

**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

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.**  
**JUNE 22, 1994**

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**23,420**

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## 1. SUMMARY

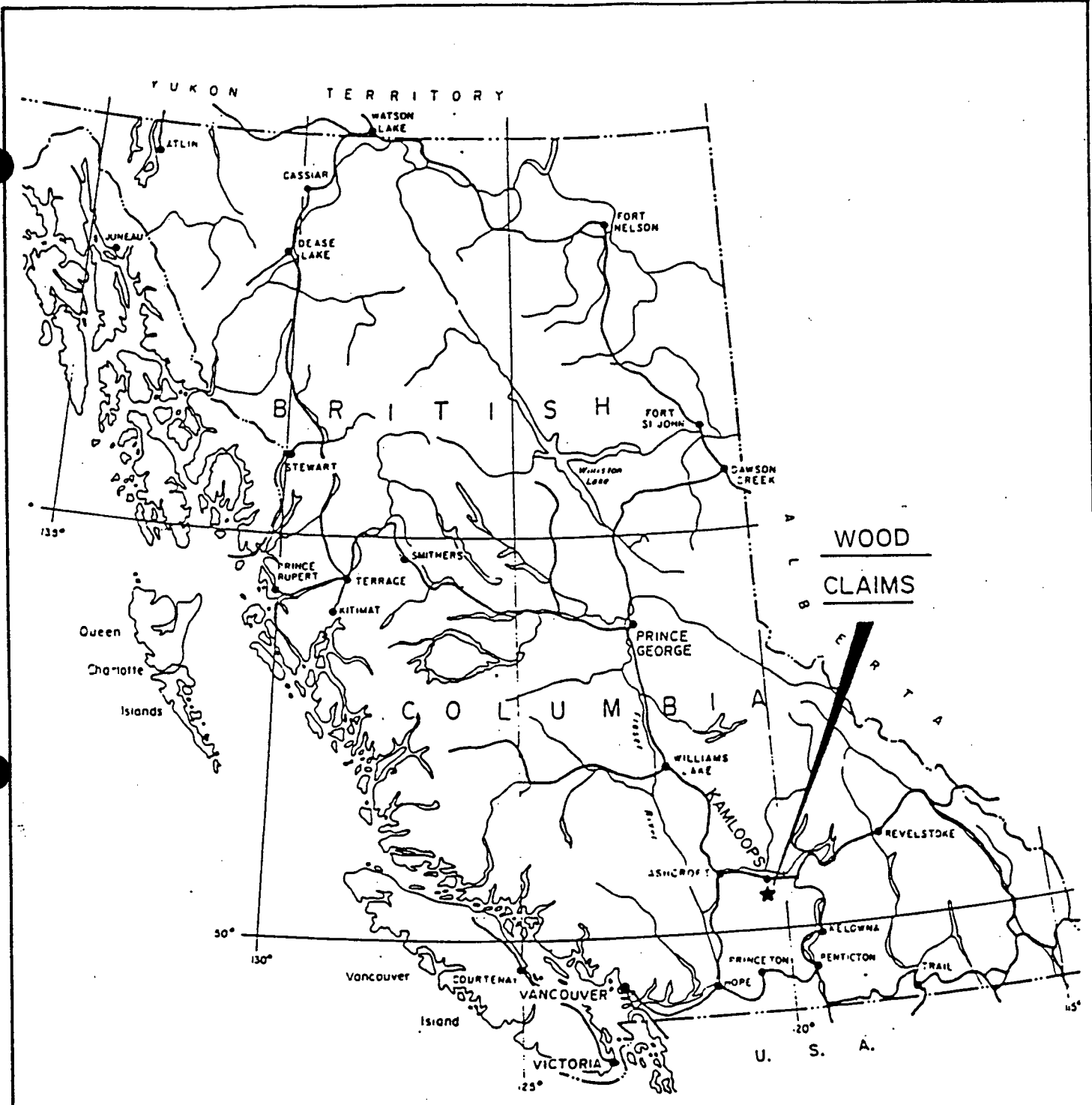
- 1.1 The Wood property consists of 30 contiguous mineral claims totalling 88 units. The claims are located approximately five kilometres southwest of the former producing Afton Mine and 18 kilometres west-southwest of the town of Kamloops, B.C. The claims are accessible by good gravel roads from Kamloops.
- 1.2 The property is underlain for the most part by andesites of the Nicola Volcanics.
- 1.3 Four percussion holes and three diamond drill holes were completed in 1993 to test for copper mineralization. No economic amounts of copper mineralization were encountered.
- 1.4 It is recommended that all previous work be compiled into a single database before any further field work is done.

## 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 drill logs of the four percussion holes and three diamond drill holes. The drilling program was carried out by Mr. Charles Boitard between April 10 and October 5, 1993. Mr. Rod Husband, P. Geo., logged the percussion drill cuttings in Vancouver on May 17, 1994. Mr. Bob Friesen, P. Geo., logged DDH 93-1C on September 26, 1993 and Mr. Rod Husband, P. Geo., Logged DDH 93-1 and DDH 93-2 on November 4, 1993. No property examination was made by the author.
- 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 been recovered from these deposits.

## 3. LOCATION, ACCESS AND PHYSIOGRAPHY

- 3.1 The Wood property is located on the Thompson Plateau approximately 18 kilometres west-southwest of Kamloops, B.C. The claims are centered at 50° 37' north latitude and 120° 33' west longitude on NTS map sheet 092I/10E. The claims are in the Kamloops Mining Division.



WOOD  
CLAIMS

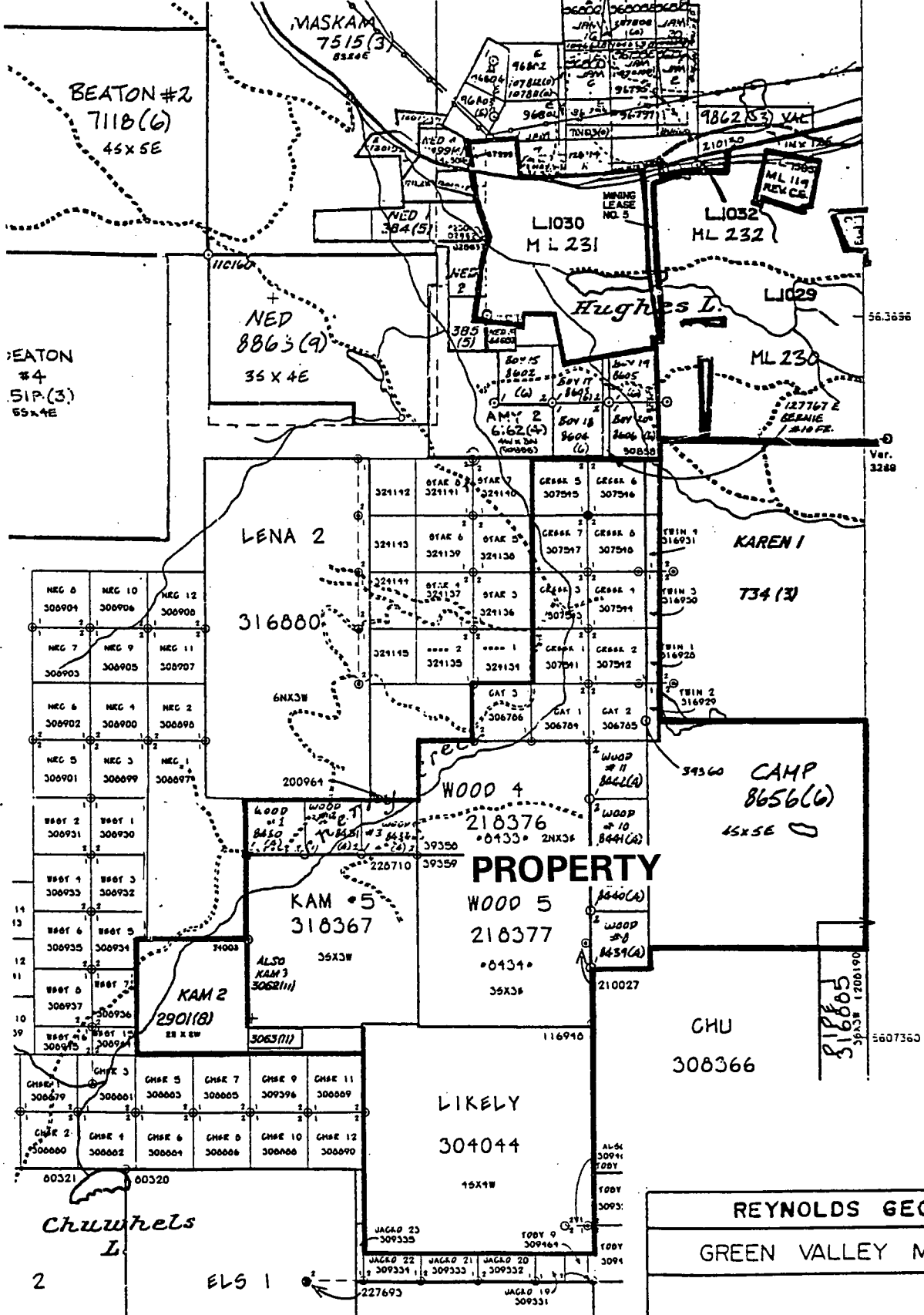
REYNOLDS GEOLOGICAL		
GREEN VALLEY MINES INC.		
LOCATION MAP		
KAMLOOPS M. D.		NTS: 0921/10E
DRAWN: P.R.	MAY '93	FIG. NO. 1

- 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 30 mineral claims totalling 88 units. Complete claim information is as follows:

<u>NAME</u>	<u>UNITS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE *</u>
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
Creek #4	1	307544	3 February 96
Creek #5	1	307545	3 February 96



Ver. 3280

5607350

<b>REYNOLDS GEOLOGICAL</b>			
<b>GREEN VALLEY MINES INC.</b>			
<b>CLAIM MAP</b>			
KAMLDOPS M. D.		NTS: 0921/10E	
SCALE AS SHOWN	DRAWN: P.R.	MAY '93	FIG. NO. 2

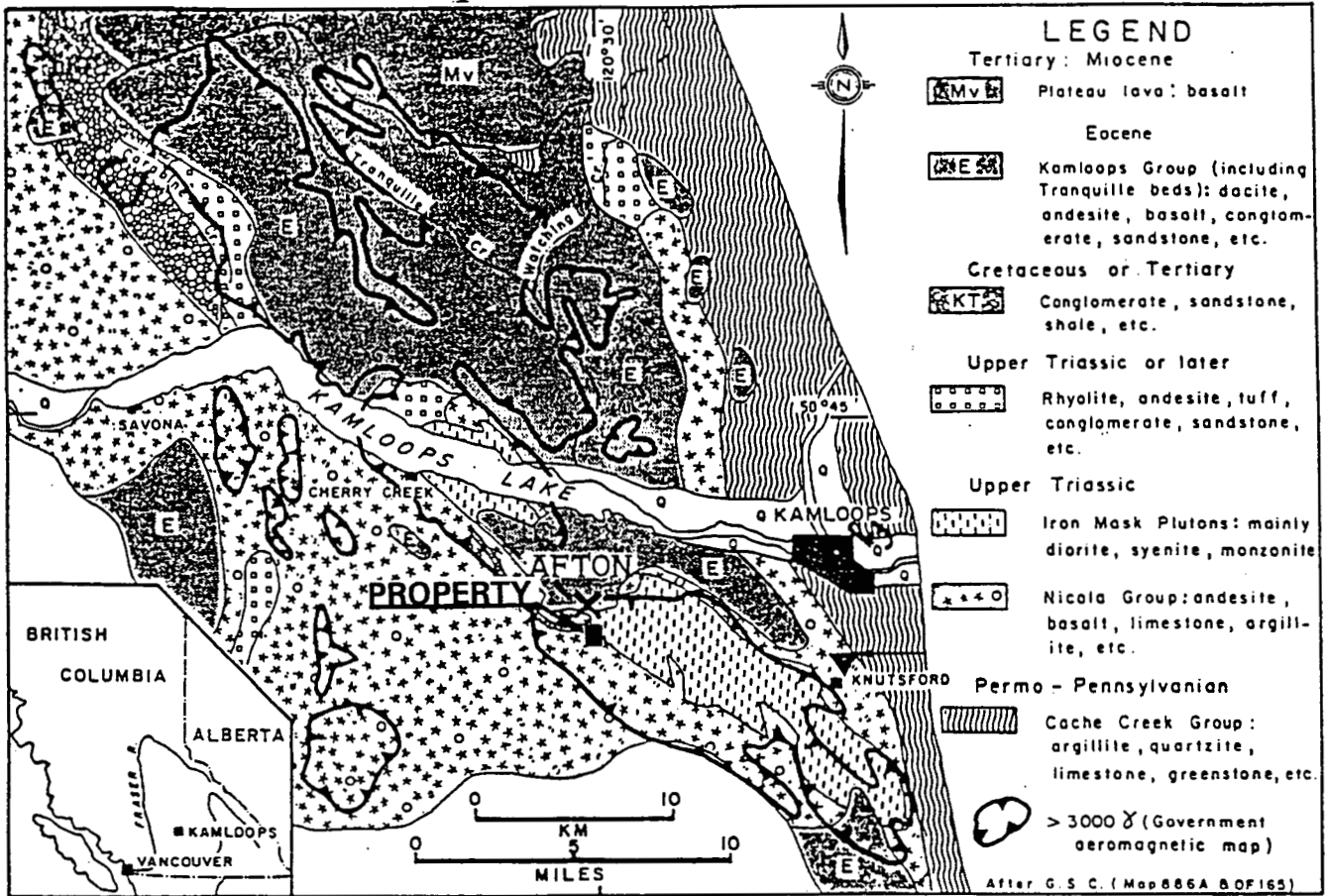
<u>NAME</u>	<u>UNITS</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE*</u>
Creek #6	1	307546	3 February 96
Creek #7	1	307547	3 February 96
Creek #8	1	307548	3 February 96
Cat #1	1	306784	11 December 95
Cat #2	1	306785	11 December 95
Cat #3	1	306786	17 December 95
Twin #1	1	316928	8 April 97
Twin #2	1	316929	8 April 97
Twin #3	1	316930	8 April 97
Twin #4	1	316931	8 April 97
Likely	16	304044	14 September 95

\* Includes assessment currently being applied.

- 4.2 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 start-up, 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.
- 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.



<b>REYNOLDS GEOLOGICAL</b>			
GREEN VALLEY MINES INC.			
<b>REGIONAL GEOLOGY</b>			
KAMLOOPS M.D.		NTS: 0921/10E	
SCALE AS SHOWN	DRAWN: P.R.	MAY '93	FIG. NO. 3

AFTER CARR & REED, 1976



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 April 10 to October 5, 1993 three percussion drill holes were completed on the Wood #5 claim and one percussion drill hole was completed on the Creek claim. All drill holes were vertical. Drill hole locations are plotted on Figure 4.

7.2 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. The four holes were logged by Mr. Rod Husband, P. Geo. Drill logs are included in appendix II.

7.3 The following table summarizes the drilling done in 1993:

<u>HOLE NO.</u>	<u>DEPTH (m)</u>
W93-1	122.0
W93-2	97.6
W93-3	51.8
CR93-1	91.5

- 7.4 Percussion drill hole W93-1 returned copper values ranging from 45 ppm to 460 ppm. Rock chips were predominately andesitic in composition with moderate chlorite and epidote alteration.
- 7.5 Percussion drill hole W93-2 returned copper values ranging from 70 ppm to 128 ppm. Rock chips were predominately andesitic in composition. Moderate epidote and chlorite were noted.
- 7.6 Percussion drill hole W93-3 was abandoned at 52 metres depth. No samples were assayed.
- 7.7 Percussion drill hole CR93-1 returned assays ranging from 82 ppm to 324 ppm. Rock chips were andesitic in composition.

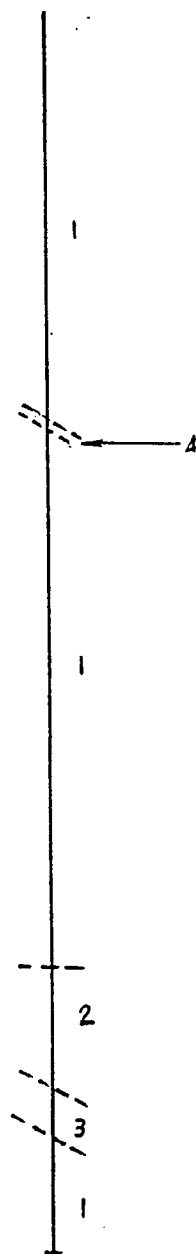
## 8. **DIAMOND DRILLING**

- 8.1 During the period September 15 to October 5, 1993 two diamond drill holes were completed on the Wood #5 claim and one drill hole was completed on the Camp claim. Drill hole locations are plotted on Figure 4.
- 8.2 Drilling was supervised by Mr. Charles Boitard, President of Green Valley Mines Inc. Diamond drill hole 93-1C was logged by Mr. Bob Friessen, P.Geo., on September 22, 1993. Diamond drill holes 93-1 and 93-2 were logged by Mr. Rod Husband, P.Geo., on November 4, 1993. Core size is NQ. The core is stored at the drill site. Drill logs are included in appendix II.
- 8.3 Diamond drill hole W93-1 was drilled vertically to a depth of 163 metres. The drill hole intersected the chill margin of an intrusive for most of its length. The chill margin consists of fine grained granodiorite with fragments of purple and green andesites. The core is highly siliceous with abundant epidote alteration. Disseminated pyrite are associated with the fragments of andesite. Disseminated native copper was seen in the core at various locations. No core was assayed. A section through diamond drill holes W93-1 and W93-2 are plotted on Figure 5.
- 8.4 Diamond drill hole W93-2 was drilled vertically to a depth of 78 metres. This hole intersected a chill margin for most of its length. The core consists of a fine grained intrusive (diorite?) consisting of hornblende and biotite in a quartz-feldspar matrix. The core contains fragments of andesite and is similar in all respects to W93-1. Disseminated native copper was noted at several locations. No core was assayed.

DDH W93-2



DDH W93-1

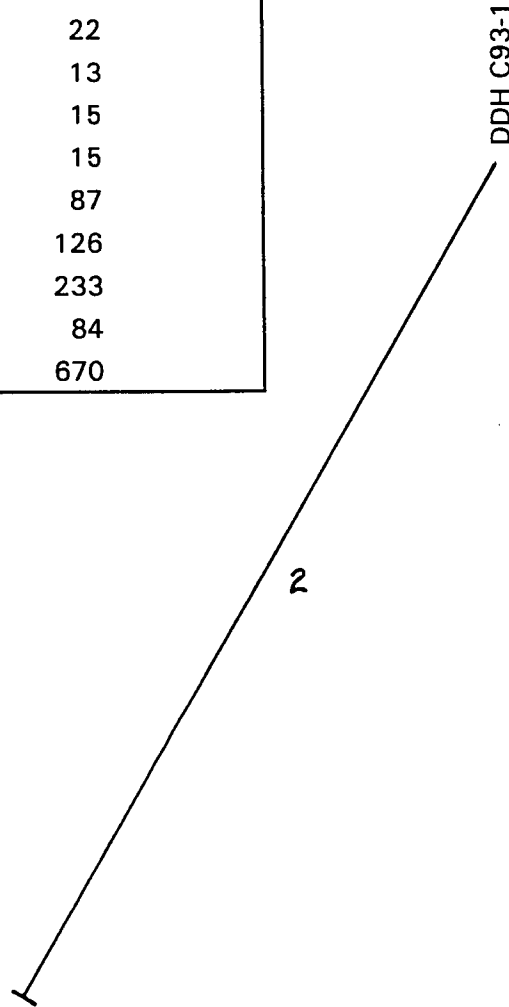


**LEGEND**

- 1 CHILL MARGIN
- 2 ANDESITE
- 3 QUARTZ PORPHYRY
- 4 MAFIC DYKE

REYNOLDS GEOLOGICAL			
GREEN VALLEY MINES INC.			
SECTION THROUGH DDH W93-1 & W93-2			
LOOKING SOUTHEAST			
0 10 20 40 M.			
SCALE 1:1,000	DRAWN: P.R.	DATE APRIL '94	FIG. NO. 5

<u>SAMPLE INTERVAL</u>		<u>ASSAY</u>
<u>FROM (m)</u>	<u>TO (m)</u>	<u>COPPER (ppm)</u>
34.15		22
38.11		13
38.41		15
38.72		15
39.94		87
46.95	47.26	126
47.26	48.48	233
50.61	50.91	84
37.29	69.15	670



**LEGEND**

- 1 CHILL MARGIN
- 2 ANDESITE
- 3 QUARTZ PORPHYRY
- 4 MAFIC DYKE

<b>REYNOLDS GEOLOGICAL</b>			
<b>GREEN VALLEY MINES INC.</b>			
SECTION THROUGH DDH C93-1			
LOOKING NORTHWEST			
SCALE 1:1,000	DRAWN: P.R.	DATE APRIL '94	FIG. NO. 6

8.5 Diamond drill hole C93-1 was drilled at an azimuth of 185° and dips -60°. The hole was drilled to a depth of 126 metres. The hole intersected chlorite altered andesites for its entire length. Trace amounts of fine grained, disseminated pyrite and chalcopyrite were seen in the core at various locations. Sulphide mineralization appears to be associated with areas of quartz-carbonate veining. Nine samples of core were assayed for gold and 30 element ICP. Copper values ranged from 13 ppm to 670 ppm. A section through diamond drill hole C93-1 is plotted on Figure 6.

## 9. CONCLUSION AND RECOMMENDATIONS

9.1 The 1993 drilling program failed to delineate any significant copper mineralization.

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 onto a single database. It is recommended that all previous work be compiled and presented in map form. This compilation should be done before any further field work is completed.

10. **REFERENCES**

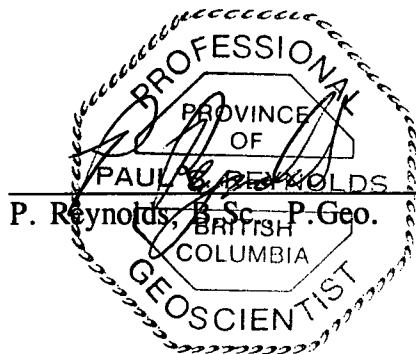
- Carr, J.M. and Reed, A.J. Afton: A Supergene Copper Deposit. Part of C.I.M., Special Volume 15: Porphyry Deposits of the Canadian Cordillera. 1976.
- Cockfield, W.E. Geology and Mineral Deposits of Nicola Map Area, British Columbia. Geological Survey of Canada, Memoir 249, 1961.
- LaRue, John Assessment Report on a Geophysical Survey Conducted on the Wood Group. British Columbia Ministry of Energy, Mines and Petroleum Resources. Assessment Report 20,116. June 6, 1990.
- Reynolds, P. Percussion Drilling Report on the Beaton Mineral Claims for Green Valley Mines Inc. September 8, 1993.
- 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 diamond and percussion drill logs for the 1993 drilling. No property examination was made.
- 5) I have no interest, directly or indirectly, in the Beaton 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 Beaton mineral claims.

Dated this 22nd day of June, 1994.



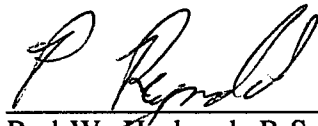
## CERTIFICATE

I, Rod W. Husband, 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 1986.
- 4) I logged diamond drill holes W93-1, W93-2 and percussion drill holes W93-1, W93-2, W93-3 and CR93-1.
- 5) I have no interest, directly or indirectly, in the Beaton property or in the securities of Green Valley Mines Inc., nor do I expect to receive any interest in the future.

Dated this 22nd day of June, 1994.

FOR

  
\_\_\_\_\_  
Rod W. Husband, B.Sc., P.Geo.




## CERTIFICATE

I, Robert G. Friesen, of the city of Kamloops, 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 1967 graduate of the University of British Columbia with a B.Sc. degree (geology major).
- 3) I have practised my profession as a mine/exploration geologist since 1967.
- 4) Diamond drill Hole #93-1 – Camp property – was logged by myself on the property on September 26, 1993 and was my only involvement with the project.
- 5) I have no interest, directly or indirectly, in the Camp property or in the securities of Green Valley Mine Incorporated/Lakewood Mining Co. Ltd.; nor do I expect to receive any interest in the future.
- 6) Permission is hereby granted to Mr. Charles Boitard and Green Valley Mine Incorporated/Lakewood Mining Co. Ltd. to use this diamond drill log of hole #93-1 in support of any filing to be submitted to the Ministry of Energy, Mines and Petroleum Resources for the purpose of filing assessment on the Wood Group of mineral claims.

Dated this 15th day of May, 1994.

  
*Robert G. Friesen*

Robert G. Friesen, B. Sc., P. Geo.

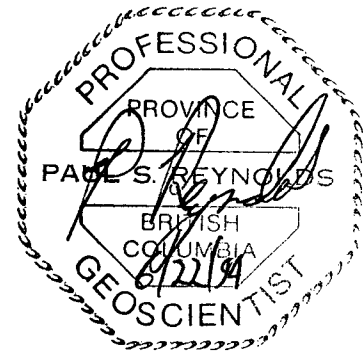
**APPENDIX I**  
**STATEMENT OF COSTS**

# STATEMENT OF COSTS

Percussion Drilling	363 metres @ \$31/metre	11,253
Diamond Drilling	358 metres @ \$65/metre	23,270
Assays		1,470
Truck Rental		2,500
Supervision		4,500
Room and Board		2,500
Drill Logging, Draughting and Reporting		4,500
Reproduction		500
Supplies		500
Work Permit		500
Mob/demob		1,500
GST		3,710

**TOTAL**

**\$56,703**



**APPENDIX II**

**DRILL LOGS**

**CONVERSION TABLE**

<u>FEET</u>	<u>METRES</u>	<u>FEET</u>	<u>METRES</u>
10	3.05	360	109.76
20	6.10	370	112.80
30	9.15	380	115.85
40	12.20	390	118.90
50	15.24	400	121.95
60	18.29	410	125.00
70	21.34	420	128.05
80	24.39	430	131.10
90	27.44	440	134.15
100	30.49	450	137.20
110	33.54	460	140.24
120	36.59	470	143.29
130	39.63	480	146.34
140	42.68	490	149.39
150	45.73	500	152.44
160	48.78	510	155.49
170	51.83	520	158.54
180	54.88	530	161.59
190	57.93	540	164.63
200	60.98	550	167.68
210	64.02	560	170.73
220	67.07	570	173.78
230	70.12	580	176.83
240	73.17	590	179.88
250	76.22	600	182.93
260	79.27	610	185.98
270	82.32	620	189.02
280	85.37	630	192.07
290	88.41	640	195.12
300	91.46	650	198.17
310	94.51	660	201.22
320	97.56	670	204.27
330	100.61	680	207.32
340	103.66	690	210.37
350	106.71	700	213.41

# DIAMOND DRILL LOG

Drill Hole No: 93-1

Property: Camp Property

Date Logged: 26th September, 1993

Collar Location:

*3716 m N  
1568 m E*

Azimuth: Approx. 185°

Dip: -60°

Total Depth: 126.2m

Owner: Green Valley Mines/  
Lakewood Mining

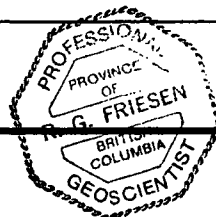
*22 Sept/93*

Core Size: NQ

Logged by: Bob Friesen

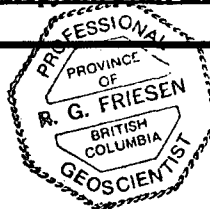
Comments: Short log description at drill site. Hole started (?); completed 26 Sept. 1993

<u>From</u>	<u>To</u>	<u>Core Description</u>	<u>Comments</u>
0	19.5m	Casing	
19.5m	19.8m	Dark green, medium-grained serpentized fragmental rock (volcanic breccia?); core broken up. No visible sulfides.	Throughout entire drill hole no sharp lithological contacts observed. With few exceptions (mainly veins) all major intervals recorded in this log are gradational and are interpreted to represent various alterations and alteration overprints.
19.8m	21.6m	Fault zone; green - red/brown gouge equivalent of above. Shear fabric 45° - 60° to core axis. No visible sulfides.	
21.6m	25.75m	Red/green (FeO stain) "mylonitic" zone with approx. 50% aligned quartz/feldspar(?) veinlets and stretched fragments. No visible sulfides. @ 23.2m tectonized fabric aligned 40° to core axis. @ 24.7m tectonized fabric aligned 40° - 50° to core axis. 23.8m - 24.7m: 70% quartz/feldspar(?) veining Hazy thin quartz cross veining throughout Parting surfaces serpentized throughout 25.45m - 25.9m: Fault zone (gouge).	
25.75m	30.5m	Dark green/grey highly serpentized medium - coarse grained fragmental (volcanic breccia?). Fragments angular to sub rounded. Locally shot through with swarms of soft white (carbonate?) veinlets to 0.3cm thick @ 40° - 50° to core axis. No visible sulfides Fault zone at 29.6m - 30.2m (gouge).	



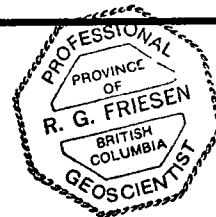
*R.G. 4/15/94*

<u>From</u>	<u>To</u>	<u>Core Description</u>	<u>Comments</u>
30.5m	33.5m	Bleached equivalent of above unit. Remnant fragmental texture remains. Bleaching coincides with appearance of lighter clay(?) minerals and <u>light green mineral*</u> . No visible sulfides. Fault zone at 33.2m - 33.5m (gouge).	According to Charlie Boitard, this is the same mineral described in previous drill holes as "mariposite". No positive identification has been made though.
33.5m	38.1m	Dark grey/green fragmental as above but with up to <u>20% green mineral*</u> generally associated with altered fragmental component. @36.6m - 38.1m: rock becomes dominantly light green color as green mineral content increases. 1" fragments at 37.2m - 37.5m are black (chloritic?). Overall, this zone is sheared and is 75% gougey material. No visible sulfides.	
38.1	39.3m	Competent light buff/brown fragmental. Bleached wall rock fragments to 4cm due to intruding soft white (carbonate?) veins. Overall, core is 80% fragments and 20% veins. Trace red oxide staining. No visible sulfides.	
39.3m	40.5m	As above but vein material is rusty (FeO or ankerite). Contacts are sheared. No visible sulfides.	
40.5m	42.4m	Greenish fragmental rock. Fragments are silicified due to veining. Core is moderately broken. No visible sulfides.	
42.4m	43.6m	As above but further crushed by faulting. Fragments not as well silicified. Minor drusy texture. No visible sulfides.	
43.6m	46.9m	As above but rock is intruded by quartz/carb(?)/feldspar(?) veining and associated rusty alteration (FeO or ankerite). No visible sulfides. @ 43.9m sharp vein contact at 45° to core axis	
46.9m	54.3m	Gray/green volcanic(?) altered by silicification and local quartz veins to 1" thick. @ 46.9m - 47.2m: <u>Quartz vein with trace fine grained disseminated chalcopyrite and bornite.</u> @ 48.2m - 48.5m: Quartz veining. Overall, foliation fabric is 50° - 60° to core axis with veins and veinlets normal to foliation. <u>Trace very fine grained disseminated chalcopyrite, pyrite associated with quartz veins.</u>	Sample taken for assay @ 46.9m - 47.2m (0.3m) Sample taken for assay @ 47.2m - 48.5m (1.3m) Sample taken for assay @ 50.6m - 50.9m (0.3m)



R. J.  
4/5/94

<u>From</u>	<u>To</u>	<u>Core Description</u>	<u>Comments</u>
54.3m	57.0m	As above but core is very rusty. Healed shear zone @ 55.5m - 55.8m with <u>very trace fine grained disseminated pyrite</u> .	
57.0m	60.45m	As above but competency increases as rusty alteration decreases down core and becomes grey/green volcanic(?) rock with laminated fabric 60° to core axis. Core is moderately hard but not silicified. @58.5m - 58.7m: Shear zone with sharp contacts at 60° - 65° to core axis and perpendicular to laminated fabric. @59.1m - 60.5m core has a mottled texture due to abundant irregular quartz veins. Also becomes increasingly more rusty. No visible sulfides.	
60.45m	64.9m	Hard (silicified) dark green/black fine grained rock (possibly a silicified, chloritic volcanic rock); moderately foliated @ 70° - 75° to core axis. Numerous elongated garnet/epidote inclusions generally < 0.6cm thick by 5 - 8cm long aligned into foliation fabric. Local intense rusting at 62.5m - 62.65m. Last 1.2m of interval becomes less silicified and more soft. No visible sulfides.	
64.9m	66.4m	Bleached equivalent of above due to increased silicification. Gradational contact. Overall a mottled texture. Trace fine grained disseminated pyrite, possibly some chalcopyrite.	
66.4m	67.7m	Soft, almost crumbly, dark green strongly chloritic rock with moderate to strong foliation 60° - 70° to core axis. Fine - medium grained.	
67.7m	74.7m	regularly bleached rock. Bleaching associated with hazy, irregular quartz veins and associated wallrock silicification. <u>Trace fine grained, disseminated chalcopyrite, bornite in veins and silicified intervals</u> @ 68m - 68.3m very vuggy interval in quartz vein. Vugs lined with fine grained drusy quartz. @ 68.6m foliation fabric is 60° - 65° to core axis.	Sample taken for assay @ 68.0m - 68.9m (0.9m)



R.G. 4/5/94



<u>From</u>	<u>To</u>	<u>Core Description</u>	<u>Comments</u>
74.7m	84.4m	Interval of decreasing bleaching by veining and silicification and increasing chloritization with minor serpentinite. Medium to coarse grained hematite blebs to 2cm dia around 81.7m in vein breccia interval. Local irregular, narrow quartz/carbonate(?) veining (best @ 81.4m - 81.7m) and abundant rusty intervals @ 78.3m - 80.8m, 82.3m - 82.9m, and 83.8m - 84.4m — not always associated with veining.	
84.4m	126.2m	Massive green chloritic volcanic rock with very trace fine grained, disseminated hematite and stretched garnets (vitreous dark red mineral) to 0.5cm dia. No visible sulfides. Quartz veins in this interval are not generally associated with significant wallrock bleaching and silicification as found in upper intervals. @89m - 89.9m: Quartz veins; minor bleaching, irregular contacts @91.1m - 91.4m: Quartz vein - no associated wallrock alteration @91.7m - 92.4m: very rusty interval; core badly fractured. @92.7m - 93.6m: Swarm of quartz veinlets with some bleaching and wallrock silicification. @107.15m - 107.9m: Irregular quartz veining; some rusty wallrock. @109.1m - 112.8m: Very rusty zone (FeO, ankerite?); at 110.6m foliation fabric 45° - 50° to core axis. @118.9m - 120.1m: Rusty zone as above. @120.7m - 121.6m: Irregular, barren quartz vein. Contacts are subparallel core axis. @124.3m - 124.6m: Rusty interval. Foliation 50° - 60° to core axis. @125.0m - 125.9m: As above.	Below 114.3m foliation becomes less distinct and rock becomes more massive chloritic.
126.2m		End of Hole	



*R. G. Friesen*  
30 Sept 1993



*Restamped*  
*R. G.*  
4 May 94



## DIAMOND DRILL RECORD WOOD

HOLE NO:

DDH 93-1

PAGE NO:

2

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE			
FROM	TO									
			60' - 2' WIDE FAULT							
			126' - LARGE FRAGMENT OF ANDESITE 5cm ABUNDANT SULPHIDES (PY) IN FRAG.							
			166' - LARGE FRAGMENT w/ ~10% PY							
176	177.5		MAFIC DYKE - V-FINE GRAINED BLACK DYKE PINK FELDSPAR ALONG FRACTURES @ 65°							
			203' - NATIVE COPPER ALONG FRACTURE							
			230' - TEXTURE BECOMES COARSER MORE INTRUSIVE IN NATURE.							
			270' - MINOR SULPHIDES - DISSEMINATED PY							
			280' - 5" (15cm) QZ FRACTURE FILL @ 30°							
			290' - VOLCANIC CLASTS AND EPIDOTE STRINGERS BECOME MORE ABUNDANT							
			322' - NATIVE COPPER - PURPLE ANDESITE CLASTS							
			414' - DISSEMINATED PY < 1% IN INTRUSIVE?							









# DIAMOND DRILL RECORD

HOLE NO:

W93-1

PAGE NO:

OF 2

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
FROM	TO										
120	140	(CONT)	MODERATE EP/CHL ALTERATION NO OBVIOUS SULPHIDES								
140	150		GREYISH GREEN COLOUR ANDESITIC COMPOSITION MODERATE EP/CHL ALTERATION ABUNDANT FINE MUSCOVITE NO OBVIOUS SULPHIDES								
150	160		AS 120'-140'								
160	280		FROM GREYISH GREEN TO DARK GREEN COLOUR ANDESITIC COMPOSITION ABUNDANT EP/CHL ALTERATION NO OBVIOUS SULPHIDES								
280	400		SALT AND PEPPER COLOUR TO GREENISH COLOR DIORITIC? COMPOSITION MORE QZ & FELDSPAR THAN ABOVE SECTIONS MODERATE EP/CHL ALTERATION INCREASING TOWARDS BOTTOM NO OBVIOUS SULPHIDES								

EOH  
P. Reynolds

FOR BOB W. HUSBAND











**APPENDIX III**  
**ASSAY SHEETS**

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

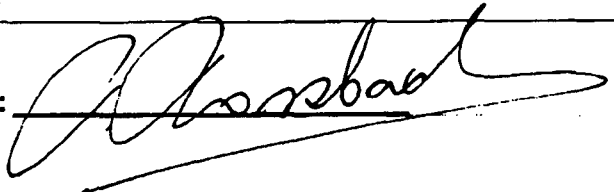
2225 Springer Ave., Burnaby,  
British Columbia, Can. V6B 3N1  
Ph:(604)299-6910 Fax:299-6262

To : GREEN VALLEY MINING LTD.  
2245 W 13TH AVE.,  
VANCOUVER, B.C.

Project: CAMP  
Type of Analysis: ICP

Certificate: 93189 C  
Invoice: 50002  
Date Entered: 93-10-08  
File Name: MEN93189.C  
Page No.: 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HC	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% SI	PPM W	PPM BE	PPM AU	PPM AA
93-1	112	1	22	29	36	0.6	502	39	534	4.42	2	5	ND	ND	496	1	7	17	73	5.01	0.03	3	437	5.33	105	0.01	0.81	0.04	0.01	7	1	M.A.	
93-1	125	2	13	6	29	0.2	89	18	903	2.56	2	5	ND	ND	397	1	1	1	46	7.66	0.01	3	56	3.96	219	0.01	0.70	0.04	0.01	1	1	5	
93-1	126	1	15	15	20	0.3	46	17	568	2.46	2	5	ND	ND	287	1	1	1	17	6.58	0.04	7	18	3.22	165	0.01	0.32	0.04	0.04	1	1	5	
93-1	127	1	15	10	33	0.2	53	24	871	3.55	2	5	ND	ND	498	1	1	1	58	8.64	0.03	7	13	4.16	902	0.01	0.36	0.06	0.01	1	1	5	
93-1	131	1	87	8	26	0.3	88	16	573	2.83	2	5	ND	ND	254	1	1	1	38	6.07	0.03	8	13	3.08	96	0.01	0.36	0.05	0.04	1	1	5	
93-1	154-155	26	126	1	36	0.2	250	25	723	2.50	2	5	ND	ND	425	1	1	1	35	6.17	0.01	2	363	5.26	138	0.01	0.84	0.04	0.01	1	1	5	
93-1	155-159	2	233	3	78	0.4	657	55	1051	4.02	2	5	ND	ND	482	1	1	5	66	5.21	0.01	3	843	6.40	158	0.01	1.63	0.05	0.01	1	1	5	
93-1	166-167	8	84	6	46	0.3	72	25	822	3.38	2	5	ND	ND	242	1	1	1	33	5.27	0.12	3	32	2.76	379	0.01	0.62	0.06	0.01	1	1	5	
93-1	1223-2268	3	670	6	67	0.1	29	28	1079	4.25	2	5	ND	ND	152	1	1	1	42	4.97	0.15	5	55	2.25	486	0.01	0.75	0.06	0.01	1	1	5	

CERTIFIED BY: 

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

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

**To :** GREEN VALLEY MINING LTD.  
2245 W 13TH AVE.,  
VANCOUVER, B.C.

**Certificate:** 93189 C  
**Invoice:** 40246  
**Date Entered:** 93-10-01  
**File Name:** MEN93189.C  
**Page No.:** 1

**Project:** CAMP  
**Type of Analysis:** Geochemical DDH 93-1-121-e  
(CAMP)

PRE FIX	SAMPLE NAME	PPB Au
A	93-1 112	NA
A	93-1 125	5
A	93-1 126	5
A	93-1 127	5
A	93-1 131	5
A	93-1 154-155	5
A	93-1 155-159	5
A	93-1 166-167	5
A	93-1 273-226.8	5

CERTIFIED BY :

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

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

To : GREEN VALLEY MINING LTD.  
2245 W 13TH AVE.,  
VANCOUVER, B.C.

Project: W  
Type of Analysis: Geochemical

Certificate: 93045 W  
Invoice: 40117  
Date Entered: 93-05-24  
File Name: MEN93045.G1  
Page No.: 1

PRE FIX	SAMPLE NAME	PPM Mo	PPM Cu	PPM As	PPM Ni
A W 93-1	30-40		62	6	
A W 93-1	40-50		45	7	
A W 93-1	50-60		63	7	
A W 93-1	60-70		60	5	
A W 93-1	70-80		56	2	
A W 93-1	80-90		112	4	
A W 93-1	90-100		98	3	
A W 93-1	100-110		104	2	
A W 93-1	110-120		82	4	
A W 93-1	120-130	2	88	4	10
A W 93-1	130-140	2	148	8	10
A W 93-1	140-150	1	460	12	16
A W 93-1	150-160	2	190	12	10
A W 93-1	160-170	2	258	10	16
A W 93-1	170-180	1	158	8	16
A W 93-1	180-190	1	100	6	18
A W 93-1	190-200	1	146	4	14
A W 93-1	200-210	1	266	11	16
A W 93-1	210-220	1	242	12	20
A W 93-1	220-230	1	180	8	16
A W 93-1	230-240	1	178	6	18
A W 93-1	240-250	1	132	8	16
A W 93-1	250-260	1	136	7	20
A W 93-1	260-270	1	172	8	20
A W 93-1	270-280	1	140	8	20
A W 93-1	280-290	1	70	4	18
A W 93-1	290-300	1	62	5	18
A W 93-1	300-310	1	172	5	16
A W 93-1	310-320	1	76	4	16
A W 93-1	320-330	1	130	6	20
A W 93-1	330-340	1	164	7	20
A W 93-1	340-350	1	142	5	18
A W 93-1	350-360	1	164	4	16
A W 93-1	360-370	1	176	6	16
A W 93-1	370-380	1	144	7	16
A W 93-1	380-390	1	150	6	18
A W 93-1	390-400	1	192	5	24

CERTIFIED BY : \_\_\_\_\_



# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

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

To : GREEN VALLEY MINING LTD  
2245 W 13TH AVE.,  
VANCOUVER, B.C.

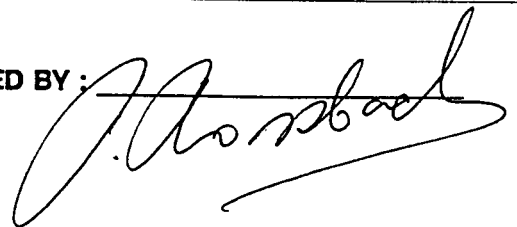
Project: WOOD  
Type of Analysis: Geochemical

Certificate: 93052 W  
Invoice: 40130  
Date Entered: 93-06-28  
File Name: MEN93052.C1  
Page No.: 1

PRE FIX	SAMPLE NAME	PPM Cu	PPM Zn
A	W93-2 80-90	70	54
A	W93-2 90-100	82	63
A	W93-2 100-110	100	74
A	W93-2 110-120	116	74
A	W93-2 120-130	106	67
A	W93-2 130-140	102	65
A	W93-2 140-150	120	68
A	W93-2 150-160	118	58
A	W93-2 160-170	104	64
A	W93-2 170-180	110	64
A	W93-2 180-190	104	66
A	W93-2 190-200	110	66
A	W93-2 200-210	102	64
A	W93-2 210-220	112	66
A	W93-2 220-230	100	64
A	W93-2 230-240	110	68
A	W93-2 240-250	128	62
A	W93-2 250-260	102	56
A	W93-2 260-270	93	58
A	W93-2 270-280	104	58
A	W93-2 280-290	122	52
A	W93-2 290-300	106	60
A	W93-2 300-310	96	68

23

CERTIFIED BY :



# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

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

To : GREEN VALLEY MINING LTD.  
2245 W 13TH AVE.,  
VANCOUVER, B.C.

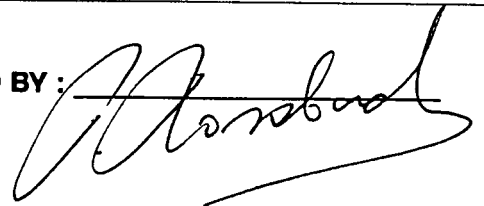
**Certificate:** 93052 C  
**Invoice:** 40112  
**Date Entered:** 93-06-28  
**File Name:** MEN93052.C2  
**Page No.:** 1

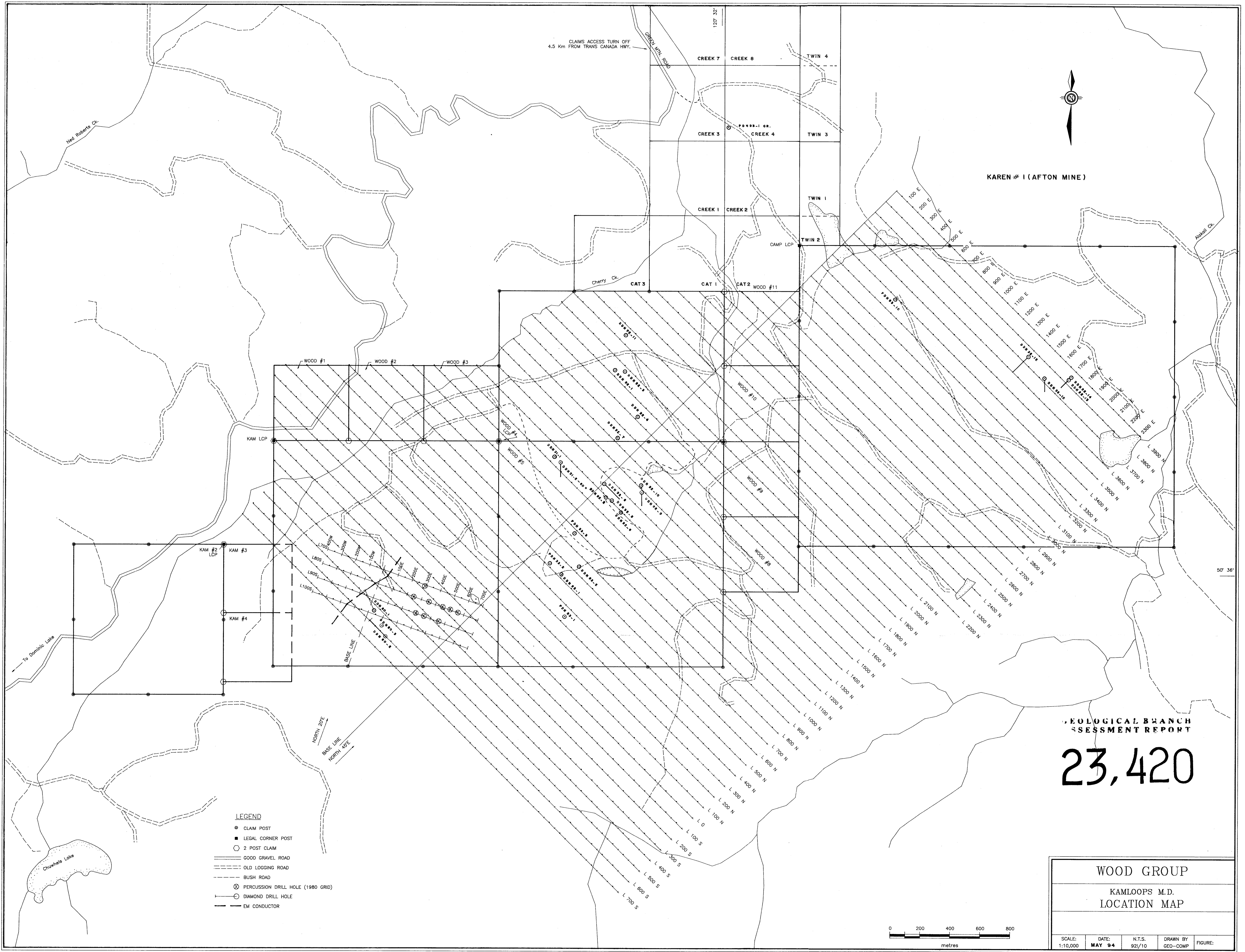
**Project:** "C" CREEK -  
**Type of Analysis:** Geochemical

PRE FIX	SAMPLE NAME	PPM Cu	PPM Ag
A	C93-1 10-20	160	0.2
A	C93-1 20-30	102	0.1
A	C93-1 30-40	126	0.2
A	C93-1 40-50	143	0.1
A	C93-1 50-60	116	0.3
A	C93-1 60-70	98	0.1
A	C93-1 70-80	104	0.2
A	C93-1 80-90	116	0.2
A	C93-1 90-100	106	0.2
A	C93-1 100-110	108	0.3
A	C93-1 110-120	82	0.1
A	C93-1 120-130	101	0.2
A	C93-1 130-140	98	0.1
A	C93-1 140-150	118	0.2
A	C93-1 150-160	98	0.1
A	C93-1 160-170	160	0.3
A	C93-1 170-180	320	0.4
A	C93-1 180-190	324	0.3
A	C93-1 190-200	206	0.2
A	C93-1 200-210	180	0.2
A	C93-1 210-220	166	0.2
A	C93-1 220-230	160	0.2
A	C93-1 230-240	158	0.3
A	C93-1 240-250	214	0.4
A	C93-1 250-260	230	0.3
A	C93-1 260-270	234	0.3
A	C93-1 270-280	200	0.2
A	C93-1 280-290	184	0.1
A	C93-1 290-300	152	0.2

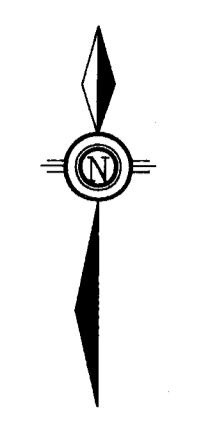
29

CERTIFIED BY :





CLAIMS ACCESS TURN OFF  
4.5 Km FROM TRANS CANADA HWY.



KAREN # 1 (AFTON MINE)

50° 36'

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**23,420**

- LEGEND**
- CLAIM POST
  - LEGAL CORNER POST
  - 2 POST CLAIM
  - GOOD GRAVEL ROAD
  - - - OLD LOGGING ROAD
  - - - BUSH ROAD
  - ⊗ PERCUSSION DRILL HOLE (1980 GRID)
  - ⊙ DIAMOND DRILL HOLE
  - EM CONDUCTOR

<b>WOOD GROUP</b>				
KAMLOOPS M.D.				
LOCATION MAP				
SCALE: 1:10,000	DATE: MAY 94	N.T.S. 92/10	DRAWN BY GEO-COMP	FIGURE:

