | 4.88 | 20     | < 1    | 0.15 | 10     | 1.51 | 416    |
| MMTD - 239         | 201 238   | < 5             | 1.79 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 0.25 | 0.5    | 13     | 45     | 11     | 3.28 | 10     | < 1    | 0.19 | 20     | 0.67 | 282    |
| MMTD - 240         | 201 238   | < 5             | 1.82 | < 0.2  | 5      | 100    | < 0.5  | < 2    | 0.31 | 0.5    | 13     | 48     | 16     | 3.57 | 10     | < 1    | 0.13 | 10     | 0.60 | 308    |
| MMTD - 241         | 201 238   | < 5             | 1.97 | 0.2    | < 5    | 140    | < 0.5  | < 2    | 1.59 | 1.5    | 21     | 38     | 100    | 3.23 | < 10   | < 1    | 0.12 | 50     | 0.74 | 1255   |
| MMTD - 242         | 201 238   | < 5             | 0.95 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.34 | 0.5    | 6      | 23     | 5      | 2.10 | 10     | < 1    | 0.10 | 20     | 0.24 | 161    |
| MMTD - 243         | 201 238   | < 5             | 1.30 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 1.25 | 1.5    | 12     | 33     | 63     | 2.13 | < 10   | < 1    | 0.10 | 30     | 0.55 | 939    |
| MMTD - 244         | 201 238   | < 5             | 0.40 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.26 | 0.5    | 3      | 8      | 5      | 0.71 | < 10   | < 1    | 0.06 | 20     | 0.06 | 137    |
| MMTD - 245         | 203 238   | < 5             | 0.04 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 4.66 | 0.5    | < 1    | 1      | 4      | 0.05 | < 10   | < 1    | 0.03 | < 10   | 0.04 | 136    |
| MMTD - 246         | 201 238   | < 5             | 0.07 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 2.28 | 0.5    | < 1    | < 1    | 1      | 0.08 | < 10   | < 1    | 0.03 | < 10   | 0.02 | 13     |
| MMTD - 247         | 201 238   | < 5             | 1.17 | < 0.2  | 5      | 50     | < 0.5  | < 2    | 0.30 | < 0.5  | 6      | 34     | 6      | 2.05 | < 10   | < 1    | 0.06 | 30     | 0.32 | 124    |
| MMTD - 248         | 201 238   | 15              | 1.27 | < 0.2  | 5      | 80     | < 0.5  | < 2    | 0.42 | 0.5    | 10     | 35     | 8      | 2.41 | < 10   | < 1    | 0.16 | 30     | 0.46 | 291    |
| MMTD - 249         | 201 238   | < 5             | 1.72 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.66 | 0.5    | 12     | 40     | 6      | 2.19 | < 10   | < 1    | 0.09 | 20     | 0.49 | 202    |
| MMTD - 250         | 201 238   | < 5             | 1.23 | < 0.2  | 5      | 70     | < 0.5  | < 2    | 0.39 | 0.5    | 12     | 80     | 11     | 3.07 | < 10   | < 1    | 0.09 | 20     | 0.56 | 212    |
| MMTD - 251         | 201 238   | < 5             | 1.00 | < 0.2  | < 5    | 50     | < 0.5  | < 2    | 0.46 | 0.5    | 7      | 49     | 7      | 1.68 | < 10   | < 1    | 0.06 | 20     | 0.37 | 99     |
| MMTD - 252         | 201 238   | < 5             | 1.65 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.27 | 0.5    | 12     | 74     | 5      | 2.70 | 10     | < 1    | 0.07 | 20     | 0.47 | 185    |
| MMTD - 253         | 201 238   | < 5             | 0.46 | 0.2    | < 5    | 130    | < 0.5  | < 2    | 3.93 | < 0.5  | 6      | 4      | 41     | 0.47 | < 10   | < 1    | 0.02 | 80     | 0.07 | 241    |
| MMTD - 254         | 201 238   | 40              | 1.24 | < 0.2  | < 5    | 80     | < 0.5  | < 2    | 0.07 | < 0.5  | 5      | 11     | 25     | 1.36 | < 10   | < 1    | 0.05 | 30     | 0.20 | 190    |

CERTIFICATION :



# Chemex Labs Ltd.

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

CHEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project : M543-DOG  
 Comments: CC: S. MCALLISTER

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 Invoice # : I-8720929  
 P.O. # : 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti %   | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| MMTD - 215         | 201 238   | < 1    | 0.01   | 23     | 500   | < 2    | < 5    | < 10   | 296    | < 0.01 | < 10   | 80    | 3     | < 5   | 8      |
| MMTD - 216         | 201 238   | < 1    | < 0.01 | 15     | 390   | 6      | < 5    | 10     | 40     | 0.16   | < 10   | < 10  | 82    | < 5   | 49     |
| MMTD - 217         | 201 238   | < 1    | < 0.01 | 7      | 920   | 8      | < 5    | 10     | 37     | 0.14   | < 10   | < 10  | 108   | < 5   | 36     |
| MMTD - 218         | 201 238   | < 1    | < 0.01 | 19     | 420   | 12     | < 5    | 10     | 39     | 0.13   | < 10   | < 10  | 73    | < 5   | 102    |
| MMTD - 219         | 201 238   | < 1    | 0.01   | 15     | 1780  | 10     | < 5    | 10     | 37     | 0.16   | < 10   | < 10  | 131   | < 5   | 75     |
| MMTD - 220         | 201 238   | < 1    | 0.02   | 49     | 490   | 72     | < 5    | 20     | 81     | 0.15   | < 10   | < 10  | 62    | < 5   | 98     |
| MMTD - 221         | 201 238   | < 1    | 0.11   | 40     | 850   | 136    | < 5    | 30     | 247    | 0.18   | < 10   | < 10  | 37    | < 5   | 165    |
| MMTD - 222         | 201 238   | < 1    | 0.09   | 35     | 340   | 94     | < 5    | 20     | 144    | 0.17   | < 10   | < 10  | 42    | < 5   | 178    |
| MMTD - 223         | 201 238   | < 1    | 0.03   | 41     | 720   | 66     | < 5    | 20     | 77     | 0.09   | < 10   | < 10  | 34    | < 5   | 107    |
| MMTD - 224         | 201 238   | < 1    | 0.01   | 19     | 180   | 22     | < 5    | 20     | 25     | 0.23   | < 10   | < 10  | 42    | < 5   | 52     |
| MMTD - 225         | 201 238   | < 1    | < 0.01 | 8      | 530   | 10     | < 5    | < 10   | 21     | 0.11   | < 10   | < 10  | 88    | < 5   | 29     |
| MMTD - 226         | 201 238   | < 1    | 0.01   | 41     | 1700  | 14     | < 5    | 20     | 31     | 0.13   | < 10   | < 10  | 122   | < 5   | 108    |
| MMTD - 227         | 201 238   | < 1    | < 0.01 | 13     | 670   | 10     | < 5    | < 10   | 24     | 0.12   | < 10   | < 10  | 76    | < 5   | 46     |
| MMTD - 228         | 201 238   | < 1    | < 0.01 | 7      | 640   | 12     | < 5    | 10     | 20     | 0.11   | < 10   | < 10  | 61    | < 5   | 40     |
| MMTD - 229         | 201 238   | < 1    | < 0.01 | 22     | 1040  | 10     | < 5    | 10     | 29     | 0.13   | < 10   | < 10  | 96    | < 5   | 59     |
| MMTD - 230         | 201 238   | 2      | 0.01   | 47     | 2580  | 30     | < 5    | 10     | 59     | 0.09   | < 10   | < 10  | 90    | < 5   | 90     |
| MMTD - 231         | 201 238   | < 1    | < 0.01 | 23     | 760   | 14     | < 5    | 10     | 29     | 0.10   | < 10   | < 10  | 60    | < 5   | 39     |
| MMTD - 232         | 201 238   | 1      | 0.01   | 47     | 1100  | 18     | < 5    | 20     | 32     | 0.10   | < 10   | < 10  | 61    | < 5   | 64     |
| MMTD - 233         | 201 238   | < 1    | < 0.01 | 64     | 450   | 70     | < 5    | 20     | 40     | 0.12   | < 10   | < 10  | 90    | < 5   | 83     |
| MMTD - 234         | 201 238   | 1      | < 0.01 | 29     | 260   | 10     | < 5    | 10     | 58     | 0.11   | < 10   | < 10  | 78    | < 5   | 34     |
| MMTD - 235         | 201 238   | < 1    | < 0.01 | 15     | 300   | 10     | < 5    | 10     | 32     | 0.10   | < 10   | < 10  | 43    | < 5   | 37     |
| MMTD - 236         | 201 238   | < 1    | 0.01   | 44     | 1770  | 36     | < 5    | 10     | 42     | 0.11   | < 10   | < 10  | 74    | < 5   | 78     |
| MMTD - 237         | 201 238   | < 1    | 0.04   | 51     | 480   | 36     | < 5    | 30     | 75     | 0.18   | < 10   | < 10  | 68    | < 5   | 110    |
| MMTD - 238         | 201 238   | < 1    | 0.01   | 131    | 780   | 44     | < 5    | 20     | 27     | 0.33   | < 10   | < 10  | 116   | < 5   | 157    |
| MMTD - 239         | 201 238   | < 1    | < 0.01 | 21     | 590   | 26     | < 5    | 10     | 21     | 0.13   | < 10   | < 10  | 68    | < 5   | 81     |
| MMTD - 240         | 201 238   | 1      | < 0.01 | 17     | 450   | 14     | < 5    | 10     | 28     | 0.17   | < 10   | < 10  | 93    | < 5   | 66     |
| MMTD - 241         | 201 238   | < 1    | 0.02   | 60     | 1010  | 26     | 5      | < 10   | 116    | 0.12   | 10     | < 10  | 64    | < 5   | 73     |
| MMTD - 242         | 201 238   | < 1    | < 0.01 | 5      | 210   | 6      | < 5    | 10     | 33     | 0.11   | < 10   | < 10  | 81    | < 5   | 40     |
| MMTD - 243         | 201 238   | < 1    | < 0.01 | 59     | 570   | 8      | < 5    | 10     | 91     | 0.07   | < 10   | < 10  | 45    | < 5   | 40     |
| MMTD - 244         | 201 238   | < 1    | < 0.01 | 2      | 200   | 4      | < 5    | 10     | 22     | 0.05   | < 10   | < 10  | 23    | < 5   | 22     |
| MMTD - 245         | 203 238   | 1      | < 0.01 | < 1    | 480   | < 2    | < 5    | < 10   | 277    | < 0.01 | < 10   | 10    | 6     | < 5   | 8      |
| MMTD - 246         | 201 238   | 1      | < 0.01 | < 1    | 370   | < 2    | < 5    | < 10   | 160    | < 0.01 | < 10   | < 10  | 1     | < 5   | 15     |
| MMTD - 247         | 201 238   | 1      | < 0.01 | 17     | 130   | 12     | < 5    | < 10   | 30     | 0.05   | < 10   | < 10  | 41    | < 5   | 27     |
| MMTD - 248         | 201 238   | < 1    | < 0.01 | 20     | 450   | 20     | < 5    | 10     | 35     | 0.04   | < 10   | < 10  | 35    | < 5   | 45     |
| MMTD - 249         | 201 238   | < 1    | < 0.01 | 19     | 350   | 12     | < 5    | 10     | 53     | 0.04   | < 10   | < 10  | 33    | < 5   | 64     |
| MMTD - 250         | 201 238   | 1      | < 0.01 | 47     | 630   | 26     | < 5    | 10     | 32     | 0.04   | < 10   | < 10  | 36    | < 5   | 59     |
| MMTD - 251         | 201 238   | < 1    | < 0.01 | 23     | 360   | 26     | < 5    | 10     | 47     | 0.04   | < 10   | < 10  | 32    | < 5   | 29     |
| MMTD - 252         | 201 238   | < 1    | < 0.01 | 36     | 880   | 26     | < 5    | < 10   | 25     | 0.07   | < 10   | < 10  | 50    | < 5   | 91     |
| MMTD - 253         | 201 238   | < 1    | 0.01   | 38     | 1020  | < 2    | < 5    | < 10   | 237    | < 0.01 | < 10   | < 10  | 1     | < 5   | 4      |
| MMTD - 254         | 201 238   | < 1    | < 0.01 | 4      | 370   | 10     | < 5    | 10     | 16     | 0.04   | < 10   | < 10  | 16    | < 5   | 19     |

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Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

HEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG

Comments: CC: S. MCALLISTER

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Invoice # : I-8720929  
P.O. # : 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| 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 |
|--------------------|-----------|--------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| MMTD - 255         | 201 238   | 20           | 1.34 | < 0.2  | < 5    | 50     | < 0.5  | < 2    | 0.15 | < 0.5  | 13     | 24     | 13     | 3.38 | 10     | 1      | 0.12 | 10     | 0.43 | 271    |
| MMTD - 256         | 201 238   | 40           | 1.35 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.31 | < 0.5  | 12     | 25     | 16     | 2.78 | 10     | 1      | 0.10 | 20     | 0.69 | 271    |
| MMTD - 257         | 201 238   | < 5          | 1.17 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 1.04 | < 0.5  | 10     | 27     | 20     | 1.93 | < 10   | < 1    | 0.16 | 10     | 0.51 | 387    |
| MMTD - 258         | 201 238   | < 5          | 1.40 | < 0.2  | 5      | 80     | < 0.5  | < 2    | 0.45 | < 0.5  | 14     | 36     | 23     | 2.57 | < 10   | < 1    | 0.12 | 10     | 0.75 | 252    |
| MMTD - 259         | 201 238   | < 5          | 1.75 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.30 | 0.5    | 12     | 69     | 10     | 3.05 | 10     | < 1    | 0.10 | 20     | 0.80 | 300    |
| MMTD - 260         | 201 238   | < 5          | 1.74 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.30 | 0.5    | 10     | 46     | 10     | 3.36 | 10     | < 1    | 0.08 | 20     | 0.49 | 359    |
| MMTD - 261         | 201 238   | < 5          | 1.43 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.26 | 0.5    | 12     | 86     | 13     | 2.72 | 10     | < 1    | 0.15 | 10     | 0.57 | 304    |
| MMTD - 262         | 201 238   | < 5          | 1.80 | < 0.2  | 10     | 70     | < 0.5  | < 2    | 0.20 | 0.5    | 14     | 39     | 16     | 3.81 | 10     | < 1    | 0.10 | 20     | 0.46 | 256    |
| MMTD - 263         | 201 238   | < 5          | 1.91 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.33 | 0.5    | 15     | 42     | 21     | 3.31 | 10     | < 1    | 0.09 | 10     | 0.54 | 1445   |
| MMTD - 264         | 201 238   | < 5          | 1.40 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.44 | 0.5    | 13     | 50     | 32     | 3.51 | 10     | < 1    | 0.07 | 20     | 0.63 | 246    |
| MMTD - 265         | 201 238   | < 5          | 1.64 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.26 | 0.5    | 10     | 38     | 13     | 2.98 | 10     | < 1    | 0.06 | 10     | 0.49 | 242    |
| MMTD - 266         | 201 238   | < 5          | 1.60 | < 0.2  | 5      | 60     | < 0.5  | < 2    | 0.32 | < 0.5  | 8      | 34     | 9      | 2.72 | 10     | 1      | 0.05 | 10     | 0.45 | 202    |
| MMTD - 267         | 201 238   | < 5          | 1.59 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.32 | 0.5    | 12     | 47     | 15     | 2.71 | 10     | < 1    | 0.08 | 10     | 0.56 | 280    |
| MMTD - 268         | 201 238   | < 5          | 1.96 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.35 | 0.5    | 18     | 92     | 16     | 4.47 | 20     | < 1    | 0.12 | 20     | 0.86 | 408    |
| MMTD - 269         | 201 238   | < 5          | 1.34 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.30 | < 0.5  | 9      | 34     | 9      | 2.29 | 10     | < 1    | 0.07 | 10     | 0.41 | 462    |
| MMTD - 270         | 201 238   | < 5          | 1.43 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.30 | < 0.5  | 10     | 40     | 21     | 2.87 | 10     | < 1    | 0.08 | 10     | 0.57 | 438    |
| MMTD - 271         | 201 238   | < 5          | 1.30 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.27 | 0.5    | 10     | 36     | 21     | 2.67 | 10     | < 1    | 0.07 | 10     | 0.51 | 420    |
| MMTD - 272         | 201 238   | < 5          | 1.31 | < 0.2  | < 5    | 50     | < 0.5  | < 2    | 0.21 | 0.5    | 7      | 33     | 6      | 2.95 | 10     | < 1    | 0.05 | 10     | 0.30 | 216    |
| MMTD - 273         | 201 238   | < 5          | 1.44 | < 0.2  | 5      | 60     | < 0.5  | < 2    | 0.25 | < 0.5  | 11     | 39     | 13     | 2.95 | 10     | < 1    | 0.07 | 10     | 0.51 | 237    |
| MMTD - 274         | 201 238   | < 5          | 2.02 | 0.2    | 5      | 100    | < 0.5  | < 2    | 0.40 | 0.5    | 21     | 56     | 45     | 4.14 | < 10   | < 1    | 0.10 | 10     | 0.84 | 419    |
| MMTD - 275         | 201 238   | < 5          | 1.91 | 0.2    | 10     | 100    | < 0.5  | < 2    | 0.32 | 0.5    | 13     | 51     | 18     | 4.43 | < 10   | < 1    | 0.08 | 10     | 0.56 | 372    |
| MMTD - 276         | 201 238   | < 5          | 1.48 | 0.2    | < 5    | 50     | < 0.5  | < 2    | 0.33 | 0.5    | 5      | 43     | 18     | 3.07 | < 10   | < 1    | 0.04 | 10     | 0.41 | 179    |
| MMTD - 277         | 201 238   | < 5          | 2.29 | 0.2    | 5      | 90     | < 0.5  | < 2    | 0.46 | < 0.5  | 13     | 51     | 58     | 4.03 | < 10   | < 1    | 0.09 | 10     | 0.84 | 407    |
| MMTD - 278         | 201 238   | < 5          | 1.85 | 0.2    | < 5    | 100    | < 0.5  | < 2    | 0.30 | 1.0    | 15     | 42     | 25     | 3.79 | < 10   | 1      | 0.08 | 10     | 0.68 | 584    |
| MMTD - 279         | 201 238   | < 5          | 1.67 | 0.2    | < 5    | 90     | < 0.5  | < 2    | 0.29 | 0.5    | 13     | 36     | 23     | 3.10 | < 10   | < 1    | 0.12 | 20     | 0.57 | 243    |
| MMTD - 280         | 201 238   | < 5          | 1.38 | 0.2    | 15     | 160    | < 0.5  | < 2    | 0.55 | 0.5    | 16     | 61     | 26     | 2.84 | < 10   | < 1    | 0.17 | 30     | 0.61 | 475    |
| MMTD - 281         | 201 238   | < 5          | 1.32 | 0.2    | < 5    | 190    | < 0.5  | < 2    | 0.31 | 0.5    | 16     | 92     | 15     | 2.74 | < 10   | < 1    | 0.12 | 30     | 0.46 | 389    |
| MMTD - 282         | 201 238   | < 5          | 0.90 | 0.2    | 10     | 70     | < 0.5  | < 2    | 0.33 | 0.5    | 13     | 84     | 13     | 2.09 | < 10   | < 1    | 0.10 | 30     | 0.48 | 225    |
| MMTD - 283         | 201 238   | < 5          | 1.02 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.31 | 1.0    | 11     | 72     | 13     | 2.00 | < 10   | < 1    | 0.09 | 20     | 0.48 | 266    |
| MMTD - 284         | 201 238   | < 5          | 0.64 | < 0.2  | 5      | 80     | < 0.5  | < 2    | 0.20 | < 0.5  | 6      | 51     | 6      | 1.35 | < 10   | < 1    | 0.10 | 20     | 0.24 | 308    |
| MMTD - 285         | 201 238   | < 5          | 1.02 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.37 | 0.5    | 14     | 69     | 14     | 2.28 | < 10   | < 1    | 0.14 | 20     | 0.57 | 379    |
| MMTD - 286         | 201 238   | < 5          | 0.95 | < 0.2  | 5      | 80     | < 0.5  | < 2    | 0.51 | 0.5    | 7      | 44     | 11     | 1.84 | < 10   | < 1    | 0.13 | 20     | 0.51 | 279    |
| MMTD - 287         | 201 238   | < 5          | 0.86 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.19 | < 0.5  | 7      | 54     | 7      | 1.81 | < 10   | < 1    | 0.08 | 30     | 0.31 | 153    |
| MMTD - 288         | 201 238   | < 5          | 0.96 | < 0.2  | 10     | 80     | < 0.5  | < 2    | 0.35 | < 0.5  | 11     | 55     | 14     | 1.91 | < 10   | < 1    | 0.18 | 30     | 0.50 | 315    |
| MMTD - 289         | 201 238   | < 5          | 1.19 | 0.2    | 5      | 80     | < 0.5  | < 2    | 0.24 | < 0.5  | 10     | 50     | 12     | 2.18 | < 10   | < 1    | 0.12 | 30     | 0.46 | 193    |
| MMTD - 290         | 201 238   | < 5          | 0.77 | 0.2    | 10     | 60     | < 0.5  | < 2    | 0.10 | < 0.5  | 6      | 21     | 13     | 2.98 | < 10   | < 1    | 0.12 | 30     | 0.20 | 200    |
| MMTD - 291         | 201 238   | < 5          | 1.72 | 0.4    | < 5    | 80     | < 0.5  | < 2    | 0.17 | 0.5    | 13     | 28     | 14     | 4.02 | < 10   | < 1    | 0.28 | 20     | 0.58 | 362    |
| MMTD - 292         | 201 238   | < 5          | 2.34 | 0.4    | < 5    | 140    | < 0.5  | < 2    | 1.16 | 1.0    | 15     | 47     | 29     | 3.26 | < 10   | < 1    | 0.29 | 40     | 0.81 | 594    |
| MMTD - 293         | 201 238   | < 5          | 2.51 | 0.4    | < 5    | 50     | < 0.5  | < 2    | 0.16 | 0.5    | 23     | 41     | 43     | 6.33 | 10     | < 1    | 0.18 | 40     | 0.91 | 641    |
| MMTD - 294         | 201 238   | < 5          | 1.18 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.13 | < 0.5  | 4      | 17     | 2      | 1.26 | 10     | < 1    | 0.05 | 20     | 0.27 | 122    |

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Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

CHEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG

Comments: CC: S. MCALLISTER

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Tot. Pages: 6  
Date : 8-SEP-87  
Invoice #: I-8720929  
P.O. #: 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| MMTD - 255         | 201 238   | < 1    | < 0.01 | 19     | 650   | 14     | < 5    | 10     | 15     | 0.06 | < 10   | < 10  | 51    | < 5   | 48     |
| MMTD - 256         | 201 238   | < 1    | < 0.01 | 20     | 650   | 8      | < 5    | 10     | 27     | 0.14 | < 10   | < 10  | 73    | < 5   | 39     |
| MMTD - 257         | 201 238   | < 1    | 0.01   | 24     | 780   | 8      | < 5    | < 10   | 71     | 0.08 | < 10   | < 10  | 37    | < 5   | 39     |
| MMTD - 258         | 201 238   | < 1    | 0.01   | 26     | 430   | 10     | < 5    | < 10   | 42     | 0.09 | < 10   | < 10  | 55    | < 5   | 41     |
| MMTD - 259         | 201 238   | < 1    | < 0.01 | 27     | 930   | 14     | < 5    | 10     | 33     | 0.15 | < 10   | < 10  | 60    | < 5   | 81     |
| MMTD - 260         | 201 238   | < 1    | < 0.01 | 17     | 1980  | 10     | < 5    | 10     | 29     | 0.09 | < 10   | < 10  | 82    | < 5   | 77     |
| MMTD - 261         | 201 238   | 1      | < 0.01 | 23     | 580   | 16     | < 5    | 10     | 30     | 0.14 | < 10   | < 10  | 75    | < 5   | 77     |
| MMTD - 262         | 201 238   | < 1    | < 0.01 | 21     | 1830  | 22     | < 5    | 20     | 24     | 0.11 | < 10   | < 10  | 59    | < 5   | 103    |
| MMTD - 263         | 201 238   | < 1    | < 0.01 | 19     | 1870  | 6      | < 5    | 10     | 30     | 0.10 | < 10   | < 10  | 84    | < 5   | 102    |
| MMTD - 264         | 201 238   | < 1    | < 0.01 | 34     | 920   | 10     | < 5    | 10     | 30     | 0.11 | < 10   | < 10  | 79    | < 5   | 51     |
| MMTD - 265         | 201 238   | < 1    | < 0.01 | 16     | 1220  | 8      | < 5    | 10     | 24     | 0.12 | < 10   | < 10  | 84    | < 5   | 94     |
| MMTD - 266         | 201 238   | < 1    | < 0.01 | 14     | 590   | 6      | < 5    | 10     | 33     | 0.17 | < 10   | < 10  | 99    | < 5   | 58     |
| MMTD - 267         | 201 238   | < 1    | < 0.01 | 20     | 690   | 6      | < 5    | 10     | 32     | 0.15 | < 10   | < 10  | 87    | < 5   | 89     |
| MMTD - 268         | 201 238   | < 1    | 0.01   | 30     | 920   | 24     | < 5    | 20     | 28     | 0.25 | < 10   | < 10  | 117   | < 5   | 98     |
| MMTD - 269         | 201 238   | < 1    | < 0.01 | 16     | 590   | 6      | < 5    | 10     | 27     | 0.12 | < 10   | < 10  | 68    | < 5   | 54     |
| MMTD - 270         | 201 238   | < 1    | < 0.01 | 19     | 1390  | 6      | < 5    | 10     | 25     | 0.09 | < 10   | < 10  | 84    | < 5   | 49     |
| MMTD - 271         | 201 238   | < 1    | < 0.01 | 16     | 1230  | < 2    | < 5    | 10     | 23     | 0.10 | < 10   | < 10  | 82    | < 5   | 48     |
| MMTD - 272         | 201 238   | < 1    | < 0.01 | 11     | 770   | 6      | < 5    | 10     | 18     | 0.11 | < 10   | < 10  | 80    | < 5   | 49     |
| MMTD - 273         | 201 238   | < 1    | < 0.01 | 19     | 910   | < 2    | < 5    | < 10   | 22     | 0.12 | < 10   | < 10  | 82    | < 5   | 63     |
| MMTD - 274         | 201 238   | < 1    | < 0.01 | 47     | 1820  | 6      | < 5    | < 10   | 29     | 0.12 | < 10   | < 10  | 94    | < 5   | 81     |
| MMTD - 275         | 201 238   | 1      | < 0.01 | 23     | 1250  | 10     | < 5    | 10     | 32     | 0.16 | < 10   | < 10  | 112   | < 5   | 105    |
| MMTD - 276         | 201 238   | < 1    | < 0.01 | 15     | 1150  | 6      | < 5    | < 10   | 28     | 0.11 | < 10   | < 10  | 89    | < 5   | 33     |
| MMTD - 277         | 201 238   | < 1    | 0.01   | 32     | 1120  | 10     | < 5    | 10     | 40     | 0.19 | < 10   | < 10  | 117   | < 5   | 59     |
| MMTD - 278         | 201 238   | < 1    | < 0.01 | 26     | 1950  | 10     | < 5    | < 10   | 26     | 0.09 | < 10   | < 10  | 88    | < 5   | 149    |
| MMTD - 279         | 201 238   | < 1    | < 0.01 | 31     | 1050  | 12     | < 5    | < 10   | 21     | 0.10 | < 10   | < 10  | 59    | < 5   | 62     |
| MMTD - 280         | 201 238   | 1      | < 0.01 | 63     | 1080  | 18     | < 5    | 10     | 36     | 0.07 | < 10   | < 10  | 45    | < 5   | 103    |
| MMTD - 281         | 201 238   | < 1    | < 0.01 | 70     | 900   | 28     | < 5    | < 10   | 25     | 0.06 | < 10   | < 10  | 44    | < 5   | 68     |
| MMTD - 282         | 201 238   | 1      | < 0.01 | 64     | 770   | 16     | < 5    | < 10   | 24     | 0.05 | < 10   | < 10  | 31    | < 5   | 49     |
| MMTD - 283         | 201 238   | < 1    | < 0.01 | 52     | 790   | 18     | < 5    | < 10   | 23     | 0.05 | < 10   | < 10  | 31    | < 5   | 57     |
| MMTD - 284         | 201 238   | < 1    | < 0.01 | 24     | 440   | 8      | < 5    | < 10   | 16     | 0.05 | < 10   | < 10  | 26    | < 5   | 42     |
| MMTD - 285         | 201 238   | < 1    | < 0.01 | 58     | 930   | 28     | < 5    | < 10   | 29     | 0.05 | < 10   | < 10  | 32    | < 5   | 58     |
| MMTD - 286         | 201 238   | < 1    | < 0.01 | 40     | 930   | 22     | < 5    | < 10   | 38     | 0.05 | < 10   | < 10  | 27    | < 5   | 42     |
| MMTD - 287         | 201 238   | < 1    | < 0.01 | 33     | 370   | 6      | < 5    | < 10   | 16     | 0.06 | < 10   | < 10  | 34    | < 5   | 37     |
| MMTD - 288         | 201 238   | < 1    | < 0.01 | 46     | 870   | 10     | < 5    | < 10   | 26     | 0.06 | < 10   | < 10  | 30    | < 5   | 50     |
| MMTD - 289         | 201 238   | < 1    | < 0.01 | 35     | 670   | 18     | < 5    | < 10   | 21     | 0.08 | < 10   | < 10  | 37    | < 5   | 47     |
| MMTD - 290         | 201 238   | < 1    | < 0.01 | 17     | 510   | 12     | < 5    | < 10   | 14     | 0.05 | < 10   | < 10  | 28    | < 5   | 48     |
| MMTD - 291         | 201 238   | < 1    | < 0.01 | 21     | 1160  | 12     | < 5    | < 10   | 15     | 0.06 | < 10   | < 10  | 36    | < 5   | 77     |
| MMTD - 292         | 201 238   | < 1    | 0.03   | 44     | 1050  | 24     | < 5    | < 10   | 101    | 0.10 | < 10   | < 10  | 47    | < 5   | 78     |
| MMTD - 293         | 201 238   | < 1    | < 0.01 | 47     | 850   | 12     | < 5    | < 10   | 11     | 0.08 | < 10   | < 10  | 61    | < 5   | 108    |
| MMTD - 294         | 201 238   | < 1    | < 0.01 | 5      | 160   | 12     | < 5    | < 10   | 18     | 0.08 | < 10   | < 10  | 30    | < 5   | 27     |

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# Chemex Labs Ltd.

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

CHEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project : M543-DOG  
 Comments: CC: S. MCALLISTER

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 Tot. Pages: 6  
 Date : 8-SEP-87  
 Invoice # : I-8720929  
 P.O. # : 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| MMTD - 295         | 201 238   | < 5             | 1.05 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 0.59 | 0.5    | 6      | 37     | 8      | 1.42 | < 10   | < 1    | 0.11 | 20     | 0.38 | 272    |
| MMTD - 296         | 201 238   | < 5             | 0.97 | < 0.2  | < 5    | 80     | < 0.5  | < 2    | 0.21 | < 0.5  | 5      | 38     | 5      | 1.46 | < 10   | < 1    | 0.07 | 30     | 0.29 | 118    |
| MMTD - 297         | 201 238   | < 5             | 1.41 | 0.2    | < 5    | 100    | < 0.5  | < 2    | 0.27 | 0.5    | 6      | 49     | 20     | 2.59 | < 10   | 1      | 0.08 | 20     | 0.48 | 193    |
| MMTD - 298         | 201 238   | < 5             | 0.85 | < 0.2  | < 5    | 50     | < 0.5  | < 2    | 0.20 | < 0.5  | 5      | 22     | 4      | 1.52 | < 10   | < 1    | 0.04 | 20     | 0.21 | 110    |
| MMTD - 299         | 201 238   | < 5             | 1.54 | 0.2    | 5      | 50     | < 0.5  | < 2    | 0.23 | < 0.5  | 7      | 37     | 12     | 2.87 | 10     | < 1    | 0.07 | 10     | 0.36 | 200    |
| MMTD - 300         | 201 238   | < 5             | 2.12 | 0.2    | < 5    | 130    | < 0.5  | < 2    | 0.34 | 0.5    | 18     | 48     | 34     | 3.95 | 10     | < 1    | 0.15 | 10     | 0.95 | 876    |
| MMTD - 301         | 201 238   | < 5             | 1.07 | < 0.2  | < 5    | 50     | < 0.5  | < 2    | 0.20 | < 0.5  | 5      | 21     | 4      | 1.75 | 10     | < 1    | 0.04 | 10     | 0.26 | 396    |
| MMTD - 302         | 201 238   | < 5             | 2.71 | 0.2    | 5      | 110    | < 0.5  | < 2    | 0.15 | 0.5    | 12     | 64     | 20     | 4.64 | 10     | < 1    | 0.20 | 10     | 1.06 | 280    |
| MMTD - 303         | 201 238   | < 5             | 2.59 | < 0.2  | < 5    | 180    | < 0.5  | < 2    | 0.30 | 1.0    | 29     | 243    | 5      | 4.37 | 10     | < 1    | 0.24 | 10     | 2.13 | 640    |
| MMTD - 304         | 201 238   | < 5             | 1.44 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.24 | < 0.5  | 7      | 36     | 10     | 2.80 | 10     | < 1    | 0.08 | 10     | 0.44 | 355    |
| MMTD - 305         | 201 238   | < 5             | 1.65 | 0.2    | < 5    | 70     | < 0.5  | < 2    | 0.22 | < 0.5  | 6      | 24     | 4      | 2.00 | 10     | < 1    | 0.06 | 10     | 0.31 | 288    |
| MMTD - 306         | 201 238   | < 5             | 1.67 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.22 | < 0.5  | 6      | 25     | 4      | 1.98 | 10     | < 1    | 0.05 | 10     | 0.31 | 277    |
| MMTD - 307         | 201 238   | < 5             | 1.34 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.21 | < 0.5  | 5      | 30     | 7      | 2.32 | 10     | < 1    | 0.07 | 10     | 0.39 | 206    |
| MMTD - 308         | 201 238   | < 5             | 1.70 | 0.4    | < 5    | 50     | < 0.5  | < 2    | 0.24 | 0.5    | 4      | 31     | 12     | 2.66 | 10     | < 1    | 0.09 | 10     | 0.49 | 189    |
| MMTD - 309         | 201 238   | < 5             | 3.13 | < 0.2  | < 5    | 230    | < 0.5  | < 2    | 0.16 | 0.5    | 13     | 58     | 7      | 4.28 | 10     | < 1    | 0.27 | < 10   | 1.01 | 217    |
| MMTD - 310         | 201 238   | < 5             | 2.92 | < 0.2  | 5      | 260    | < 0.5  | < 2    | 0.20 | < 0.5  | 13     | 52     | 5      | 3.50 | 20     | < 1    | 0.13 | 20     | 1.60 | 321    |
| MMTD - 311         | 201 238   | < 5             | 1.52 | 0.2    | < 5    | 80     | < 0.5  | < 2    | 0.19 | 0.5    | 10     | 34     | 8      | 3.26 | 10     | 1      | 0.11 | 10     | 0.57 | 314    |
| MMTD - 312         | 201 238   | < 5             | 1.17 | < 0.2  | < 5    | 40     | < 0.5  | < 2    | 0.17 | < 0.5  | 4      | 23     | 6      | 1.77 | < 10   | < 1    | 0.04 | 10     | 0.23 | 187    |
| MMTD - 313         | 201 238   | < 5             | 3.08 | 0.4    | 5      | 110    | < 0.5  | < 2    | 0.25 | 0.5    | 13     | 54     | 26     | 5.11 | 10     | < 1    | 0.12 | 10     | 0.76 | 282    |
| MMTD - 314         | 201 238   | < 5             | 1.99 | 0.2    | < 5    | 240    | < 0.5  | < 2    | 0.26 | 0.5    | 20     | 128    | 4      | 3.34 | 10     | < 1    | 0.55 | 10     | 1.28 | 459    |
| MMTD - 315         | 201 238   | < 5             | 1.72 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.23 | 0.5    | 5      | 31     | 9      | 2.92 | 10     | < 1    | 0.05 | 10     | 0.45 | 250    |
| MMTD - 316         | 201 238   | < 5             | 1.88 | < 0.2  | < 5    | 70     | 0.5    | < 2    | 0.23 | < 0.5  | 11     | 37     | 17     | 3.38 | 10     | 1      | 0.09 | 10     | 0.63 | 372    |
| MMTD - 317         | 201 238   | < 5             | 1.42 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.19 | < 0.5  | 5      | 28     | 11     | 2.41 | 10     | < 1    | 0.07 | 10     | 0.48 | 282    |
| MMTD - 318         | 201 238   | < 5             | 0.87 | < 0.2  | < 5    | 40     | < 0.5  | < 2    | 0.19 | < 0.5  | 5      | 21     | 5      | 1.79 | 10     | < 1    | 0.05 | 10     | 0.26 | 128    |
| MMTD - 319         | 201 238   | < 5             | 2.22 | 0.4    | < 5    | 100    | 0.5    | < 2    | 0.24 | < 0.5  | 11     | 44     | 13     | 3.02 | < 10   | < 1    | 0.07 | 10     | 0.48 | 228    |
| MMTD - 320         | 201 238   | < 5             | 1.05 | 0.2    | < 5    | 60     | < 0.5  | < 2    | 0.26 | < 0.5  | 5      | 22     | 6      | 1.84 | 10     | < 1    | 0.07 | 10     | 0.25 | 128    |
| MMTD - 321         | 201 238   | 60              | 1.17 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.27 | < 0.5  | 6      | 27     | 7      | 2.27 | 10     | < 1    | 0.09 | 20     | 0.39 | 174    |
| MMTD - 322         | 201 238   | < 5             | 1.45 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.25 | < 0.5  | 6      | 27     | 12     | 2.65 | 10     | < 1    | 0.05 | 10     | 0.45 | 214    |
| MMTD - 323         | 201 238   | < 5             | 0.94 | < 0.2  | 5      | 50     | < 0.5  | < 2    | 0.23 | < 0.5  | 7      | 30     | 7      | 2.41 | 10     | 1      | 0.04 | 20     | 0.25 | 141    |
| MMTD - 324         | 201 238   | < 5             | 1.35 | 0.2    | < 5    | 70     | < 0.5  | < 2    | 0.22 | < 0.5  | 7      | 33     | 6      | 2.37 | 10     | < 1    | 0.04 | 20     | 0.29 | 147    |
| T27D - 680         | 201 238   | < 5             | 1.41 | 0.4    | < 5    | 140    | 0.5    | < 2    | 0.50 | 0.5    | 7      | 40     | 12     | 2.15 | < 10   | < 1    | 0.07 | 20     | 0.50 | 254    |
| T27D - 681         | 201 238   | < 5             | 1.86 | 0.2    | < 5    | 360    | 0.5    | < 2    | 1.45 | 1.5    | 17     | 56     | 59     | 3.09 | < 10   | < 1    | 0.13 | < 10   | 0.70 | 1120   |
| T27D - 682         | 201 238   | < 10            | 0.16 | 0.2    | < 5    | 210    | < 0.5  | < 2    | 4.17 | < 0.5  | < 1    | 5      | 19     | 0.19 | < 10   | < 1    | 0.01 | < 10   | 0.31 | 70     |
| T27D - 683         | 201 238   | < 5             | 1.12 | < 0.2  | < 5    | 160    | 0.5    | < 2    | 0.43 | 0.5    | 6      | 37     | 12     | 2.30 | < 10   | < 1    | 0.04 | 10     | 0.28 | 204    |
| T27D - 684         | 201 238   | < 5             | 1.31 | < 0.2  | 5      | 170    | 0.5    | < 2    | 0.46 | < 0.5  | 7      | 35     | 16     | 2.27 | < 10   | < 1    | 0.04 | 20     | 0.44 | 247    |
| T27D - 685         | 201 238   | < 5             | 0.35 | 0.4    | < 5    | 390    | < 0.5  | < 2    | 3.83 | 1.0    | 2      | 7      | 35     | 0.44 | < 10   | < 1    | 0.01 | < 10   | 0.26 | 562    |
| T27D - 686         | 201 238   | < 5             | 0.54 | < 0.2  | < 5    | 410    | < 0.5  | < 2    | 3.21 | < 0.5  | 7      | 17     | 24     | 1.07 | < 10   | < 1    | 0.02 | < 10   | 0.37 | 282    |
| T27D - 687         | 201 238   | < 5             | 0.96 | < 0.2  | < 5    | 370    | < 0.5  | < 2    | 1.62 | 0.5    | 8      | 28     | 19     | 1.89 | < 10   | < 1    | 0.05 | < 10   | 0.49 | 451    |
| T27D - 688         | 201 238   | < 5             | 0.79 | 0.2    | 5      | 470    | < 0.5  | < 2    | 2.71 | 0.5    | 9      | 20     | 28     | 1.31 | < 10   | < 1    | 0.05 | < 10   | 0.46 | 542    |
| T27D - 689         | 201 238   | < 5             | 1.53 | 0.4    | 10     | 500    | 0.5    | < 2    | 1.08 | 0.5    | 13     | 44     | 52     | 2.79 | < 10   | < 1    | 0.09 | 20     | 0.51 | 544    |

CERTIFICATION :



# Chemex Labs Ltd.

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

HEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project : M543-DOG  
 Comments: CC: S. MCALLISTER

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 P.O. # : 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti %   | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| MMTD - 295         | 201 238   | < 1    | < 0.01 | 15     | 270   | 8      | < 5    | < 10   | 47     | 0.07   | < 10   | < 10  | 32    | < 5   | 40     |
| MMTD - 296         | 201 238   | < 1    | < 0.01 | 18     | 390   | 2      | < 5    | < 10   | 19     | 0.07   | < 10   | < 10  | 41    | < 5   | 32     |
| MMTD - 297         | 201 238   | < 1    | < 0.01 | 39     | 690   | 10     | < 5    | < 10   | 22     | 0.07   | < 10   | < 10  | 53    | < 5   | 56     |
| MMTD - 298         | 201 238   | < 1    | < 0.01 | 8      | 260   | 10     | < 5    | < 10   | 21     | 0.10   | < 10   | < 10  | 47    | < 5   | 27     |
| MMTD - 299         | 201 238   | < 1    | < 0.01 | 14     | 1150  | 10     | < 5    | < 10   | 24     | 0.11   | < 10   | < 10  | 79    | < 5   | 54     |
| MMTD - 300         | 201 238   | < 1    | < 0.01 | 27     | 1180  | 8      | < 5    | < 10   | 32     | 0.15   | < 10   | < 10  | 92    | < 5   | 94     |
| MMTD - 301         | 201 238   | < 1    | < 0.01 | 6      | 710   | 10     | < 5    | < 10   | 21     | 0.09   | < 10   | < 10  | 50    | < 5   | 37     |
| MMTD - 302         | 201 238   | < 1    | < 0.01 | 34     | 640   | 28     | < 5    | < 10   | 18     | 0.18   | < 10   | < 10  | 84    | < 5   | 102    |
| MMTD - 303         | 201 238   | < 1    | < 0.01 | 122    | 660   | 12     | < 5    | < 10   | 20     | 0.22   | < 10   | < 10  | 111   | < 5   | 124    |
| MMTD - 304         | 201 238   | < 1    | < 0.01 | 12     | 1140  | 12     | < 5    | < 10   | 27     | 0.12   | < 10   | < 10  | 72    | < 5   | 54     |
| MMTD - 305         | 201 238   | < 1    | < 0.01 | 7      | 910   | 8      | < 5    | < 10   | 25     | 0.11   | < 10   | < 10  | 52    | < 5   | 63     |
| MMTD - 306         | 201 238   | < 1    | < 0.01 | 7      | 890   | 2      | < 5    | < 10   | 25     | 0.11   | < 10   | < 10  | 52    | < 5   | 63     |
| MMTD - 307         | 201 238   | < 1    | < 0.01 | 10     | 650   | 8      | < 5    | < 10   | 26     | 0.12   | < 10   | < 10  | 64    | < 5   | 74     |
| MMTD - 308         | 201 238   | < 1    | < 0.01 | 12     | 750   | 8      | < 5    | < 10   | 33     | 0.15   | < 10   | < 10  | 67    | < 5   | 60     |
| MMTD - 309         | 201 238   | < 1    | < 0.01 | 22     | 610   | 20     | < 5    | < 10   | 14     | 0.14   | < 10   | < 10  | 104   | < 5   | 83     |
| MMTD - 310         | 201 238   | < 1    | 0.02   | 16     | 660   | 16     | < 5    | < 10   | 23     | 0.22   | < 10   | < 10  | 62    | < 5   | 88     |
| MMTD - 311         | 201 238   | < 1    | < 0.01 | 16     | 860   | 20     | < 5    | < 10   | 19     | 0.12   | < 10   | < 10  | 53    | < 5   | 156    |
| MMTD - 312         | 201 238   | < 1    | < 0.01 | 7      | 500   | 6      | < 5    | < 10   | 22     | 0.08   | < 10   | < 10  | 45    | < 5   | 28     |
| MMTD - 313         | 201 238   | < 1    | < 0.01 | 31     | 1520  | 14     | < 5    | < 10   | 30     | 0.13   | < 10   | < 10  | 112   | < 5   | 60     |
| MMTD - 314         | 201 238   | < 1    | 0.01   | 57     | 450   | 18     | < 5    | < 10   | 19     | 0.22   | < 10   | < 10  | 76    | < 5   | 73     |
| MMTD - 315         | 201 238   | < 1    | < 0.01 | 12     | 1040  | 8      | < 5    | < 10   | 26     | 0.11   | < 10   | < 10  | 74    | < 5   | 114    |
| MMTD - 316         | 201 238   | < 1    | < 0.01 | 16     | 740   | 6      | < 5    | < 10   | 26     | 0.15   | < 10   | < 10  | 92    | < 5   | 83     |
| MMTD - 317         | 201 238   | < 1    | < 0.01 | 12     | 660   | 6      | < 5    | < 10   | 19     | 0.11   | < 10   | < 10  | 59    | < 5   | 66     |
| MMTD - 318         | 201 238   | < 1    | < 0.01 | 6      | 370   | 4      | < 5    | < 10   | 18     | 0.11   | < 10   | < 10  | 58    | < 5   | 28     |
| MMTD - 319         | 201 238   | < 1    | < 0.01 | 23     | 730   | 8      | < 5    | < 10   | 23     | 0.10   | < 10   | < 10  | 59    | < 5   | 66     |
| MMTD - 320         | 201 238   | < 1    | < 0.01 | 6      | 340   | 12     | < 5    | < 10   | 33     | 0.15   | < 10   | < 10  | 65    | < 5   | 27     |
| MMTD - 321         | 201 238   | < 1    | < 0.01 | 11     | 260   | 10     | < 5    | < 10   | 29     | 0.14   | < 10   | < 10  | 78    | < 5   | 50     |
| MMTD - 322         | 201 238   | < 1    | < 0.01 | 13     | 630   | 8      | < 5    | < 10   | 27     | 0.13   | < 10   | < 10  | 75    | < 5   | 47     |
| MMTD - 323         | 201 238   | < 1    | < 0.01 | 11     | 440   | 6      | < 5    | < 10   | 23     | 0.10   | < 10   | < 10  | 71    | < 5   | 45     |
| MMTD - 324         | 201 238   | < 1    | < 0.01 | 10     | 910   | 4      | < 5    | < 10   | 25     | 0.10   | < 10   | < 10  | 63    | < 5   | 47     |
| T27D - 680         | 201 238   | < 1    | < 0.01 | 24     | 310   | 4      | < 5    | < 10   | 33     | 0.11   | < 10   | < 10  | 62    | < 5   | 49     |
| T27D - 681         | 201 238   | < 1    | < 0.01 | 51     | 860   | 6      | < 5    | < 10   | 99     | 0.06   | < 10   | < 10  | 64    | < 5   | 74     |
| T27D - 682         | 201 238   | < 1    | < 0.01 | 14     | 570   | < 2    | < 5    | < 10   | 287    | < 0.01 | < 10   | 10    | 2     | < 5   | 2      |
| T27D - 683         | 201 238   | < 1    | < 0.01 | 19     | 310   | 4      | < 5    | < 10   | 31     | 0.12   | < 10   | < 10  | 68    | < 5   | 36     |
| T27D - 684         | 201 238   | < 1    | < 0.01 | 27     | 410   | 4      | < 5    | < 10   | 27     | 0.08   | < 10   | < 10  | 53    | < 5   | 38     |
| T27D - 685         | 201 238   | < 1    | < 0.01 | 26     | 1040  | < 2    | < 5    | < 10   | 182    | < 0.01 | < 10   | 10    | 5     | < 5   | 6      |
| T27D - 686         | 201 238   | < 1    | < 0.01 | 18     | 620   | 2      | < 5    | < 10   | 221    | 0.03   | < 10   | < 10  | 19    | < 5   | 15     |
| T27D - 687         | 201 238   | < 1    | < 0.01 | 24     | 550   | 2      | < 5    | < 10   | 126    | 0.06   | < 10   | < 10  | 32    | < 5   | 26     |
| T27D - 688         | 201 238   | < 1    | < 0.01 | 24     | 1040  | 6      | < 5    | < 10   | 192    | 0.02   | < 10   | < 10  | 23    | < 5   | 21     |
| T27D - 689         | 201 238   | < 1    | < 0.01 | 44     | 930   | 8      | < 5    | < 10   | 72     | 0.05   | < 10   | < 10  | 46    | < 5   | 53     |

CERTIFICATION : 



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Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

CHEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG  
Comments: CC: S. McALLISTER

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Date : 8-SEP-87  
Invoice # : I-8720929  
P.O. # : 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|
| T27D - 690         | 201 238   | < 5             | 1.47 | < 0.2  | < 5    | 180    | 0.5    | < 2    | 0.41 | 0.5    | 6      | 39     | 14     | 2.90 | < 10   | 1      | 0.08   | 20     | 0.39 | 189    |
| T27D - 691         | 201 238   | 15              | 1.20 | 0.2    | 5      | 130    | 0.5    | < 2    | 0.36 | < 0.5  | 6      | 42     | 17     | 3.02 | < 10   | < 1    | 0.08   | 20     | 0.37 | 185    |
| T27D - 692         | 201 238   | 5               | 1.26 | < 0.2  | 5      | 320    | 0.5    | < 2    | 0.54 | 0.5    | 17     | 41     | 35     | 2.57 | < 10   | 1      | 0.16   | 20     | 0.60 | 621    |
| T27D - 693         | 201 238   | < 5             | 1.35 | < 0.2  | < 5    | 200    | 0.5    | < 2    | 0.64 | < 0.5  | 13     | 40     | 24     | 2.21 | < 10   | < 1    | 0.03   | 20     | 0.52 | 235    |
| T27D - 694         | 201 238   | < 5             | 1.46 | < 0.2  | < 5    | 150    | 0.5    | < 2    | 0.50 | < 0.5  | 14     | 40     | 10     | 2.45 | < 10   | < 1    | 0.08   | 10     | 0.45 | 316    |
| T27D - 695         | 201 238   | < 5             | 1.53 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 0.38 | 0.5    | 9      | 41     | 11     | 2.76 | < 10   | < 1    | 0.05   | 20     | 0.45 | 195    |
| T27D - 696         | 201 238   | < 5             | 1.76 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 0.37 | < 0.5  | 12     | 49     | 17     | 3.23 | < 10   | 1      | 0.05   | 10     | 0.51 | 242    |
| T27D - 697         | 201 238   | < 5             | 1.50 | 0.4    | < 5    | 460    | < 0.5  | < 2    | 2.05 | 0.5    | 18     | 42     | 45     | 3.35 | < 10   | < 1    | 0.23   | 10     | 0.99 | 530    |
| T27D - 698         | 201 238   | < 5             | 1.33 | 0.2    | < 5    | 210    | < 0.5  | < 2    | 0.30 | 0.5    | 16     | 39     | 25     | 2.83 | < 10   | < 1    | 0.15   | 30     | 0.51 | 343    |
| T27D - 699         | 201 238   | < 5             | 1.18 | 0.2    | 5      | 280    | < 0.5  | < 2    | 0.38 | < 0.5  | 14     | 37     | 32     | 2.90 | < 10   | < 1    | 0.11   | 20     | 0.44 | 341    |
| T27D - 700         | 201 238   | < 5             | 1.28 | < 0.2  | 5      | 360    | < 0.5  | < 2    | 0.36 | 0.5    | 15     | 43     | 33     | 2.86 | < 10   | < 1    | 0.12   | 20     | 0.58 | 320    |
| T27D - 701         | 201 238   | < 5             | 1.29 | < 0.2  | 5      | 370    | < 0.5  | < 2    | 0.32 | 0.5    | 15     | 42     | 30     | 2.72 | < 10   | < 1    | 0.12   | 20     | 0.53 | 292    |
| T27D - 702         | 201 238   | < 5             | 1.12 | < 0.2  | 5      | 280    | < 0.5  | < 2    | 0.65 | < 0.5  | 15     | 39     | 24     | 2.51 | < 10   | < 1    | 0.07   | 20     | 0.55 | 449    |
| T27D - 703         | 203 238   | < 5             | 0.50 | 0.2    | < 5    | 350    | < 0.5  | < 2    | 3.18 | 0.5    | 7      | 29     | 26     | 0.96 | < 10   | < 1    | 0.04   | < 10   | 0.39 | 354    |
| T27D - 704         | 203 238   | < 5             | 0.32 | 0.2    | < 5    | 340    | < 0.5  | < 2    | 4.87 | 0.5    | < 1    | 15     | 45     | 0.29 | < 10   | < 1    | < 0.01 | < 10   | 0.31 | 50     |
| T27D - 705         | 203 238   | < 5             | 0.14 | 0.2    | < 5    | 520    | < 0.5  | < 2    | 4.53 | 0.5    | 7      | 7      | 20     | 0.39 | < 10   | < 1    | 0.01   | < 10   | 0.30 | 2520   |
| T27D - 706         | 201 238   | < 5             | 1.43 | 0.2    | < 5    | 240    | < 0.5  | < 2    | 1.75 | 1.0    | 10     | 35     | 20     | 2.17 | < 10   | < 1    | 0.04   | < 10   | 0.43 | 470    |
| T27D - 707         | 201 238   | < 5             | 1.92 | 0.2    | < 5    | 190    | < 0.5  | < 2    | 0.61 | 0.5    | 16     | 64     | 22     | 3.06 | < 10   | < 1    | 0.10   | 20     | 0.77 | 430    |
| T27D - 708         | 201 238   | < 5             | 1.36 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 0.53 | 0.5    | 9      | 42     | 10     | 2.16 | < 10   | < 1    | 0.06   | 10     | 0.52 | 233    |
| T27D - 709         | 201 238   | < 5             | 1.47 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.48 | < 0.5  | 10     | 45     | 12     | 2.48 | < 10   | < 1    | 0.07   | 20     | 0.52 | 449    |
| T27D - 710         | 201 238   | < 5             | 1.33 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.43 | 0.5    | 6      | 41     | 9      | 2.65 | < 10   | < 1    | 0.04   | 10     | 0.34 | 163    |
| T27D - 711         | 201 238   | < 5             | 1.11 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.45 | 0.5    | 7      | 33     | 7      | 2.05 | < 10   | < 1    | 0.04   | 10     | 0.24 | 118    |
| T27D - 712         | 203 238   | < 5             | 0.68 | 0.4    | 5      | 310    | < 0.5  | < 2    | 3.15 | 0.5    | 7      | 29     | 79     | 0.89 | < 10   | < 1    | 0.02   | < 10   | 0.21 | 323    |
| T27D - 713         | 203 238   | < 5             | 2.02 | 0.2    | < 5    | 370    | < 0.5  | < 2    | 1.37 | 0.5    | 15     | 97     | 62     | 2.85 | < 10   | 2      | 0.15   | 10     | 0.74 | 669    |
| T27D - 714         | 201 238   | 150             | 1.59 | < 0.2  | 5      | 90     | < 0.5  | < 2    | 0.44 | 0.5    | 13     | 55     | 20     | 3.13 | < 10   | < 1    | 0.04   | 10     | 0.63 | 261    |
| T27D - 715         | 201 238   | < 5             | 1.14 | 0.2    | < 5    | 90     | < 0.5  | < 2    | 0.49 | < 0.5  | 7      | 31     | 5      | 1.73 | 10     | < 1    | 0.03   | 10     | 0.26 | 130    |
| T27D - 716         | 201 238   | 15              | 1.56 | 0.2    | < 5    | 100    | < 0.5  | < 2    | 0.56 | 0.5    | 11     | 48     | 16     | 3.21 | < 10   | < 1    | 0.05   | 10     | 0.56 | 222    |
| T27D - 717         | 201 238   | < 5             | 1.51 | 0.4    | < 5    | 210    | < 0.5  | < 2    | 1.38 | 0.5    | 9      | 38     | 37     | 1.90 | < 10   | 1      | 0.03   | 10     | 0.38 | 473    |
| T27D - 718         | 203 238   | < 5             | 0.86 | 0.2    | 5      | 250    | < 0.5  | < 2    | 2.84 | 0.5    | 8      | 44     | 137    | 1.09 | < 10   | < 1    | 0.02   | < 10   | 0.26 | 397    |
| T27D - 719         | 203 238   | < 5             | 1.11 | 0.2    | < 5    | 150    | < 0.5  | < 2    | 1.78 | < 0.5  | 9      | 80     | 31     | 1.73 | < 10   | < 1    | 0.05   | < 10   | 0.58 | 607    |
| T27D - 720         | 201 238   | < 5             | 1.76 | 0.2    | < 5    | 120    | < 0.5  | < 2    | 0.44 | 0.5    | 11     | 53     | 18     | 2.88 | < 10   | < 1    | 0.05   | 10     | 0.62 | 202    |
| T27D - 721         | 201 238   | < 5             | 1.13 | < 0.2  | < 5    | 80     | < 0.5  | < 2    | 0.32 | < 0.5  | 7      | 37     | 7      | 1.66 | 10     | < 1    | 0.04   | 10     | 0.35 | 137    |
| T27D - 722         | 201 238   | < 5             | 1.73 | 0.2    | 5      | 130    | < 0.5  | < 2    | 0.88 | 0.5    | 13     | 58     | 23     | 2.86 | < 10   | < 1    | 0.05   | 10     | 0.67 | 393    |
| T27D - 723         | 201 238   | < 5             | 0.78 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.36 | < 0.5  | 4      | 23     | 1      | 0.83 | < 10   | 1      | 0.03   | 10     | 0.11 | 96     |
| T27D - 724         | 201 238   | < 5             | 1.69 | 0.2    | < 5    | 140    | < 0.5  | < 2    | 0.60 | 0.5    | 12     | 52     | 20     | 3.17 | < 10   | < 1    | 0.10   | 10     | 0.60 | 323    |
| T27D - 725         | 201 238   | < 5             | 1.71 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.39 | 0.5    | 13     | 49     | 18     | 2.96 | 10     | < 1    | 0.08   | 10     | 0.51 | 403    |
| T27D - 726         | 201 238   | < 5             | 2.65 | 0.4    | < 5    | 150    | < 0.5  | < 2    | 0.62 | 0.5    | 20     | 54     | 53     | 3.43 | 10     | < 1    | 0.08   | 10     | 0.88 | 586    |
| T27D - 727         | 201 238   | < 5             | 1.61 | < 0.2  | 5      | 120    | < 0.5  | < 2    | 0.60 | < 0.5  | 17     | 49     | 41     | 2.67 | < 10   | < 1    | 0.06   | 10     | 0.55 | 909    |
| T27D - 728         | 201 238   | 70              | 1.55 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.62 | 0.5    | 14     | 47     | 11     | 2.97 | 10     | < 1    | 0.08   | 10     | 0.53 | 382    |
| T27D - 729         | 201 238   | 5               | 3.26 | 0.2    | 5      | 150    | < 0.5  | < 2    | 0.77 | 0.5    | 24     | 91     | 56     | 4.96 | 10     | < 1    | 0.05   | 10     | 1.42 | 539    |

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

CHEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG

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## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Mo<br>ppm | Na<br>% | Ni<br>ppm | P<br>ppm | Pb<br>ppm | Sb<br>ppm | Se<br>ppm | Sr<br>ppm | Ti<br>% | Tl<br>ppm | U<br>ppm | V<br>ppm | W<br>ppm | Zn<br>ppm |
|--------------------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|---------|-----------|----------|----------|----------|-----------|
| T27D - 690         | 201 238   | < 1       | < 0.01  | 22        | 700      | 6         | < 5       | < 10      | 33        | 0.10    | < 10      | < 10     | 67       | < 5      | 72        |
| T27D - 691         | 201 238   | < 1       | < 0.01  | 26        | 830      | 6         | < 5       | < 10      | 29        | 0.08    | < 10      | < 10     | 64       | < 5      | 57        |
| T27D - 692         | 201 238   | < 1       | < 0.01  | 31        | 690      | 4         | < 5       | < 10      | 33        | 0.09    | < 10      | < 10     | 52       | < 5      | 69        |
| T27D - 693         | 201 238   | < 1       | < 0.01  | 26        | 350      | 6         | < 5       | < 10      | 33        | 0.15    | < 10      | < 10     | 65       | < 5      | 29        |
| T27D - 694         | 201 238   | < 1       | < 0.01  | 23        | 430      | 2         | < 5       | < 10      | 37        | 0.10    | < 10      | < 10     | 65       | < 5      | 44        |
| T27D - 695         | 201 238   | < 1       | < 0.01  | 20        | 450      | 4         | < 5       | < 10      | 32        | 0.10    | < 10      | < 10     | 66       | < 5      | 50        |
| T27D - 696         | 201 238   | < 1       | < 0.01  | 28        | 1100     | 6         | < 5       | < 10      | 33        | 0.10    | < 10      | < 10     | 72       | < 5      | 60        |
| T27D - 697         | 201 238   | < 1       | < 0.01  | 45        | 730      | 16        | < 5       | 10        | 74        | 0.03    | < 10      | < 10     | 38       | < 5      | 93        |
| T27D - 698         | 201 238   | < 1       | < 0.01  | 40        | 450      | 14        | < 5       | < 10      | 19        | 0.05    | < 10      | < 10     | 43       | < 5      | 78        |
| T27D - 699         | 201 238   | < 1       | < 0.01  | 31        | 710      | 6         | < 5       | < 10      | 30        | 0.06    | < 10      | < 10     | 51       | < 5      | 77        |
| T27D - 700         | 201 238   | < 1       | < 0.01  | 32        | 480      | 10        | < 5       | < 10      | 27        | 0.05    | < 10      | < 10     | 49       | < 5      | 85        |
| T27D - 701         | 201 238   | < 1       | < 0.01  | 30        | 430      | 8         | < 5       | < 10      | 26        | 0.05    | < 10      | < 10     | 48       | < 5      | 89        |
| T27D - 702         | 201 238   | < 1       | < 0.01  | 32        | 550      | 8         | < 5       | < 10      | 45        | 0.08    | < 10      | < 10     | 46       | < 5      | 46        |
| T27D - 703         | 203 238   | < 1       | < 0.01  | 20        | 790      | < 2       | < 5       | < 10      | 187       | 0.02    | < 10      | < 10     | 15       | < 5      | 20        |
| T27D - 704         | 203 238   | < 1       | < 0.01  | 24        | 510      | < 2       | < 5       | < 10      | 252       | < 0.01  | < 10      | < 10     | 3        | < 5      | 7         |
| T27D - 705         | 203 238   | < 1       | < 0.01  | 15        | 1010     | 4         | < 5       | 10        | 254       | < 0.01  | < 10      | < 10     | 3        | < 5      | 7         |
| T27D - 706         | 201 238   | < 1       | < 0.01  | 21        | 610      | 4         | < 5       | < 10      | 128       | 0.06    | < 10      | < 10     | 48       | < 5      | 49        |
| T27D - 707         | 201 238   | < 1       | < 0.01  | 39        | 340      | 14        | < 5       | 10        | 46        | 0.11    | < 10      | < 10     | 70       | < 5      | 65        |
| T27D - 708         | 201 238   | < 1       | < 0.01  | 23        | 360      | < 2       | < 5       | < 10      | 34        | 0.11    | < 10      | < 10     | 63       | < 5      | 45        |
| T27D - 709         | 201 238   | < 1       | < 0.01  | 27        | 570      | 4         | < 5       | < 10      | 31        | 0.10    | < 10      | < 10     | 62       | < 5      | 48        |
| T27D - 710         | 201 238   | < 1       | < 0.01  | 16        | 680      | < 2       | < 5       | < 10      | 27        | 0.10    | < 10      | < 10     | 70       | < 5      | 47        |
| T27D - 711         | 201 238   | < 1       | < 0.01  | 10        | 170      | 2         | < 5       | < 10      | 36        | 0.11    | < 10      | < 10     | 72       | < 5      | 42        |
| T27D - 712         | 203 238   | < 1       | < 0.01  | 49        | 1100     | < 2       | < 5       | < 10      | 216       | 0.01    | < 10      | < 10     | 14       | < 5      | 9         |
| T27D - 713         | 203 238   | < 1       | < 0.01  | 64        | 790      | 10        | < 5       | < 10      | 84        | 0.08    | < 10      | < 10     | 64       | < 5      | 55        |
| T27D - 714         | 201 238   | < 1       | < 0.01  | 36        | 750      | < 2       | < 5       | < 10      | 26        | 0.11    | < 10      | < 10     | 69       | < 5      | 57        |
| T27D - 715         | 201 238   | < 1       | < 0.01  | 11        | 260      | < 2       | < 5       | < 10      | 31        | 0.14    | < 10      | < 10     | 72       | < 5      | 29        |
| T27D - 716         | 201 238   | < 1       | < 0.01  | 24        | 1020     | < 2       | < 5       | < 10      | 35        | 0.12    | < 10      | < 10     | 90       | < 5      | 40        |
| T27D - 717         | 201 238   | < 1       | < 0.01  | 18        | 610      | 2         | < 5       | < 10      | 96        | 0.08    | < 10      | < 10     | 56       | < 5      | 42        |
| T27D - 718         | 203 238   | < 1       | < 0.01  | 57        | 1090     | < 2       | < 5       | < 10      | 125       | 0.02    | < 10      | < 10     | 20       | < 5      | 17        |
| T27D - 719         | 203 238   | < 1       | < 0.01  | 25        | 780      | < 2       | < 5       | < 10      | 66        | 0.07    | < 10      | < 10     | 45       | < 5      | 30        |
| T27D - 720         | 201 238   | < 1       | < 0.01  | 31        | 460      | 10        | < 5       | < 10      | 37        | 0.13    | < 10      | < 10     | 82       | < 5      | 48        |
| T27D - 721         | 201 238   | < 1       | < 0.01  | 12        | 250      | 4         | < 5       | < 10      | 36        | 0.11    | < 10      | < 10     | 63       | < 5      | 34        |
| T27D - 722         | 201 238   | < 1       | < 0.01  | 29        | 400      | 4         | < 5       | < 10      | 55        | 0.12    | < 10      | < 10     | 86       | < 5      | 49        |
| T27D - 723         | 201 238   | < 1       | < 0.01  | 1         | 200      | 4         | < 5       | < 10      | 35        | 0.10    | < 10      | < 10     | 38       | < 5      | 25        |
| T27D - 724         | 201 238   | < 1       | < 0.01  | 28        | 860      | 2         | < 5       | 10        | 53        | 0.12    | < 10      | < 10     | 86       | < 5      | 71        |
| T27D - 725         | 201 238   | < 1       | < 0.01  | 25        | 1220     | 2         | < 5       | < 10      | 37        | 0.10    | < 10      | < 10     | 79       | < 5      | 77        |
| T27D - 726         | 201 238   | < 1       | < 0.01  | 41        | 750      | 2         | < 5       | < 10      | 47        | 0.15    | < 10      | < 10     | 102      | < 5      | 60        |
| T27D - 727         | 201 238   | < 1       | < 0.01  | 30        | 420      | 4         | < 5       | < 10      | 45        | 0.11    | < 10      | < 10     | 78       | < 5      | 52        |
| T27D - 728         | 201 238   | < 1       | < 0.01  | 22        | 560      | < 2       | < 5       | < 10      | 29        | 0.14    | < 10      | < 10     | 90       | < 5      | 52        |
| T27D - 729         | 201 238   | < 1       | < 0.01  | 49        | 410      | 14        | < 5       | 10        | 39        | 0.09    | < 10      | < 10     | 152      | < 5      | 55        |

CERTIFICATION :



# Chemex Labs Ltd.

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

HEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project: M543-DOG  
 Comments: CC: S. MCALLISTER

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 P.O. #: 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|--------|--------|-------|--------|
| T27D - 730         | 201 238   | < 5             | 2.24 | 0.2    | < 5    | 240    | < 0.5  | < 2    | 0.77 | 0.5    | 21     | 67     | 95     | 3.57 | < 10   | < 1    | 0.06   | 20     | 0.80  | 1290   |
| T27D - 731         | 201 238   | < 5             | 2.36 | 0.2    | 15     | 240    | < 0.5  | < 2    | 0.81 | 0.5    | 22     | 70     | 110    | 3.78 | < 10   | < 1    | 0.06   | 20     | 0.80  | 1515   |
| T27D - 732         | 201 238   | < 5             | 1.65 | 0.4    | < 5    | 150    | < 0.5  | < 2    | 1.80 | 0.5    | 28     | 163    | 63     | 2.81 | < 10   | < 1    | 0.04   | < 10   | 1.72  | 677    |
| T27D - 733         | 201 238   | < 5             | 1.65 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.55 | < 0.5  | 16     | 95     | 14     | 2.90 | 10     | < 1    | 0.03   | 10     | 0.91  | 313    |
| T27D - 734         | 201 238   | < 5             | 1.57 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.56 | < 0.5  | 14     | 59     | 14     | 2.56 | < 10   | 1      | 0.03   | 10     | 0.65  | 331    |
| T27D - 735         | 201 238   | < 5             | 1.43 | 0.2    | < 5    | 110    | < 0.5  | < 2    | 0.56 | < 0.5  | 16     | 96     | 8      | 2.36 | 10     | 1      | 0.04   | 10     | 0.65  | 341    |
| T27D - 736         | 201 238   | < 5             | 1.87 | 0.2    | < 5    | 150    | < 0.5  | < 2    | 0.58 | 0.5    | 20     | 125    | 12     | 2.63 | 10     | < 1    | 0.04   | 10     | 0.80  | 384    |
| T27D - 737         | 201 238   | < 5             | 1.94 | 0.2    | < 5    | 110    | < 0.5  | < 2    | 0.55 | < 0.5  | 22     | 145    | 19     | 2.94 | < 10   | 2      | 0.03   | 10     | 1.05  | 410    |
| T27D - 738         | 201 238   | < 5             | 2.31 | 0.4    | < 5    | 180    | < 0.5  | < 2    | 0.92 | 0.5    | 42     | 335    | 28     | 4.01 | < 10   | < 1    | 0.02   | 10     | 2.72  | 540    |
| T27D - 739         | 201 238   | 5               | 2.07 | 0.2    | < 5    | 180    | < 0.5  | < 2    | 0.58 | 0.5    | 26     | 178    | 49     | 3.54 | < 10   | < 1    | 0.05   | 10     | 1.04  | 881    |
| T27D - 740         | 201 238   | < 5             | 1.03 | 0.4    | < 5    | 60     | < 0.5  | < 2    | 0.36 | < 0.5  | 112    | 931    | 14     | 3.84 | < 10   | < 1    | < 0.01 | < 10   | 10.05 | 1175   |
| T27D - 741         | 201 238   | < 5             | 1.73 | 0.2    | 5      | 90     | < 0.5  | < 2    | 0.62 | < 0.5  | 32     | 355    | 9      | 3.49 | < 10   | < 1    | < 0.01 | 10     | 2.26  | 287    |
| T27D - 742         | 201 238   | < 5             | 1.62 | < 0.2  | 15     | 120    | < 0.5  | < 2    | 0.61 | < 0.5  | 28     | 241    | 20     | 3.32 | < 10   | < 1    | 0.02   | 10     | 1.51  | 340    |
| T27D - 743         | 201 238   | 5               | 1.34 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.56 | < 0.5  | 15     | 106    | 7      | 2.18 | < 10   | < 1    | 0.01   | 10     | 0.77  | 202    |
| T27D - 744         | 201 238   | < 5             | 1.40 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.42 | 0.5    | 49     | 438    | 18     | 3.89 | < 10   | 1      | 0.03   | < 10   | 3.59  | 797    |
| T27D - 745         | 201 238   | < 5             | 1.40 | 0.4    | < 5    | 70     | < 0.5  | < 2    | 0.56 | < 0.5  | 40     | 419    | 12     | 3.41 | < 10   | < 1    | 0.02   | 10     | 4.35  | 383    |
| T27D - 746         | 201 238   | < 5             | 1.56 | 0.2    | < 5    | 120    | < 0.5  | < 2    | 0.73 | < 0.5  | 24     | 144    | 11     | 2.67 | < 10   | < 1    | 0.04   | 10     | 0.96  | 352    |
| T27D - 747         | 201 238   | < 5             | 1.42 | 0.2    | < 5    | 150    | < 0.5  | < 2    | 0.72 | < 0.5  | 22     | 129    | 16     | 2.56 | < 10   | < 1    | 0.07   | 10     | 1.04  | 532    |
| T27D - 748         | 201 238   | < 5             | 2.03 | 0.2    | 5      | 240    | < 0.5  | < 2    | 0.66 | < 0.5  | 32     | 202    | 46     | 3.14 | < 10   | < 1    | 0.10   | 10     | 1.49  | 826    |
| T27D - 749         | 201 238   | < 5             | 1.50 | 0.2    | 5      | 110    | < 0.5  | < 2    | 0.59 | < 0.5  | 20     | 95     | 29     | 2.85 | < 10   | < 1    | 0.11   | 20     | 1.04  | 357    |
| T27D - 750         | 201 238   | < 5             | 2.84 | < 0.2  | < 5    | 200    | < 0.5  | < 2    | 0.81 | 0.5    | 34     | 201    | 74     | 3.69 | < 10   | < 1    | 0.12   | 10     | 1.62  | 651    |
| T27D - 751         | 201 238   | < 5             | 1.57 | 0.2    | < 5    | 140    | < 0.5  | < 2    | 0.65 | < 0.5  | 19     | 81     | 23     | 2.65 | < 10   | < 1    | 0.10   | 10     | 0.86  | 372    |
| T27D - 752         | 201 238   | 50              | 1.83 | 0.2    | 5      | 170    | < 0.5  | < 2    | 0.59 | < 0.5  | 21     | 97     | 16     | 2.94 | < 10   | < 1    | 0.08   | 20     | 1.00  | 461    |
| T27D - 753         | 201 238   | 40              | 1.67 | 0.4    | < 5    | 130    | < 0.5  | < 2    | 0.71 | < 0.5  | 23     | 109    | 25     | 2.86 | < 10   | < 1    | 0.11   | 20     | 1.10  | 390    |
| T27D - 754         | 201 238   | 5               | 2.57 | 0.4    | < 5    | 220    | < 0.5  | < 2    | 0.95 | 0.5    | 65     | 356    | 45     | 5.75 | 10     | < 1    | 0.09   | 10     | 2.53  | 909    |
| T27D - 755         | 201 238   | < 5             | 3.03 | 0.2    | 5      | 280    | < 0.5  | < 2    | 1.21 | < 0.5  | 35     | 154    | 86     | 4.21 | < 10   | < 1    | 0.09   | 10     | 2.21  | 596    |
| T27D - 756         | 201 238   | 5               | 2.82 | 0.4    | < 5    | 240    | < 0.5  | < 2    | 0.94 | 0.5    | 33     | 144    | 93     | 4.23 | < 10   | < 1    | 0.10   | 10     | 1.96  | 558    |
| T27D - 757         | 201 238   | < 5             | 2.05 | < 0.2  | 5      | 230    | < 0.5  | < 2    | 0.68 | < 0.5  | 23     | 89     | 25     | 2.87 | < 10   | 1      | 0.11   | 10     | 1.09  | 470    |
| T27D - 758         | 201 238   | < 5             | 1.87 | 0.2    | 10     | 130    | < 0.5  | < 2    | 0.56 | < 0.5  | 37     | 170    | 31     | 3.50 | < 10   | < 1    | 0.05   | 10     | 1.88  | 438    |
| T27D - 759         | 201 238   | < 5             | 1.56 | 0.2    | 5      | 110    | < 0.5  | < 2    | 0.64 | < 0.5  | 24     | 120    | 22     | 2.81 | < 10   | < 1    | 0.08   | 10     | 1.37  | 306    |
| T27D - 760         | 201 238   | < 5             | 2.83 | 0.4    | < 5    | 120    | < 0.5  | < 2    | 1.14 | 0.5    | 72     | 528    | 63     | 4.91 | < 10   | 2      | 0.04   | < 10   | 3.76  | 836    |
| T27D - 761         | 201 238   | 105             | 2.81 | 0.4    | < 5    | 120    | < 0.5  | < 2    | 1.16 | 0.5    | 72     | 516    | 62     | 4.77 | < 10   | < 1    | 0.04   | < 10   | 3.66  | 816    |
| T27D - 762         | 201 238   | < 5             | 2.25 | 0.2    | 15     | 20     | < 0.5  | < 2    | 0.70 | < 0.5  | 110    | 1015   | 37     | 5.11 | < 10   | < 1    | < 0.01 | < 10   | 9.18  | 895    |
| T27D - 763         | 201 238   | < 5             | 3.45 | 0.2    | < 5    | 150    | < 0.5  | < 2    | 1.57 | 0.5    | 57     | 521    | 59     | 4.52 | < 10   | < 1    | 0.02   | < 10   | 4.76  | 898    |
| T27D - 764         | 201 238   | < 5             | 1.53 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.65 | < 0.5  | 19     | 110    | 11     | 2.30 | < 10   | < 1    | 0.04   | 10     | 0.93  | 260    |
| T27D - 765         | 201 238   | < 5             | 1.79 | 0.2    | 10     | 170    | < 0.5  | < 2    | 0.63 | < 0.5  | 22     | 127    | 21     | 2.86 | < 10   | < 1    | 0.06   | 20     | 1.28  | 274    |
| T27D - 766         | 201 238   | < 5             | 1.67 | 0.2    | < 5    | 120    | < 0.5  | < 2    | 0.70 | < 0.5  | 24     | 151    | 13     | 2.86 | < 10   | < 1    | 0.05   | 10     | 1.24  | 408    |
| T27D - 767         | 201 238   | < 5             | 1.54 | 0.2    | 5      | 90     | < 0.5  | < 2    | 0.68 | < 0.5  | 18     | 129    | 11     | 2.70 | < 10   | < 1    | 0.04   | 10     | 1.12  | 271    |
| T27D - 768         | 201 238   | < 5             | 1.70 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.66 | < 0.5  | 22     | 140    | 18     | 2.93 | < 10   | < 1    | 0.05   | 10     | 1.24  | 308    |
| T27D - 769         | 201 238   | < 5             | 1.43 | 0.2    | < 5    | 130    | < 0.5  | < 2    | 0.66 | 0.5    | 19     | 98     | 6      | 2.23 | < 10   | 1      | 0.08   | 10     | 0.73  | 446    |

CERTIFICATION :



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BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

HEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543-DOG

Comments: CC: S. MCALLISTER

Page No. -B  
Tot. Pages: 6  
Date : 8-SEP-87  
Invoice # : I-8720929  
P.O. # : 36859/60

## CERTIFICATE OF ANALYSIS A8720929

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| T27D - 730         | 201 238   | < 1    | 0.01   | 72     | 390   | 6      | < 5    | < 10   | 39     | 0.12 | < 10   | < 10  | 97    | < 5   | 58     |
| T27D - 731         | 201 238   | < 1    | 0.01   | 77     | 410   | 4      | < 5    | < 10   | 39     | 0.13 | < 10   | < 10  | 101   | < 5   | 63     |
| T27D - 732         | 201 238   | < 1    | 0.01   | 382    | 940   | 4      | < 5    | < 10   | 60     | 0.07 | < 10   | < 10  | 64    | < 5   | 39     |
| T27D - 733         | 201 238   | < 1    | 0.01   | 74     | 360   | 4      | < 5    | < 10   | 32     | 0.14 | < 10   | < 10  | 92    | < 5   | 52     |
| T27D - 734         | 201 238   | < 1    | < 0.01 | 55     | 590   | 4      | < 5    | < 10   | 33     | 0.12 | < 10   | < 10  | 82    | < 5   | 48     |
| T27D - 735         | 201 238   | < 1    | < 0.01 | 52     | 540   | 4      | < 5    | < 10   | 29     | 0.13 | < 10   | < 10  | 70    | < 5   | 61     |
| T27D - 736         | 201 238   | < 1    | < 0.01 | 155    | 430   | 4      | < 5    | < 10   | 35     | 0.12 | < 10   | < 10  | 84    | < 5   | 99     |
| T27D - 737         | 201 238   | < 1    | < 0.01 | 252    | 310   | < 2    | < 5    | < 10   | 38     | 0.12 | < 10   | < 10  | 91    | < 5   | 63     |
| T27D - 738         | 201 238   | < 1    | 0.01   | 268    | 620   | 4      | < 5    | < 10   | 38     | 0.11 | < 10   | < 10  | 100   | < 5   | 45     |
| T27D - 739         | 201 238   | < 1    | < 0.01 | 525    | 240   | 6      | < 5    | < 10   | 34     | 0.12 | < 10   | < 10  | 90    | < 5   | 67     |
| T27D - 740         | 201 238   | < 1    | < 0.01 | 883    | 240   | 10     | < 5    | < 10   | 15     | 0.04 | < 10   | < 10  | 51    | < 5   | 36     |
| T27D - 741         | 201 238   | < 1    | < 0.01 | 179    | 230   | 4      | < 5    | < 10   | 25     | 0.11 | < 10   | < 10  | 77    | < 5   | 33     |
| T27D - 742         | 201 238   | < 1    | < 0.01 | 153    | 550   | 4      | < 5    | < 10   | 28     | 0.10 | < 10   | < 10  | 74    | < 5   | 38     |
| T27D - 743         | 201 238   | < 1    | < 0.01 | 56     | 340   | < 2    | < 5    | < 10   | 24     | 0.11 | < 10   | < 10  | 62    | < 5   | 37     |
| T27D - 744         | 201 238   | < 1    | < 0.01 | 307    | 450   | 6      | < 5    | 10     | 23     | 0.08 | < 10   | < 10  | 67    | < 5   | 41     |
| T27D - 745         | 201 238   | < 1    | < 0.01 | 309    | 300   | 8      | < 5    | < 10   | 22     | 0.08 | < 10   | < 10  | 58    | < 5   | 30     |
| T27D - 746         | 201 238   | < 1    | < 0.01 | 108    | 780   | < 2    | < 5    | < 10   | 29     | 0.10 | < 10   | < 10  | 66    | < 5   | 37     |
| T27D - 747         | 201 238   | < 1    | < 0.01 | 84     | 1030  | 6      | < 5    | 10     | 32     | 0.08 | < 10   | < 10  | 60    | < 5   | 36     |
| T27D - 748         | 201 238   | < 1    | < 0.01 | 137    | 280   | 6      | < 5    | < 10   | 38     | 0.09 | < 10   | < 10  | 76    | < 5   | 38     |
| T27D - 749         | 201 238   | < 1    | < 0.01 | 83     | 400   | < 2    | < 5    | < 10   | 30     | 0.10 | < 10   | < 10  | 65    | < 5   | 41     |
| T27D - 750         | 201 238   | < 1    | < 0.01 | 150    | 380   | 4      | < 5    | < 10   | 31     | 0.09 | < 10   | < 10  | 80    | < 5   | 50     |
| T27D - 751         | 201 238   | < 1    | < 0.01 | 61     | 420   | < 2    | < 5    | < 10   | 29     | 0.11 | < 10   | < 10  | 68    | < 5   | 40     |
| T27D - 752         | 201 238   | < 1    | < 0.01 | 82     | 930   | 6      | < 5    | < 10   | 27     | 0.09 | < 10   | < 10  | 69    | < 5   | 60     |
| T27D - 753         | 201 238   | < 1    | 0.01   | 86     | 850   | < 2    | < 5    | < 10   | 34     | 0.10 | < 10   | < 10  | 70    | < 5   | 49     |
| T27D - 754         | 201 238   | < 1    | 0.01   | 527    | 400   | 2      | < 5    | 10     | 32     | 0.12 | < 10   | < 10  | 114   | < 5   | 47     |
| T27D - 755         | 201 238   | < 1    | 0.01   | 94     | 300   | < 2    | < 5    | 10     | 38     | 0.11 | < 10   | < 10  | 120   | < 5   | 47     |
| T27D - 756         | 201 238   | < 1    | 0.01   | 85     | 280   | 2      | < 5    | < 10   | 33     | 0.10 | < 10   | < 10  | 117   | < 5   | 49     |
| T27D - 757         | 201 238   | < 1    | < 0.01 | 53     | 530   | < 2    | < 5    | < 10   | 25     | 0.09 | < 10   | < 10  | 78    | < 5   | 55     |
| T27D - 758         | 201 238   | < 1    | < 0.01 | 186    | 210   | < 2    | < 5    | < 10   | 25     | 0.11 | < 10   | < 10  | 77    | < 5   | 44     |
| T27D - 759         | 201 238   | < 1    | < 0.01 | 108    | 310   | < 2    | < 5    | < 10   | 26     | 0.11 | < 10   | < 10  | 68    | < 5   | 35     |
| T27D - 760         | 201 238   | < 1    | < 0.01 | 331    | 420   | 2      | < 5    | < 10   | 20     | 0.12 | < 10   | < 10  | 97    | < 5   | 44     |
| T27D - 761         | 201 238   | < 1    | < 0.01 | 320    | 410   | < 2    | < 5    | < 10   | 21     | 0.12 | < 10   | < 10  | 96    | < 5   | 44     |
| T27D - 762         | 201 238   | < 1    | < 0.01 | 484    | 90    | 18     | < 5    | < 10   | 4      | 0.05 | < 10   | < 10  | 61    | < 5   | 27     |
| T27D - 763         | 201 238   | < 1    | < 0.01 | 306    | 190   | 8      | < 5    | < 10   | 28     | 0.13 | < 10   | < 10  | 99    | < 5   | 35     |
| T27D - 764         | 201 238   | < 1    | < 0.01 | 98     | 540   | 4      | < 5    | 10     | 30     | 0.11 | < 10   | < 10  | 61    | < 5   | 36     |
| T27D - 765         | 201 238   | < 1    | < 0.01 | 125    | 410   | < 2    | < 5    | < 10   | 30     | 0.11 | < 10   | < 10  | 75    | < 5   | 38     |
| T27D - 766         | 201 238   | < 1    | < 0.01 | 110    | 490   | 8      | < 5    | < 10   | 26     | 0.12 | < 10   | < 10  | 71    | < 5   | 37     |
| T27D - 767         | 201 238   | < 1    | < 0.01 | 95     | 540   | 6      | < 5    | < 10   | 27     | 0.10 | < 10   | < 10  | 68    | < 5   | 36     |
| T27D - 768         | 201 238   | < 1    | < 0.01 | 118    | 380   | 4      | < 5    | < 10   | 28     | 0.11 | < 10   | < 10  | 74    | < 5   | 37     |
| T27D - 769         | 201 238   | < 1    | < 0.01 | 59     | 460   | < 2    | < 5    | < 10   | 29     | 0.12 | < 10   | < 10  | 59    | < 5   | 44     |

CERTIFICATION :



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

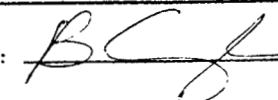
TO: CHEVRON CANADA RESOURCES LTD.  
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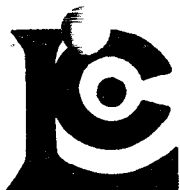
Project: M543 - DOG  
 Comments: CC: S. MCALLISTER

Page No. : 1-A  
 Tot. Pages: 5  
 Date : 9-SEP-87  
 Invoice #: I-8720930  
 P.O. #: 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| T27D 770           | 201 238   | < 5             | 1.55 | 0.2    | < 5    | 90     | < 0.5  | < 2    | 0.72 | < 0.5  | 18     | 113    | 6      | 2.50 | < 10   | < 1    | 0.05 | 10     | 0.91 | 276    |
| T27D 771           | 201 238   | < 5             | 1.52 | 0.2    | < 5    | 90     | < 0.5  | < 2    | 0.68 | 0.5    | 19     | 119    | 10     | 2.53 | < 10   | < 1    | 0.05 | 10     | 1.03 | 283    |
| T27D 772           | 201 238   | < 5             | 1.17 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.46 | < 0.5  | 14     | 60     | 10     | 2.03 | < 10   | < 1    | 0.04 | 10     | 0.52 | 424    |
| T27D 773           | 201 238   | < 5             | 1.99 | 0.2    | < 5    | 120    | < 0.5  | < 2    | 0.49 | 0.5    | 17     | 86     | 23     | 3.57 | 10     | < 1    | 0.05 | 10     | 0.79 | 356    |
| T27D 774           | 201 238   | < 5             | 1.60 | 0.2    | < 5    | 120    | < 0.5  | < 2    | 0.57 | 0.5    | 15     | 77     | 15     | 2.54 | < 10   | < 1    | 0.06 | 10     | 0.67 | 258    |
| T27D 775           | 201 238   | < 5             | 1.70 | 0.4    | 5      | 120    | < 0.5  | < 2    | 0.76 | < 0.5  | 18     | 108    | 12     | 2.49 | < 10   | < 1    | 0.07 | 10     | 0.86 | 259    |
| T27D 776           | 201 238   | < 5             | 1.54 | 0.4    | < 5    | 150    | < 0.5  | < 2    | 0.89 | 0.5    | 13     | 71     | 19     | 2.28 | < 10   | < 1    | 0.10 | 20     | 0.53 | 235    |
| T27D 777           | 201 238   | 80              | 1.71 | 0.4    | 5      | 140    | < 0.5  | < 2    | 0.71 | < 0.5  | 17     | 94     | 11     | 2.45 | < 10   | < 1    | 0.08 | 10     | 0.79 | 256    |
| T27D 778           | 201 238   | < 5             | 1.41 | 0.2    | 5      | 110    | < 0.5  | < 2    | 0.65 | < 0.5  | 16     | 86     | 9      | 2.24 | < 10   | < 1    | 0.07 | 10     | 0.65 | 349    |
| T27D 779           | 201 238   | < 5             | 1.68 | 0.2    | 5      | 120    | < 0.5  | < 2    | 0.85 | 0.5    | 18     | 108    | 16     | 2.63 | < 10   | < 1    | 0.08 | 20     | 0.94 | 231    |
| T27D 780           | 201 238   | < 5             | 1.67 | 0.2    | < 5    | 150    | < 0.5  | < 2    | 0.45 | 0.5    | 13     | 56     | 11     | 2.78 | < 10   | < 1    | 0.06 | 10     | 0.51 | 240    |
| T27D 781           | 201 238   | 15              | 1.25 | 0.4    | 5      | 210    | < 0.5  | < 2    | 0.93 | 1.5    | 14     | 57     | 18     | 2.25 | < 10   | < 1    | 0.11 | 10     | 0.41 | 575    |
| T27D 782           | 201 238   | < 5             | 1.00 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.42 | < 0.5  | 5      | 44     | 7      | 1.81 | < 10   | < 1    | 0.04 | 10     | 0.23 | 132    |
| T27D 783           | 201 238   | 20              | 1.19 | < 0.2  | 5      | 350    | < 0.5  | < 2    | 0.69 | 3.5    | 9      | 34     | 22     | 2.77 | < 10   | < 1    | 0.17 | 20     | 0.14 | 414    |
| T27D 784           | 201 238   | 5               | 1.13 | < 0.2  | 25     | 380    | < 0.5  | < 2    | 0.63 | 0.5    | 11     | 39     | 30     | 3.09 | < 10   | < 1    | 0.07 | 20     | 0.20 | 232    |
| T27D 785           | 201 238   | < 5             | 1.30 | < 0.2  | < 5    | 160    | < 0.5  | < 2    | 0.61 | < 0.5  | 9      | 49     | 11     | 1.99 | < 10   | < 1    | 0.06 | 10     | 0.39 | 182    |
| T27D 786           | 201 238   | < 5             | 1.41 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.66 | < 0.5  | 14     | 73     | 23     | 2.75 | < 10   | < 1    | 0.05 | 10     | 0.55 | 288    |
| T27D 787           | 201 238   | 30              | 1.10 | < 0.2  | 35     | 120    | < 0.5  | < 2    | 1.61 | < 0.5  | 11     | 37     | 68     | 2.40 | 10     | < 1    | 0.13 | 20     | 0.13 | 254    |
| T27D 788           | 201 238   | < 5             | 1.28 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.66 | < 0.5  | 12     | 55     | 18     | 2.24 | < 10   | < 1    | 0.06 | 20     | 0.49 | 227    |
| T27D 789           | 201 238   | < 5             | 1.12 | < 0.2  | 5      | 80     | < 0.5  | < 2    | 0.76 | < 0.5  | 8      | 42     | 23     | 2.04 | < 10   | < 1    | 0.05 | 20     | 0.32 | 147    |
| T27D 790           | 201 238   | < 5             | 0.73 | 0.8    | 15     | 90     | < 0.5  | 2      | 1.52 | < 0.5  | 6      | 20     | 23     | 2.20 | < 10   | < 1    | 0.13 | 20     | 0.11 | 308    |
| T27D 791           | 201 238   | < 5             | 0.60 | 1.0    | 10     | 70     | < 0.5  | < 2    | 1.26 | < 0.5  | 6      | 16     | 29     | 2.40 | < 10   | < 1    | 0.11 | 20     | 0.08 | 217    |
| T27D 792           | 201 238   | < 5             | 1.32 | < 0.2  | 10     | 110    | < 0.5  | < 2    | 0.83 | < 0.5  | 14     | 77     | 40     | 2.42 | < 10   | < 1    | 0.09 | 20     | 0.64 | 334    |
| T27D 793           | 201 238   | < 5             | 1.45 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.54 | < 0.5  | 14     | 66     | 21     | 2.93 | < 10   | < 1    | 0.06 | 10     | 0.47 | 298    |
| T27D 794           | 201 238   | < 5             | 0.96 | < 0.2  | < 5    | 80     | < 0.5  | 2      | 0.41 | < 0.5  | 9      | 41     | 8      | 2.01 | < 10   | < 1    | 0.05 | 20     | 0.27 | 559    |
| T27D 795           | 201 238   | < 5             | 1.21 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.49 | < 0.5  | 11     | 51     | 5      | 2.31 | < 10   | < 1    | 0.08 | 20     | 0.37 | 284    |
| T27D 796           | 201 238   | < 5             | 1.40 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 0.61 | < 0.5  | 14     | 55     | 12     | 2.43 | < 10   | < 1    | 0.10 | 20     | 0.51 | 527    |
| T27D 797           | 201 238   | < 5             | 1.68 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.61 | < 0.5  | 15     | 73     | 15     | 2.99 | < 10   | < 1    | 0.05 | 20     | 0.58 | 262    |
| T27D 798           | 201 238   | < 5             | 1.82 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.49 | < 0.5  | 13     | 67     | 17     | 3.10 | < 10   | < 1    | 0.07 | 20     | 0.58 | 329    |
| T27D 799           | 201 238   | < 5             | 1.71 | < 0.2  | < 5    | 160    | < 0.5  | < 2    | 1.00 | < 0.5  | 13     | 74     | 21     | 2.57 | < 10   | < 1    | 0.05 | 20     | 0.82 | 305    |
| T27D 800           | 201 238   | < 5             | 2.51 | < 0.2  | < 5    | 380    | < 0.5  | < 2    | 1.04 | 1.5    | 33     | 196    | 82     | 4.35 | < 10   | 1      | 0.11 | 20     | 1.19 | 1735   |
| T27D 801           | 201 238   | < 5             | 1.98 | < 0.2  | 55     | 2020   | < 0.5  | < 2    | 1.49 | < 0.5  | 46     | 167    | 82     | 5.67 | < 10   | 1      | 0.11 | 20     | 2.04 | >10000 |
| T27D 802           | 201 238   | < 5             | 1.64 | < 0.2  | < 5    | 110    | < 0.5  | 2      | 0.63 | < 0.5  | 14     | 73     | 19     | 2.89 | < 10   | < 1    | 0.12 | 20     | 0.68 | 270    |
| T27D 803           | 201 238   | < 5             | 2.33 | < 0.2  | < 5    | 360    | < 0.5  | < 2    | 0.83 | 1.0    | 25     | 126    | 71     | 3.93 | < 10   | < 1    | 0.12 | 20     | 0.97 | 1360   |
| T27D 804           | 201 238   | < 5             | 1.44 | < 0.2  | 5      | 130    | < 0.5  | < 2    | 0.52 | < 0.5  | 11     | 59     | 12     | 2.99 | < 10   | < 1    | 0.08 | 20     | 0.46 | 243    |
| T27D 805           | 201 238   | < 5             | 1.38 | < 0.2  | < 5    | 190    | < 0.5  | < 2    | 0.44 | < 0.5  | 11     | 41     | 7      | 2.33 | < 10   | < 1    | 0.08 | 20     | 0.38 | 205    |
| T27D 806           | 201 238   | 5               | 1.69 | < 0.2  | < 5    | 370    | < 0.5  | < 2    | 1.48 | 0.5    | 26     | 126    | 52     | 4.12 | < 10   | < 1    | 0.06 | 20     | 1.14 | 800    |
| T27D 807           | 201 238   | < 5             | 1.42 | 0.6    | 25     | 180    | < 0.5  | < 2    | 1.48 | 2.0    | 14     | 82     | 43     | 2.62 | < 10   | < 1    | 0.14 | 30     | 0.68 | 319    |
| T27D 808           | 201 238   | < 5             | 1.65 | < 0.2  | < 5    | 170    | < 0.5  | < 2    | 0.60 | < 0.5  | 12     | 58     | 17     | 3.05 | < 10   | < 1    | 0.07 | 20     | 0.59 | 279    |
| T27D 809           | 201 238   | < 5             | 1.71 | < 0.2  | < 5    | 210    | < 0.5  | < 2    | 0.59 | 2.0    | 19     | 60     | 17     | 2.92 | < 10   | < 1    | 0.12 | 20     | 0.44 | 595    |

CERTIFICATION : 



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

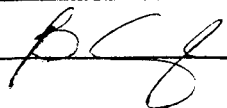
HEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543 - DOG  
Comments: CC:S. MCALLISTER

Page No. 1-B  
Tot. Pages: 5  
Date : 9-SEP-87  
Invoice # : I-8720930  
P.O. # : 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti %   | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|--------|
| T27D 770           | 201 238   | < 1    | < 0.01 | 63     | 440   | < 2    | < 5    | < 10   | 27     | 0.14   | < 10   | < 10  | 68    | < 5   | 37     |
| T27D 771           | 201 238   | < 1    | < 0.01 | 77     | 610   | < 2    | < 5    | < 10   | 29     | 0.12   | < 10   | < 10  | 66    | < 5   | 42     |
| T27D 772           | 201 238   | < 1    | < 0.01 | 50     | 450   | 2      | < 5    | < 10   | 22     | 0.10   | < 10   | < 10  | 54    | < 5   | 31     |
| T27D 773           | 201 238   | < 1    | < 0.01 | 60     | 1430  | 4      | < 5    | < 10   | 42     | 0.13   | < 10   | < 10  | 108   | < 5   | 54     |
| T27D 774           | 201 238   | < 1    | < 0.01 | 68     | 1550  | 4      | < 5    | < 10   | 39     | 0.10   | < 10   | < 10  | 69    | < 5   | 57     |
| T27D 775           | 201 238   | < 1    | < 0.01 | 79     | 1600  | 4      | < 5    | < 10   | 45     | 0.10   | < 10   | < 10  | 66    | < 5   | 52     |
| T27D 776           | 201 238   | 1      | < 0.01 | 84     | 2990  | 8      | < 5    | < 10   | 62     | 0.06   | < 10   | < 10  | 52    | < 5   | 66     |
| T27D 777           | 201 238   | < 1    | < 0.01 | 74     | 1380  | 8      | < 5    | < 10   | 40     | 0.10   | < 10   | < 10  | 64    | < 5   | 55     |
| T27D 778           | 201 238   | < 1    | < 0.01 | 60     | 1270  | 2      | < 5    | < 10   | 37     | 0.10   | < 10   | < 10  | 59    | < 5   | 51     |
| T27D 779           | 201 238   | < 1    | < 0.01 | 85     | 1800  | < 2    | < 5    | < 10   | 51     | 0.09   | < 10   | < 10  | 67    | < 5   | 83     |
| T27D 780           | 201 238   | < 1    | < 0.01 | 35     | 1420  | 6      | < 5    | < 10   | 35     | 0.10   | < 10   | < 10  | 76    | < 5   | 138    |
| T27D 781           | 201 238   | 3      | < 0.01 | 74     | 2840  | 8      | < 5    | < 10   | 60     | 0.05   | < 10   | < 10  | 49    | < 5   | 279    |
| T27D 782           | 201 238   | < 1    | < 0.01 | 23     | 350   | 2      | < 5    | < 10   | 33     | 0.09   | < 10   | < 10  | 69    | < 5   | 73     |
| T27D 783           | 201 238   | 3      | < 0.01 | 55     | 3090  | 28     | < 5    | < 10   | 62     | 0.01   | < 10   | < 10  | 65    | < 5   | 309    |
| T27D 784           | 201 238   | 4      | < 0.01 | 66     | 3130  | 24     | < 5    | < 10   | 46     | 0.01   | < 10   | < 10  | 60    | < 5   | 260    |
| T27D 785           | 201 238   | 1      | < 0.01 | 46     | 2550  | 16     | < 5    | 10     | 37     | 0.07   | < 10   | < 10  | 57    | < 5   | 196    |
| T27D 786           | 201 238   | < 1    | 0.01   | 102    | 2510  | < 2    | 5      | < 10   | 39     | 0.08   | < 10   | < 10  | 68    | < 5   | 192    |
| T27D 787           | 201 238   | 30     | < 0.01 | 162    | 7930  | 40     | < 5    | < 10   | 110    | < 0.01 | < 10   | < 10  | 62    | < 5   | 319    |
| T27D 788           | 201 238   | < 1    | < 0.01 | 74     | 2090  | 18     | < 5    | < 10   | 35     | 0.07   | < 10   | < 10  | 53    | < 5   | 93     |
| T27D 789           | 201 238   | 1      | < 0.01 | 62     | 2720  | 24     | < 5    | < 10   | 44     | 0.05   | < 10   | < 10  | 42    | < 5   | 122    |
| T27D 790           | 201 238   | 6      | < 0.01 | 70     | 4370  | 36     | 5      | 10     | 80     | < 0.01 | < 10   | < 10  | 25    | < 5   | 196    |
| T27D 791           | 201 238   | 7      | < 0.01 | 71     | 3590  | 30     | 5      | < 10   | 66     | < 0.01 | 10     | < 10  | 22    | < 5   | 236    |
| T27D 792           | 201 238   | 1      | 0.01   | 112    | 2770  | 6      | < 5    | < 10   | 49     | 0.07   | < 10   | < 10  | 54    | < 5   | 106    |
| T27D 793           | 201 238   | 1      | 0.01   | 61     | 1420  | 6      | < 5    | < 10   | 27     | 0.08   | < 10   | < 10  | 72    | < 5   | 130    |
| T27D 794           | 201 238   | < 1    | < 0.01 | 21     | 1130  | 6      | < 5    | < 10   | 23     | 0.09   | < 10   | < 10  | 56    | < 5   | 73     |
| T27D 795           | 201 238   | < 1    | 0.01   | 26     | 360   | 8      | < 5    | 10     | 25     | 0.11   | < 10   | < 10  | 76    | < 5   | 61     |
| T27D 796           | 201 238   | < 1    | 0.01   | 42     | 730   | 16     | < 5    | < 10   | 25     | 0.11   | < 10   | < 10  | 68    | < 5   | 80     |
| T27D 797           | 201 238   | < 1    | 0.01   | 59     | 1040  | < 2    | < 5    | < 10   | 23     | 0.11   | < 10   | < 10  | 83    | < 5   | 92     |
| T27D 798           | 201 238   | < 1    | 0.01   | 54     | 1130  | 14     | < 5    | 10     | 31     | 0.12   | < 10   | < 10  | 83    | < 5   | 101    |
| T27D 799           | 201 238   | < 1    | 0.01   | 48     | 360   | 12     | < 5    | < 10   | 41     | 0.12   | < 10   | < 10  | 81    | < 5   | 44     |
| T27D 800           | 201 238   | < 1    | 0.01   | 170    | 630   | 18     | < 5    | 10     | 43     | 0.09   | < 10   | < 10  | 110   | < 5   | 69     |
| T27D 801           | 201 238   | 15     | 0.01   | 256    | 1100  | 10     | 5      | 30     | 79     | 0.09   | < 10   | < 10  | 89    | < 5   | 69     |
| T27D 802           | 201 238   | < 1    | 0.03   | 41     | 460   | 102    | < 5    | < 10   | 29     | 0.13   | < 10   | < 10  | 90    | < 5   | 87     |
| T27D 803           | 201 238   | < 1    | 0.01   | 105    | 770   | 4      | < 5    | 10     | 44     | 0.09   | < 10   | < 10  | 86    | < 5   | 60     |
| T27D 804           | 201 238   | < 1    | 0.01   | 31     | 360   | 18     | < 5    | < 10   | 23     | 0.12   | < 10   | < 10  | 89    | < 5   | 60     |
| T27D 805           | 201 238   | < 1    | 0.01   | 23     | 800   | 8      | < 5    | < 10   | 25     | 0.09   | < 10   | < 10  | 66    | < 5   | 117    |
| T27D 806           | 201 238   | < 1    | 0.01   | 120    | 850   | 8      | < 5    | 10     | 57     | 0.08   | < 10   | < 10  | 85    | < 5   | 68     |
| T27D 807           | 201 238   | 19     | 0.01   | 110    | 1930  | 14     | < 5    | < 10   | 58     | 0.05   | < 10   | < 10  | 79    | < 5   | 230    |
| T27D 808           | 201 238   | < 1    | 0.01   | 42     | 900   | 14     | < 5    | < 10   | 32     | 0.09   | < 10   | < 10  | 86    | < 5   | 71     |
| T27D 809           | 201 238   | < 1    | 0.01   | 41     | 1240  | 6      | < 5    | < 10   | 34     | 0.09   | < 10   | < 10  | 92    | < 5   | 119    |

CERTIFICATION : 





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

PHONE (604) 984-0221

HEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543 - DOG  
Comments: CC:S. MCALLISTER

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Tot. Pages: 5  
Date : 9-SEP-87  
Invoice #: I-8720930  
P.O. #: 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| T27D 810           | 201 238   | < 5             | 1.51 | 0.2    | 20     | 230    | < 0.5  | < 2    | 1.09 | 1.0    | 10     | 50     | 28     | 2.84 | < 10   | < 1    | 0.15 | 40     | 0.35 | 244    |
| T27D 811           | 201 238   | < 5             | 1.64 | < 0.2  | 15     | 210    | < 0.5  | < 2    | 0.68 | < 0.5  | 10     | 57     | 9      | 2.53 | < 10   | < 1    | 0.06 | 20     | 0.41 | 453    |
| T27D 812           | 201 238   | < 5             | 2.04 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 0.63 | < 0.5  | 19     | 91     | 35     | 3.24 | < 10   | < 1    | 0.04 | 20     | 0.77 | 284    |
| T27D 813           | 201 238   | < 5             | 2.00 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 0.72 | < 0.5  | 20     | 114    | 36     | 3.44 | < 10   | < 1    | 0.07 | 20     | 1.06 | 525    |
| T27D 814           | 201 238   | < 5             | 1.75 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.73 | < 0.5  | 17     | 55     | 30     | 3.17 | < 10   | < 1    | 0.05 | 20     | 0.50 | 234    |
| T27D 815           | 201 238   | < 5             | 2.16 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.60 | < 0.5  | 19     | 108    | 38     | 4.24 | < 10   | < 1    | 0.03 | 10     | 1.02 | 283    |
| T27D 816           | 201 238   | < 5             | 1.68 | 0.6    | < 5    | 180    | < 0.5  | 4      | 1.15 | 1.5    | 16     | 104    | 88     | 2.93 | < 10   | < 1    | 0.06 | 20     | 0.67 | 467    |
| T27D 817           | 201 238   | < 5             | 3.92 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 1.25 | 1.0    | 59     | 408    | 52     | 3.91 | < 10   | < 1    | 0.03 | 10     | 2.74 | 786    |
| T27D 818           | 201 238   | < 5             | 1.50 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.51 | 0.5    | 15     | 58     | 27     | 3.05 | < 10   | < 1    | 0.04 | 10     | 0.74 | 385    |
| T27D 819           | 201 238   | < 5             | 1.19 | < 0.2  | < 5    | 90     | < 0.5  | 2      | 0.40 | 0.5    | 11     | 47     | 8      | 2.63 | < 10   | < 1    | 0.05 | 10     | 0.35 | 592    |
| T27D 820           | 201 238   | < 5             | 1.13 | < 0.2  | < 5    | 70     | < 0.5  | 2      | 0.38 | < 0.5  | 8      | 29     | 5      | 2.16 | < 10   | < 1    | 0.05 | 20     | 0.33 | 273    |
| T27D 821           | 201 238   | < 5             | 2.52 | 0.6    | 10     | 250    | 1.0    | < 2    | 1.14 | 3.0    | 18     | 40     | 36     | 3.62 | < 10   | < 1    | 0.46 | 40     | 0.75 | 2130   |
| T27D 822           | 201 238   | < 5             | 1.62 | < 0.2  | < 5    | 100    | 0.5    | < 2    | 0.70 | 0.5    | 9      | 23     | 12     | 2.15 | < 10   | < 1    | 0.19 | 50     | 0.50 | 384    |
| T27D 823           | 201 238   | < 5             | 1.40 | < 0.2  | < 5    | 160    | < 0.5  | < 2    | 0.58 | 0.5    | 17     | 52     | 11     | 2.99 | < 10   | < 1    | 0.15 | 20     | 0.62 | 759    |
| T27D 824           | 201 238   | < 5             | 1.10 | < 0.2  | < 5    | 40     | < 0.5  | < 2    | 0.31 | < 0.5  | 9      | 51     | 8      | 3.21 | < 10   | < 1    | 0.07 | 20     | 0.38 | 185    |
| T27D 825           | 201 238   | < 5             | 1.01 | < 0.2  | 5      | 50     | < 0.5  | 2      | 0.20 | < 0.5  | 8      | 42     | 11     | 2.73 | < 10   | < 1    | 0.11 | 30     | 0.34 | 161    |
| T27D 826           | 201 238   | < 5             | 1.29 | < 0.2  | 5      | 70     | < 0.5  | < 2    | 0.28 | < 0.5  | 8      | 43     | 12     | 3.29 | < 10   | < 1    | 0.08 | 20     | 0.41 | 221    |
| T27D 827           | 201 238   | < 5             | 0.81 | < 0.2  | < 5    | 100    | < 0.5  | 2      | 0.29 | 0.5    | 6      | 31     | 13     | 2.18 | < 10   | < 1    | 0.06 | 20     | 0.27 | 149    |
| T27D 828           | 201 238   | < 5             | 1.37 | < 0.2  | 10     | 60     | < 0.5  | < 2    | 0.19 | < 0.5  | 11     | 34     | 12     | 3.94 | < 10   | < 1    | 0.09 | 20     | 0.46 | 230    |
| T27D 829           | 201 238   | < 5             | 2.56 | 1.2    | < 5    | 360    | 0.5    | < 2    | 1.50 | 2.0    | 22     | 69     | 75     | 3.99 | 10     | < 1    | 0.21 | 40     | 0.67 | 2740   |
| T27D 830           | 201 238   | < 5             | 2.91 | < 0.2  | < 5    | 80     | < 0.5  | < 2    | 0.27 | < 0.5  | 11     | 44     | 11     | 4.48 | < 10   | < 1    | 0.06 | 10     | 0.51 | 313    |
| T27D 831           | 201 238   | 35              | 0.94 | < 0.2  | 10     | 60     | < 0.5  | 2      | 0.11 | < 0.5  | 3      | 6      | 2      | 0.84 | < 10   | < 1    | 0.05 | 20     | 0.20 | 188    |
| T27D 832           | 201 238   | < 5             | 0.68 | < 0.2  | < 5    | 70     | < 0.5  | < 2    | 0.17 | < 0.5  | 6      | 15     | 5      | 1.60 | < 10   | < 1    | 0.09 | 20     | 0.19 | 216    |
| T27D 833           | 201 238   | < 5             | 2.39 | < 0.2  | < 5    | 120    | 1.0    | < 2    | 0.77 | 0.5    | 21     | 28     | 34     | 3.81 | < 10   | < 1    | 0.30 | 50     | 0.93 | 512    |
| T27D 834           | 201 238   | < 5             | 1.50 | < 0.2  | 10     | 70     | 0.5    | < 2    | 0.19 | < 0.5  | 6      | 21     | 5      | 2.20 | < 10   | < 1    | 0.07 | 20     | 0.29 | 152    |
| T27D 835           | 201 238   | < 5             | 0.90 | < 0.2  | < 5    | 30     | < 0.5  | < 2    | 0.17 | < 0.5  | 4      | 17     | 2      | 1.71 | < 10   | < 1    | 0.06 | 30     | 0.21 | 146    |
| T27D 836           | 201 238   | < 5             | 2.61 | < 0.2  | < 5    | 90     | 0.5    | < 2    | 0.30 | 0.5    | 14     | 67     | 17     | 4.67 | < 10   | < 1    | 0.06 | 20     | 0.82 | 195    |
| T27D 837           | 201 238   | < 5             | 1.34 | < 0.2  | < 5    | 20     | < 0.5  | 4      | 0.04 | < 0.5  | 3      | 6      | < 1    | 0.99 | < 10   | < 1    | 0.02 | 40     | 0.10 | 133    |
| T27D 838           | 201 238   | < 5             | 2.47 | < 0.2  | 10     | 120    | 1.0    | < 2    | 1.35 | 1.5    | 18     | 37     | 19     | 3.60 | < 10   | < 1    | 0.29 | 40     | 0.83 | 1290   |
| T27D 839           | 201 238   | < 5             | 2.46 | 0.2    | < 5    | 110    | 1.0    | < 2    | 1.30 | 1.0    | 15     | 37     | 19     | 3.29 | < 10   | < 1    | 0.20 | 50     | 0.79 | 616    |
| T27D 840           | 201 238   | < 5             | 2.72 | < 0.2  | < 5    | 110    | 1.0    | < 2    | 1.10 | 2.5    | 17     | 43     | 25     | 3.41 | < 10   | < 1    | 0.08 | 40     | 0.65 | 823    |
| T27D 841           | 201 238   | < 5             | 2.23 | 0.4    | < 5    | 100    | 1.0    | < 2    | 0.39 | 1.5    | 16     | 40     | 13     | 2.96 | < 10   | < 1    | 0.19 | 30     | 0.64 | 483    |
| T27D 842           | 201 238   | < 5             | 3.51 | < 0.2  | < 5    | 120    | 1.0    | < 2    | 0.65 | 2.0    | 20     | 51     | 38     | 4.26 | < 10   | < 1    | 0.46 | 40     | 0.99 | 667    |
| T27D 843           | 201 238   | < 5             | 7.18 | < 0.2  | < 5    | 70     | 2.5    | < 2    | 1.61 | 1.0    | 22     | 86     | 10     | 5.15 | < 10   | < 1    | 0.36 | 60     | 1.41 | 1075   |
| T27D 844           | 201 238   | < 5             | 2.33 | < 0.2  | < 5    | 80     | 0.5    | < 2    | 0.19 | < 0.5  | 10     | 38     | 20     | 3.63 | < 10   | < 1    | 0.24 | 20     | 0.70 | 267    |
| T27D 845           | 201 238   | < 5             | 3.11 | < 0.2  | < 5    | 70     | 1.0    | < 2    | 0.41 | 1.0    | 16     | 41     | 13     | 4.25 | < 10   | < 1    | 0.17 | 30     | 0.77 | 323    |
| T27D 846           | 201 238   | < 5             | 3.92 | < 0.2  | < 5    | 110    | 1.0    | < 2    | 0.30 | 1.5    | 20     | 52     | 13     | 6.17 | < 10   | < 1    | 0.15 | 30     | 0.96 | 1515   |
| T27D 847           | 201 238   | < 5             | 1.07 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.11 | < 0.5  | 5      | 18     | 4      | 2.11 | < 10   | < 1    | 0.12 | 20     | 0.26 | 147    |
| T27D 848           | 201 238   | < 5             | 2.83 | < 0.2  | < 5    | 70     | 0.5    | < 2    | 0.18 | 0.5    | 13     | 54     | 6      | 5.22 | < 10   | < 1    | 0.16 | 20     | 0.69 | 310    |
| T27D 849           | 201 238   | < 5             | 1.83 | < 0.2  | < 5    | 90     | 0.5    | < 2    | 0.30 | < 0.5  | 9      | 35     | 1      | 3.25 | < 10   | < 1    | 0.12 | 20     | 0.48 | 345    |

CERTIFICATION :

*BCJ*



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Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

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MINERALS STAFF  
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VANCOUVER, B.C.  
V6E 2E9

Project : M543 - DOG  
Comments: CC:S. MCALLISTER

Page No. : 2-B  
Tot. Pages: 5  
Date : 9-SEP-87  
Invoice #: I-8720930  
P.O. # : 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| T27D 810           | 201 238   | < 1    | < 0.01 | 50     | 4930  | 6      | < 5    | < 10   | 62     | 0.04 | 10     | < 10  | 71    | < 5   | 167    |
| T27D 811           | 201 238   | < 1    | < 0.01 | 33     | 3030  | 6      | < 5    | < 10   | 41     | 0.09 | < 10   | < 10  | 73    | < 5   | 145    |
| T27D 812           | 201 238   | < 1    | < 0.01 | 57     | 670   | < 2    | < 5    | < 10   | 28     | 0.11 | < 10   | < 10  | 93    | < 5   | 72     |
| T27D 813           | 201 238   | < 1    | < 0.01 | 58     | 1420  | < 2    | < 5    | < 10   | 33     | 0.09 | < 10   | < 10  | 85    | < 5   | 86     |
| T27D 814           | 201 238   | < 1    | < 0.01 | 66     | 2940  | 10     | < 5    | < 10   | 42     | 0.08 | < 10   | < 10  | 70    | < 5   | 95     |
| T27D 815           | 201 238   | < 1    | < 0.01 | 60     | 460   | < 2    | < 5    | < 10   | 30     | 0.11 | < 10   | < 10  | 120   | < 5   | 95     |
| T27D 816           | 201 238   | < 1    | < 0.01 | 134    | 610   | < 2    | < 5    | < 10   | 51     | 0.05 | < 10   | < 10  | 90    | < 5   | 94     |
| T27D 817           | 201 238   | < 1    | 0.01   | 143    | 350   | < 2    | 5      | < 10   | 38     | 0.04 | < 10   | < 10  | 98    | < 5   | 45     |
| T27D 818           | 201 238   | < 1    | 0.01   | 32     | 740   | < 2    | < 5    | < 10   | 37     | 0.12 | < 10   | < 10  | 87    | < 5   | 38     |
| T27D 819           | 201 238   | < 1    | < 0.01 | 13     | 1070  | < 2    | < 5    | < 10   | 30     | 0.11 | < 10   | < 10  | 82    | < 5   | 52     |
| T27D 820           | 201 238   | < 1    | < 0.01 | 16     | 740   | < 2    | < 5    | < 10   | 29     | 0.13 | < 10   | < 10  | 65    | < 5   | 56     |
| T27D 821           | 201 238   | 3      | 0.02   | 46     | 1220  | 14     | < 5    | < 10   | 78     | 0.14 | 10     | < 10  | 56    | < 5   | 169    |
| T27D 822           | 201 238   | < 1    | 0.02   | 22     | 1250  | 18     | < 5    | < 10   | 55     | 0.09 | 10     | < 10  | 37    | < 5   | 62     |
| T27D 823           | 201 238   | < 1    | 0.01   | 27     | 550   | 12     | < 5    | < 10   | 45     | 0.16 | < 10   | < 10  | 87    | < 5   | 67     |
| T27D 824           | 201 238   | < 1    | < 0.01 | 26     | 420   | 2      | < 5    | < 10   | 25     | 0.15 | 10     | < 10  | 98    | < 5   | 48     |
| T27D 825           | 201 238   | < 1    | < 0.01 | 29     | 560   | < 2    | < 5    | < 10   | 16     | 0.11 | 10     | < 10  | 67    | < 5   | 49     |
| T27D 826           | 201 238   | < 1    | < 0.01 | 20     | 340   | 6      | < 5    | < 10   | 29     | 0.20 | < 10   | < 10  | 125   | < 5   | 59     |
| T27D 827           | 201 238   | < 1    | < 0.01 | 18     | 230   | 6      | < 5    | < 10   | 31     | 0.13 | < 10   | < 10  | 81    | < 5   | 55     |
| T27D 828           | 201 238   | < 1    | < 0.01 | 21     | 1010  | 32     | < 5    | < 10   | 20     | 0.10 | < 10   | < 10  | 67    | < 5   | 58     |
| T27D 829           | 201 238   | < 1    | 0.01   | 86     | 960   | 36     | < 5    | < 10   | 105    | 0.08 | < 10   | < 10  | 69    | < 5   | 79     |
| T27D 830           | 201 238   | < 1    | < 0.01 | 18     | 3580  | 6      | < 5    | 10     | 22     | 0.13 | < 10   | < 10  | 117   | < 5   | 98     |
| T27D 831           | 201 238   | < 1    | < 0.01 | 3      | 210   | < 2    | 5      | < 10   | 8      | 0.09 | 10     | < 10  | 25    | < 5   | 18     |
| T27D 832           | 201 238   | < 1    | < 0.01 | 8      | 280   | 8      | < 5    | < 10   | 15     | 0.11 | < 10   | < 10  | 52    | < 5   | 36     |
| T27D 833           | 201 238   | < 1    | 0.04   | 30     | 1180  | 98     | < 5    | < 10   | 87     | 0.16 | 10     | < 10  | 54    | < 5   | 84     |
| T27D 834           | 201 238   | < 1    | < 0.01 | 10     | 840   | 4      | < 5    | < 10   | 15     | 0.10 | 10     | < 10  | 52    | < 5   | 45     |
| T27D 835           | 201 238   | < 1    | < 0.01 | 6      | 350   | 16     | < 5    | < 10   | 19     | 0.13 | 10     | < 10  | 62    | < 5   | 23     |
| T27D 836           | 201 238   | < 1    | 0.01   | 38     | 420   | 64     | < 5    | < 10   | 30     | 0.24 | < 10   | < 10  | 102   | < 5   | 63     |
| T27D 837           | 201 238   | < 1    | < 0.01 | 2      | 130   | < 2    | < 5    | < 10   | 6      | 0.05 | 10     | < 10  | 20    | < 5   | 12     |
| T27D 838           | 201 238   | 3      | 0.04   | 28     | 1110  | 92     | < 5    | < 10   | 148    | 0.13 | 10     | < 10  | 39    | < 5   | 198    |
| T27D 839           | 201 238   | < 1    | 0.08   | 24     | 680   | 186    | < 5    | < 10   | 188    | 0.14 | 10     | < 10  | 35    | < 5   | 130    |
| T27D 840           | 201 238   | < 1    | 0.04   | 24     | 600   | 22     | < 5    | < 10   | 134    | 0.15 | 10     | < 10  | 63    | < 5   | 103    |
| T27D 841           | 201 238   | < 1    | 0.01   | 29     | 480   | 78     | < 5    | < 10   | 54     | 0.12 | 10     | < 10  | 43    | < 5   | 137    |
| T27D 842           | 201 238   | < 1    | 0.07   | 41     | 510   | 112    | < 5    | < 10   | 124    | 0.19 | 10     | < 10  | 46    | < 5   | 123    |
| T27D 843           | 201 238   | < 1    | 0.16   | 34     | 550   | 68     | < 5    | < 10   | 423    | 0.32 | 20     | < 10  | 51    | < 5   | 96     |
| T27D 844           | 201 238   | 2      | < 0.01 | 26     | 670   | 44     | < 5    | < 10   | 21     | 0.13 | < 10   | < 10  | 41    | < 5   | 87     |
| T27D 845           | 201 238   | < 1    | < 0.01 | 23     | 250   | 100    | < 5    | < 10   | 45     | 0.15 | < 10   | < 10  | 43    | < 5   | 138    |
| T27D 846           | 201 238   | < 1    | 0.01   | 28     | 920   | 64     | < 5    | < 10   | 43     | 0.22 | < 10   | < 10  | 54    | < 5   | 138    |
| T27D 847           | 201 238   | < 1    | < 0.01 | 9      | 530   | 20     | < 5    | < 10   | 15     | 0.14 | < 10   | < 10  | 53    | < 5   | 31     |
| T27D 848           | 201 238   | < 1    | < 0.01 | 21     | 960   | 12     | < 5    | < 10   | 21     | 0.17 | 10     | < 10  | 69    | < 5   | 107    |
| T27D 849           | 201 238   | < 1    | < 0.01 | 16     | 680   | 12     | < 5    | < 10   | 35     | 0.22 | 10     | < 10  | 60    | < 5   | 81     |

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

HEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543 - DOG  
Comments: CC:S. MCALLISTER

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Invoice # : I-8720930  
P.O. # : 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| SAMPLE DESCRIPTION | PREP CODE | Au ppb<br>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 |
|--------------------|-----------|-----------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| T27D 850           | 203 238   | < 5             | 0.92 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 2.35 | < 0.5  | 7      | 33     | 11     | 1.46 | < 10   | < 1    | 0.12 | 30     | 0.29 | 1015   |
| T27D 851           | 203 238   | < 10            | 0.82 | < 0.2  | < 5    | 160    | < 0.5  | < 2    | 2.45 | < 0.5  | 8      | 43     | 13     | 1.41 | 10     | < 1    | 0.10 | 30     | 0.24 | 1560   |
| T27D 852           | 203 238   | < 5             | 0.36 | < 0.2  | 10     | 120    | < 0.5  | < 2    | 4.08 | < 0.5  | 2      | 16     | 10     | 0.45 | 10     | < 1    | 0.04 | 10     | 0.11 | 288    |
| T27D 853           | 201 238   | < 5             | 2.80 | < 0.2  | < 5    | 110    | 1.0    | < 2    | 1.03 | 0.5    | 11     | 47     | 6      | 3.22 | < 10   | < 1    | 0.07 | 30     | 0.84 | 339    |
| T27D 854           | 201 238   | < 5             | 1.28 | 0.4    | < 5    | 160    | 0.5    | < 2    | 1.58 | < 0.5  | 5      | 16     | 10     | 1.16 | 10     | < 1    | 0.10 | 70     | 0.31 | 280    |
| T27D 855           | 201 238   | < 5             | 1.31 | < 0.2  | < 5    | 50     | < 0.5  | < 2    | 0.43 | 0.5    | 7      | 22     | 3      | 1.79 | < 10   | < 1    | 0.10 | 30     | 0.45 | 181    |
| T27D 856           | 201 238   | < 5             | 0.76 | 0.2    | < 5    | 90     | < 0.5  | < 2    | 1.54 | 0.5    | 2      | 8      | 11     | 1.02 | < 10   | < 1    | 0.05 | 40     | 0.10 | 54     |
| T27D 857           | 201 238   | < 5             | 1.61 | < 0.2  | < 5    | 110    | 0.5    | < 2    | 0.51 | 0.5    | 9      | 21     | 6      | 2.00 | < 10   | < 1    | 0.13 | 40     | 0.45 | 366    |
| T27D 858           | 201 238   | < 5             | 1.05 | 0.2    | < 5    | 80     | < 0.5  | < 2    | 0.45 | < 0.5  | 7      | 15     | 4      | 1.28 | < 10   | < 1    | 0.14 | 30     | 0.34 | 203    |
| T27D 859           | 201 238   | < 5             | 1.03 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.09 | < 0.5  | 5      | 15     | 8      | 1.33 | < 10   | < 1    | 0.18 | 10     | 0.26 | 70     |
| T27D 860           | 201 238   | < 5             | 1.73 | 0.2    | 10     | 90     | < 0.5  | < 2    | 0.59 | < 0.5  | 13     | 34     | 14     | 2.67 | 10     | < 1    | 0.23 | 40     | 0.57 | 414    |
| T27D 861           | 201 238   | < 5             | 1.77 | 0.4    | 5      | 120    | < 0.5  | < 2    | 0.47 | < 0.5  | 13     | 29     | 17     | 2.70 | 10     | < 1    | 0.19 | 30     | 0.56 | 438    |
| T27D 862           | 201 238   | < 5             | 1.80 | 0.2    | < 5    | 120    | < 0.5  | < 2    | 0.38 | 0.5    | 15     | 36     | 16     | 3.15 | 10     | < 1    | 0.18 | 30     | 0.63 | 394    |
| T27D 863           | 201 238   | < 5             | 1.53 | 0.2    | 5      | 90     | < 0.5  | < 2    | 0.34 | < 0.5  | 16     | 30     | 11     | 2.66 | < 10   | < 1    | 0.17 | 30     | 0.61 | 235    |
| T27D 864           | 201 238   | < 5             | 1.25 | 0.2    | < 5    | 140    | < 0.5  | < 2    | 0.78 | 0.5    | 9      | 19     | 22     | 2.17 | < 10   | < 1    | 0.15 | 90     | 0.37 | 229    |
| T27D 865           | 201 238   | < 5             | 1.32 | < 0.2  | < 5    | 210    | < 0.5  | < 2    | 0.31 | < 0.5  | 7      | 18     | 10     | 1.87 | 10     | < 1    | 0.13 | 30     | 0.36 | 148    |
| T27D 866           | 201 238   | < 5             | 2.40 | 0.4    | < 5    | 190    | 1.0    | < 2    | 0.67 | 1.0    | 15     | 67     | 43     | 3.41 | 10     | < 1    | 0.08 | 20     | 0.87 | 574    |
| T27D 867           | 201 238   | < 5             | 1.42 | < 0.2  | < 5    | 60     | < 0.5  | < 2    | 0.31 | 0.5    | 13     | 57     | 8      | 3.33 | 10     | < 1    | 0.04 | 10     | 0.40 | 475    |
| T27D 868           | 201 238   | < 5             | 1.27 | 0.4    | < 5    | 50     | < 0.5  | < 2    | 0.22 | < 0.5  | 8      | 34     | 14     | 2.35 | 10     | < 1    | 0.03 | 10     | 0.29 | 201    |
| T27D 869           | 201 238   | 10              | 1.58 | 0.4    | 10     | 70     | < 0.5  | < 2    | 0.33 | < 0.5  | 13     | 53     | 19     | 2.66 | 10     | < 1    | 0.05 | 10     | 0.51 | 300    |
| T27D 870           | 201 238   | < 5             | 1.53 | 0.2    | 5      | 120    | < 0.5  | < 2    | 0.28 | < 0.5  | 11     | 37     | 16     | 2.56 | 10     | < 1    | 0.08 | 20     | 0.49 | 368    |
| T27D 871           | 201 238   | < 5             | 1.50 | < 0.2  | 5      | 70     | < 0.5  | < 2    | 0.25 | < 0.5  | 12     | 40     | 14     | 2.37 | 10     | 1      | 0.08 | 20     | 0.46 | 437    |
| T27D 872           | 201 238   | < 5             | 2.00 | 0.2    | 5      | 120    | < 0.5  | < 2    | 0.27 | < 0.5  | 13     | 44     | 21     | 3.18 | 10     | < 1    | 0.09 | 20     | 0.63 | 274    |
| T27D 873           | 201 238   | < 5             | 1.89 | 0.2    | < 5    | 70     | < 0.5  | < 2    | 0.22 | < 0.5  | 7      | 40     | 11     | 2.33 | 10     | < 1    | 0.04 | 10     | 0.31 | 137    |
| T27D 874           | 201 238   | < 5             | 1.59 | 0.2    | < 5    | 80     | < 0.5  | < 2    | 0.20 | 0.5    | 12     | 33     | 13     | 2.99 | 10     | < 1    | 0.07 | 10     | 0.46 | 334    |
| T27D 875           | 201 238   | < 5             | 1.07 | 0.2    | < 5    | 70     | < 0.5  | < 2    | 0.18 | 0.5    | 9      | 53     | 9      | 1.82 | < 10   | < 1    | 0.04 | 10     | 0.36 | 178    |
| T27D 876           | 201 238   | < 5             | 1.73 | 0.2    | < 5    | 70     | < 0.5  | < 2    | 0.24 | 0.5    | 13     | 46     | 18     | 2.92 | 10     | < 1    | 0.07 | 10     | 0.63 | 227    |
| T27D 877           | 201 238   | < 5             | 1.75 | < 0.2  | 10     | 70     | < 0.5  | < 2    | 0.18 | < 0.5  | 12     | 41     | 13     | 3.16 | 10     | < 1    | 0.04 | 10     | 0.44 | 307    |
| T27D 878           | 201 238   | < 5             | 2.92 | 0.2    | 10     | 60     | < 0.5  | < 2    | 0.23 | < 0.5  | 14     | 58     | 23     | 3.96 | < 10   | < 1    | 0.05 | 10     | 0.54 | 335    |
| T27D 879           | 201 238   | < 5             | 1.88 | 0.2    | < 5    | 120    | < 0.5  | < 2    | 0.36 | 0.5    | 13     | 43     | 23     | 3.53 | 10     | 1      | 0.10 | 10     | 0.68 | 314    |
| T27D 880           | 201 238   | < 5             | 1.48 | 0.2    | < 5    | 70     | < 0.5  | < 2    | 0.22 | 0.5    | 10     | 27     | 12     | 2.53 | 10     | < 1    | 0.07 | 10     | 0.39 | 449    |
| T27D 881           | 201 238   | < 5             | 1.57 | 0.4    | < 5    | 70     | < 0.5  | < 2    | 0.24 | 0.5    | 9      | 31     | 13     | 2.58 | 10     | < 1    | 0.07 | 20     | 0.40 | 441    |
| T27D 882           | 201 238   | < 5             | 1.46 | 0.2    | < 5    | 60     | < 0.5  | < 2    | 0.22 | 0.5    | 7      | 23     | 9      | 2.05 | 10     | 1      | 0.05 | 10     | 0.31 | 155    |
| T27D 883           | 201 238   | < 5             | 2.07 | 0.2    | < 5    | 70     | < 0.5  | < 2    | 0.29 | 0.5    | 12     | 45     | 19     | 2.93 | 10     | 1      | 0.05 | 20     | 0.48 | 381    |
| T27D 884           | 201 238   | < 5             | 1.23 | 0.2    | < 5    | 50     | < 0.5  | < 2    | 0.17 | < 0.5  | 7      | 26     | 12     | 2.31 | 10     | < 1    | 0.04 | 10     | 0.30 | 152    |
| T27D 885           | 201 238   | < 5             | 1.00 | 0.2    | < 5    | 90     | < 0.5  | < 2    | 0.22 | < 0.5  | 8      | 35     | 12     | 1.78 | < 10   | < 1    | 0.10 | 30     | 0.38 | 193    |
| T27D 886           | 201 238   | < 5             | 0.96 | 0.4    | < 5    | 60     | < 0.5  | < 2    | 0.17 | < 0.5  | 7      | 24     | 7      | 2.14 | 10     | 1      | 0.05 | 20     | 0.22 | 142    |
| T27D 887           | 201 238   | < 5             | 0.71 | < 0.2  | < 5    | 40     | < 0.5  | < 2    | 0.12 | < 0.5  | 6      | 40     | 5      | 1.24 | < 10   | < 1    | 0.05 | 20     | 0.23 | 99     |
| T27D 888           | 201 238   | 5               | 2.22 | 0.2    | 5      | 180    | 0.5    | < 2    | 0.83 | 0.5    | 22     | 84     | 36     | 4.12 | 10     | 1      | 0.28 | 30     | 1.03 | 486    |
| T27D 889           | 201 238   | < 5             | 1.28 | 0.2    | < 5    | 60     | < 0.5  | < 2    | 0.11 | < 0.5  | 9      | 29     | 12     | 2.57 | < 10   | 1      | 0.07 | 20     | 0.45 | 173    |

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

HEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543 - DOG  
Comments: CC:S. MCALLISTER

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Invoice # : I-8720930  
P.O. # : 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| SAMPLE DESCRIPTION | PREP CODE | Mo ppm | Na %   | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|--------------------|-----------|--------|--------|--------|-------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| T27D 850           | 203 238   | 3      | 0.01   | 9      | 1040  | 8      | < 5    | < 10   | 120    | 0.04 | < 10   | < 10  | 21    | 15    | 31     |
| T27D 851           | 203 238   | 2      | 0.01   | 9      | 1210  | 2      | < 5    | 10     | 123    | 0.03 | 10     | < 10  | 20    | 5     | 25     |
| T27D 852           | 203 238   | 1      | 0.01   | < 1    | 610   | < 2    | < 5    | < 10   | 200    | 0.01 | < 10   | < 10  | 4     | < 5   | 10     |
| T27D 853           | 201 238   | < 1    | 0.02   | 12     | 490   | 14     | < 5    | < 10   | 86     | 0.19 | 10     | < 10  | 53    | 5     | 42     |
| T27D 854           | 201 238   | 1      | 0.01   | 13     | 830   | 6      | < 5    | < 10   | 97     | 0.06 | 10     | < 10  | 21    | 5     | 40     |
| T27D 855           | 201 238   | < 1    | 0.01   | 11     | 1000  | 14     | < 5    | < 10   | 29     | 0.07 | 10     | < 10  | 32    | < 5   | 50     |
| T27D 856           | 201 238   | < 1    | < 0.01 | 8      | 450   | 6      | < 5    | < 10   | 87     | 0.05 | 10     | < 10  | 16    | < 5   | 19     |
| T27D 857           | 201 238   | < 1    | < 0.02 | 16     | 910   | 12     | < 5    | < 10   | 44     | 0.09 | 10     | < 10  | 34    | < 5   | 71     |
| T27D 858           | 201 238   | < 1    | < 0.01 | 9      | 500   | < 2    | < 5    | < 10   | 31     | 0.07 | < 10   | < 10  | 25    | < 5   | 34     |
| T27D 859           | 201 238   | < 1    | < 0.01 | 3      | 250   | 8      | < 5    | < 10   | 19     | 0.07 | < 10   | < 10  | 15    | < 5   | 23     |
| T27D 860           | 201 238   | < 1    | 0.03   | 21     | 370   | 8      | < 5    | < 10   | 55     | 0.12 | < 10   | < 10  | 31    | < 5   | 48     |
| T27D 861           | 201 238   | < 1    | 0.01   | 22     | 570   | 10     | < 5    | < 10   | 31     | 0.11 | < 10   | < 10  | 33    | < 5   | 62     |
| T27D 862           | 201 238   | < 1    | < 0.01 | 19     | 430   | 6      | < 5    | < 10   | 25     | 0.13 | < 10   | < 10  | 38    | < 5   | 72     |
| T27D 863           | 201 238   | < 1    | < 0.01 | 28     | 790   | 6      | < 5    | < 10   | 22     | 0.11 | < 10   | < 10  | 33    | < 5   | 57     |
| T27D 864           | 201 238   | < 1    | < 0.01 | 17     | 520   | 14     | < 5    | < 10   | 44     | 0.08 | < 10   | < 10  | 26    | < 5   | 36     |
| T27D 865           | 201 238   | < 1    | < 0.01 | 11     | 300   | 8      | < 5    | < 10   | 27     | 0.11 | < 10   | < 10  | 35    | < 5   | 43     |
| T27D 866           | 201 238   | 2      | < 0.01 | 52     | 510   | 26     | < 5    | 10     | 50     | 0.09 | < 10   | < 10  | 73    | < 5   | 49     |
| T27D 867           | 201 238   | < 1    | < 0.01 | 15     | 1210  | 8      | < 5    | < 10   | 25     | 0.13 | < 10   | < 10  | 94    | < 5   | 94     |
| T27D 868           | 201 238   | < 1    | < 0.01 | 8      | 1130  | 6      | < 5    | < 10   | 22     | 0.11 | < 10   | < 10  | 70    | < 5   | 61     |
| T27D 869           | 201 238   | < 1    | < 0.01 | 16     | 1180  | 2      | < 5    | 10     | 34     | 0.13 | < 10   | < 10  | 83    | < 5   | 40     |
| T27D 870           | 201 238   | < 1    | 0.01   | 11     | 570   | 6      | < 5    | < 10   | 31     | 0.16 | < 10   | < 10  | 83    | < 5   | 80     |
| T27D 871           | 201 238   | < 1    | < 0.01 | 17     | 770   | 6      | < 5    | < 10   | 26     | 0.15 | < 10   | < 10  | 67    | < 5   | 91     |
| T27D 872           | 201 238   | < 1    | < 0.01 | 24     | 580   | 14     | < 5    | < 10   | 29     | 0.19 | < 10   | < 10  | 98    | < 5   | 72     |
| T27D 873           | 201 238   | < 1    | < 0.01 | 14     | 1040  | 10     | < 5    | < 10   | 26     | 0.13 | < 10   | < 10  | 71    | < 5   | 56     |
| T27D 874           | 201 238   | < 1    | < 0.01 | 15     | 1160  | 10     | < 5    | 10     | 19     | 0.12 | < 10   | < 10  | 75    | < 5   | 107    |
| T27D 875           | 201 238   | < 1    | < 0.01 | 11     | 380   | 10     | < 5    | < 10   | 18     | 0.10 | < 10   | < 10  | 51    | < 5   | 55     |
| T27D 876           | 201 238   | < 1    | < 0.01 | 26     | 570   | 102    | < 5    | < 10   | 20     | 0.16 | < 10   | < 10  | 88    | < 5   | 77     |
| T27D 877           | 201 238   | < 1    | < 0.01 | 16     | 910   | 10     | < 5    | < 10   | 16     | 0.13 | < 10   | < 10  | 80    | < 5   | 80     |
| T27D 878           | 201 238   | < 1    | < 0.01 | 24     | 2510  | 4      | < 5    | < 10   | 17     | 0.11 | < 10   | < 10  | 93    | < 5   | 113    |
| T27D 879           | 201 238   | < 1    | < 0.01 | 21     | 1440  | 8      | < 5    | 10     | 30     | 0.14 | < 10   | < 10  | 97    | < 5   | 89     |
| T27D 880           | 201 238   | < 1    | < 0.01 | 10     | 910   | 8      | < 5    | < 10   | 22     | 0.13 | < 10   | < 10  | 66    | < 5   | 83     |
| T27D 881           | 201 238   | < 1    | < 0.01 | 10     | 890   | 10     | < 5    | < 10   | 26     | 0.14 | < 10   | < 10  | 70    | < 5   | 86     |
| T27D 882           | 201 238   | < 1    | < 0.01 | 6      | 750   | 6      | < 5    | < 10   | 25     | 0.12 | < 10   | < 10  | 66    | < 5   | 56     |
| T27D 883           | 201 238   | < 1    | < 0.01 | 15     | 1420  | 6      | < 5    | < 10   | 26     | 0.12 | < 10   | < 10  | 86    | < 5   | 60     |
| T27D 884           | 201 238   | < 1    | < 0.01 | 9      | 610   | 10     | < 5    | < 10   | 21     | 0.12 | < 10   | < 10  | 79    | < 5   | 39     |
| T27D 885           | 201 238   | < 1    | < 0.01 | 16     | 370   | 10     | < 5    | < 10   | 22     | 0.09 | < 10   | < 10  | 40    | < 5   | 38     |
| T27D 886           | 201 238   | < 1    | < 0.01 | 9      | 420   | 12     | < 5    | < 10   | 20     | 0.10 | < 10   | < 10  | 59    | < 5   | 33     |
| T27D 887           | 201 238   | < 1    | < 0.01 | 18     | 320   | 6      | < 5    | < 10   | 12     | 0.06 | < 10   | < 10  | 28    | < 5   | 23     |
| T27D 888           | 201 238   | < 1    | 0.01   | 59     | 1080  | 18     | < 5    | < 10   | 56     | 0.12 | < 10   | < 10  | 57    | < 5   | 105    |
| T27D 889           | 201 238   | < 1    | < 0.01 | 21     | 600   | 12     | < 5    | < 10   | 11     | 0.03 | < 10   | < 10  | 30    | < 5   | 47     |

CERTIFICATION :



# Chemex Labs Ltd.

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

THE HEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project : M543 - DOG  
 Comments: CC:S. MCALLISTER

Page No. : 4-A  
 Tot. Pages: 5  
 Date : 9-SEP-87  
 Invoice # : I-8720930  
 P.O. # : 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| SAMPLE DESCRIPTION | PREP CODE |     | Au ppb | 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 |
|--------------------|-----------|-----|--------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
|                    | FA+AA     |     |        |      |        |        |        |        |        |      |        |        |        |        |      |        |        |      |        |      |        |
| T27D 890           | 201       | 238 | < 5    | 1.21 | 0.2    | < 5    | 60     | < 0.5  | < 2    | 0.44 | 0.5    | 14     | 52     | 22     | 2.78 | < 10   | < 1    | 0.04 | 10     | 0.68 | 302    |
| T27D 891           | 201       | 238 | < 5    | 1.37 | 0.2    | < 5    | 60     | < 0.5  | < 2    | 0.45 | 0.5    | 17     | 56     | 18     | 2.84 | < 10   | < 1    | 0.05 | 10     | 0.71 | 423    |
| T27D 892           | 201       | 238 | < 5    | 2.09 | 0.2    | < 5    | 150    | 1.0    | < 2    | 1.19 | 1.0    | 18     | 46     | 44     | 3.20 | < 10   | < 1    | 0.23 | 40     | 0.79 | 948    |
| T27D 893           | 201       | 238 | < 5    | 2.02 | 0.2    | < 5    | 70     | < 0.5  | < 2    | 0.31 | 0.5    | 11     | 75     | 10     | 4.31 | 10     | 1      | 0.04 | 10     | 0.58 | 242    |
| T27D 894           | 201       | 238 | < 5    | 2.38 | 0.2    | < 5    | 60     | < 0.5  | < 2    | 0.34 | 0.5    | 12     | 47     | 12     | 4.24 | 10     | < 1    | 0.05 | 10     | 0.73 | 251    |
| T27D 895           | 201       | 238 | < 5    | 2.52 | 0.2    | < 5    | 120    | 0.5    | < 2    | 0.24 | 0.5    | 15     | 71     | 9      | 3.03 | < 10   | 1      | 0.10 | 20     | 0.46 | 240    |
| T27D 896           | 201       | 238 | < 5    | 0.86 | 0.2    | < 5    | 30     | < 0.5  | < 2    | 0.16 | < 0.5  | 5      | 24     | 4      | 0.80 | < 10   | < 1    | 0.03 | 20     | 0.18 | 89     |
| T27D 897           | 201       | 238 | < 5    | 0.40 | 0.2    | < 5    | 30     | < 0.5  | < 2    | 0.12 | < 0.5  | 4      | 19     | 3      | 0.39 | < 10   | < 1    | 0.04 | 20     | 0.10 | 56     |
| T27D 898           | 201       | 238 | < 5    | 0.79 | 0.2    | 5      | 70     | < 0.5  | < 2    | 0.17 | < 0.5  | 8      | 49     | 10     | 1.66 | < 10   | < 1    | 0.07 | 20     | 0.31 | 132    |
| T27D 899           | 201       | 238 | < 5    | 1.10 | 0.2    | < 5    | 60     | < 0.5  | < 2    | 0.24 | < 0.5  | 8      | 39     | 5      | 2.14 | < 10   | < 1    | 0.08 | 20     | 0.33 | 209    |
| T27D 900           | 201       | 238 | 5      | 0.76 | 0.2    | < 5    | 50     | < 0.5  | < 2    | 0.15 | < 0.5  | 5      | 31     | 4      | 1.31 | < 10   | < 1    | 0.05 | 20     | 0.21 | 104    |
| T27D 901           | 201       | 238 | 5      | 1.34 | 0.2    | 10     | 50     | 0.5    | < 2    | 0.16 | < 0.5  | 9      | 43     | 7      | 2.57 | < 10   | < 1    | 0.08 | 20     | 0.35 | 131    |
| T27D 902           | 201       | 238 | < 5    | 1.18 | 0.2    | 5      | 50     | 0.5    | < 2    | 0.16 | < 0.5  | 10     | 45     | 12     | 2.45 | < 10   | < 1    | 0.13 | 20     | 0.46 | 175    |
| T27D 903           | 201       | 238 | < 5    | 1.76 | 0.2    | < 5    | 100    | 1.5    | < 2    | 0.04 | 0.5    | 15     | 25     | 20     | 5.32 | 10     | < 1    | 0.18 | 10     | 0.64 | 364    |
| T27D 904           | 201       | 238 | 40     | 3.02 | 0.2    | 10     | 120    | 1.5    | < 2    | 0.66 | 0.5    | 26     | 62     | 60     | 4.59 | 10     | 2      | 0.18 | 20     | 1.16 | 652    |
| T27D 905           | 201       | 238 | < 5    | 2.31 | 0.2    | < 5    | 250    | 0.5    | < 2    | 0.40 | 0.5    | 35     | 191    | 3      | 5.30 | 20     | < 1    | 0.42 | 10     | 1.18 | 406    |
| T27D 906           | 201       | 238 | < 5    | 1.63 | 0.2    | < 5    | 70     | 0.5    | < 2    | 0.70 | 0.5    | 17     | 83     | 19     | 3.47 | 10     | 1      | 0.01 | 10     | 1.03 | 228    |
| T27D 907           | 201       | 238 | < 5    | 1.27 | 0.2    | 10     | 110    | 1.0    | < 2    | 0.29 | 0.5    | 19     | 24     | 11     | 5.39 | 10     | < 1    | 0.04 | 10     | 0.51 | 366    |
| T27D 908           | 201       | 238 | 5      | 3.17 | 0.2    | < 5    | 310    | 1.5    | < 2    | 0.26 | 0.5    | 25     | 62     | 27     | 4.80 | 10     | < 1    | 0.34 | 10     | 1.43 | 281    |
| T27D 909           | 201       | 238 | 5      | 2.26 | 0.2    | < 5    | 100    | 1.0    | < 2    | 0.15 | < 0.5  | 14     | 48     | 20     | 4.14 | 10     | < 1    | 0.15 | 20     | 0.75 | 241    |
| T27D 910           | 201       | 238 | < 5    | 1.36 | 0.2    | < 5    | 70     | 0.5    | < 2    | 0.16 | < 0.5  | 12     | 28     | 13     | 2.95 | 10     | < 1    | 0.20 | 20     | 0.56 | 197    |
| T27D 911           | 201       | 238 | < 5    | 1.32 | 0.2    | < 5    | 70     | 0.5    | < 2    | 0.16 | < 0.5  | 11     | 27     | 12     | 2.94 | 10     | < 1    | 0.19 | 20     | 0.51 | 195    |
| T27D 912           | 201       | 238 | < 5    | 2.59 | 0.2    | < 5    | 170    | 1.5    | < 2    | 0.46 | 0.5    | 17     | 43     | 30     | 3.83 | 10     | < 1    | 0.50 | 40     | 0.96 | 426    |
| T27D 913           | 201       | 238 | < 5    | 2.10 | 0.2    | 45     | 180    | 1.5    | < 2    | 0.76 | 1.0    | 23     | 32     | 18     | 4.25 | 10     | < 1    | 0.22 | 90     | 0.42 | 2300   |
| T27D 914           | 201       | 238 | < 5    | 2.20 | 0.2    | < 5    | 100    | 1.5    | < 2    | 0.27 | 0.5    | 16     | 30     | 18     | 3.28 | 10     | < 1    | 0.42 | 30     | 0.73 | 302    |
| T27D 915           | 201       | 238 | < 5    | 0.23 | 0.2    | 5      | 160    | < 0.5  | < 2    | 5.15 | 3.5    | 5      | 2      | 17     | 0.33 | < 10   | < 1    | 0.02 | < 10   | 0.09 | 88     |
| T27D 916           | 201       | 238 | < 5    | 1.65 | 0.4    | < 5    | 180    | 1.0    | < 2    | 1.91 | 3.0    | 14     | 25     | 28     | 2.56 | < 10   | < 1    | 0.31 | 10     | 0.59 | 2620   |
| T27D 917           | 201       | 238 | < 5    | 2.24 | 0.2    | < 5    | 80     | 1.5    | < 2    | 0.21 | 0.5    | 14     | 34     | 16     | 3.64 | 10     | 1      | 0.18 | 20     | 0.73 | 327    |
| T27D 918           | 201       | 238 | < 5    | 2.10 | 0.2    | 5      | 90     | 2.0    | < 2    | 0.21 | < 0.5  | 14     | 32     | 16     | 3.41 | 10     | < 1    | 0.18 | 30     | 0.63 | 190    |
| T27D 919           | 201       | 238 | < 5    | 2.26 | 0.2    | < 5    | 80     | 1.5    | < 2    | 0.20 | 0.5    | 13     | 41     | 11     | 3.50 | 10     | < 1    | 0.29 | 30     | 0.71 | 229    |
| T27D 920           | 201       | 238 | < 5    | 2.99 | 0.2    | 5      | 210    | 2.0    | < 2    | 1.02 | 1.0    | 22     | 59     | 40     | 4.42 | 10     | < 1    | 0.66 | 30     | 1.05 | 959    |
| T27D 921           | 201       | 238 | < 5    | 3.98 | 0.2    | < 5    | 130    | 2.0    | < 2    | 1.46 | 1.5    | 19     | 52     | 23     | 4.73 | 10     | < 1    | 0.12 | 50     | 1.14 | 3680   |
| T27D 922           | 201       | 238 | < 5    | 2.42 | 0.2    | 5      | 130    | 1.5    | < 2    | 0.36 | 0.5    | 16     | 49     | 21     | 3.73 | 10     | 1      | 0.27 | 20     | 0.97 | 285    |
| T27D 923           | 201       | 238 | < 5    | 2.97 | 0.2    | 10     | 150    | 1.5    | < 2    | 0.28 | < 0.5  | 15     | 43     | 18     | 3.39 | 10     | < 1    | 0.31 | 30     | 0.75 | 408    |
| T27D 924           | 201       | 238 | < 5    | 2.38 | 0.2    | 5      | 140    | 1.5    | < 2    | 0.42 | < 0.5  | 15     | 41     | 18     | 3.53 | 10     | 1      | 0.23 | 30     | 0.81 | 350    |
| T27D 925           | 201       | 238 | < 5    | 2.18 | 0.2    | 5      | 250    | 1.0    | < 2    | 0.95 | 1.0    | 14     | 34     | 32     | 3.00 | 10     | 2      | 0.25 | 40     | 0.67 | 2710   |
| T27D 926           | 201       | 238 | < 5    | 0.36 | 0.2    | < 5    | 110    | < 0.5  | < 2    | 0.14 | < 0.5  | 4      | 7      | 9      | 1.13 | < 10   | < 1    | 0.05 | 20     | 0.07 | 133    |
| T27D 927           | 201       | 238 | < 5    | 0.52 | 0.2    | < 5    | 30     | < 0.5  | < 2    | 0.08 | < 0.5  | 4      | 7      | 4      | 0.90 | 10     | < 1    | 0.02 | 30     | 0.04 | 76     |
| T27D 928           | 201       | 238 | < 5    | 3.69 | 0.2    | < 5    | 100    | 0.5    | < 2    | 0.98 | 0.5    | 42     | 281    | 47     | 3.72 | < 10   | < 1    | 0.06 | 10     | 2.68 | 615    |
| T27D 929           | 201       | 238 | < 5    | 3.05 | 0.2    | < 5    | 100    | 0.5    | < 2    | 0.80 | 0.5    | 26     | 181    | 68     | 3.27 | < 10   | < 1    | 0.04 | 10     | 1.48 | 276    |

CERTIFICATION :



# Chemex Labs Ltd.

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

CHEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project : M543 - DOG  
 Comments: CC:S. MCALLISTER

Page No. 4-B  
 Tot. Pages: 5  
 Date : 9-SEP-87  
 Invoice # : I-8720930  
 P.O. # : 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| SAMPLE DESCRIPTION | PREP CODE |     | Mo  | Na     | Ni  | P    | Pb  | Sb  | Se   | Sr  | Ti   | Tl   | U    | V   | W   | Zn  |
|--------------------|-----------|-----|-----|--------|-----|------|-----|-----|------|-----|------|------|------|-----|-----|-----|
|                    |           |     | ppm | %      | ppm | ppm  | ppm | ppm | ppm  | ppm | %    | ppm  | ppm  | ppm | ppm | ppm |
| T27D 890           | 201       | 238 | < 1 | < 0.01 | 26  | 620  | 4   | < 5 | < 10 | 30  | 0.11 | < 10 | < 10 | 87  | < 5 | 36  |
| T27D 891           | 201       | 238 | < 1 | < 0.01 | 28  | 890  | 6   | < 5 | < 10 | 31  | 0.10 | < 10 | < 10 | 81  | < 5 | 51  |
| T27D 892           | 201       | 238 | < 1 | 0.02   | 41  | 1060 | 28  | < 5 | 10   | 93  | 0.10 | < 10 | < 10 | 47  | < 5 | 74  |
| T27D 893           | 201       | 238 | < 1 | < 0.01 | 16  | 1790 | 6   | < 5 | 10   | 28  | 0.12 | < 10 | < 10 | 123 | < 5 | 61  |
| T27D 894           | 201       | 238 | < 1 | < 0.01 | 18  | 2620 | 4   | < 5 | 10   | 26  | 0.14 | < 10 | < 10 | 129 | < 5 | 92  |
| T27D 895           | 201       | 238 | < 1 | < 0.01 | 31  | 1770 | 24  | < 5 | 10   | 21  | 0.10 | < 10 | < 10 | 68  | < 5 | 145 |
| T27D 896           | 201       | 238 | < 1 | < 0.01 | 5   | 310  | 6   | < 5 | < 10 | 17  | 0.09 | < 10 | < 10 | 35  | < 5 | 21  |
| T27D 897           | 201       | 238 | < 1 | < 0.01 | 5   | 260  | 4   | < 5 | < 10 | 12  | 0.04 | < 10 | < 10 | 12  | < 5 | 10  |
| T27D 898           | 201       | 238 | < 1 | < 0.01 | 30  | 290  | 12  | < 5 | < 10 | 17  | 0.07 | < 10 | < 10 | 37  | < 5 | 37  |
| T27D 899           | 201       | 238 | < 1 | < 0.01 | 17  | 700  | 20  | < 5 | < 10 | 20  | 0.10 | < 10 | < 10 | 49  | < 5 | 50  |
| T27D 900           | 201       | 238 | < 1 | < 0.01 | 10  | 260  | 8   | < 5 | < 10 | 16  | 0.07 | < 10 | < 10 | 41  | < 5 | 27  |
| T27D 901           | 201       | 238 | < 1 | < 0.01 | 21  | 760  | 24  | < 5 | < 10 | 16  | 0.09 | < 10 | < 10 | 47  | < 5 | 36  |
| T27D 902           | 201       | 238 | < 1 | < 0.01 | 28  | 500  | 14  | < 5 | < 10 | 16  | 0.08 | < 10 | < 10 | 43  | < 5 | 43  |
| T27D 903           | 201       | 238 | < 1 | < 0.01 | 20  | 920  | 10  | < 5 | 10   | 10  | 0.06 | < 10 | < 10 | 37  | < 5 | 79  |
| T27D 904           | 201       | 238 | < 1 | 0.04   | 75  | 670  | 82  | < 5 | 10   | 97  | 0.22 | < 10 | < 10 | 71  | < 5 | 120 |
| T27D 905           | 201       | 238 | < 1 | < 0.01 | 84  | 630  | 2   | < 5 | 10   | 17  | 0.51 | < 10 | < 10 | 142 | < 5 | 50  |
| T27D 906           | 201       | 238 | < 1 | 0.02   | 46  | 250  | 12  | < 5 | 10   | 30  | 0.33 | < 10 | < 10 | 94  | < 5 | 33  |
| T27D 907           | 201       | 238 | < 1 | 0.01   | 26  | 1100 | 16  | < 5 | 10   | 11  | 0.22 | < 10 | < 10 | 103 | < 5 | 47  |
| T27D 908           | 201       | 238 | < 1 | 0.01   | 41  | 780  | 14  | < 5 | 10   | 19  | 0.21 | < 10 | < 10 | 77  | < 5 | 91  |
| T27D 909           | 201       | 238 | < 1 | < 0.01 | 24  | 750  | 30  | < 5 | 10   | 17  | 0.14 | < 10 | < 10 | 63  | < 5 | 68  |
| T27D 910           | 201       | 238 | < 1 | < 0.01 | 19  | 350  | 18  | < 5 | < 10 | 17  | 0.13 | < 10 | < 10 | 48  | < 5 | 48  |
| T27D 911           | 201       | 238 | < 1 | < 0.01 | 17  | 330  | 22  | < 5 | < 10 | 18  | 0.13 | < 10 | < 10 | 47  | < 5 | 47  |
| T27D 912           | 201       | 238 | < 1 | 0.01   | 31  | 830  | 68  | < 5 | 10   | 49  | 0.14 | < 10 | < 10 | 48  | < 5 | 113 |
| T27D 913           | 201       | 238 | < 1 | < 0.01 | 35  | 680  | 48  | < 5 | 10   | 53  | 0.06 | < 10 | < 10 | 33  | < 5 | 103 |
| T27D 914           | 201       | 238 | < 1 | 0.01   | 25  | 410  | 54  | < 5 | < 10 | 47  | 0.12 | < 10 | < 10 | 37  | < 5 | 81  |
| T27D 915           | 201       | 238 | < 1 | < 0.01 | 4   | 610  | 4   | < 5 | < 10 | 310 | 0.01 | < 10 | < 10 | 4   | < 5 | 13  |
| T27D 916           | 201       | 238 | < 1 | 0.02   | 21  | 900  | 42  | 5   | 10   | 151 | 0.08 | < 10 | < 10 | 26  | < 5 | 97  |
| T27D 917           | 201       | 238 | < 1 | < 0.01 | 23  | 540  | 66  | < 5 | < 10 | 25  | 0.15 | < 10 | < 10 | 45  | < 5 | 84  |
| T27D 918           | 201       | 238 | < 1 | 0.01   | 23  | 850  | 44  | < 5 | < 10 | 32  | 0.13 | < 10 | < 10 | 43  | < 5 | 67  |
| T27D 919           | 201       | 238 | < 1 | < 0.01 | 25  | 250  | 36  | < 5 | < 10 | 35  | 0.17 | < 10 | < 10 | 44  | < 5 | 62  |
| T27D 920           | 201       | 238 | < 1 | 0.03   | 42  | 970  | 12  | < 5 | 10   | 92  | 0.14 | < 10 | < 10 | 68  | < 5 | 95  |
| T27D 921           | 201       | 238 | < 1 | 0.06   | 27  | 860  | 106 | 5   | 20   | 212 | 0.14 | < 10 | < 10 | 40  | 10  | 94  |
| T27D 922           | 201       | 238 | 1   | 0.01   | 29  | 1140 | 12  | < 5 | < 10 | 29  | 0.15 | < 10 | < 10 | 66  | < 5 | 55  |
| T27D 923           | 201       | 238 | < 1 | 0.03   | 28  | 470  | 22  | < 5 | 10   | 52  | 0.16 | < 10 | < 10 | 46  | < 5 | 69  |
| T27D 924           | 201       | 238 | 1   | 0.01   | 29  | 950  | 4   | < 5 | < 10 | 33  | 0.14 | < 10 | < 10 | 63  | < 5 | 75  |
| T27D 925           | 201       | 238 | < 1 | 0.01   | 33  | 750  | 16  | < 5 | 10   | 70  | 0.10 | < 10 | < 10 | 50  | < 5 | 87  |
| T27D 926           | 201       | 238 | 1   | < 0.01 | 4   | 230  | 4   | < 5 | < 10 | 15  | 0.06 | < 10 | < 10 | 25  | < 5 | 21  |
| T27D 927           | 201       | 238 | < 1 | < 0.01 | 2   | 180  | 6   | < 5 | < 10 | 13  | 0.07 | < 10 | < 10 | 28  | < 5 | 13  |
| T27D 928           | 201       | 238 | < 1 | < 0.01 | 117 | 320  | < 2 | < 5 | 10   | 33  | 0.05 | < 10 | < 10 | 95  | < 5 | 43  |
| T27D 929           | 201       | 238 | < 1 | < 0.01 | 103 | 300  | 6   | < 5 | 10   | 25  | 0.07 | < 10 | < 10 | 96  | < 5 | 41  |

CERTIFICATION :



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

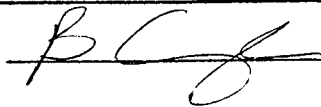
HEVRON CANADA RESOURCES LTD.  
 MINERALS STAFF  
 1900 - 1055 W. HASTINGS ST.  
 VANCOUVER, B.C.  
 V6E 2E9

Project : M543 - DOG  
 Comments: CC: S. MCALLISTER

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 Tot. Pages: 5  
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 P.O. #: 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| 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 |
|--------------------|-----------|--------------|------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|--------|------|--------|
| T27D 930           | 201 238   | < 5          | 1.78 | 0.4    | < 5    | 120    | < 0.5  | < 2    | 0.81 | 0.5    | 17     | 90     | 24     | 2.19 | < 10   | < 1    | 0.06 | 10     | 0.70 | 683    |
| T27D 931           | 201 238   | < 5          | 1.78 | 0.4    | < 5    | 90     | 0.5    | < 2    | 0.63 | 0.5    | 18     | 84     | 16     | 2.63 | < 10   | < 1    | 0.07 | 10     | 0.67 | 242    |
| T27D 932           | 201 238   | < 5          | 3.57 | 0.4    | < 5    | 120    | 0.5    | < 2    | 1.08 | 0.5    | 33     | 309    | 31     | 3.22 | < 10   | < 1    | 0.08 | < 10   | 2.14 | 401    |
| T27D 933           | 201 238   | < 5          | 3.21 | 0.4    | < 5    | 90     | 0.5    | < 2    | 1.02 | < 0.5  | 28     | 259    | 36     | 3.00 | < 10   | < 1    | 0.04 | 10     | 2.07 | 313    |
| T27D 934           | 201 238   | < 5          | 2.31 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.85 | < 0.5  | 21     | 131    | 38     | 2.79 | < 10   | < 1    | 0.03 | 20     | 1.07 | 390    |
| T27D 935           | 201 238   | < 5          | 1.79 | < 0.2  | < 5    | 110    | < 0.5  | < 2    | 0.85 | < 0.5  | 15     | 99     | 11     | 2.00 | < 10   | < 1    | 0.06 | 20     | 0.81 | 618    |
| T27D 936           | 201 238   | < 5          | 1.68 | < 0.2  | < 5    | 120    | < 0.5  | < 2    | 0.60 | 0.5    | 15     | 78     | 8      | 2.52 | < 10   | < 1    | 0.04 | 20     | 0.63 | 381    |
| T27D 937           | 201 238   | < 5          | 1.65 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.81 | < 0.5  | 16     | 84     | 29     | 2.32 | < 10   | < 1    | 0.07 | 20     | 0.80 | 490    |
| T27D 938           | 201 238   | < 5          | 2.00 | < 0.2  | < 5    | 100    | < 0.5  | < 2    | 0.88 | < 0.5  | 20     | 82     | 11     | 2.44 | < 10   | < 1    | 0.06 | 20     | 0.81 | 480    |
| T27D 939           | 201 238   | < 5          | 1.76 | < 0.2  | < 5    | 130    | < 0.5  | < 2    | 0.84 | < 0.5  | 17     | 96     | 7      | 2.51 | < 10   | < 1    | 0.04 | 20     | 0.67 | 325    |
| T27D 940           | 201 238   | < 5          | 2.03 | < 0.2  | < 5    | 140    | < 0.5  | < 2    | 0.94 | 0.5    | 19     | 105    | 32     | 2.71 | < 10   | < 1    | 0.05 | 20     | 1.07 | 336    |
| T27D 941           | 201 238   | < 5          | 1.79 | < 0.2  | < 5    | 150    | < 0.5  | < 2    | 0.90 | < 0.5  | 17     | 83     | 16     | 2.64 | < 10   | < 1    | 0.11 | 20     | 0.86 | 366    |
| T27D 942           | 201 238   | < 5          | 1.95 | < 0.2  | < 5    | 80     | < 0.5  | < 2    | 0.87 | 0.5    | 15     | 87     | 7      | 2.22 | < 10   | < 1    | 0.05 | 20     | 0.80 | 232    |
| T27D 943           | 201 238   | < 5          | 2.10 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.93 | 0.5    | 17     | 111    | 25     | 2.46 | < 10   | < 1    | 0.03 | 20     | 1.02 | 239    |
| T27D 944           | 201 238   | < 5          | 1.74 | < 0.2  | < 5    | 90     | < 0.5  | < 2    | 0.52 | < 0.5  | 14     | 70     | 11     | 2.74 | < 10   | < 1    | 0.02 | 10     | 0.69 | 226    |

CERTIFICATION : 



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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

PHONE (604) 984-0221

HEVRON CANADA RESOURCES LTD.  
MINERALS STAFF  
1900 - 1055 W. HASTINGS ST.  
VANCOUVER, B.C.  
V6E 2E9

Project : M543 - DOG

Comments: CC:S. MCALLISTER

Page No. -B  
Tot. Pages: 5  
Date : 9-SEP-87  
Invoice #: I-8720930  
P.O. #: 56859/60

## CERTIFICATE OF ANALYSIS A8720930

| SAMPLE DESCRIPTION | PREP CODE |     | Mo  | Na     | Ni  | P    | Pb  | Sb  | Se   | Sr  | Ti   | Tl   | U    | V   | W   | Zn  |
|--------------------|-----------|-----|-----|--------|-----|------|-----|-----|------|-----|------|------|------|-----|-----|-----|
|                    |           |     | ppm | %      | ppm | ppm  | ppm | ppm | ppm  | ppm | ppm  | %    | ppm  | ppm | ppm | ppm |
| T27D 930           | 201       | 238 | < 1 | < 0.01 | 51  | 520  | 4   | < 5 | < 10 | 41  | 0.10 | < 10 | < 10 | 70  | < 5 | 70  |
| T27D 931           | 201       | 238 | < 1 | < 0.01 | 47  | 1310 | < 2 | < 5 | < 10 | 32  | 0.11 | < 10 | < 10 | 75  | < 5 | 107 |
| T27D 932           | 201       | 238 | < 1 | < 0.01 | 114 | 430  | 4   | < 5 | 10   | 36  | 0.07 | < 10 | < 10 | 80  | < 5 | 39  |
| T27D 933           | 201       | 238 | < 1 | < 0.01 | 103 | 210  | 4   | < 5 | < 10 | 32  | 0.08 | < 10 | < 10 | 79  | < 5 | 38  |
| T27D 934           | 201       | 238 | 1   | < 0.01 | 97  | 540  | 8   | < 5 | < 10 | 34  | 0.09 | < 10 | < 10 | 75  | 10  | 45  |
| T27D 935           | 201       | 238 | < 1 | < 0.01 | 44  | 540  | < 2 | < 5 | < 10 | 31  | 0.08 | < 10 | < 10 | 58  | 5   | 39  |
| T27D 936           | 201       | 238 | < 1 | < 0.01 | 39  | 520  | < 2 | < 5 | < 10 | 29  | 0.11 | < 10 | < 10 | 67  | 10  | 46  |
| T27D 937           | 201       | 238 | < 1 | < 0.01 | 50  | 710  | 2   | < 5 | < 10 | 34  | 0.11 | < 10 | < 10 | 62  | 5   | 42  |
| T27D 938           | 201       | 238 | < 1 | < 0.01 | 45  | 520  | 2   | 5   | < 10 | 35  | 0.12 | < 10 | < 10 | 71  | 5   | 44  |
| T27D 939           | 201       | 238 | < 1 | < 0.01 | 54  | 370  | 8   | < 5 | < 10 | 31  | 0.12 | < 10 | < 10 | 73  | 5   | 36  |
| T27D 940           | 201       | 238 | < 1 | < 0.01 | 73  | 1610 | 20  | < 5 | < 10 | 38  | 0.08 | < 10 | < 10 | 67  | 5   | 51  |
| T27D 941           | 201       | 238 | < 1 | 0.01   | 69  | 1700 | 4   | < 5 | < 10 | 41  | 0.09 | < 10 | < 10 | 66  | 5   | 50  |
| T27D 942           | 201       | 238 | < 1 | < 0.01 | 42  | 720  | 2   | < 5 | < 10 | 36  | 0.11 | < 10 | < 10 | 63  | 5   | 50  |
| T27D 943           | 201       | 238 | < 1 | 0.01   | 66  | 900  | 10  | < 5 | < 10 | 34  | 0.09 | < 10 | < 10 | 63  | < 5 | 43  |
| T27D 944           | 201       | 238 | < 1 | < 0.01 | 37  | 280  | < 2 | < 5 | < 10 | 30  | 0.11 | < 10 | < 10 | 77  | 5   | 51  |

CERTIFICATION :



**APPENDIX IV**  
**ANALYTICAL TECHNIQUES**



# Chemex Labs Ltd.

*Analytical Chemists*

*Geochemists*

*Registered Assayers*

212 Brooksbank Ave.  
North Vancouver, B.C.  
Canada V7J 2C1

Phone: (604) 984-0221  
Telex: 043-52597

Gold F.A.-A.A. Combo Method ppb:

For low grade samples and geochemical materials, 10 gram samples are fused in litharge, carbonate and siliceous flux with the addition of 10 mg of Au-free Ag metal and cupelled. The silver bead is parted with dilute HNO<sub>3</sub> and then treated with aqua regia. The salts are dissolved in dilute HCl and analyzed for Au on an atomic absorption spectrophotometer.

Detection limit: 5 ppb



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Canada V7J 2C1

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Telex: 043-52597

## 32 ELEMENT ICP PROCEDURE

The 32-element geochemistry package is a ICP analysis of a Nitric-Aqua Regia digestion. The package is especially suited for trace metals in soil and rock samples. The digestion liberates these metals in soils and also dissolves a major portion of trace metals from rock-forming minerals. Major element constituents of rock-forming and resistate minerals are only partly leached. Elements for which this digestion is incomplete are Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Th, Ti, V and W.

Half a gram of sample is digested in nitric acid, followed by an Aqua-Regia digestion, then taken up to a volume of 25 mls. The resulting solution is analysed via inductively coupled plasma atomic emission spectroscopy.

**APPENDIX V**  
**STATEMENT OF EXPLORATION AND DEVELOPMENT**



**DRILLING**

(Details in report submitted as per section 8 of regulations.)  
(The itemized cost statement must be part of the report.)

|                        |
|------------------------|
| COST                   |
| 761294 H <del>45</del> |

**D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL**

(Details in report submitted as per section 5, 6, or 7 of regulations.)  
(The itemized cost statement must be part of the report.)  
(State type of work in space below.)

|   |             |
|---|-------------|
| <i>Ecology and geochemical sampling</i> | \$18,332.78 |
| TOTAL OF C AND D                        | \$18,332.78 |

*Report to follow within 90 days*

Where the above statement requires a technical report as per section C of the Mineral Act Regulations, the author of the report shall complete both copies of the ASSESSMENT REPORT TITLE PAGE AND SUMMARY form and include the completed forms in the assessment reports.

Who was the operator (provided the financing)?

Name *Chevron Canada Resources Limited*  
Address *1900-1055 W. Hastings St.*  
*Vancouver B.C. V6E 2E9*

**Portable Assessment Credits (PAC) Withdrawal Request**

Amount to be withdrawn from owner(s) or operator(s) account(s):

| Name of Owner/Operator   |  | AMOUNT |
|--|--|--------|
| 1. [May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.] |  |        |
| 2.   |  |        |
| 3.   |  |        |
| TOTAL WITHDRAWAL   |  |        |
| TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL  |  |        |

I wish to apply \$ ~~14,000~~ *8,000 SM* of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record number.)

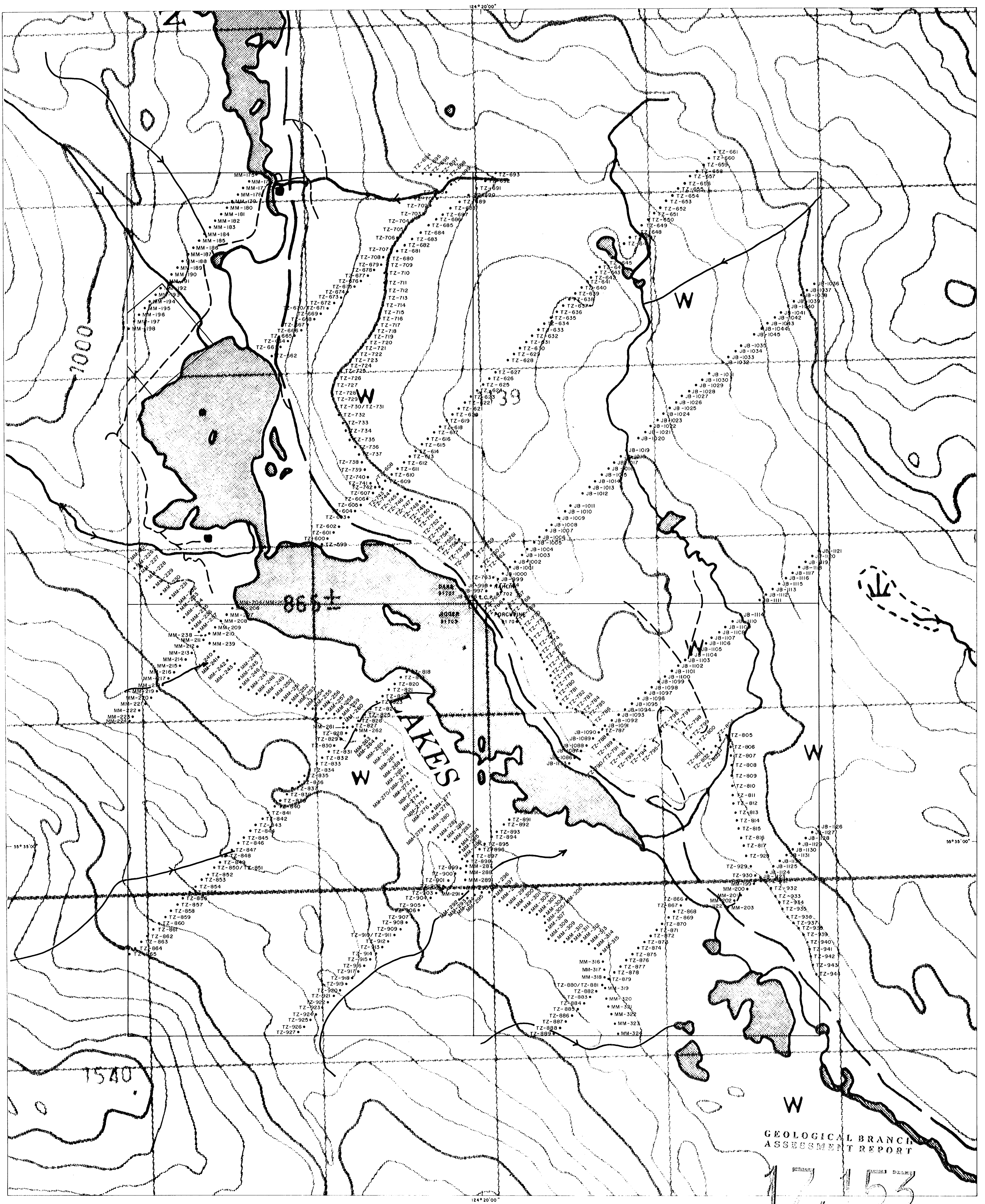
| CLAIM            | RECORD #    | MONTH          | UNITS     | WORK APPLIED                       | YEARS EARNED |
|------------------|-------------|----------------|-----------|------------------------------------|--------------|
| <i>Tigger</i>    | <i>8022</i> | <i>October</i> | <i>20</i> | <i>\$4,000 2,000 SM &amp; 1 SM</i> |              |
| <i>Percupine</i> | <i>8023</i> | <i>October</i> | <i>20</i> | <i>\$4,000 2,000 SM &amp; 1 SM</i> |              |
| <i>Dare</i>      | <i>8024</i> | <i>October</i> | <i>20</i> | <i>\$4,000 2,000 SM &amp; 1 SM</i> |              |
| <i>Nahlin</i>    | <i>8025</i> | <i>October</i> | <i>20</i> | <i>\$4,000 2,000 SM &amp; 1 SM</i> |              |

Value of work to be credited to portable assessment credit (PAC) account(s).  
[May only be credited from the approved value of C and (or) D not applied to claims.]

| Name of owner/operator | Name                         | AMOUNT                |
|------------------------|------------------------------|-----------------------|
| 1.                     | <i>Chevron Minerals Ltd.</i> | <i>\$2,332.78</i>     |
| 2.                     |                              | <i>\$10,332.78 SM</i> |
| 3.                     |                              |                       |

I, the undersigned Free Miner, hereby acknowledge and understand that it is an offence to knowingly make a false statement or provide false information under the *Mineral Act*. I further acknowledge and understand that if the statements made, or information given, in this Statement of Exploration and Development are found to be false and the exploration and development has not been performed, as alleged in this Statement of Exploration and Development, then the work reported on this statement will be cancelled and the subject mineral claim(s) may, as a result, forfeit to and vest back to the Province.

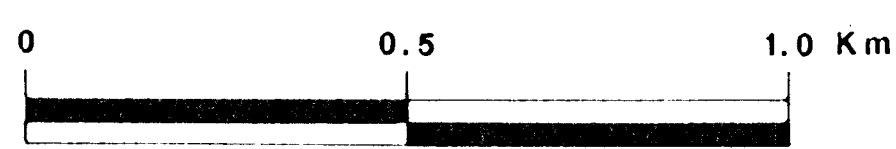
*J. M. Elliott*  
Signature of Applicant



**LEGEND**

• Soil Sample (7D Series)

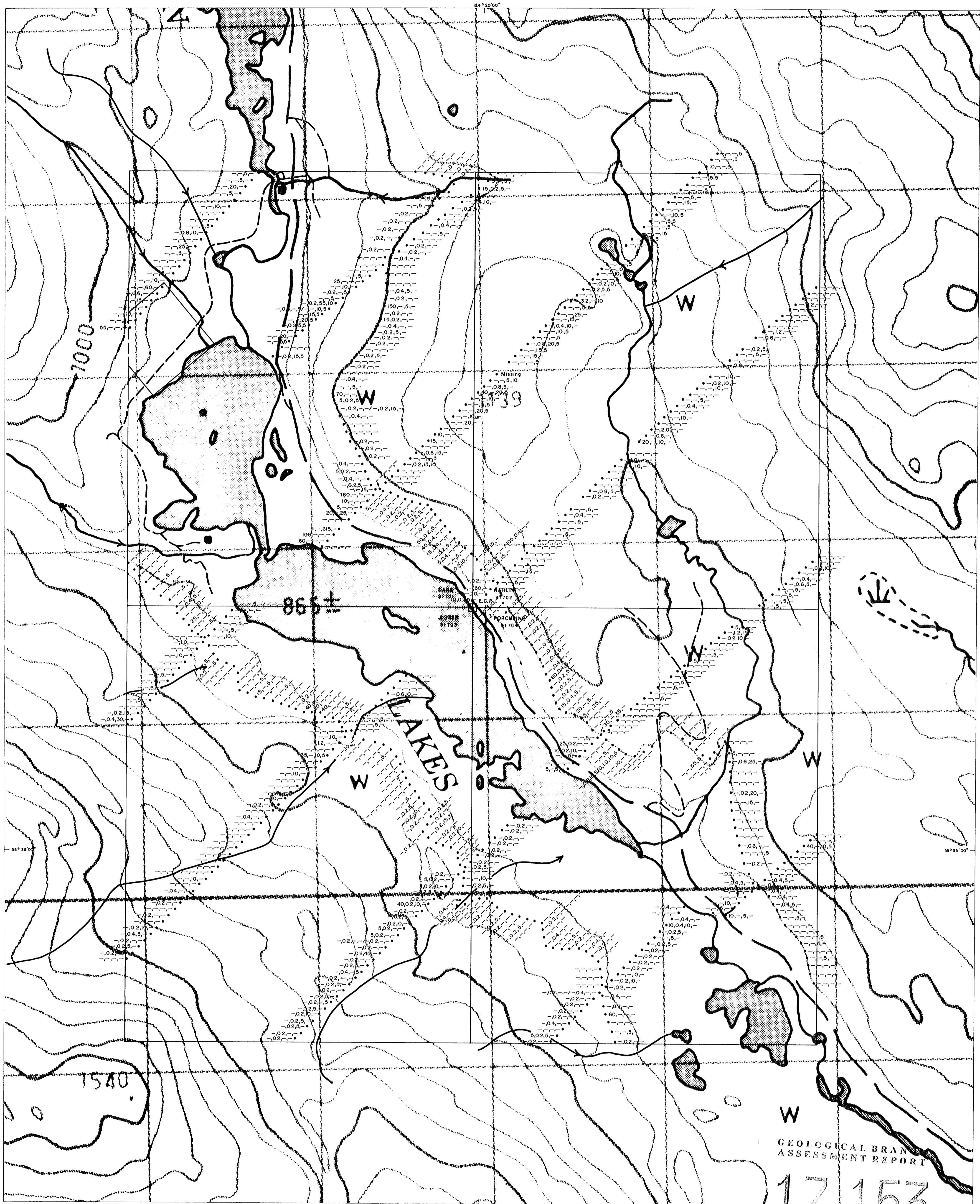
**SCALE**



**Chevron Canada Resources Limited**  
Minerals Staff

**DOG GROUP  
SAMPLE LOCATIONS  
SOILS**

|                |           |                  |  |
|----------------|-----------|------------------|--|
| FIGURE No 4    |           | PROJECT No M 543 |  |
| DATE SEPT.1987 | REVISIONS | SCALE 1:10,000   |  |
| NTS No 93N/9W  |           | FILE No C-216    |  |
| COMPILED BY SM |           |                  |  |



**LEGEND**

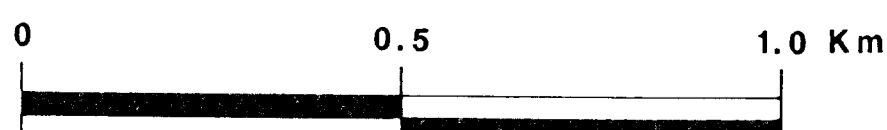
**SAMPLE TYPE**

- Soil (7D Series)

**ASSAYS**

- Au (ppb), Ag (ppm), As (ppm), Sb (ppm)
- Au <5ppb plotted as -
- Ag <0.2ppm plotted as -
- As <5ppm plotted as -
- Sb <5ppm plotted as -

**SCALE**

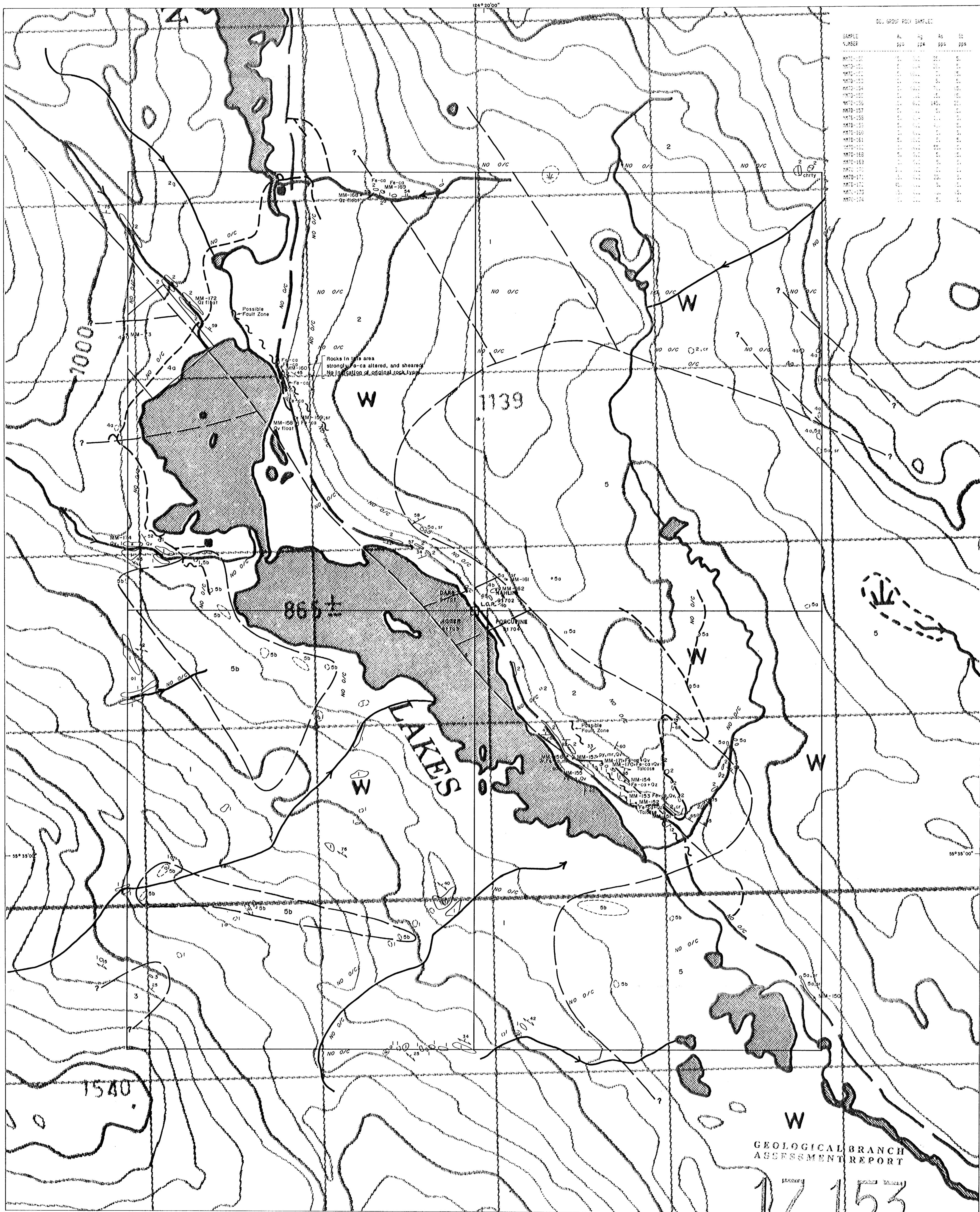


**Chevron Canada Resources Limited**  
Minerals Staff

**DOG GROUP**  
**SOIL GEOCHEMISTRY**  
(Au, Ag, As, Sb)

|                |                   |                |
|----------------|-------------------|----------------|
| FIGURE No 5    | PROJECT No. M 543 |                |
| DATE SEPT.1987 | REVISIONS         | SCALE 1:10,000 |
| NTS No 93N/9W  |                   | FILE No C-215  |
| COMPILED BY SM |                   |                |





DOG GROUP FOOT SAMPLES

| SAMPLE NUMBER | AS  | AG  | AS  | CC  |
|---------------|-----|-----|-----|-----|
|               | 999 | 994 | 995 | 998 |
| MM-152        |     |     |     |     |
| MM-153        |     |     |     |     |
| MM-154        |     |     |     |     |
| MM-155        |     |     |     |     |
| MM-156        |     |     |     |     |
| MM-157        |     |     |     |     |
| MM-158        |     |     |     |     |
| MM-159        |     |     |     |     |
| MM-160        |     |     |     |     |
| MM-161        |     |     |     |     |
| MM-162        |     |     |     |     |
| MM-163        |     |     |     |     |
| MM-164        |     |     |     |     |
| MM-165        |     |     |     |     |
| MM-166        |     |     |     |     |
| MM-167        |     |     |     |     |
| MM-168        |     |     |     |     |
| MM-169        |     |     |     |     |
| MM-170        |     |     |     |     |
| MM-171        |     |     |     |     |
| MM-172        |     |     |     |     |
| MM-173        |     |     |     |     |
| MM-174        |     |     |     |     |

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

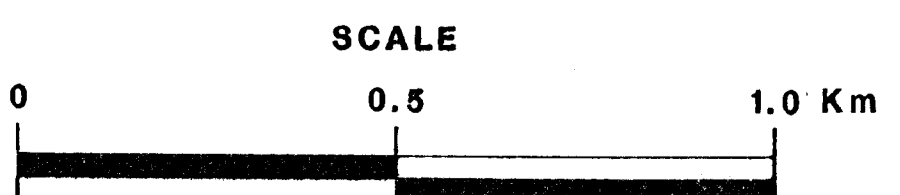
17,153

- UPPER JURASSIC or LOWER CRETACEOUS  
Omenica Intrusions
- [5] Diorite
  - [3B] Granite
- PENNSYLVANIAN and PERMIAN  
Slide Mountain Group
- [4] Greenstone
  - [4B] Serpentine
- [3] Limestone
- [2] Argillite, calcareous
- PROTEROZOIC to PALEOZOIC  
Wolverine Complex
- [ ] Biotite-chlorite schist
- NOTE: Invasive contacts inferred

**LEGEND**

- SYMBOLS**
- Folliation; inclined
  - Bedding; inclined
  - Cleavage; inclined
  - Outcrop
  - Float
  - \*MM-152 Rock Sample (7D Series)
  - Logging road
  - Geological Contact
  - Fault; inferred

- ABBREVIATIONS**
- Fe-ca Iron-carbonate alteration
  - mr marposite
  - py pyrite
  - Qz siliceous alteration (quartz)
  - Qv quartz vein
  - sh shear
  - sr serpentine ± chlorite
  - chrly cherty
  - cr carbonaceous



**Chevron** Chevron Canada Resources Limited  
Minerals Staff

**DOG GROUP  
GEOLOGY AND ROCK  
GEOCHEMISTRY**

|                 |           |                   |  |
|-----------------|-----------|-------------------|--|
| FIGURE No. 3    |           | PROJECT No. M 543 |  |
| DATE SEPT. 1987 | REVISIONS | SCALE 1:10,000    |  |
| NTS No. 93N/9W  |           | FILE No. G-42     |  |
| COMPILED BY SM  |           |                   |  |