

87-652-16303  
7/88

ASSESSMENT REPORT

BRENT AND GOLD CLAIMS

Clinton Mining ~~District~~ Division

N.T.S. 920/1E, 1W

Latitude 51°08'  
Longitude 122°15'

OWNER: T. E. LISLE

MINERALS  
OPERATOR: CHEVRON-CANADA RESOURCES LIMITED

October 1987

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

FILMED

**16,303**



BENT-GOLD CLAIMS

LOCATION MAP

BRENT-GOLD CLAIMS, CLINTON M.D.

July/ 1987.

FIGURE 1

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## INTRODUCTION

Chevron Canada Resources Limited optioned the Stirrup Creek property from H.V. Warren and his associates in 1986. They also optioned the adjacent BRENT and GOLD mineral claims from T.E. Lisle.

The company initiated a re-evaluation of the properties in June, 1986 that included road up-grading, trench cleaning and trenching, sampling, mapping and geochemistry.

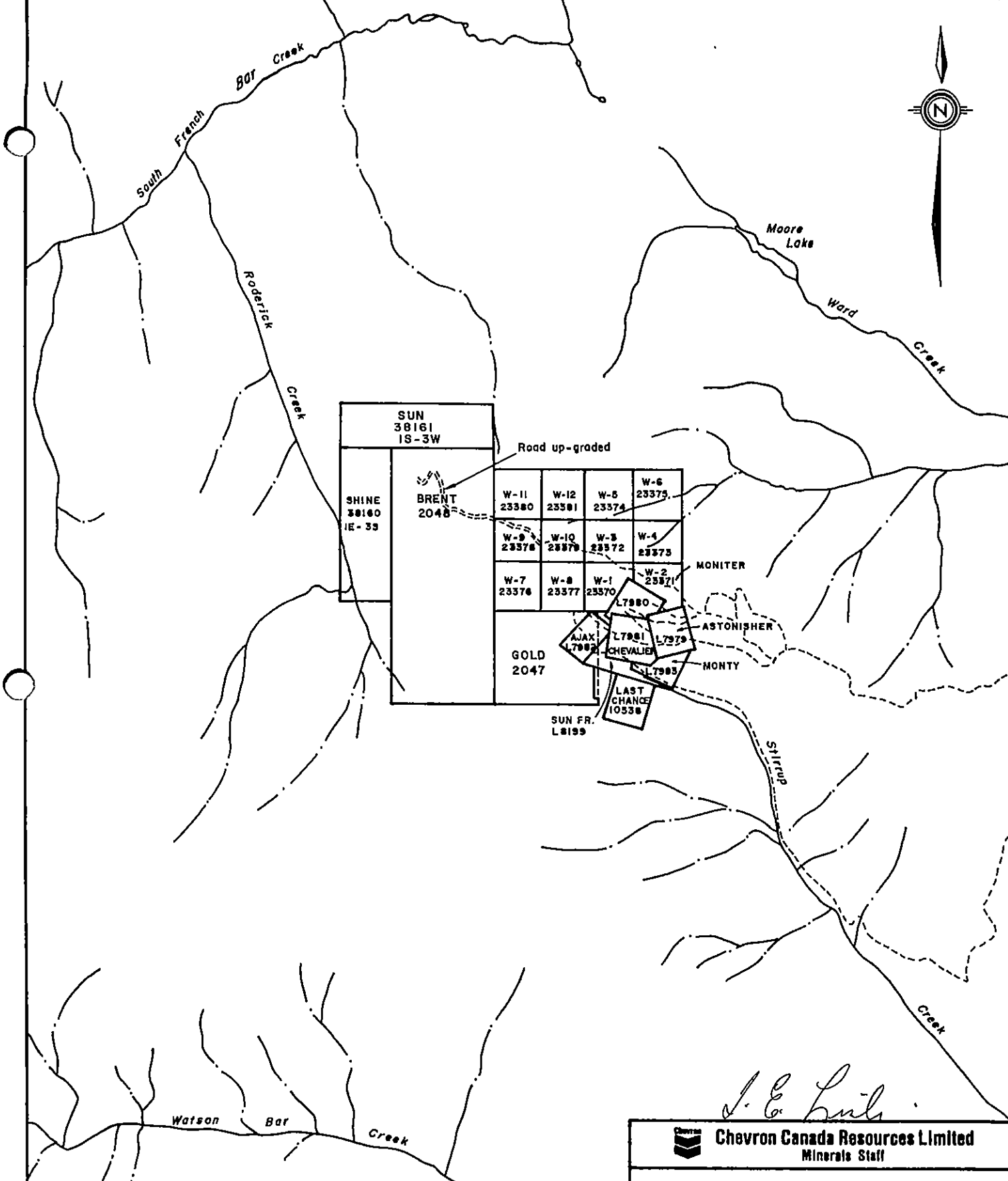
This report, prepared for assessment purposes, presents the results of exploration carried out on the BRENT and GOLD mineral claims.

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Anniversary</u>
Gold	4	2047 (8)	August 1, 1986	August 1, 1987
Brent	10	2048 (8)	August 1, 1986	August 1, 1987

## LOCATION AND ACCESS

The mineral claims are about 96 kilometres west of Clinton in south central British Columbia. The claims lie mainly west of the divide separating Stirrup Creek from Roderick Creek shown on the western part of map sheet 920/1E.

Access to the claims from Clinton is by the Big Bar Ferry at the mouth of Big Bar Creek; then by 19 kilometres of four-wheel drive road running southwest to the upper part of Stirrup Creek.



*J. E. Lutz*

<b>Chevron Canada Resources Limited</b> Minerals Staff			
<b>BRENT-GOLD</b>			
<b>CLAIM MAP</b>			
<b>CLINTON MINING DIVISION</b>			
FIGURE No. 2		PROJECT No. W-584	
DATE OCT, 1987	REVISIONS		SCALE 1:50,000
NTS No. 92 O/IE			FILE No.
DRAWN BY T. E. I.			

## WORK PROGRAM

Between June 16, 1987 and July 18, 1987, Chevron Canada Resources Limited carried out road improvement, geochemical and geological programs on the BRENT mineral claim, as part of a general re-evaluation of the Stirrup Creek area.

Approximately 1.1 kilometres of road, approaching and within the boundaries of the BRENT claim was widened and upgraded with a Komatsu D-155A bulldozer, 33 soil samples and 11 rock samples were collected for analyses, and a number of prospecting traverses carried out.

## HISTORY

The road connecting the BRENT claim to the upper part of Stirrup Creek was apparently completed to expose stibnite showings in the area. The date of the work is unknown; however, it predates publication of the Yalakom River 1:50,000 topographic map published in 1974.

J.M.T. Services Limited carried out reconnaissance geochemical surveys for gold, arsenic, antimony, and mercury in 1980 and 1981 on the Eagle claim covering the same ground as presently occupied by the BRENT claim. This work was undertaken on behalf of E & B Explorations Ltd. and resulted in a number of anomalies that were not followed up.

Much of the history of the area relates to the search for the bedrock source of placer gold extracted from Stirrup Creek. This search has centred largely on the old crown-granted claims located near the headwaters of that creek, and continues to the present. Placer mining also continues to be carried out in Stirrup Creek.

## GEOLOGY

The claim area lies near the eastern margin of the Jackass Mountain Group, an early Cretaceous sedimentary unit. The assemblage is reported to be about 5300 metres thick consisting of volcanic-rich lithic wackes, shales and polymict boulder conglomerates that are dominantly of marine origin.

The claims lie close to the Trettin 'D' Fault, one of the major northwesterly splays of the Fraser River Fault zone. Movement along the Fraser Fault and the Yalakom Fault further to the west has dissected the Jackass Group into several parts and has also resulted in a number of cross faults trending east to northeast between the two. A number of parallel faults are evident in the upper part of Stirrup Creek.

The sedimentary rocks have been intruded by dykes and sills of feldspar porphyry and quartz-feldspar porphyry that are locally mineralized with fine pyrite.

The BRENT and GOLD claims where examined are underlain by sandstone, argillite and intrusive masses of uncertain size and shape. Some of the intrusives near the northwest corner of the claim are limonitic and locally pyritic.

Close to the northwest corner of the BRENT claim near grid line 4700N - 650W, small stibnite occurrences have been partly exposed in bulldozer trenches. The stibnite occurs as narrow seams near the contacts of a quartz-feldspar porphyry sill that may trend west to northwest in an argillite host. Nearby rocks are locally highly altered, cream-coloured and clay-rich with dark brown fractures. This setting and the geochemistry are similar to other occurrences on the adjacent Stirrup Creek property.

## GEOCHEMISTRY

The preliminary investigation involved the collection of 11 rock samples from prospecting traverses and 33 soil samples from grid lines. All samples were analyzed for gold (F.A. and A.A.) and for an additional 32 elements by I.C.P. at Chemex Laboratory Ltd. in North Vancouver. The results of the analyses are shown appended to this report. Results for gold, arsenic and antimony, elements previously shown to be of interest in the Stirrup Creek-Watson Bar Creek areas, are shown plotted on Figure 3. Soil samples were collected with grub hoes from depths up to 0.40 metres. Soil cover beneath the thin organic layer is of glacial origin; however, in many places it is relatively thin.

Rock samples were all character or grab-type samples. The analyses revealed the following ranges for select elements:

	<u>Au ppb</u>	<u>Ag ppm</u>	<u>As ppm</u>	<u>Sb ppm</u>
33 soil	5 - 410	0.2 - 0.2	5 - 220	5 - 95
11 rock	5 - 25	0.2 - 1.0	5 - 350	5 - 10,000*

\* 1 sample of stibnite vein

## SUMMARY AND CONCLUSIONS

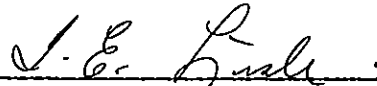
Anomalous geochemical areas found near the main BRENT Sb prospect in 1981 have been partly confirmed by the 1987 work.

The alteration and geological setting of the main stibnite occurrence is similar to occurrences investigated on the nearby Stirrup Creek property further to the east. The spatial relationship of the stibnite occurrence and the high gold and arsenic geochemistry to limonitic intrusions suggests a genetic association.



The geochemical results are sufficiently attractive to warrant more detailed surface investigation including mapping, geochemistry and trenching.

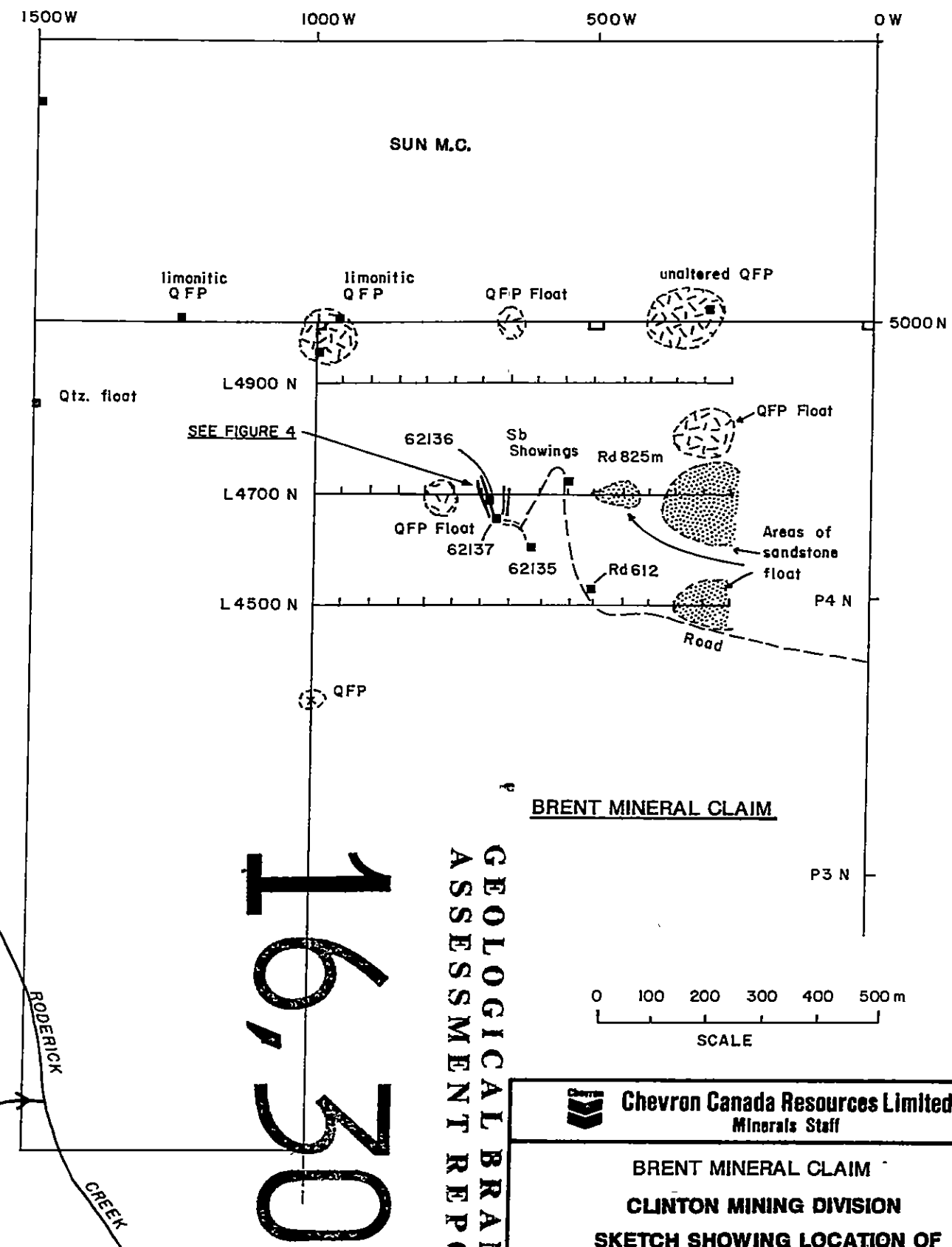
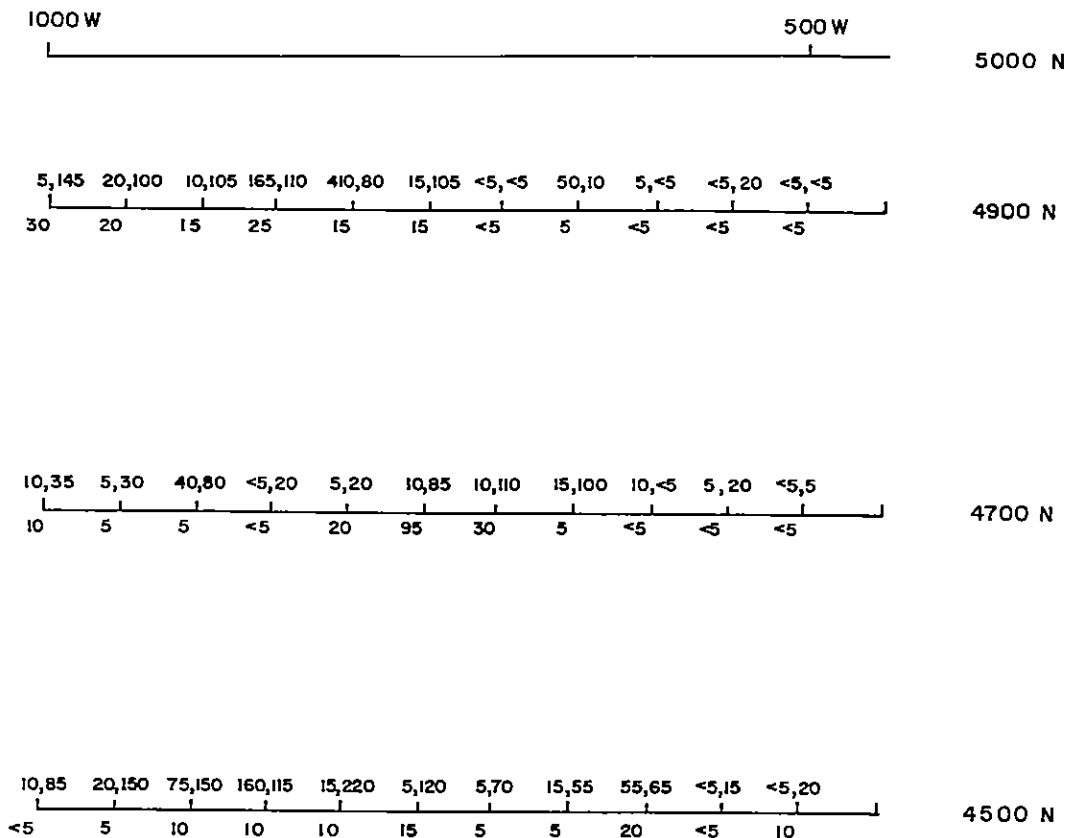
Respectfully submitted



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T. E. Lisle, P.Eng.

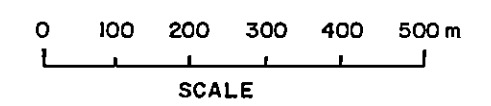
October 1987



Scale: 1:500 Plot  $\frac{Au}{Sb}$   $\frac{As}{Sb}$  SOILS

**ROCK SAMPLES:**

		Au.(ppb)	As(ppm)	Sb(ppm)
62135	Weakly altered Sandstone-Adit	5	60	15
62136	Mineralized stibnite vein	15	30	>10,000
62137	Highly Altered wallrock	5	105	370
SUN-1500 W-100S	limonitic QFP	10	40	<5
BRENT-5000N-285W	unaltered QFP	<5	<5	<5
BRENT-5000N-985W	limonitic QFP (Fit)	<5	90	15
BRENT-5000N-1235W	limonitic QFP (Float)	<5	65	<5
BRENT-4980N-1000W	limonitic QFP	<5	350	50
BRENT-4850N-1500W	limonitic Q/z Float	25	215	<5
BRENT ROAD- 612MW	Carbonate altered	5	55	45
BRENT ROAD- 825MW	Carbonate altered	5	55	10

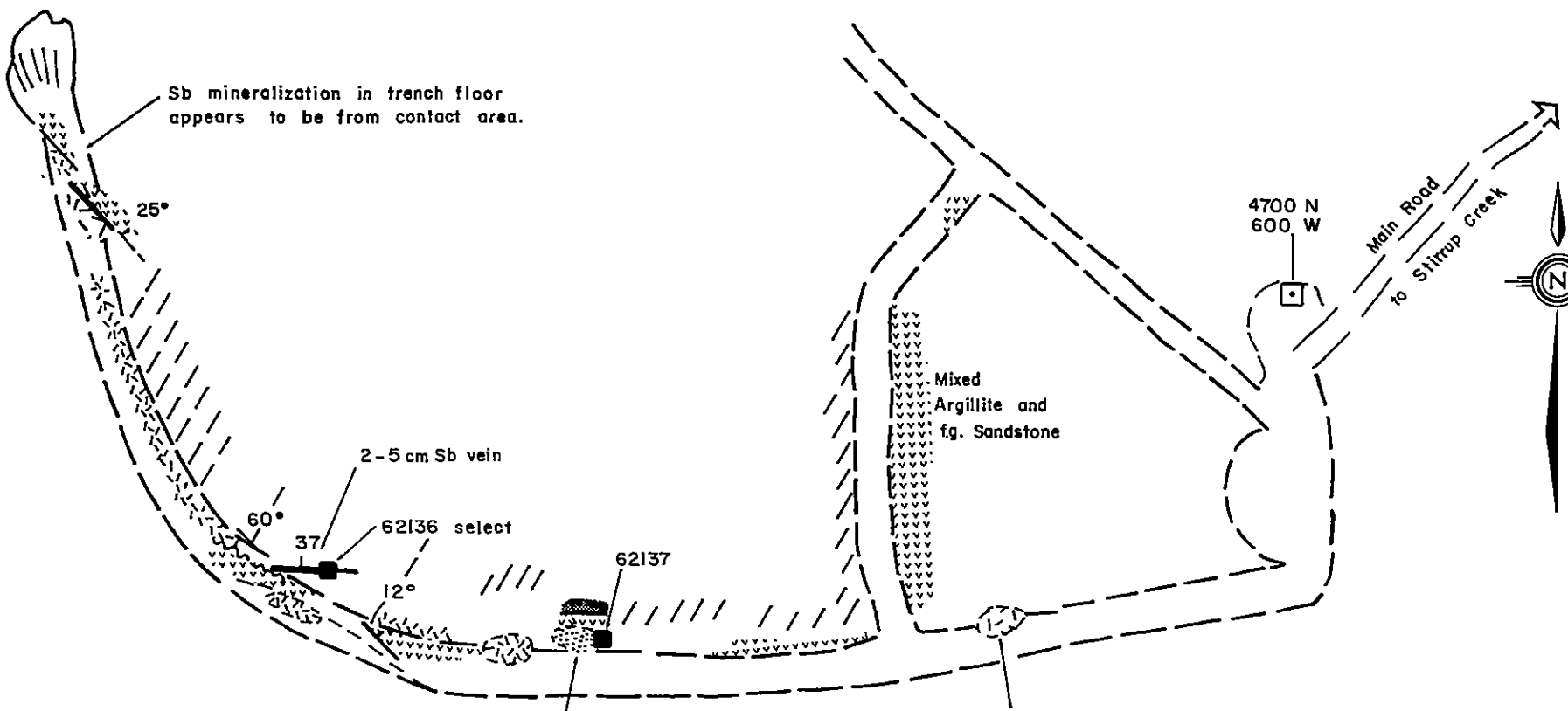


- Rock Sample
- ☉ QFP - Quartz Feldspar Porphyry
- ☉ - Sandstone - Greywache etc.

GEOLOGICAL BRANCH ASSESSMENT REPORT

16,303






<b>Chevron Canada Resources Limited</b> Minerals Staff			
<b>BRENT MINERAL CLAIM</b> <b>CLINTON MINING DIVISION</b> <b>SKETCH SHOWING LOCATION OF</b> <b>ROCK AND SOIL SAMPLES</b>			
FIGURE No. <b>3</b>	PROJECT No. <b>584</b>		
DATE <b>JULY, 1987</b>	REVISIONS		SCALE
NTS No.			FILE No.
COMPILED BY T.E.L.			



SAMPLE: 62135 - Carbonate alt SS  
 62136 - Select Sb vein  
 62137 - Highly altered wallrock

Clay altered SS, Arg  
 with dk Ferruginous Fractures

Slightly altered QFP (Hbid)

- |   |                          |   |                      |
|---|--------------------------|---|----------------------|
|  | ARGILLITE                |  | CLAY ALTERATION      |
|  | QUARTZ FELDSPAR PORPHYRY |  | CARBONATE ALTERATION |
|  | SANDSTONE                |   |                      |



*J. E. Rinaldi*

 **Chevron Canada Resources Limited**  
 Minerals Staff

**BRENT SB PROSPECT**  
**GEOLOGICAL SKETCH**

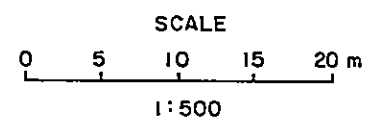


FIGURE No. 4		PROJECT No. M584	
DATE July, 1987	REVISIONS		SCALE 1:500
NTS No. 920/IE			FILE No.
COMPILED BY TEL			

REFERENCES

- Warren, H.V., 1982. The significance of a discovery of gold crystals in overburden in Proceedings of a symposium held April 13 - 15, 1981, Association of Exploration Geochemists, p.45.
- Howell, W., 1981. Assessment Report #9636, Eagle Claims, N.T.S. 920/1E.
- Livingstone, K.W., 1981. Assessment Report #10383, Eagle Claims, N.T.S 920/1E.
- Lisle, T.E., 1974. Report on Stirrup Creek Project, Clinton Mining Division for Chevron Standard Limited.
- Lisle, T.E., 1975. Report on Astonisher C.G.; AJAX C.G.; Monitor C.G.; Monty C.G.; Chevalier C.G.; Sun Fraction C.G.; and W1 to W18 and Last Chance mineral claims (Stirrup Creek property) for Chevron Standard Limited., Minerals Staff.
- Kleinspehn, K.L., 1985. Cretaceous sedimentation and tectonics, Tyaughton-Methous Basin, Southwestern B.C., Canadian Journal of Earth Sciences 22, 154-174.

Appendix I

CERTIFICATION

I, Thomas E. Lisle of 145 West Rockland Road, District of North Vancouver hereby declare:

1. That I am a geologist with residence and business at the above address.
2. That I am a member in good standing of a) The Association of Professional Engineers of B.C. and b) The Geological Association of Canada.
3. That I carried out this work with the assistance of L. Dick, Staff Geologist of Chevron Canada Resources Limited and T. Zanger, Field Technician, on the dates stated in the report.



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T. E. Lisle, P.Eng.

October 13, 1987

Appendix 2  
COST STATEMENT  
BRENT CLAIMS

Wages:

L. Dick - Chevron Staff Geologist - June 18/87 - 1/2 day \$ 150.00

T. Lisle, P. Eng. -

June 18, (1/2); July 13 (1/4); July 14 (1/2);  
July 16, (1/2); July 17 (1/4)  
Pro-rated mob and demob (1/2)

Total 2.5 days @\$300.00 750.00

T. Zanger -

July 13; 14; 15; 16 (1/4); 17 (1/4)

3.5 days @\$150.00 525.00

Camp costs: 6.5 man days @\$25/day 162.50

Truck and fuel: 5 days @\$40. 200.00

Misc. field supplies: flagging, bags, laths, etc. 50.00

Geochemistry: 33 soil @\$11.00 = \$ 363.00  
11 rock @\$13.25 = 145.75 Est. 508.75

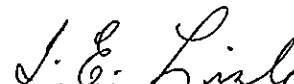
Drafting: 100.00

Report 200.00

\$ 2,646.25

Physical work 4.5 hrs. with Bulldozer @\$120./hr. 540.00

\$ 3,186.25



T. E. Lisle, P.Eng.

October 13, 1987



# 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

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## CERTIFICATE OF ANALYSIS A8718437

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Al %	Ag ppm	As ppm	Ba ppm	Bc 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																		
ER 4500N 500W	201	238	< 5	1.45	< 0.2	20	100	0.5	< 2	0.24	< 0.5	11	25	14	2.53	< 10	1	0.07	< 10	0.44	275
ER 4500N 550W	201	238	< 5	2.22	< 0.2	15	160	0.5	< 2	0.22	< 0.5	16	37	14	2.46	< 10	< 1	0.09	10	0.38	713
ER 4500N 600W	201	238	55	1.61	< 0.2	65	130	0.5	4	0.23	< 0.5	11	37	19	2.86	< 10	< 1	0.08	10	0.42	247
ER 4500N 650W	201	238	15	1.57	< 0.2	55	110	1.0	< 2	0.20	< 0.5	13	32	29	2.86	< 10	< 1	0.05	10	0.51	248
ER 4500N 700W	201	238	< 5	2.49	< 0.2	70	150	1.0	< 2	0.19	< 0.5	18	51	23	3.17	10	< 1	0.06	10	0.50	362
ER 4500N 750W	201	238	5	2.33	< 0.2	120	130	1.0	2	0.20	< 0.5	19	52	18	3.12	10	3	0.05	10	0.57	260
ER 4500N 800W	201	238	15	2.23	< 0.2	220	120	0.5	< 2	0.18	< 0.5	21	49	19	3.13	10	< 1	0.06	10	0.47	361
ER 4500N 850W	201	238	160	1.85	< 0.2	115	110	0.5	< 2	0.23	< 0.5	14	49	27	2.90	< 10	< 1	0.04	10	0.69	269
ER 4500N 900W	201	238	75	1.82	0.2	150	120	0.5	2	0.25	< 0.5	15	48	34	3.12	< 10	< 1	0.07	10	0.66	260
ER 4500N 950W	201	238	20	2.77	0.2	150	160	1.0	< 2	0.25	< 0.5	21	58	28	3.18	10	< 1	0.10	10	0.62	546
ER 4500N 1000W	201	238	10	2.40	< 0.2	85	160	0.5	2	0.22	< 0.5	18	52	18	2.69	10	< 1	0.10	10	0.56	843
ER 4700N 500W	201	238	< 5	1.81	< 0.2	5	120	0.5	< 2	0.26	< 0.5	13	36	12	2.60	10	< 1	0.06	10	0.49	499
ER 4700N 550W	201	238	5	1.35	< 0.2	20	100	0.5	< 2	0.22	< 0.5	14	30	11	2.41	< 10	< 1	0.04	< 10	0.42	458
ER 4700N 600W	201	238	10	1.95	< 0.2	< 5	150	0.5	2	0.24	< 0.5	14	38	14	2.34	10	< 1	0.07	10	0.35	366
ER 4700N 650W	201	238	15	2.55	< 0.2	100	150	1.0	< 2	0.26	< 0.5	18	50	14	3.39	10	2	0.05	10	0.65	262
ER 4700N 700W	201	238	10	2.01	< 0.2	110	240	1.0	< 2	0.40	< 0.5	17	44	19	3.40	< 10	< 1	0.11	10	0.55	567
ER 4700N 750W	201	238	10	1.73	< 0.2	85	210	1.0	< 2	0.40	< 0.5	14	49	27	3.50	< 10	< 1	0.13	20	0.43	413
ER 4700N 800W	201	238	5	1.92	< 0.2	20	190	0.5	< 2	0.31	< 0.5	14	43	13	2.57	< 10	< 1	0.10	10	0.52	413
ER 4700N 850W	201	238	< 5	2.19	< 0.2	20	180	0.5	2	0.34	< 0.5	16	48	14	2.58	< 10	< 1	0.10	10	0.57	453
ER 4700N 900W	201	238	40	1.78	< 0.2	80	120	0.5	< 2	0.31	< 0.5	13	44	18	3.07	< 10	< 1	0.10	10	0.57	261
ER 4700N 950W	201	238	5	2.03	< 0.2	30	170	0.5	< 2	0.37	< 0.5	15	47	14	2.71	10	1	0.10	10	0.59	275
ER 4700N 1000W	201	238	10	2.13	< 0.2	35	170	0.5	< 2	0.30	< 0.5	15	45	16	2.48	10	3	0.10	10	0.58	271
ER 4900N 500W	201	238	< 5	1.39	< 0.2	< 5	190	< 0.5	< 2	0.23	< 0.5	8	19	9	1.92	< 10	3	0.12	< 10	0.45	525
ER 4900N 550W	201	238	< 5	1.57	< 0.2	20	140	0.5	< 2	0.26	< 0.5	10	25	8	2.08	< 10	< 1	0.12	10	0.53	418
ER 4900N 600W	201	238	5	1.83	< 0.2	< 5	160	1.0	< 2	0.29	< 0.5	13	36	17	2.50	10	< 1	0.07	10	0.58	308
ER 4900N 650W	201	238	50	1.77	< 0.2	10	170	0.5	< 2	0.30	< 0.5	10	35	11	2.35	< 10	2	0.07	10	0.58	344
ER 4900N 700W	201	238	< 5	1.97	0.2	< 5	220	1.0	< 2	0.39	< 0.5	13	40	21	2.77	< 10	< 1	0.07	10	0.62	342
ER 4900N 750W	201	238	15	2.06	0.2	105	130	1.0	< 2	0.40	< 0.5	14	48	45	3.38	< 10	< 1	0.09	10	0.63	337
ER 4900N 800W	201	238	410	1.74	< 0.2	80	120	0.5	< 2	0.36	< 0.5	13	41	23	2.82	< 10	< 1	0.08	10	0.63	314
ER 4900N 850W	201	238	165	1.99	< 0.2	110	180	1.0	< 2	0.37	< 0.5	18	45	29	3.24	< 10	< 1	0.20	10	0.70	531
ER 4900N 900W	201	238	10	1.67	< 0.2	105	200	0.5	< 2	0.32	< 0.5	13	32	18	2.79	< 10	< 1	0.09	10	0.48	360
ER 4900N 950W	201	238	20	1.68	< 0.2	100	200	0.5	2	0.32	< 0.5	12	44	22	2.66	< 10	< 1	0.11	10	0.63	283
ER 4900N 1000W	201	238	5	1.57	< 0.2	145	190	0.5	< 2	0.38	< 0.5	15	46	45	3.18	10	< 1	0.11	10	0.64	340

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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## CERTIFICATE OF ANALYSIS A8718437

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
ER 4500N 500W	201 238	< 1	0.01	17	230	12	10	< 10	27	0.07	< 10	< 10	51	< 5	51
ER 4500N 550W	201 238	< 1	0.03	29	900	16	< 5	< 10	23	0.10	< 10	< 10	56	< 5	96
ER 4500N 600W	201 238	< 1	0.02	32	190	10	20	< 10	27	0.11	< 10	< 10	64	< 5	54
ER 4500N 650W	201 238	< 1	0.01	30	370	6	5	< 10	21	0.09	< 10	< 10	58	< 5	74
ER 4500N 700W	201 238	< 1	0.02	50	780	6	5	< 10	23	0.12	< 10	< 10	68	< 5	129
ER 4500N 750W	201 238	< 1	0.01	47	540	12	15	< 10	24	0.11	< 10	< 10	71	< 5	109
ER 4500N 800W	201 238	< 1	0.01	44	750	12	10	< 10	23	0.09	< 10	< 10	69	< 5	142
ER 4500N 850W	201 238	< 1	0.01	39	230	20	10	< 10	30	0.11	< 10	< 10	67	< 5	91
ER 4500N 900W	201 238	< 1	0.01	41	250	22	10	< 10	37	0.10	< 10	< 10	70	< 5	90
ER 4500N 950W	201 238	1	0.02	64	610	14	5	< 10	26	0.13	< 10	< 10	72	< 5	187
ER 4500N 1000W	201 238	< 1	0.02	52	1320	16	< 5	< 10	22	0.14	< 10	< 10	63	< 5	147
ER 4700N 500W	201 238	< 1	0.02	34	590	12	< 5	< 10	31	0.13	< 10	< 10	64	< 5	84
ER 4700N 550W	201 238	< 1	0.02	30	630	8	< 5	< 10	25	0.11	< 10	< 10	64	< 5	67
ER 4700N 600W	201 238	< 1	0.02	32	720	10	< 5	10	25	0.13	< 10	< 10	60	< 5	106
ER 4700N 650W	201 238	< 1	0.01	53	350	6	5	< 10	29	0.09	< 10	< 10	72	< 5	76
ER 4700N 700W	201 238	< 1	0.02	52	340	20	30	< 10	39	0.06	< 10	< 10	62	< 5	70
ER 4700N 750W	201 238	< 1	0.01	38	270	20	95	< 10	36	0.09	< 10	< 10	67	< 5	61
ER 4700N 800W	201 238	< 1	0.02	41	330	8	20	< 10	30	0.11	< 10	< 10	58	< 5	76
ER 4700N 850W	201 238	< 1	0.02	50	680	12	< 5	< 10	32	0.13	< 10	< 10	58	< 5	90
ER 4700N 900W	201 238	< 1	0.01	33	120	2	5	< 10	34	0.11	< 10	< 10	70	< 5	130
ER 4700N 950W	201 238	< 1	0.02	40	290	18	5	< 10	36	0.15	< 10	< 10	63	< 5	192
ER 4700N 1000W	201 238	< 1	0.02	46	370	16	10	< 10	32	0.15	< 10	< 10	61	< 5	197
ER 4900N 500W	201 238	< 1	0.01	20	340	12	< 5	< 10	27	0.05	< 10	< 10	34	< 5	54
ER 4900N 550W	201 238	< 1	0.02	25	380	8	< 5	10	30	0.09	< 10	< 10	49	< 5	74
ER 4900N 600W	201 238	< 1	0.02	36	640	20	< 5	< 10	29	0.12	< 10	< 10	60	< 5	78
ER 4900N 650W	201 238	< 1	0.03	29	310	16	5	< 10	32	0.12	< 10	< 10	58	< 5	77
ER 4900N 700W	201 238	< 1	0.02	35	220	16	< 5	< 10	32	0.11	< 10	< 10	58	< 5	83
ER 4900N 750W	201 238	< 1	0.01	38	210	12	15	< 10	46	0.10	< 10	< 10	66	< 5	68
ER 4900N 800W	201 238	< 1	0.01	35	200	12	15	< 10	40	0.12	< 10	< 10	63	< 5	72
ER 4900N 850W	201 238	< 1	0.01	42	350	4	25	< 10	40	0.10	< 10	< 10	70	< 5	68
ER 4900N 900W	201 238	< 1	0.02	30	280	12	15	< 10	33	0.09	< 10	< 10	64	< 5	53
ER 4900N 950W	201 238	< 1	0.01	36	220	8	20	< 10	40	0.12	< 10	< 10	60	< 5	52
ER 4900N 1000W	201 238	< 1	0.01	31	260	< 2	30	20	50	0.13	< 10	< 10	71	< 5	49

CERTIFICATION :

*P. C. J.*





# 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 : 584 WATSON

Comments:

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Date : 5-AUG-87  
Invoice #: I-8718438  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8718438

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
ER RD 612M	205	238	< 1	0.01	14	470	12	45	< 10	35	< 0.01	< 10	< 10	51	< 5	65
ER RD 825M	205	238	< 1	0.01	23	510	18	10	< 10	53	< 0.01	< 10	< 10	48	< 5	67
ER 285W 5000N	205	238	< 1	0.10	8	540	6	< 5	< 10	70	0.12	< 10	< 10	48	< 5	48
ER 965W 5000N	205	238	< 1	0.13	7	630	< 2	15	< 10	68	0.11	< 10	< 10	56	< 5	24
ER 1000W 4980N	205	238	< 1	< 0.01	120	210	2	50	< 10	119	< 0.01	< 10	< 10	63	< 5	49
ER 1235W 5000N	205	238	1	0.12	2	540	12	< 5	20	60	0.11	< 10	< 10	58	< 5	13
ER 1500W 4850N	205	238	7	< 0.01	10	30	22	< 5	< 10	11	< 0.01	< 10	< 10	10	35	31
SUN 1500W 100S	205	238	< 1	0.10	3	690	< 2	< 5	< 10	35	0.09	< 10	< 10	51	< 5	22
62135	205	238	< 1	0.03	11	540	6	15	< 10	25	< 0.01	< 10	< 10	38	5	68
61236	205	238	< 1	0.01	30	30	< 2	>10000	10	150	< 0.01	< 10	< 10	7	5	16
62137	205	238	< 1	0.01	10	620	4	370	< 10	32	< 0.01	< 10	< 10	46	5	53

CERTIFICATION :



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## CERTIFICATE OF ANALYSIS A8718438

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppb	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
BR RD 612M	205 238	5	1.30	0.2	55	190	1.0	2	1.48	< 0.5	15	83	17	4.04	< 10	< 1	0.19	10	0.07	942
BR RD #25M	205 238	5	1.86	0.2	55	90	1.0	< 2	1.75	< 0.5	16	70	22	3.71	< 10	< 1	0.22	10	0.40	851
BR 28 SW 5000N	205 238	< 5	1.56	0.2	< 5	200	0.5	< 2	1.14	< 0.5	10	149	15	2.23	< 10	< 1	0.27	10	0.73	724
BR 96 SW 5000N	205 238	< 5	1.75	0.2	90	220	0.5	< 2	0.61	< 0.5	12	91	23	1.77	< 10	< 1	0.21	10	0.53	401
BR 1000W 4980N	205 238	< 5	1.52	0.2	350	100	1.0	< 2	0.09	< 0.5	21	90	52	3.15	< 10	< 1	0.06	< 10	0.03	602
BR 1235W 5000N	205 238	< 5	1.31	0.2	65	170	0.5	< 2	0.30	< 0.5	6	91	184	2.30	< 10	< 1	0.25	10	0.55	117
BR 1500W 4850N	205 238	25	0.15	1.0	215	10	< 0.5	10	0.03	< 0.5	2	395	63	1.07	< 10	< 1	< 0.01	< 10	0.07	111
SUN 1500W 100S	205 238	10	1.55	0.2	40	160	< 0.5	< 2	0.36	< 0.5	7	109	210	2.09	< 10	1	0.46	10	0.59	178
62135	205 238	5	1.26	0.2	60	210	0.5	< 2	1.67	< 0.5	13	102	21	3.98	10	< 1	0.22	10	0.18	1005
61236	205 238	15	0.23	0.2	30	50	< 0.5	< 2	2.34	< 0.5	7	94	17	1.47	< 10	22	0.05	< 10	0.21	430
62137	205 238	5	1.86	0.4	105	140	< 0.5	< 2	1.12	< 0.5	11	62	32	3.33	10	2	0.30	10	0.06	491

CERTIFICATION :