Suite 401 - 134 Abbott St., Vancouver, B.C. Canada V6B 2K4 (604) 683-8271

INVERMAY RESOURCES INC.

A Report on a Geochemical Survey

of the

Treblif (1-8) Claim Group

New Westminster M.D., B.C.

Location: Claim Sheet (92H-4 (W)

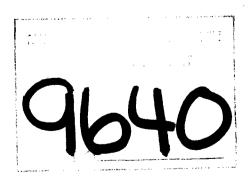
49° 15' N. Latitude 121° 53' W. Longitude

Operator: Invermay Resources Inc.

Report Prepared by

T. L. Sadlier-Brown

August 18, 1981



GEOLOGISTS AND ENGINEERS

SUMMARY

Invermay Resources Inc. carried out a geochemical soil sampling program on its Treblif Claim group, New Westminster Mining Division. Samples were analyzed for Cu, Mo, Ag and Zn.

The claims are underlain by volcanic rocks of the Harrison Lake Formation which are host to a zone of massive sulphide mineralization in the southern part of the claim area. The mineralized zone appears to coincide with the Cu geochemistry and, in the writer's opinion, could be traced beneath overburden using additional Cu soil geochemistry.

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1.0 INTRODUCTION

1.1 Terms of Reference

This report is prepared on behalf of Invermay Resources Inc. of Vancouver, B.C. at the request of the company's president Mr. Mel Pardek. It is based on observations made by the writer during a course of a visit to the Woodside Mountain claims on July 20, 1980 and on an evaluation of the results of a geochemical soil sampling survey carried out by Invermay personnel between June 18th and July 23rd, 1980.

1.2 Claims and Ownership

The Invermay holding consists of 22 claims in two groups located on the south slope of Woodside Mountain. North of the Fraser River and from 2 to 3 miles east of the mouth of the Harrison River. They are situated in the New Westminster Mining Division and appear on claim sheet 92H/4W. The claims under discussion comprise the Treblif Group. Pertinent data is as follows:

Name		Record No.	Date of Record
Treblif	1-8	962 - 969	June 20, 1980

1.3 Access

The claim group is readily accessed by Highway 7, the main line of the CPR, and by trails or logging roads which lead northerly up Woodside Mountain from the highway in the area east of the Harrison River Bridge.

1.4 Physiography and Vegetation

The property is situated on the densely wooded south facing slope of Woodside Mountain. Forest cover is mixed at the lower elevation and primarily coniferous in the higher or northern part of the area of interest. Underbrush is generally dense although there are occasional open patches underlain by exposed bedrock.

The slope is steep, occasionally precipitous, and is incised by several stream gulleys tributary to the Fraser River.

Bedrock is present in sufficient quantities for geological mapping and conventional prospecting.

The climate is moist and temperature, typical of the southern coast range of British Columbia.

1.5 Previous Work

An extensive amount of trenching has been carried out on the Treblif claims immediately adjacent a road which leads from Highway 7 to the summit of Woodside Mountain. The work was done on a zone of pyritized volcanic rock at an unknown date. Additional later work was done on the prospect by Ascot Mines Ltd. (B.C. Minister of Mines, An. Report 1966, pp 62-63).

2.0 GEOLOGICAL OBSERVATIONS

2.1 General Setting

The lower south slope of Woodside Mountain is underlain by rocks of the Harrison Lake Formation which consists mainly of intermediate to acidic volcanics. They are locally intruded by quartz diorite, probably upper cretaceous or lower tertiary in age and cut by mineralized veins in at least two localities.

2.2 Property Geology

The Treblif 1-8 claims are underlain mainly by Harrison Lake Group andesites, andesite porphyry, andesite breccia, and basalt. These rocks are locally silicified and mineralized, in places quite strongly, with sulphides--primarily pyrite. Four grab samples were taken from a trenched area adjacent the road leading to the summit of Woodside Mountain. They are described as follows:

- Sample No. 8978 mineralized exposure in a small creek at the eastern end of the sulphide gossan zone on the west claim group 0.35% Cu; <0.003 oz/ton Au.
- Sample No. 8979 central part of the gossan zone. From several big boulders near the road switch back, strongly disseminated to massive pyrite in brecciated volcanic rock <0.01% Cu; <0.003 oz/ton Au.
- Sample No. 8980 similar rock to 8979 from the extreme west end of the gossan zone showing 0.04% Cu; <0.003 oz/ton Au.
- Sample No. 8981 small sample of silicified volcanic breccia with pyrite and white quartz from a mineralized vein which cuts across the breccia zone near the west end of the gossan 0.01% Cu; <0.003 oz/ton Au.

A sample from this locality described in a report by A.S. Allen, P.Eng.¹ assayed 0.20% Cu, 0.22 oz/ton Ag, 0.35% Pb, 3.77% Zn. Sphalerite was not observed in the present samples but is apparently a potentially important constituent in parts of the mineralized zone.

¹ Allen, A.S.; Agassiz Mountain Property of Ascot Mines Ltd. Private Report Nov. 1965.

3.0 GEOCHEMISTRY

3.1 Sampling and Analytical Method

A total of 60 soil samples were taken from the general area of the known sulphide occurrence on the Treblif claim. The samples were of B horizon material and were dug using a mattock at stations on a chain and compass controlled grid. They were placed in paper sample bags and analyzed by company personnel using a colourmetric cold test for copper. The results from this test are essentially qualitative and are given as negative, background or positive. Of the 60 samples tested 40 from the southern part of the area, which produced most of the positive results, were analyzed by atomic adsorption methods after hot acid digestion of a -80 mesh fraction of each sample. Analysis was for Cu, Mo, Ag, and Zn. Analytical work was by General Testing Laboratories Ltd., of Vancouver. Results were given in parts per million for each element with Ag, Cu and Zn plotted in Figures 3, 4 and 5. Mo values were consistently low (1 to 2 ppm) and are not plotted.

3.2 Distribution of Silver Values

Soil silver content in the survey area varies from 0.4 to 1.4 ppm and averages 0.6 ppm. The values appear to be homogeniously dispersed throughout the grid. No

defineable anomaly can be recognized although there is a tendency for the higher values (>0.7 ppm) to occur in the central part of the area. These coincide roughly with the area of higher Zn content and both Cu and Ag tend to occur in the area with the lowest Cu content.

3.3 Distribution of Copper Values

Copper ranges in value from 10 to 247 ppm in the grid area. Highest values occur in the southwest part of the grid in the general vicinity of the massive sulphide occurrence. The anomaly is open to the south along the inferred trend of the sulphide zone.

3.4 Distribution of Zinc Values

Soil zinc content is generally low varying from 74 to 308 ppm. Distribution relates only weakly to the massive sulphide occurrence and soil copper values but coincides roughly with the soil silver content. The strongest values lie in the east central part of the grid suggesting a Zn source in the general vicinity uphill to the east. The 3.77% Zn value reported earlier is not reflected in the geochemical results.

4.0 DISCUSSION AND CONCLUSION

The massive sulphide target appears to be traceable through the use of copper soil geochemistry. Zn, Ag, and Mo values appear to be of limited use although Zn should be tested for in any future work in the light of earlier assay results. Expansion of the grid to the southeast and west should define the area of interest with sufficient accuracy to locate trenches and possibly drill holes.

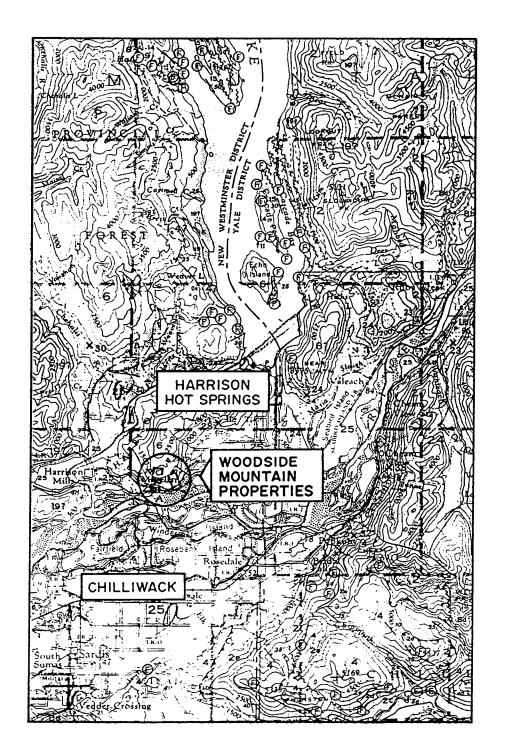
The zone should respond to EM testing as well but, as much of the sulphide is barren of economic metals the favoured approach is additional geochemistry with the objective in mind being the discovery of lateral or vertical increases in base metal content within the massive sulphide zone.

Respectfully submitted,

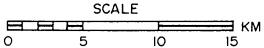
NEVIN SADLIER-BROWN GOODBRAND LTD.

Sociation of Sadier-Brown Fellow

T. L. Sadlier-Brown FELLOW







INVERMAY RESOURCES INC.

PROPERTY LOCATION MAP WOODSIDE MOUNTAIN PROPERTIES

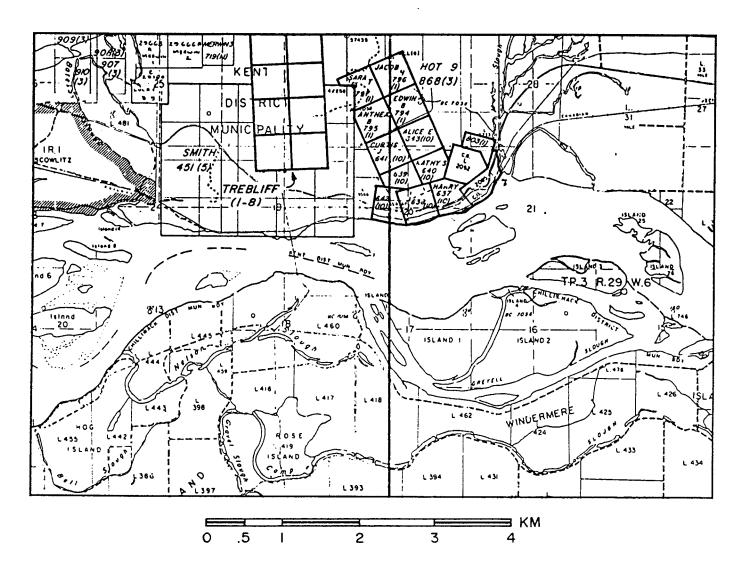
NEW WESTMINSTER M.D., B.C.

N.T.S. MAP 92H

FIGURE I

NEVIN SADLIER-BROWN GOODBRAND LTD.

AUGUST 2 , 1981



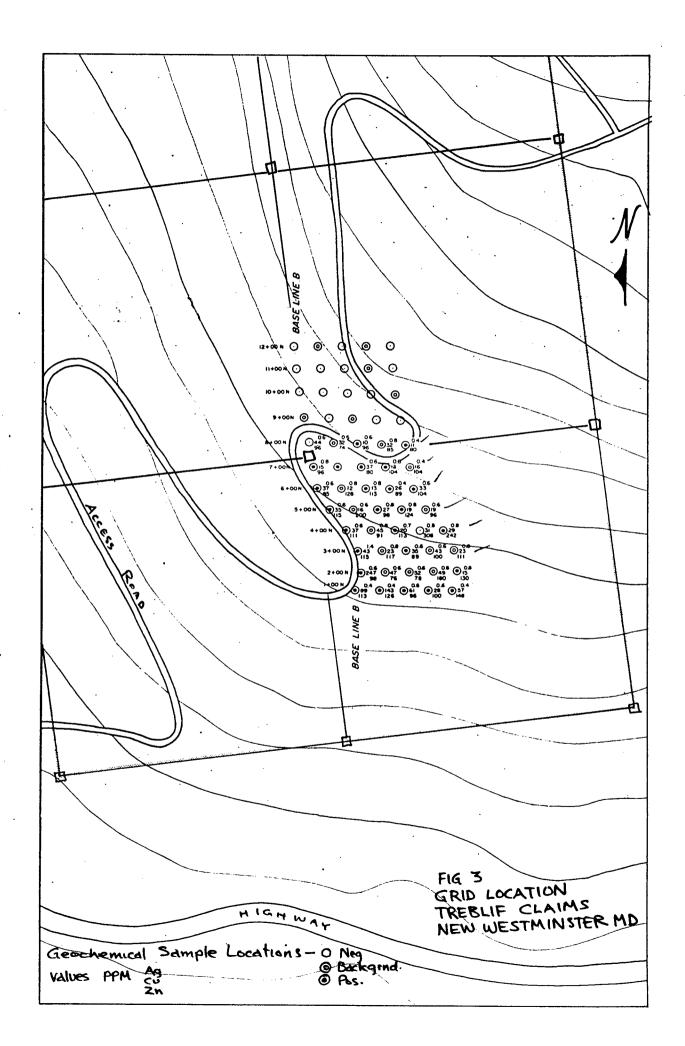
INVERMAY RESOURCES INC.

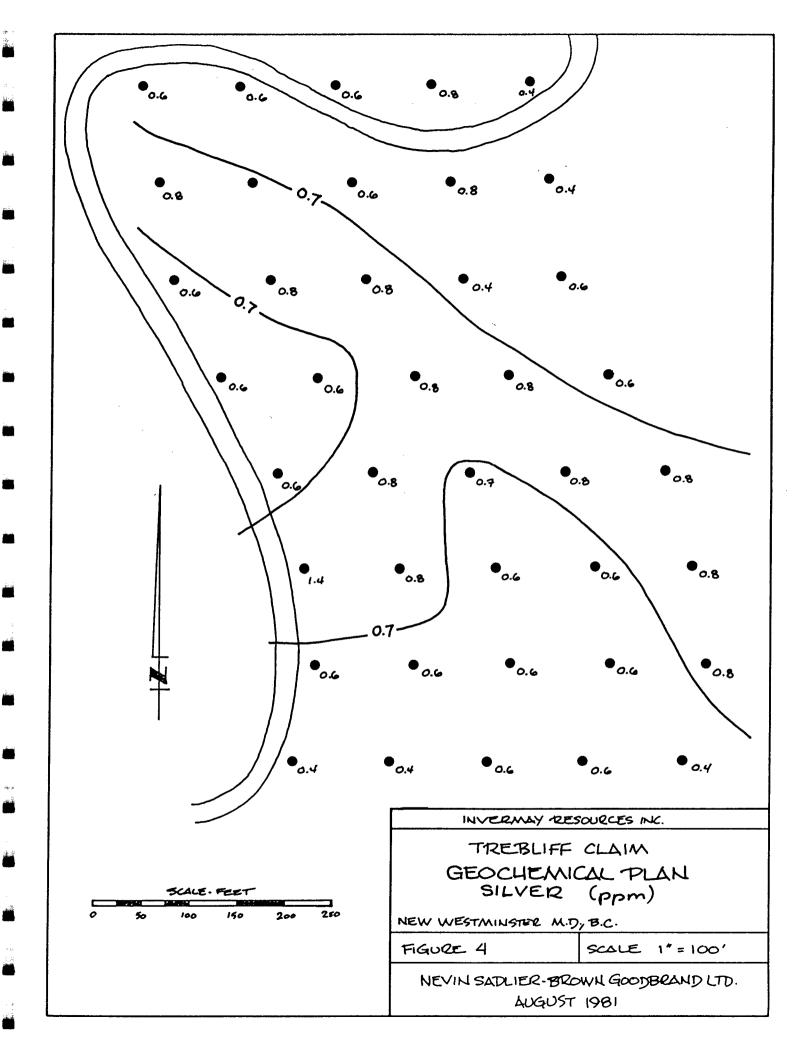
CLAIM MAP WOODSIDE MOUNTAIN PROPERTIES

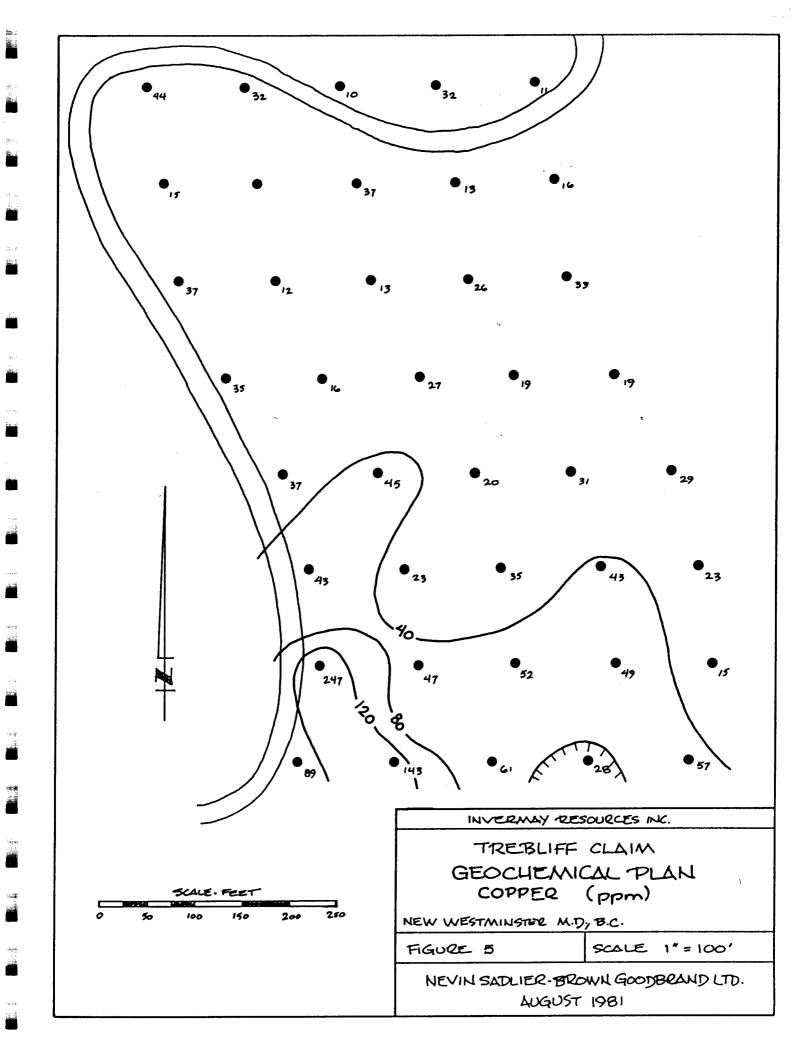
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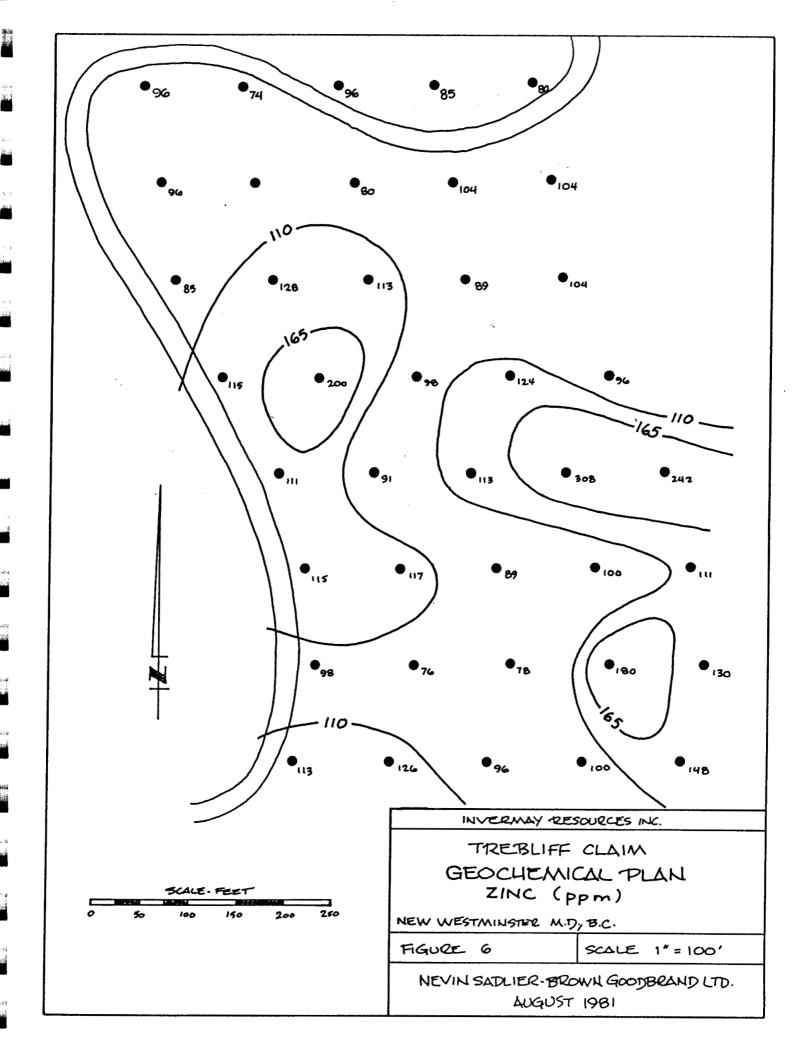
FIGURE 2

NEVIN SADLIER-BROWN GOODBRAND LTD.
AUGUST 2 , 1981









APPENDIX A - CERTIFICATE AND STATEMENT OF QUALIFICATIONS

- I, Timothy L. Sadlier-Brown hereby certify that:
- 1. I am a consulting geologist and partner in the firm of Nevin Sadlier-Brown Goodbrand Ltd. with offices at 401-134 Abbott Street, Vancouver, B.C. V6B 2K4
- 2. I was educated at Carleton University in Ottawa, Ontario and am a Fellow of the Geological Association of Canada
- 3. I have acted in the field of exploration geology in positions of responsibility since 1965 and have been a principal in the firm of Nevin Sadlier-Brown Goodbrand Ltd. since 1972
- 4. I have personally carried out a geological examination of the Treblif property and have reviewed results of the sampling as described in this report.

T. L. Sadlier-Brown C. FELLOW

APPENDIX A2 - CERTIFICATE OF AUTHOR

I, Brian D. Fairbank, hereby certify that:

- My residence address is 342 West 15th Street, North Vancouver, B.C., V7M 1S5
- 2. I am a consulting geologist with the firm of Nevin Sadlier-Brown Goodbrand Ltd., 401-134 Abbott Street, Vancouver, B.C. V6B 2K4
- 3. I hold a B.A. Sc. in Geological Engineering from the University of British Columbia. I have been practicing my profession since 1973, and I am a member of the Association of Professional Engineers (Geological) of the Province of British Columbia
- 4. I am a Fellow of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy
- 5. I have reviewed the report prepared by T.L. Sadlier-Brown for Invermay Resources Inc. personally. I have not examined the Treblif (1 8) claim group in the field.
- 6. I hold no direct or indirect beneficial interest in the above property nor in the securities of Invermay Resources Inc.

Brian D. Fairbank, P.Eng.

JTREBLIF 1-8

APPENDIX B - ITEMIZED COSTS AND PERSONNEL

ALAN ISAAK	GRID CUTTING SURVEY & ESTABLISH BASE LINE	2 X 100	200.00
	JUNE 18 - 19		
BRUCE REIMER	GRID CUTTING	3 X 75	225.00
	JUNE 21 - 23		
TERRY WRIXON	GRID CUTTING	3 X 75	225.00
	JUNE 21 - 23		
ACCOMODATION/MEALS			133.05
TRANSPORTATION	4 X 220 km @ .20 / km	880 X .20	176.00
		total=	959.05

APPENDIX B (cont'd)

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BRUCE REIMER

GEOCHEM

18 X 75 1350.00

GATHERING & ANALYSIS

JULY 5 - AUGUST 14

TRANSPORTATION

 $4 \times 220 \text{ km} = 880$

456.00

14 X 100 km = 1400

2280 km @ .20

WORKER'S COMPENSATION

95.01

969.35

959.05

total= 4829.41

APPENDIX B (cont'd)

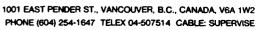
total= 969.35

REBLIF 1 - 8	APPENDIX B (cont.d)		
ACCES 1	•		
TERRY WRIXON	GEO-CHEM GATHERING & ANALYSIS	4 X 75	300.00
	JUNE 24, 25, 28, 29.		
BRUCE REIMER	GEO-CHEM GATHERING & ANALYSIS	6 X 75	450.00
	JUNE 24, 25, 28, 29, 30 JULY 2.		
ACCOMODATION/MEALS			87.35
TRANSPORTATION	3 X 220 km @ .20/km	660 X .20	132.00

APPENDIX C

Geochemical Results

General Testing Laboratories A Division of SGS Supervision Services Inc.





INVERSAY RESCURCES INC. 73 Water Street 7th Plear Vancouver. B.C.

CERTIFICATE OF ASSAY

No.: 8008-0559

DATE August 21, 1980

We hereby certify that the following are the results of assays on:

Soil samples

	SILVER	Copper	Line 1	olybdemm	XXX	XXX	EXX
MARKED	AE(33m)	Cu (yyan)	Sa (yya)	No (ppm)			
ILA 00+00 1+00E	0.4	13		1			
TA 60+00 2+00E	0.6	18	\$5 40	1			
ILA 60.00 NILOUE	0.6	23	154	2			
NA 59+00# 1+00#	0.8	28	369	2			
36+00E 2+00E	0.6	12	1.2	2			
ISA COLOCII	0.6	19	\$7	2			
864 00+00 1+00W	0.6	13	122 57 65 51			Ì	ĺ
BEA 00+00 2+001	0.6	13	5	(• ({	
* 3.00	0.6	10	16	74		,	
· · Licov	0,6	14	146 72	2			{
" " \$+00W	0.4	13	42	-	.me/s	1	-
* * 6+00V	0.6	11	A CONTRACTOR	2			
BLA 51+00 5+00V	0.6	16	532-	1	at & Control of the C		
ELA 00100 7100N	9.6	5 200	65	1	S.		-
BLA S6+80M L+00M	0.6	11	22	2			
9+008	0.6		117	2			
ria s6+00m	0.6	15	The state of the s	<u>.</u>			
BEA 6+00M 6+00M		15	23	7			
BLA " 6+00W	0.6						
" " 15+00W	0.6	Apr	89 38	2			
" " 12+00W	206	12	\$7	2			
	0.5	9		2			
NLA " 10+00W	(93)	1 100	<i>y</i> 91			9	
" 8+37 Creek	1 2	23	133	1			
" " 6+00V	0.8	6	36				
" " 2+00V	0.6	e E	27	1			
NIA 00+00 3+00E	94	7	21	7		i	
" 5+00E	0.6	8	42	1			
" " Ligor	0.8		15	1			
SEA 61+00 1+00E	0.8	5 14	139	1			
SLA 214-GOM	0.6	14	65	1			
" " 10+00E	0.6	8	96	2			
SLB 7+00N 3+00E	0.6	13	104	2			
BLB 7+00M 2+00M Ros		37	80	2			
SLB 8+00M 3+QOE		1					
(SV Scope 26)	0.8	32	85	2			
SLB 6+00N 4+00E							
- Rock Slide	0.6	33	104	2			
				1			

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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General Testing Laboratories

A Division of SGS Supervision Services Inc.



TO:
INVERMAY RESOURCES INC.
73 Water Street
7th Floor

Vancouver, B.C.

(Continued) ... page 2 ...

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2 PHONE (604) 254-1647 TELEX 04-507514 CABLE: SUPERVISE

CERTIFICATE OF ASSAY

No.: 8008-0559 DATE: Aug. 21/80

We hereby certify that the following are the results of assays on:

Soil samples

F-4		xx997	SILVER	Copper	Zino	Molybdemma xxx	XXX	XXX
	MARKED	:	Ag(pym)		2m (ppm	<u> </u>	:	
(30) (34)	BEB 6+00N 3+00B		0.4	26	89	4	:	
	(25° \$1000)		00.4		•,			
	Hib 8+00m l+100m (SW Slope 2lt)		0.#	11	80	1		
	HEB 7+00H HOOR		0.4	16	104	2		
-	(SV Slope 27") BLB 6+00M		014	, i				1
4	(Road dirt gravel)		0.6	37	85	4		
	REE SHOOM Road		0.6	种种	96			
	BLB 8+00M 1+00E Road		0.6	32	74	1		i.
	RLB 8+00M 2+00M (SV Slage 27°)		0.6	10	75			
•	BLA 56+00H 2+00H		0.6	7/	~36 ₹	1		
l	BLB 74068		0.8	15	V ₆ /	1		
	(Read dirt gravel)							
	(Skid Road)		0.8	715	130	1		
	BLB 2+00M 3+00R		0.6	(July)	180	1		
	BLB 1+00H Road Gensi	n.	0.4	183	113	2		
	SE 1+00H 1+00H (S Slope 30°)		John 1	(14)	126	1		
	HIJB 1+00H 4+00H		Cash.	57	148	1		
	154 52+00M 7+00W 23		16.6	1	133	1		
l	BLA53+00N 8+00W 27" BLA 51+00N 8+00W	N.	0.8)19 13	139 135	2		
	BLA 52+00M 9+00W		6	110	91	i		
	BLA 7+00M 1+00M 81.0p	• 25°	0.6	14	111	1		
۱	BLA 53+00% 6+00W		0.8	16	193 –	1		
1	(\$ \$lope 29°) BLA 53+00H 4+00W		0.8	10	220-	1		
	BLA 52+00N 5+00W		0.8	11	605 -	1		
	BLA 51+00N 6+00W SE	29°	0.8	22	624-	1		
	BLA 51+00H 4+00W BLA 53+00N 5+00W		0.6 0.7	11 16	240 _ 360 -	1		
	BLA 52+00N 3+00W	į	0.8	15	209 ~	1		
	BLB 6+00N 1+00E	İ	0.8	12	128	1		
	BLB 3+00N 1+00B		0.8	23	117	1		
	BLB 6+00N 2+00M		018	13	113	1		

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R. NADEAU, Chemiat



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TO: INVERMAY RESOURCES INC.

No.:

CERTIFICATE OF ASSAY

.: 8008-0559

DATE: Aug. 21/80

We hereby certify that the following are the results of assays on:

Soil samples

Γ		EXECUTE .	SILVER		-	 	[· · · · · · · · · · · · · · · · · · ·	 	
:	MARKED			Copper	Mine	Molybdem	M XXX	XXX	XXX
	MAINE		Ag (yym)	On (Man)	Ma (pym)	No (yym			
Γ	TITE C. Adm. 1 . Adm			40	26				
	BLB SHOOM 4400M		0.6	19	96				
	NLB 5+00H 3+00H		0.8	19	124	1			
ı			0.8	27	98	1			
94	14AM CC	riche	0.6	16	200				
	BLB 3+00H 2+00H		0.6	35 43	89	**		}	
-1	77000		0.6	43	100				
	diane.		0.8	23 37 15 20	111				
	BLB brook Reed		0.6	्रा	111	$\mathcal{L}_{\mathbf{I}}$			
-	17703		0.8	45	91				
	CTORE		0.7	20	113	The state of the s	Nethia.		
	NLB 2+00% 1+00% NLB 2+00% 2+00%		0.6	47	-36	The state of the s			
	Applications of the same of the		0.6	52	78		Sept. Contraction		
	BLB 1+00H 3+00H		0.6	247			or .		
3.	** ** 2+008		0.6	28 61	300				
	BLA SOLOGE BLOOK		0.6	23	7			1	
	BLA SUIGON 6100V		0.6		10k				
	ELA Shigon Shoon		[F	13	Cip .	, Tan			
أفتة	_(gentle slepe)		0.6	733	427	1			
	11. 52+00H 8+00E		10.6	A TOPE	98	2		1	
	BLA \$3+000 7+00N			200	220 -	2			
i i	BLA SOMEON SHOOM		6	U	/ 378 -			, ,	
	BLA SAHOON IN-OOR		CA.	2	466 -	1			
	BLA \$2400M 6400B	1	7.5	111	398 ~	•			
195	REB 44008 34008		0.8	31	308 -	•			
	BLB INCOM INCOR		8.8	/29	21.2 -				
Ι,	BLB SOLOON SHOOM		0.6	26	280 -	•		1	
	MLA SINOOM INCOM		0.8	17	213 —	i		! !	
	52+00# 2+00#		1.6	9	100	4]	
	BLB 3+00M Read Grav	1	1.4	43	115	1			
- 1	BLB 5+00N Road	-	0.6	35	115	1			
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R. NADRAU. Chemist Transparation