

83-#233 - 11372

ASSESSMENT REPORT

DRILL HOLE MG83-4

May 9 - May 11, 1983

CIN AND DY CLAIMS

N.T.S. 92I/8W

KAMLOOPS AND NICOLA MINING DIVISIONS

STUMP LAKE AREA

LATITUDE 50°23'32" APP.

LONGITUDE 120°21'36" APP.

OWNER: MR. J. DE LATRE

OPERATOR: CHEVRON CANADA RESOURCES LIMITED

AUTHOR: LARRY DEKKER

June, 1983

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,372

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Notice to Group CIN and DY claims

Claim Location Map

Core Description DDH MG83-4

Certificate of Analysis Core Samples Ag, As, Au

INTRODUCTION

The CIN and DY claims are located north and east of the Microgold property which exhibits characteristics associated with the upper levels of an epithermal precious metal system with anomalous amounts of Au, Ag, Hg, As, F and Sb occurring in silica filled fractures at surface. The Microgold property was optioned by Chevron Canada Resources Limited on October 14, 1982 from prospector John de Latre. In the fall of 1982 Chevron staked the CIN and DY claims to protect possible extensions of favourable geology and mineralization.

A program of geological mapping and geochemical prospecting was carried out followed by a 4 hole diamond drill program, three of which were located on the Microgold claim and one hole, MG82-4, on the CIN claim. The results and expenditures of hole MG82-4, cored to 297' (90.53m), are filed for 2 years' assessment work credits.

The CIN and DY claims were grouped on June 14, 1983 into the CINDY claims in which Chevron subsequently relinquished its interests to Mr. J. de Latre.

LOCATION AND ACCESS

The property is located in south-central British Columbia approximately 40 km south of the city of Kamloops (Fig. 1). Access to the property is via paved Highway No. 5. The north end of the property is easily accessible from the well maintained Anderson Lake gravel road which runs through the property. The DY claim overlaps the CIN claim with 4 units. The Legal Corner Posts of the Microgold and the DY claims are located in the same place.

CLAIM LOCATION



FIGURE 1

CLAIMS

<u>CLAIM</u>	<u>RECORD NUMBER</u>	<u>UNITS</u>	<u>RECORD DATE</u>
CIN	4210	20	October 7, 1982
DY	1307	16	November 1, 1982

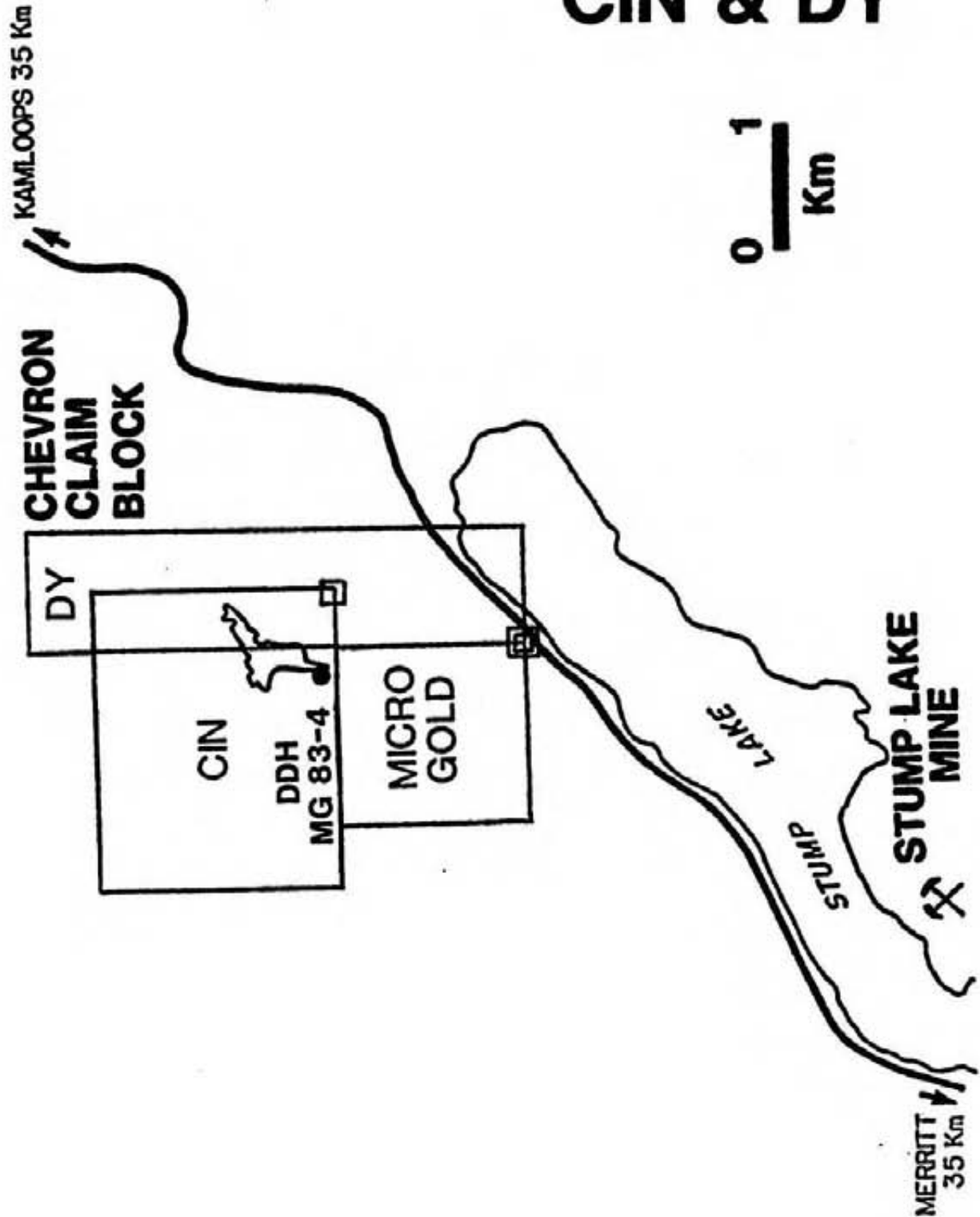
The CIN claim was staked on September 24 and 25, 1982 by L. Dekker for Chevron and recorded on October 7, 1983 in Kamloops. The claim consists of 20 units (Fig. 2). The DY claim consists of 16 units and was staked by M. Thicke for Chevron on October 2 and 3, 1982 and recorded at Merritt on November 1. The CIN and DY claims are contiguous with the Microgold claim to the south and west.

After having carried out geological and geochemical work and a diamond drill program on the southern part of the CIN claim and the Microgold property, Chevron grouped the CIN and DY claims into the CINDY claim on June 14, 1983 and applied 2 years' of assessment work credits (this report). This CINDY claim was then sold to prospector Mr J. de Latre on June 14, 1983.

GEOLOGY

The host rock of the majority of the mineralization is Triassic Nicola greenstone, an undivided sequence of volcanoclastics. An exception to this occurs at the southern end of Kullagh Lake on the CIN claim. At this location a sequence of fine (mudstone-siltstone) to coarse (conglomerate) sedimentary clastics outcrops. On the eastern part of the property and in fault contact with the Nicola Group rocks are Tertiary Kamloops Group volcanics.

FIGURE 2
**CLAIM LOCATION
CIN & DY**



A definitive recognition of original, compositional layering was limited to the southern end of Kullagh Lake where the varied sedimentary clastics outcrop. These mudstones and conglomerates strike north-northeast/south-southwest. On the west side of the lake they dip towards the east; on the east side of the lake they dip towards the west. A synform or trough is thus defined. Layering, original or otherwise, is difficult to recognize with any degree of certainty within the greenstones.

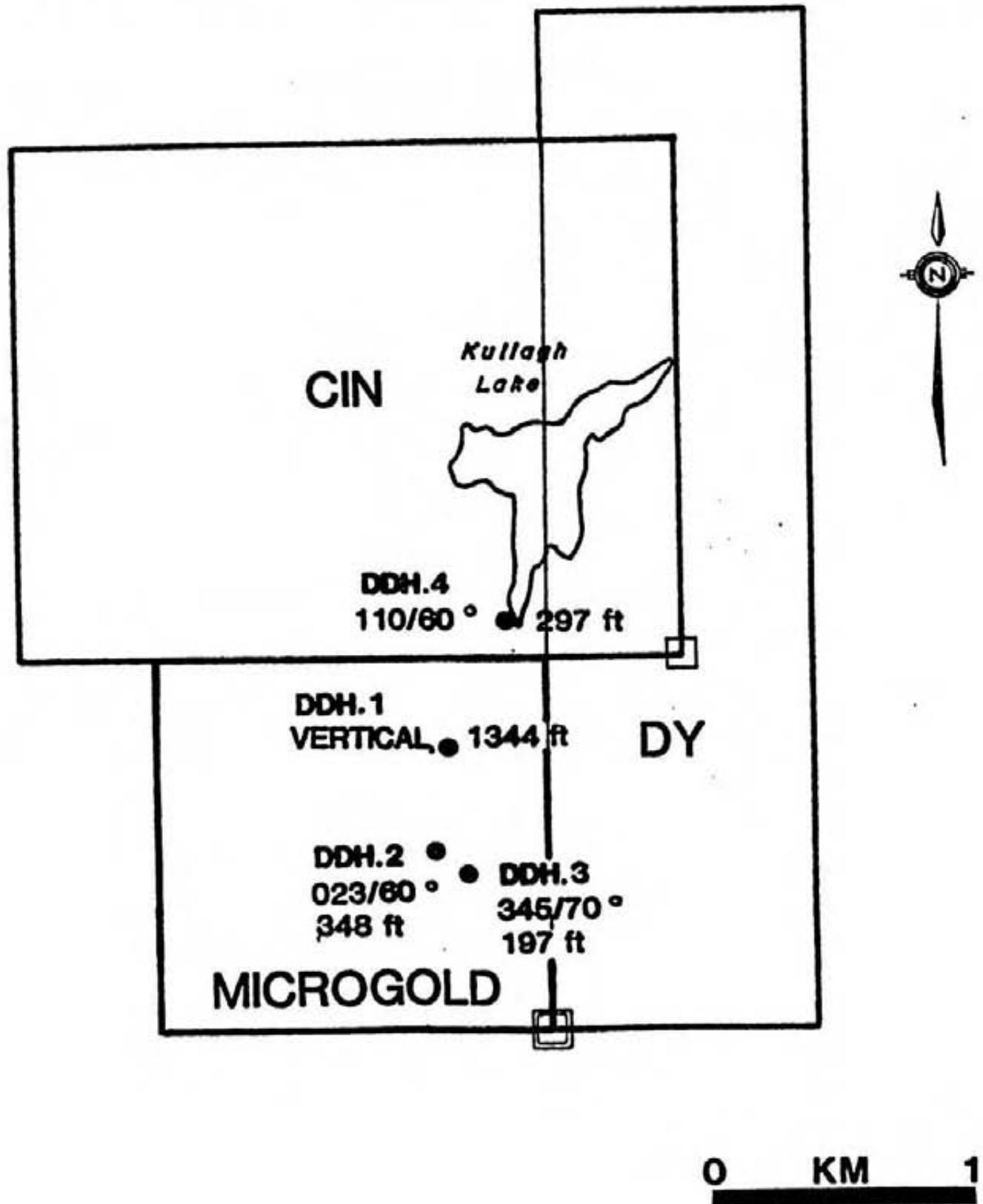
The dominant structural feature on the property is the fracture pattern. These fractures constitute a conjugate pattern, the orientations being 020°, 070° and 320°. As there were no offsets of conjugate fracture junctions recognized, it would appear that either there has been no movement on these structures since their inception or what movement there has been was very restricted.

MINERALIZATION

All mineralization recognized is vein-like and is confined to the fractures. The fracture fill generally consists of a blue-grey, or cream or light-grey, chalcedonic quartz. Zones of quartz-carbonate alteration, at the intersection of three or more fractures have also been recognized. Fluorite is common within the veins and may be abundant, e.g. the Redbird fluorite showing immediately to the south of the CIN property. The fractures are commonly narrow (cm's) but en-echelon conjugate veins may attain considerable width in the general area (up to 8 m or more).

FIGURE 3

DIAMOND DRILL LOCATIONS



DRILLING ON CLAIMS

An angled hole, MG83-4 (Fig. 3), was drilled on the western limb of the topographic depression at the south end of Kullagh Lake. This depression is defined by clastics grading from very fine grained siltstones to coarse conglomerates and by inward dipping banded chalcedony and silica layers (veins?) up to 9' thick and anomalous in Au. This trough was interpreted to represent a major fault zone which could define a possible hydrothermal feeder. To test the hypothesis of an increase in quartz stockwork veining together with precious metals with depth, three other NQ diamond drill holes were drilled to the south on the adjacent Microgold claim (Fig. 3). (See Microgold 1983 assessment report for further discussion.)

DRILL RESULTS HOLE MG83-4

From surface to 4.55 m the drill intersected a succession of clastics grading from siltstones to very coarse conglomerates, similar to the surface exposures. The section from 4.55 - 90.53 m (T.D.) consists of alternating green and red greenstones and coarse fragmental agglomerates, andesitic in composition. These rocks are moderately to strongly fractured (mm to cm size) with fracture fill mostly consisting of varying proportion of calcite, chlorite, hematite, chalcedony and accessory fluorite and pyrite. Several zones of intense shearing were intersected as well. For a detailed core description one is referred to the diamond drill records in the Appendix.

CONCLUSIONS

This drill hole tested the immediate and shallow potential of the prospect adequately. No clear indications of good stockwork development exist and fracture filling is narrow. A total of 21 core samples taken from representative lithologies were analyzed for Au, Ag and As. Two samples from a section of silica veins and silica breccia at 53.65 to 54.55 m yielded slightly anomalous Au values of 950 ppb and 1125 ppb respectively. These values are comparable to those obtained from surface rock samples on the property where the Au anomaly threshold is 440 ppb. Highest Ag value was 4.4 ppm which came from the sample carrying 950 ppb Au.

RECOMMENDATIONS

We feel that the shallow, immediate potential of the prospect has been adequately tested. The potential for a small Au deposit still exists along the fault zone, providing the width and intensity of the quartz/chalcedony veining increases with depth and possibly along the strike of the structure. This would require a substantial commitment in drilling funds which at this time is not warranted. No further work is, therefore, recommended.



Respectfully submitted,

A handwritten signature in black ink, which appears to read "Larry Dekker". The signature is written in a cursive style and is positioned above the printed name and company information.

Larry Dekker, P.Eng., M.Sc.
Chevron Canada Resources Limited

COST STATEMENT
1983 DRILL PROGRAM
HOLE MG83-4
CIN AND DY CLAIMS
(now grouped as CINDY Claim)
KAMLOOPS AND NICOLA MINING DIVISIONS

PERIOD May 9 - May 11, 1983.

COSTS

1) LABOUR

	<u>Position</u>	<u>Field Days</u>	
D. Shaw	Geologist	3	
L. Dekker	Senior Geologist	2	
Average cost per man/day \$100 x 5		=	\$ 500.00

2) DRILLING

Direct footage cost NQ core 0-297' at \$14.75/ft.	\$4,380.75	
Mob and Demob	400.00	
D-6 and Back Hoe	182.50	
Core Boxes (19 at \$7.75/box)	147.25	
Drilling Supplies	185.50	
12' NW Casing, Casing Shoe and Cap	<u>486.54</u>	
		5,782.54

3) REHABILITATION AND RECLAMATION

Restoration and Reseeding		1,030.11
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4) ASSAYS

21 samples analyzed for Ag, Au, As at \$13.90/sample		291.90
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5) REPORT PREPARATION

		<u>250.00</u>
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TOTAL		\$7,854.55
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We are filing assessment work to keep the CINDY claim in good standing until October 7, 1984.

Total cost 2 years at \$100/unit/36 units = \$7,200.

PERSONS EMPLOYED ON CIN AND DY CLAIMS

Larry Dekker
850 Cardero Street
Vancouver, B. C.
V6G 2G5

David Shaw
#307 - 1080 Pacific Street
Vancouver, B. C.
V6E 4C2

STATEMENT OF QUALIFICATIONS

I, Larry Dekker, have worked as a geologist since graduation from the University of Amsterdam, the Netherlands, with a B.Sc. Degree in Geology (1965) and a M.Sc. Degree in Stratigraphy and Sedimentology (1969).

I am a licensee (P.Eng.) of the Association of Professional Engineers, Geologists and Geophysicists of the Province of Alberta, a Fellow of the Geological Association of Canada, a member of the American Association of Petroleum Geologists and a member of the Canadian Society of Petroleum Geologists.

I am currently employed as a Senior Geologist by Chevron Canada Resources Limited in Vancouver, B. C. and have been with this company for 14 years.

The drilling on the CIN claim was performed under my direction.

STATEMENT OF QUALIFICATIONS

David Shaw has worked as a geologist on a seasonal basis since graduation from the University of Sheffield (England) with a B.Sc. (Sp. Hons.) in 1973. A Ph.D degree was awarded by the Department of Geology at Carleton University, Ottawa, in 1980. He was employed by Bema Industries in 1981 and has been with Chevron Canada Resources Limited in Vancouver, B. C. since 1982.

DAVID SHAW, Ph.D.

Record of Mineral Claim
FORM G

MAP NO. 921/88

RECORD NO. 4210

MINING RECEIPT NO. 181665E RECORDED AT Kamloops B.C. THIS 7th DAY OF October 19 82

DO NOT WRITE IN SHADED AREAS

Kamloops
Mineral Commission

Kamloops
MINING DIVISION

Affidavit for Mineral Claim

NAME _____ AGENT FOR _____
ADDRESS _____ ADDRESS _____
VALID SUBSISTING F.M.C. NO. 71 VALID SUBSISTING F.M.C. NO. _____
MAKE OATH AND SAY: I COMMENCED LOCATING THE CIN MINERAL CLAIM

ON THE 4 DAY OF July, 19 82 AT 11:00 AM AND COMPLETED THE LOCATION

ON THE 7 DAY OF July, 19 82 AT 11:50 AM CONSISTING OF

1 UNIT LENGTHS 100 AND 4 UNIT LENGTHS 100 AND I HAVE IMPRESSED ALL THE REQUIRED INFORMATION

ON METAL TAGS NO. 181665 WHICH HAS BEEN SECURELY FASTENED TO THE POSTS AS REQUIRED UNDER THE REGULATIONS.

IDENTIFICATION POST(S) NOT PLACED WERE N/A

CHECK APPLICABLE SQUARE



THE LEGAL CORNER POST _____ IS SITUATED:
THE WITNESS POST FOR THE LEGAL CORNER POST _____

PRECISELY DESCRIBE POSITION OF POST RELATIVE TO KNOWN TOPOGRAPHICAL OR SURVEYED FEATURES THAT RELATE TO FEATURES ON A MAP:

BEARING AND DISTANCE TO TRUE POSITION OF LEGAL CORNER POST FROM THE WITNESS POST _____

BEARING AND DISTANCE FROM IDENTIFICATION POST TO WITNESS POST _____

I HAVE COMPLIED WITH ALL THE TERMS OF THE MINERAL ACT AND REGULATIONS PERTAINING TO THE STAKING OF MINERAL CLAIMS AND HAVE ATTACHED A PLAN, ACCEPTABLE TO THE MINING RECORDER, OF THE LOCATION

SWORN AND SUBSCRIBED TO AT _____

THIS _____ DAY OF _____ 19 _____ BEFORE ME

[Signature]

181665 E 10/2/82

* THIS AFFIDAVIT MAY BE TAKEN BY A PERSON EMPOWERED TO TAKE AFFIDAVITS BY THE EVIDENCE ACT OF BRITISH COLUMBIA

MR OR SMR STAMP

NO. OF UNITS 20 WORK REQUIREMENT \$ _____ PER YEAR RENTAL REQUIREMENT \$10.00 PER \$200.00 WORK \$20.00 PER \$200.00 C/L

WORK NUMBERS	C/L IN \$	MINING RECEIPT AND DATE RECORDED	TYPE OF WORK	YEAR OF EXPIRY	CREDIT		TRANSFERS (B'S'S, ASSIGNMENTS, CONVEYANCES)
					WORK UNIT(S)	RENTAL IN \$	

OWNER

Record of Mineral Claim
FORM G

1307

MAP NO. 921/8V

RECORD NO. 1307

MINING RECEIPT NO. 181967 E RECORDED AT HEBRITT B.C. THIS 1 DAY OF NOVEMBER 1982

DO NOT WRITE IN SHADED AREAS

L. P. LEAN ~~XXXXXXXXXX~~old Commissioner

NICOLA

MINING DIVISION

Affidavit for Mineral Claim

I, MURK THURK AGENT FOR LEAN CONSULTANTS
2255 Burnside St. Vancouver 2255 Burnside St. Vancouver
 VALID SUBSISTING F.M.C. NO. 235756 VALID SUBSISTING F.M.C. NO. 211299

MAKE OATH AND SAY: I COMMENCED LOCATING THE DY MINERAL CLAIM

ON THE 2 DAY OF OCT 1982 AT 12:50 P.M. AND COMPLETED THE LOCATION

ON THE 3 DAY OF OCT 1982 AT 3:15 P.M. CONSISTING OF

8 UNIT LENGTHS N AND 2 UNIT LENGTHS E AND I HAVE IMPRESSED ALL THE REQUIRED INFORMATION

ON METAL TALS NO. 82711 WHICH HAS BEEN SECURELY FASTENED TO THE POSTS AS REQUIRED UNDER THE REGULATIONS.

IDENTIFICATION POST(S) NOT PLACED WERE ON 1E, ON 2E

CHECK THE LEGAL CORNER POST IS SITUATED 1500m
 THE WITNESS POST FOR THE LEGAL CORNER POST

PRECISELY DESCRIBE POSITION OF POST RELATIVE TO KNOWN TOPOGRAPHICAL OR SURVEYED FEATURES THAT RELATE TO FEATURES ON A MAP:
1500m FROM THE N. POINT. 1730m FROM THE SOUTHERN MOST END OF KULLAGH LAKE.

† BEARING AND DISTANCE TO TRUE POSITION OF LEGAL CORNER POST FROM THE WITNESS POST 1°
 BEARING AND DISTANCE FROM IDENTIFICATION POST TO WITNESS POST 0

I HAVE COMPLIED WITH ALL THE TERMS OF THE MINERAL ACT AND REGULATIONS PERTAINING TO THE STAKING OF MINERAL CLAIMS AND HAVE ATTACHED A PLAN, ACCEPTABLE TO THE MINING RECORDER, OF THE LOCATION.

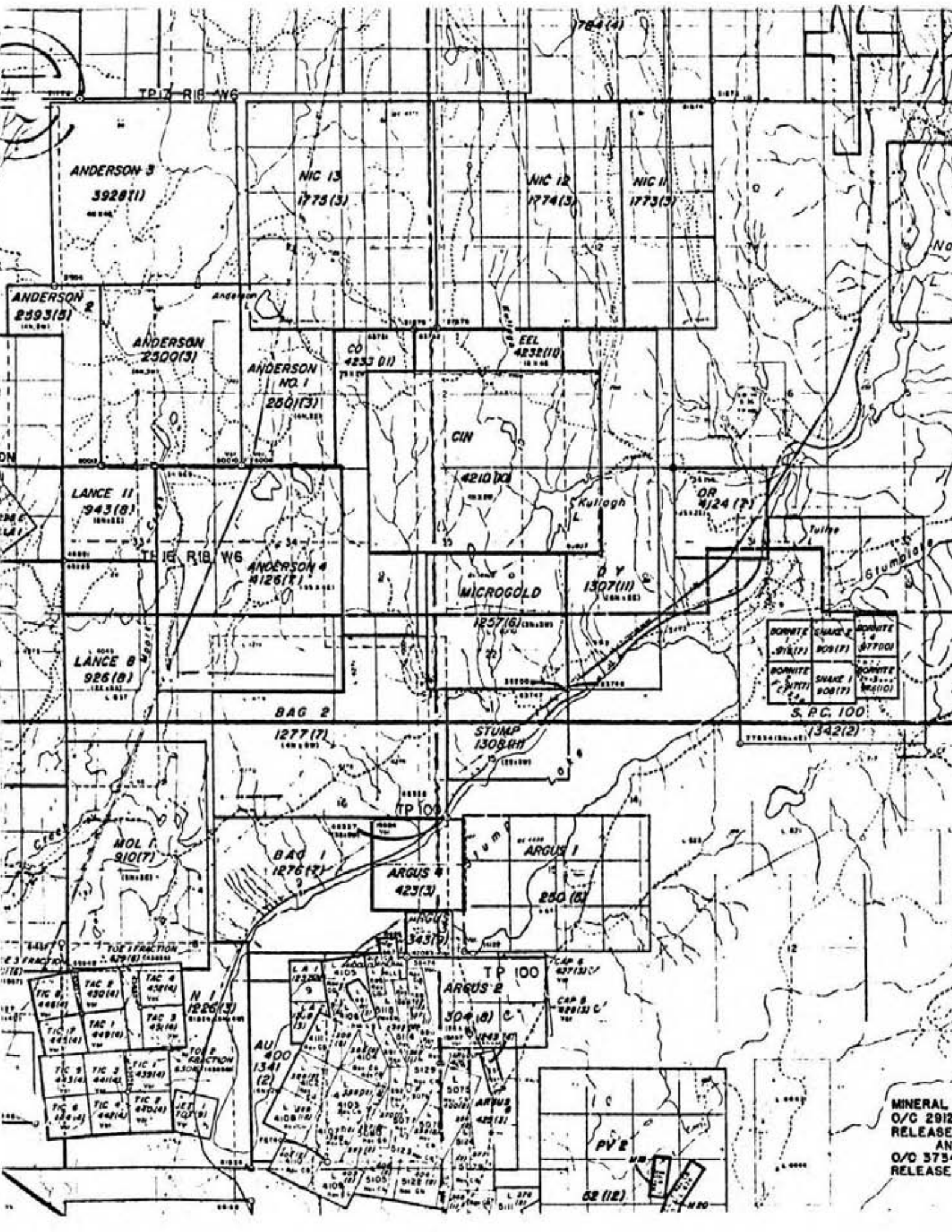
SWORN AND SUBSCRIBED TO AT _____
 THIS _____ DAY OF _____ 19____ BEFORE ME } Murk Thirk
 * THIS AFFIDAVIT MAY BE TAKEN BY A PERSON EMPOWERED TO TAKE AFFIDAVITS BY THE EVIDENCE ACT OF BRITISH COLUMBIA



NO. OF UNITS 16 WORK REQUIREMENT 5 PER YEAR RENTAL REQUIREMENT - \$10.00 PER \$200.00 WORK \$20.00 PER \$200.00 C/L

WORK NUMBERS	C/L IN \$	MINING RECEIPT AND DATE RECORDED	TYPE OF WORK	YEAR OF EXPIRY	CREDIT		TRANSFERS (E.G. ASSIGNMENTS, CONVEYANCES)
					WORK UNIT(S)	RENTAL IN \$	

OWNER



MINERAL R
O/C 2912
RELEASE
AND
O/O 3734
RELEASE P

DIAMOND DRILL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
		Angle .
Footage	Reading	Corrected

Hole No. MG83-4 Sheet No. 1 of 12 Lat. _____
 Section _____ Dep. 60
 Date Begun May 9, 1983 Bearing 110°
 Date Finished May 11, 1983 Elev. Collar _____

Total Depth 297' / 90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
Casing						
0-12' / 0-3.65m						
CORE 1 BOX 1	3.65 to 4.55m sedimentary clastics, siltstone					
12' - 17'	to conglomerate.					
3.65 - 5.18m	3.65 to 3.74m conglomerate, clasts ≥ 7 cm length	#1	3.65 to 3.75			
	siliceous (silicified?) matrix, fine-medium grained, pyritic. Clasts-well rounded, ~40% greenstone (chloritized fine grained volcanic); small clasts (up to 2 cm length) of black chert and red chert; quartzose or silicified clasts ~35%; large clast (length ≥ 7 cm) of fine grained, grey igneous rock.					
	3.74 to 4.00m clean and sharp but irregular contact with grey siltstone.					
	4.00 to 4.10m fracture contact with underlying conglomerate clasts up to 3cm length. Strongly silicified "grit" matrix. Pyrite is matrix and at fracture contact along with calcite vein (up to 2mm thick) Clasts-greenstone and siliceous.	#2	4.00 to 4.10			
	4.10 to 4.17m fracture contact with siltstone.					

DIAMOND DRILL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 2 of 12 Lot.....
 Section..... Dep. 60
 Date Begun May 9, 1983 Bearing 110°
 Date Finished May 11, 1983 Elev. Collar.....

Total Depth 297' / 90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
CORE 1 BOX 1	4.17 to 4.55m fracture contact with conglomerate.					
(Continued)	Conglomerate clasts 7cm or greater length variously chloritized and/or silicified. Large (7cm+) clast of silicified siltstone. Fine to medium grained, chloritized and hematitic agglom. Granitic clasts up to 3cm. Matrix is fine - medium grained, gritty in places, pyritic, silicic. Contact with underlying rock is clean and sharp, pyrite veining (mm's) at contact. (Contact is presumably an unconformity.)	#3	4.20 to 4.80	Conglon.		
	4.55 to 5.18m chloritized, pale to medium green (slightly bleached?) greenstone-agglom. One Si vein ≤ 1cm, remainder of veining is Si and chlorite micro-veining.					
CORE 2 BOX 1	Medium green, chloritized greenstone-agglom.					
17' - 27'	Fracturing restricted, thickest vein 1½cm.					
5.18 - 8.22m	Microfracturing filled with Si, calcite and chlorite. Pyrite associated with veining, also stringer veins of pyrite. Fragments up to 7cm length.					

DIAMOND DRILL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 3 of 12 Lat. _____
 Section _____ Dep. 60
 Date Begun May 9, 1983 Bearing 110°
 Date Finished May 11, 1983 Elev. Collar _____

Total Depth 297'/90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
CORE 3 BOX 2 27' - 37' (8.22 - 11.27m)	Chloritized greenstone-agglom. 35cm thick vein at 9.40m, Si and calcite and pyrite. Remainder of fracturing ~ 1cm thick, predominantly micro-fracturing - Si, calcite, chlorite, with pyrite associated.	#4	9.40 to 9.75	Vein		
CORE 4 BOX 2/3 37' - 47' (11.27 - 14.32m)	Chloritized agglom. as in CORE 3. Fracture \leq 15% of total section. Main vein @ 13.70-14.10m, Si and calcite and fluorite composite vein. Other veins are \leq 1cm, mainly micro-fractures. Agglom. is strongly chloritized, light - medium green, hematite in groundmass. Flecked fracture appearance in groundmass. Pyrite associated with chlorite is micro-fractured, also occurs in stringer veins.	#5	13.70 to 14.10			
CORE 5 BOX 3 47' - 57' (14.32 - 17.37m)	Agglom. similar to above. Thickest vein is \approx 5cm, composite of Si, calcite + fluorite. Other veins \leq 1.5cm width, calcite and/or Si. Veining accounts for less than 10% of section. Pyrite in micro-fractured and thin stringer veins, not in groundmass.					

DIAMOND DRILL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 4 of 12 Lot.....
 Section..... Dep. 60
 Date Begun May 9, 1983 Bearing 110°
 Date Finished May 11, 1983 Elev. Collar.....

Total Depth 297' / 90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		
CORE 6 BOX 3/4 57' - 67' (17.37 - 20.42m)	Agglom. - light to medium green, strongly chloritized, bleached in patches similar to above. Thick calcite veining, 60 cm, with 2½cm agglom. separating upper vein from lower vein. 18.42 to 19.00m.	#6	18.42 to 19.00	Calcite veins	
CORE 7 BOX 4/5 67' - 77' (20.42 - 23.46m)	Undistinguished and undistinguishable greenstone agglom. Veining restricted to less 2cm. fractures, calcite and Si filling with pyrite and chlorite in microfractures.				
CORE 8 BOX 5 77' - 87' (23.46 - 26.51m)	Agglom., chloritized, light to medium green, similar to above. Contains 2 veins ≥ 2cms width. The wider is 24cm and is predominantly calcite. The thinner (3cm) @ 25.95m is a mixture of Si and calcite layers.	#7	23.56 to 23.70	Calcite veins	
CORE 9 BOX 5/6 87' - 97' (26.51 - 29.56m)	Chloritized agglom., similar to above. One calcite vein of 1½cm, remainder of vein 1cm or are microfractured. Veining ≤ 5% of section.				
CORE 10 BOX 6 97' - 107' (29.56 - 32.61m)	Agglom., as in above section. Chloritized ground mass and fragments. Two main veins, remainder ± 1cm wide, both Si and calcite fracture fill plus chlorite. Some fragments are bleached-	#8	30.66 to 30.72	Si and calcite vein	
		#9	31.71 to 31.83	Si and calcite vein and Si breccia.	

DIAMOND DRILL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 5 of 12 Lat. _____
 Section _____ Dep. 60
 Date Begun May 9, 1983 Bearing 110°
 Date Finished May 11, 1983 Elev. Collar _____

Total Depth 297' / 90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
CORE 10 BOX 6 (Continued)	rock colour is medium green. Pyrite associated with veins - calcite, Si, and chlorite.					
CORE 11 BOX 6 107' - 117' (32.60 - 35.66m)	Chloritized agglom. Medium - dark green with maroon patches of hematitic fragments. Very similar to CORE SECTIONS above. Only two veins - 1cm width, one 2cm and the other 2½cm. Former is calcite, latter is calcite with Si. Calcitic and chloritic micro-veining plus pyrite as a micro-fracture fill in places.					
CORE 12 BOX 6/7 117' - 127' (35.66 - 38.70m)	Agglom. Strongly chloritized, light - medium green. Bleached patches. One vein of 1½cm (Si), remainder ≤ 1cm. Si, calcite and chlorite micro-fracture fill. Groundmass has flecked fractured appearance. Veins less than 5% section.					
CORE 13 Box 8/9 127' - 137' (38.70 - 41.75m)	Agglom. Chloritized strongly. Similar to above section. No veins thicker than ½cm. Thin fractures and microfractures filled with Si and calcite, chlorite also in micro-fractures. Fractured flecked, chloritized groundmass.					

DIAMOND D...LL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 6 of 12 Lot

Section Dep. 60

Date Begun May 9, 1983 Bearing 110°

Date Finished May 11, 1983 Elev. Collar

Total Depth 297' / 90.52m

Logged By D. Shaw

Claim Microgold

Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
CORE 14 BOX 9 137' - 147' (41.75 - 44.80m)	41.75 to 42.75m light to medium green, strongly chloritized agglom. Si and calcite veining, chlorite micro-veining. Partly brecciated and calcite cemented (micro-stockwork). Bleached patches. Similar to above agglom. except for calcitic veining - stockwork appearance.	#10	42.75 to 44.15				
	42.75 to 44.15m zone of brecciated, hematite rich, chloritized agglom., cemented by calcite and Si to give breccia stockwork appearance. Pyrite associated with veining. (Veining at 15° to core axis.) Hematite veining also strong.						
	44.15 to 44.80m fine to medium grained, hematitic, chloritized agglom. Fracture flecked. Pyrite associated with Si and calcite veins.						
CORE 15 BOX 9/10 147' - 157' (44.80 - 47.85m)	Chloritized, hematitic agglom. groundmass fine to medium grained. Hematite content varies from 10 to 50%, hematite content of clasts varies from 10% to 90%. Rock varies in colour from light green - medium green - dark green - dark green-maroon. Trace pyrite in groundmass. Pyrite also associated with thin calcite						

DIAMOND D. LL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 7 of 12 Lot
 Section Dep. 60
 Date Begun May 9, 1983 Bearing 110°
 Date Finished May 11, 1983 Elev. Collar

Total Depth 297' / 90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
CORE 15 BOX 9/10 (Continued)	veins and calcite and chlorite micro-veins. One vein (Si) of 1½cm width, remainder are thinner. Vein material ≤ 5% of section. Clasts up to 3cm length. Patches of fine grained greenstone show transition into hematite rich agglom.					
CORE 16 BOX 10 157' - 167' (47.85 - 50.90m)	Hematitic, chloritized agglom. groundmass and fragments chloritized with varying amounts of hematite, up to 70% in former, 95% in latter. Hematite fracture fill as well as calcite and chlorite with Si being less abundant. No veins wider than 1cm, majority of veins are less than ½ cm wide, plus micro-fracturing. Pyrite associated with chlorite and calcite in microfractures. Colour varies from light green to dark green-maroon.					
CORE 17 BOX 11 167' - 177' (50.90 - 53.95m)	50.90 to 52.05m greenstone. Medium to fine grained, strongly chloritized, fracture flecked, hematitic and agglomeratic in places. Light to medium green, except where hematite occurs to give a dark green-reddish					

DIAMOND DRILL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 8 of 12 Lot.....
 Section..... Dep. 60
 Date Begun May 9, 1983 Bearing 110°
 Date Finished May 11, 1983 Elev. Collar.....

Total Depth 297'/90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE		
CORE 17 Box 11 (Continued)	appearance. Thin (1cm) chlorite veins and micro-veins. Some conjugate chlorite veining and calcite veining. Veins account for less than 5% of section.				
	52.05 to 53.65m greenstone-a shear zone very strongly chloritized. Chlorite veining accounts for ~40% of section with chloritized fragments in chlorite vein "groundmass". Many of chloritized fragments have chlorite filled micro-tension fractures. Minor amount of hematite veining (~3%). Rock is light to medium green in colour.	#11 #11A #11AA #11B	52.70 to 52.91 53.62 to 53.67 53.67 to 53.74 53.74 to 54.22	Chloritized shear zone Si and Fluorite vein " "	
CORE 18 BOX 11/12 177' - 187' (53.95 - 57.00m)	53.65 to 54.55m Si veins and Si breccia. Within section 10cm long zone of chloritized fragment in Si groundmass. Pyrite and fractures. Fluorite in veins in association with Si.	#12 #12A	54.22 to 54.45 54.45 to 54.80	Si vein and Si breccia	
	54.55 to 55.22m footwall zone of sheared greenstone - chloritized agglom.	#13 #13A	54.80 to 55.00 55.00 to 55.20		
	55.22 to 56.25m fine to medium grained greenstone. Fractures ≤ 1/2cm, main fracturing is of micro	#14	55.75 to 56.10		

DIAMOND DRILL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 9 of 12 Lat.
 Section Dep. 60
 Date Begun May 9, 1983 Bearing 110°
 Date Finished May 11, 1983 Elev. Collar

Total Depth 297' / 90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
CORE 18 BOX 11/12 (Continued)	size with calcite, Si and chlorite fracture fill. Appears to be a fractured/brecciated greenstone with Si/calcite 'matrix' as opposed to a chloritized agglom.					
	56.25 to 57.00m rapid transition into fine to medium grained (former dominant), hematite rich, (strongly chloritized) greenstone. Rock is fractured, Si and calcite fill thicker veins (up to ½cm) micro-fracture fill of Si, chlorite and calcite. Pyrite associated with such. Rock has reddish green colour due to hematite in groundmass (up to 75%). Fractures are of both irregular breccia type and also parallel conjugate type. Fractures ≤ 5% of section.					
CORE 19 BOX 12/13 187' - 197' (57.00 - 60.05m)	Fine to medium grained hematite rich "maroon-stone". Matrix is fine grained, hematite up to 70%. Fragments up to 4mm, larger ones chloritized. Hematite and hematite-rich fragments ≈ 50% of total. Rock colour-maroon. Veining ≤ 5% of section, mainly chloritic and calcitic, Si veins minor. No veins wider than ½cm. Andesite.					

DIAMOND DRILL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 10 of 12 Lot. _____
 Section _____ Dep. 60 _____
 Date Begun May 9, 1983 Bearing 110° _____
 Date Finished May 11, 1983 Elev. Collar _____

Total Depth 297' / 90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
CORE 20 BOX 13 197' - 207' (60.05 - 63.10m)	"Maroonstone". Hematitic, chloritized, fine grained. Very similar to above core section. Chloritized andesite? Veining restricted to fractures < 3mm wide. Calcite fill in these and in micro-fractures, latter also chlorite filled. Pyrite trace - absent.					
CORE 21 BOX 13/14 207' - 217' (63.10 - 66.14m)	Very similar to above CORE SECTION. Maroonstone (Andesite) with patches of strongly chloritized greenstone. Restricted veining, calcite vein fill. Pyrite trace.					
CORE 22 BOX 14 217' - 227' (66.14 - 69.19m)	66.14 to 67.77m "maroonstone" andesite as in previous section. At 67.77m fracture contact with fine grained, light green, strongly chloritized. Contains zones showing only a partial chloritization - fragments with corroded margins? Chloritized agglom., fragments up to 4cm in length. Calcitic veining. Pyrite trace to absent.					
CORE 23 BOX 14/15 227' - 237' (69.19 - 72.24m)	Similar to latter part of above CORE SECTION. Strongly chloritized, fine grained groundmass, light green in colour, contains patches of					

DIAMOND D...LL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 11 of 12 Lot.....
 Section..... Dep. 60.....
 Date Begun May 9, 1983 Bearing 110°.....
 Date Finished May 11, 1983 Elev. Collar.....

Total Depth 297'/90.52m
 Logged By D. Shaw
 Claim Microgold
 Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
CORE 23 BOX 14/15 (Continued)	partially chloritized rock, some patches hematite rich. Irregular rims to patches - corroded fragments? Chloritized agglom. One vein, 1½cm wide, margins calcitic, middle part silicic. Trace pyrite in vein.					
CORE 24 BOX 15/16 237' - 247' (72.24 - 75.28m)	Medium green coloured, chloritized greenstone-agglom. Fine grained chloritized groundmass, clasts varyingly chloritized and hematite rich. Irregular outlines. Veining restricted to calcite filled fractures ≤ 4mm width, plus calcite and chlorite filled micro-fractures.					
CORE 25 BOX 16 247' - 257' (75.28 - 78.33m)	Dark green, chloritized agglom. with hematite and hematitic fragments. Patches of groundmass are calcitic. Veining very restricted, ≤ 4mm width, calcite and chlorite in groundmass is fine grained, fragments ≤ 2cm length.					
CORE 26 BOX 16/17 257' - 267' (78.33 - 81.38m)	Very similar to above CORE SECTION. Veining restricted to calcite veins ≤ 4mm wide. Chlorite and calcite fill micro-fractures. Pyrite trace to absent, generally absent.					

DIAMOND DRILL RECORD

PROPERTY CIN

HOLE No. MG83-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. MG83-4 Sheet No. 12 of 12 Total Depth 297' / 90.52m
 Section _____ Dep. 60 Logged By D. Shaw
 Date Begun May 9, 1983 Bearing 110° Claim Microgold
 Date Finished May 11, 1983 Elev. Collar _____ Core Size NQ

DEPTH	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE			
CORE 27 BOX 17/18 267' - 277' (81.38 - 84.42m)	As above.					
CORE 28 BOX 18 277' - 287' (84.42 - 87.47m)	Chloritized agglom. similar to above. Latter half of section is a lighter colour (green) than above section, somewhat bleached. 87.32m 3½cm wide zone of chlorite, calcite and Si veins separated from another such zone @ 87.42m by fracture flecked greenstone.					
CORE 29 BOX 18/19 287' - 297' (87.47 - 90.52m)	Second vein zone is a composite of Si, chlorite and calcite ≈ 9cm wide with zones of greenstone 'interlayered'. Pyrite. 87.75m shear zone separated from preceding vein zone by greenstone. This shear zone is strongly chloritized and is in the hanging wall of a 4cm wide Si vein @ 88.45m. Pyrite in vein. 88.50 to 90.52m chloritized, hematitic agglom. Calcite veining (< 3mm width) and fracture fill. Similar to section above zone of shearing and Si.	#15	88.37 to 88.50	chloritized shear zone		
		#16	88.50 to 88.53	Si vein		

90.52m END OF HOLE



CHEMEX LABS LTD.

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CERTIFICATE OF ANALYSIS

TO : CHEVRON CANADA RESOURCES LTD.
MINERALS STAFF
#901 - 355 BARRARD ST.
VANCOUVER, B.C.
V6C 2G8

CERT. # : A8311400-001
INVOICE # : I8311400
DATE : 2-JUN-83
P.O. # : NONE
M 522

ATTN: D. SHAW

Sample description	Prep code	Ag ppm	AS ppm	Au FA+AA ppb			
MG 83-4 1	205	0.1	950	10	--	--	--
MG 83-4 2	205	0.1	600	5	--	--	--
MG 83-4 3	205	0.1	590	90	--	--	--
MG 83-4 4	205	0.3	290	550	--	--	--
MG 83-4 5	205	1.0	43	280	--	--	--
MG 83-4 6	205	1.5	22	230	--	--	--
MG 83-4 7	205	0.1	24	85	--	--	--
MG 83-4 8	205	0.2	69	390	--	--	--
MG 83-4 9 A	205	0.4	23	355	--	--	--
MG 83-4 9 B	205	0.6	81	380	--	--	--
MG 83-4 11	205	0.4	90	215	--	--	--
MG 83-4 11 A	205	0.1	11	20	--	--	--
MG 83-4 11 AA	205	0.4	45	230	--	--	--
MG 83-4 11 B	205	1.5	22	130	--	--	--
MG 83-4 12	205	4.4	260	950	--	--	--
MG 83-4 12 A	205	2.1	55	1125	--	--	--
MG 83-4 13	205	0.1	29	80	--	--	--
MG 83-4 13 A	205	0.1	22	15	--	--	--
MG 83-4 14	205	0.1	73	125	--	--	--
MG 83-4 15	205	0.1	9	25	--	--	--
MG 83-4 16	205	1.1	69	280	--	--	--

\$ 291.90.



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