GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS

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AUG 1 4 1995 Gold Commissioner's Office VANCOUVER, B.C.

DIAMOND DRILLING AND PERCUSSION DRILLING REPORT

on the

WOOD MINERAL CLAIMS

Kamloops Mining Division British Columbia

N.T.S. 092I/10E ~ Latitude 50° 37' 00" N ~ Longitude 120° 32' 30" W ~

for

FILMED

Sec. 5.

operator: GREEN VALLEY MINES INC. 2245 West 13th Avenue Vancouver, B.C. V6K 2S4

> owners: Mr. Charles Boitard

> > and

Mr. Victor Doucet

by

P. REYNOLDS, B.Sc., P.Geo. AUGUST 11, 1995

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1. SUMMARY

- 1.1 The Wood property consists of 35 contiguous mineral claims totalling 99 units. The claims are located approximately five kilometres southwest of the former producing Afton Mine and 18 kilometres west-southwest of the town of Kamloops, B.C. The claims are accessible by good gravel roads from Kamloops.
- 1.2 The property is underlain for the most part by andesites of the Nicola Volcanics.
- 1.3 One percussion hole and one diamond drill hole were completed in 1994 to test for copper mineralization. Diamond Drill Hole 94-2 intersected a 43 metre section, from 25.91 metres to 69.21 metres, with trace amounts of native copper.
- 1.4 It is recommended that diamond drill hole 94-2 be split in three metre sections and assayed for copper. In conjunction with this, all previous work should be compiled into a single database and reviewed.

2. **INTRODUCTION**

- 2.1 This report has been prepared at the request of Mr. Charles Boitard, President of Green Valley Mines Inc., to satisfy assessment requirements.
- 2.2 The information for the following report was obtained from sources cited under references and from the authors drill logs of percussion hole 94-8 and diamond drill hole 94-2. The drilling program was carried out by Mr. Charles Boitard between July 4 and September 30, 1994. The author logged percussion drill hole 94-8 and diamond drill hole 94-2 in August 1995. The diamond drill core is stored at the drill site on the property.
- 2.3 The registered owner of the Wood claims is Mr. Charles Boitard and Mr. Victor Doucet. The claims are being operated by Green Valley Mines Inc. The claims lie approximately 18 kilometres west-southwest of Kamloops, B.C. This area is known for its porphyry copper and molybdenum production from both volcanic and intrusive host rocks. Significant gold and silver has also been recovered from these deposits.

3. LOCATION, ACCESS AND PHYSIOGRAPHY

3.1 The Wood property is located on the Thompson Plateau approximately 18 kilometres westsouthwest of Kamloops, B.C. The claims are centered at 50° 37' north latitude and 120° 33' west longitude on NTS map sheet 0921/10E. The claims are in the Kamloops Mining Division.



- 3.2 Access is provided by the Trans-Canada Highway and then south along the Green Mountain Road which branches off the highway approximately two kilometres west of the Afton Mine. Good dirt roads provide access to most of the claim area.
- 3.3 The property lies between elevations 700 to 900 metres above sea level. Vegetation consists of pockets of Pine within grasslands. Water for all stages of exploration is available from nearby creeks. The climate is semi-arid with an average annual precipitation of 250 to 280 millimetres.

4. CLAIM STATUS

4.1 The Wood property comprises 35 mineral claims totalling 99 units. Complete claim information is as follows:

<u>NAME</u>	<u>UNITS</u>	<u>RECORD NO.</u>	EXPIRY DATE *
Camp	20	218587	13 June 99
Wood #1	1	218373	4 April 98
Wood #2	1	218374	4 April 98
Wood #3	1	218375	4 April 98
Wood #4	6	218376	4 April 98
Wood #5	9	218377	5 April 98
Wood #8	1	218382	16 April 98
Wood #9	1	218383	16 April 98
Wood #10	1	218384	16 April 98
Wood #11	1	218385	16 April 98
Kam #2	9	216956	26 August 99
Kam #3	1	216967	10 November 96
Kam #4	1	216968	10 November 96
Kam #5	9	318367	18 June 97
Creek #1	1	307541	3 February 96
Creek #2	1	307542	3 February 96
Creek #3	1	307543	3 February 96





NAME	<u>UNITS</u>	RECORD NO.	EXPIRY DATE *
Creek #4	1	307544	3 February 96
Creek #5	1	307545	3 February 96
Creek #6	1	307546	3 February 96
Creek #7	1	307547	3 February 96
Creek #8	1	307548	3 February 96
Cat #1	1	306784	11 December 95
Cat #2	1	306785	11 December 95
Cat #3	1	306786	17 December 95
Twin #1	1	316928	8 April 97
Twin #2	1	316929	8 April 97
Twin #3	1	316930	8 April 97
Twin #4	1	316931	8 April 97
Likely	16	304044	14 September 95
Camp #2	4	325396	14 May 98
Camp #3	4	325397	14 May 98
Cat #4	1	325398	13 May 98
Twin #5	1	327395	3 July 98
Twin #6	1	327396	3 July 98

* Includes assessment currently being applied.

- 4.2 The Camp #2 and Camp #3 claims overstake parts of Creek #3, Creek #4, Wood #10 and Wood #4 and completely overstake Creek #1, Creek #2, Cat #1, Cat #2 and Wood #11.
- 4.3 All claims are recorded in the name of Mr. Charles Boitard except Likely (Record No. 304044) which is recorded in the name of Victor Doucet. Any legal aspect of claim ownership is beyond the scope of this report.

5. HISTORY

- 5.1 The Afton orebody, located five kilometres northeast of the Wood claims, began production in 1977 and continued through 1991 when it was shut down for economic reasons. At startup, Afton had drill proven ore reserves of 30.84 million tonnes grading 1.0% copper, 0.58 ppm gold and 4.19 ppm silver at a cut off grade of 0.25% copper (Carr & Reed, 1976). It is reported that underground reserves still exist and that with an improvement in copper and/or gold prices the mine could be re-opened. Currently, the Afton mill is being operated and copper ore is being mined from the Ajax pit.
- 5.2 In 1980, three diamond drill holes were completed on the Kam claim adjoining the west side of the Wood #5 claim. Drill core showed native copper in the fractures. In 1981, nine percussion holes were completed on the Kam claims. These holes returned anomalous copper, silver and gold values.
- 5.3 During the 1981 field season, VLF-EM surveys were carried out over part of what is now the Wood claims. These surveys delineated three anomalous electromagnetic conductor zones.
- 5.4 In 1989, five kilometres of induced polarization surveys were completed on the Wood claims by the present owner. Results from this survey were inconclusive as only two lines were surveyed.

6. GEOLOGY

- 6.1 The Wood claims lie within the Quesnel Trough, a 30 to 60 kilometre wide belt of Lower Mesozoic volcanic and related sedimentary rocks bounded by older sedimentary rocks of the Cache Creek Group to the east and younger Coast Intrusions to the west. In the area of the Wood claims the Quesnel Trough is dominated by Upper Triassic Nicola Group andesites, basalts, tuffs and argillites. The Nicola Group is intruded by Upper Triassic Lower Jurassic diorite, syenite and monzonite of the Iron Mask Batholith. This batholith represents a major northwest trending structure that crosscuts the north-northwesterly trending Nicola volcanics. Portions of this area are obscured by later plateau lavas.
- 6.2 Bedrock exposure in this area amounts to only about ten percent, the rest being covered by glacial drift deposited from Pleistocene ice sheets that moved from northwest to southeast.
- 6.3 No systematic, property scale geological mapping has been carried out on the property.





7. **PERCUSSION DRILLING**

- 7.1 During the period July 4 to July 5, 1994 one percussion drill hole was completed on the Camp 3 claim. The drill hole was vertical. Drill hole locations are plotted on Figure 4.
- 7.2 Percussion drilling and sampling was supervised by Mr. Charles Boitard of Green Valley Mines Inc. Samples were taken every three metres (ten feet). Samples were obtained by riffling the chips down to approximately five kilograms of sample. A grab of this material was then sent to Rossbacher Laboratory Ltd., in Burnaby, B.C., for geochemical analysis of copper. Only a few intervals were assayed for gold. Exact analytical procedures are listed in appendix III. Drill logs are included in appendix II.
- 7.3 The following table summarizes the percussion drilling done in 1994:

HOLE NO.	<u>DEPTH (m)</u>
PDH 94-8	121.95

7.4 Percussion drill hole 94-8 returned copper values ranging from 71 ppm to 160 ppm. Rock chips were predominately andesitic in composition with moderate chlorite and epidote alteration.

8. DIAMOND DRILLING

- 8.1 During the period September 15 to September 30, 1994 one diamond drill hole was completed on the Camp 3 claim. Drill hole locations are plotted on Figure 4.
- 8.2 Drilling was supervised by Mr. Charles Boitard, President of Green Valley Mines Inc. Core size is NQ and BQ. The core is stored at the drill site. Drill logs are included in appendix II.
- 8.3 Diamond drill hole 94-2 was drilled vertically to a depth of 397.26 metres. The drill hole intersected andesite and augite porphyry. Trace amounts of disseminated native copper was seen in the core at various locations from 25.91 metres to 69.21 metres depth. No core was assayed. A drill section is plotted on Figure 5.



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		IEGEND	REYNOLDS GEOLOGICAL LTD. GREEN VALLEY MINES INC.
		LEGEND OB Overburden	REYNOLDS GEOLOGICAL LTD. GREEN VALLEY MINES INC. WOOD PROPERTY
		LEGEND OB Overburden 2 Augite Porphyry	REYNOLDS GEOLOGICAL LTD. GREEN VALLEY MINES INC. WOOD PROPERTY SECTION THROUGH DDH 94-2

9. CONCLUSION AND RECOMMENDATIONS

- 9.1 Diamond drill hole 94-2 intersected a 43 metre (drill width) zone bearing trace amounts of native copper. The copper mineralization was hosted for the most part by augite porphyry although some native copper was noted in the andesite.
- 9.2 The Wood group of claims lies within an area favourable to the development of porphyry copper deposits. This area has been looked at by several different individuals but, to the Author's knowledge, none of this previous work has been compiled into a single database. It is recommended that diamond drill hole 94-2 be split in three metre intervals and assayed for copper. In conjunction with this, all previous work should be compiled and presented in map form.

10. **REFERENCES**

Afton: A Supergene Copper Deposit. Part of C.I.M., Carr, J.M. and Reed, A.J. Special Volume 15: Porphyry Deposits of the Canadian Cordillera. 1976. Geology and Mineral Deposits of Nicola Map Area, British Cockfield, W.E. Columbia. Geological Survey of Canada, Memoir 249, 1**961**. Assessment Report on a Geophysical Survey Conducted on LaRue, John the Wood Group. British Columbia Ministry of Energy, Mines and Petroleum Resources. Assessment Report 20,116. June 6, 1990. Reynolds, P. Diamond Drilling and Percussion Drilling Report on the Wood Mineral Claims for Green Valley Mines Inc. June 22, 1994. Tully, Donald Assessment report on the Hank 1 mineral claim. British Columbia Ministry of Energy, Mines and Petroleum Resources. Assessment Report 11,550. August 24, 1981.

11. CERTIFICATE

I, Paul Reynolds, of the city of Vancouver in the province of British Columbia do hereby certify that:

- 1) I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia.
- 2) I am a graduate of the University of British Columbia with a B.Sc. degree in geology.
- 3) I have practiced my profession as exploration geologist since graduation in 1987.
- 4) This report is based on a review of previous reports and the Author's diamond and percussion drill logs PDH 94-8 and DDH 94-2.
- 5) I have no interest, directly or indirectly, in the Wood property or in the securities of Green Valley Mines Inc., nor do I expect to receive any interest in the future.
- 6) Permission is hereby granted to Mr. Charles Boitard and Green Valley Mines Inc. to use this report in support of any filing to be submitted to the Ministry of Energy, Mines and Petroleum Resources of the Province of British Columbia for the purpose of filing assessment on the Wood mineral claims.

Dated this 11th day of August, 1994.



APPENDIX I

STATEMENT OF COSTS

STATEMENT OF COSTS

Percussion Drilling	122 metres @ \$31/metre	3,782
Diamond Drilling	397 metres @ \$60/metre	23,820
Assays	23 @ \$15	345
Truck Rental		750
Supervision		3,750
Room and Board		2,500
Drill Logging, Draughting and Reporting		3,500
Supplies		500
Mob/Demob		500
GST		2,761

TOTAL

\$42,208

ΑΡΡΕΝΟΙΧ Π

DRILL LOGS



HOLE N.	94-2
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PROPERTY CAMP *3

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PROPERTY CAMP *3

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APPENDIX III

ASSAY SHEETS

ROSSBACHER LABORATORY LTD.

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2225 Springer Avenue Burnaby , B.C. Canada

GEOCHEMICAL ANALYTICAL METHOD DESCRIPTIONS 1993

A. SAMPLE PREPARATION

Soil and Silts :

Sanples are dried and sifted to minus 80 mesh using nylon or stainless steel screens.

Rock samples :

Samples are dried, crushed to 1/8 inch , split , and pulverized to minus 100 mesh .

B. METHOD OF ANALYSIS

Multi element Atomic Absorption :

0.5 gram of sample is digested with a 15:85 mixture of Nitric-Perchloric acid for four hours. The resulting extract is analyzed by Atomic Absorption Spectroscopy for any, or all of the following elements : Mo, Cu, Ni, Co, Mn, Fe, Ag, Zn, Pb, Cd, As.

ICP Emission Spectroscopy :

0.5 Gram of sample is digested with Aqua Regia, and the resulting extract analyzed for 30 elements.

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

ICP

To: LAKEWOOD MINING LTD.

2245 W 13TH AVE.,

VANCOUVER, B.C.

Project: WOOD

Type of Analysis:

2225 Springer Ave., Burnaby, British Columbia, Can. V5B 3N1 Ph:(604)299-6910 Fax:299-6252

 Certificate:
 94158

 Invoice:
 50183

 Date Entered:
 94-07-15

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PRE FIX		SAMP	LE NA	WE	PPM MO	PPM CU	РРМ РВ	PPM ZN	PPM Ag	РРМ Ni	PPM CO	PPM MN	X FE	PPN AS	PPN U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	РРМ. В 1	PPM. V	* CA	K P	PPM LA	PPN CR	%. MG	РРМ. ВА	ж. Ті	% AL	% NA	% K	* 51	РРЖ ₩	PPM BE A	dod AA UA	
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CERTIFIED BY : _____

