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GEOLOGY · GEOPHYSICS
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SUMMARY REPORT

on the

INDUCED POLARIZATION, GEOLOGICAL

and

GEOCHEMICAL SURVEYS

CLINTON CLAIMS

Lat. 51° 09' Long. 120° 54'

NTS 92P/2W

for

LAKEWOOD MINING COMPANY LIMITED
and
Green Valley Mine Inc.

by

Donald G. Allen, P.Eng. (B.C.)
and
Douglas R. MacQuarrie, B.Sc.

August 31, 1982. North Vancouver, B.C.

REFERENCES

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TABLE OF CONTENTS

ILLUSTRATIONS

APPENDIX

Analytical Procedure and Results

SUMMARY

Lakewood Mining Co. Ltd., and Green Valley Mine Inc., hold an option on the Menika Mining Ltd. (NPL), Vidette Lake gold property. The Clinton 1, 2, and 3 claims are situated north of the west end of Kamloops Lake, a distance of 48 km. via Highway 1 and the Deadman River road from Savona, British Columbia.

The old Vidette Lake Mine is located 1400 metres northwest of the area covered by this report. Between the years 1930 and 1940 some 29,869 oz. Au., 46,573 oz. Ag., and 96,619 lbs.Cu were produced from 54,199 tons of ore.

This report summarizes the results of the field program carried out by Mr. C. Boitard and associates, and A & M Exploration Ltd. during the period May 1 to August 31, 1982. This program consisted of geological mapping, geochemical sampling, induced polarization surveying, and minor trenching. A total of 475 soil and rock samples were obtained, 2.0 km. of line were cut, and a further 3.5 km. of grid line were flagged. Induced polarization surveys totalled 6.0 km., and four test pits were dug.

CONCLUSION

Results of work carried out to date indicate good potential for two types of deposits exist on the Clinton claims:

1) gold bearing quartz veins of the Vidette Mine type or
2) porphyry type low-grade, large-tonnage Au deposit.

Induced polarization results and the distribution of gold and copper values in soil, suggest mineralized structures trending northwesterly and fault zones trending northeasterly. These trends parallel and are on strike with some of the veins and faults in the Vidette Mine. It is possible the the Clinton claims cover a faulted extension of mineralization from the Vidette Mine.

Limited rock sampling revealed anomalous gold values (up to 480 ppb), in fractured, pyritized, and propylitized volcanic rocks. These rocks underlie large sections of the claim group and are associated with numerous structural features. Along with widespread anomalous gold values in soils, this indicates a potential for large tonnage low-grade copper-gold deposits.

To fully evaluate these possibilities, further rock and soil sampling, geological mapping and drilling are warranted.

RECOMMENDATION

A three stage exploration program is recommended to evaluate the known areas of anomalous geochemistry and geophysics. These stages are outlined below.

STAGE I is designed to carry out surface exploration including 1) geochemical sampling and geophysical surveys to fully outline the anomalous areas; 2) detailed geological mapping and prospecting to map pyrite, alteration and structure,

and to locate any quartz veins, and 3) road construction and trenching on known and other generated targets. The estimated cost of Stage I is $28,000.

STAGE II will evaluate the known and generated targets by drilling. A total of 2300 metres (7500 feet), of percussion drilling at a mean spacing of 100 metres is recommended as the most cost effective method of outlining a potential large-tonnage low-grade gold deposit. In addition, moderately dipping gold-quartz veins of the Vidette type could be intersected. The estimated cost of Stage II is $82,000.

STAGE III would be contingent on results of Stages I and II and would consist of follow-up diamond drilling. The estimated cost of 600 metres (2000 feet), of diamond drilling is $70,000.

The total estimated cost of Stages I to III is $180,000.

Donald G. Allen

INTRODUCTION

Lakewood Mining Co. Ltd. and Green Valley Mine Inc. hold an option on the Vidette Lake gold property of Menika Mining Ltd. (NPL). The Clinton claims are comprised of 12 contiguous units and are located in the Clinton Mining Division.

The claims are situated 1.4 km. southeast of the old Vidette Lake gold mine. This mine produced approximately 30,000 ounces of gold from 54,000 tons of ore during the period 1930 to 1940. It is thought that 12,000 tons of undeveloped ore remains in the mine. At present no underground development is in progress by the current owners. Development work has also been recorded on the Hamilton Creek and the Savona Mine, located 1 km. northwest of the Vidette Mine. Numerous other mineral showings are noted in the vicinity of the Clinton claims.

The purpose of this report is to evaluate the economic potential of the Clinton property and to propose a further program of exploration and development. This report is based on soil samples obtained by Mr. C.Boitard and associates, on survey work performed by A & M Exploration Ltd., and on geological mapping and sampling by D.G. Allen and D.R. MacQuarrie.

LOCATION AND ACCESS

The Clinton claims are located in south-central British Columbia, 65 km. northwest of Kamloops, and 48 km. north of Savona (see figure 1). The claims lie on the west side of

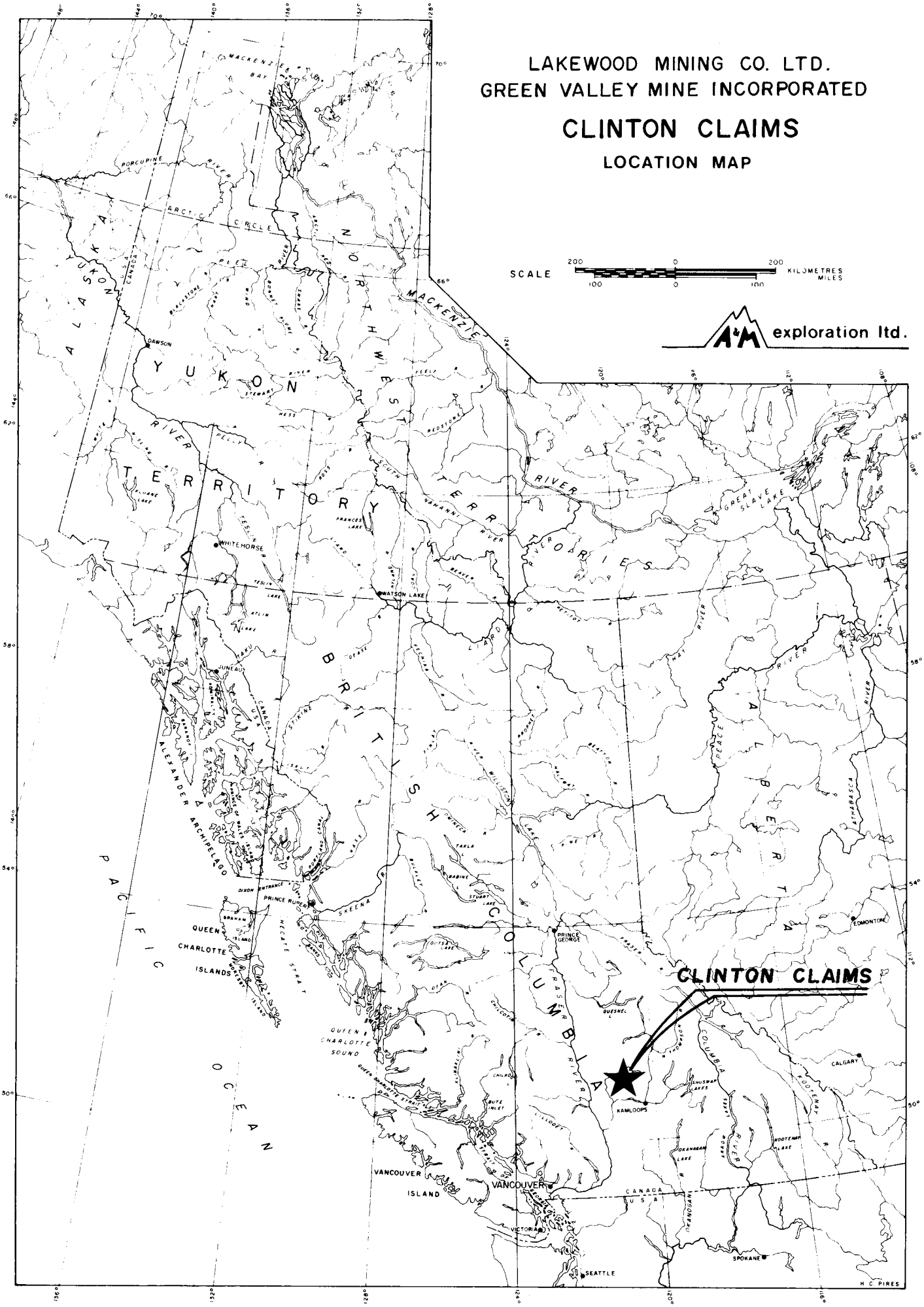
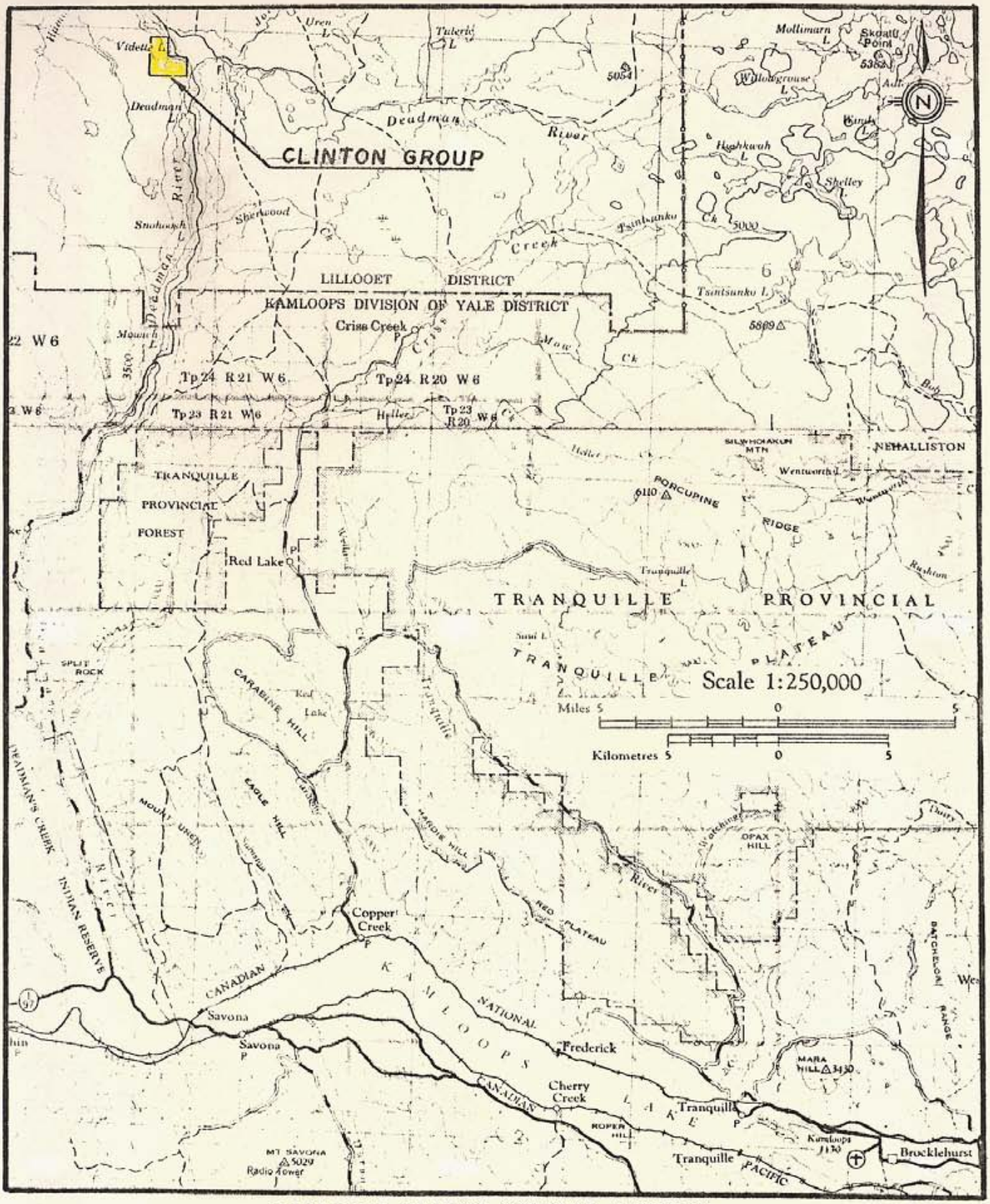

LAKEWOOD MINING CO. LTD.
GREEN VALLEY MINE INCORPORATED
CLINTON CLAIMS
LOCATION MAP
SCALE
200 0 200 KILOMETRES
100 0 100 MILES
A&M exploration ltd.
CLINTON CLAIMS
YUKON TERRITORY
NORTHWEST TERRITORIES
BRITISH COLUMBIA
ALBERTA
ALASKA
PACIFIC OCEAN
DAWSON
WHITEHORSE
WATSON LAKE
JUNEAU
PRINCE RUPERT
QUEEN CHARLOTTE ISLANDS
PRINCE GEORGE
KAMLOOPS
VANCOUVER
VANCOUVER ISLAND
VICTORIA
SEATTLE
SPOKANE
CALGARY
EDMONTON
ARCTIC CIRCLE
MACKENZIE BAY
MACKENZIE RIVER
PORCUPINE RIVER
YUKON RIVER
STEWART RIVER
PELLY RIVER
LIARD RIVER
PEACE RIVER
FRASER RIVER
COLUMBIA RIVER
ALEXANDER ARCHIPELAGO
QUEEN CHARLOTTE SOUND
GREAT SLAVE LAKE
CANADA
USA
H.C. PIRES

FIGURE – 1



LAKEWOOD MINING COMPANY LIMITED
GREEN VALLEY MINE INC.

92P/2W

ACCESS MAP

CLINTON CLAIMS - Clinton Mining Division, B.C.

Vidette Lake Area

Donald S. Allen

A&M exploration ltd.

Figure 2

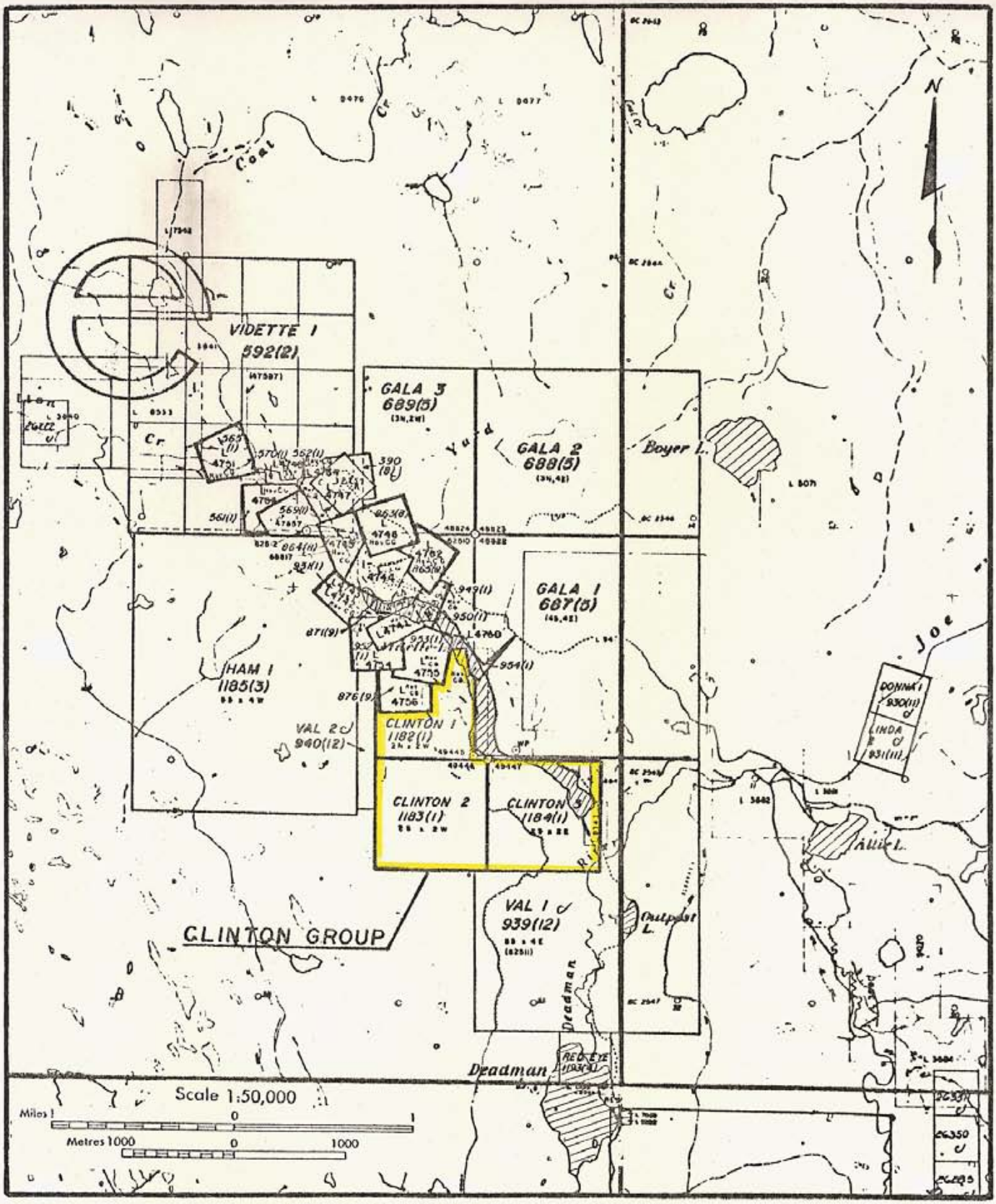
Vidette Lake between the elevation of 2800 and 3500 feet, covering portions of the steep northwesterly striking valley bottom and the high, gently rolling plateau. Access to within 100 meters of the legal corner post is provided by the Deadman River road (figure 2). The road is very winding and narrow in spots but would be a suitable haul road for a mining operation. In order to gain road access to the main areas of interest, 1 km. of road construction and a bridge will be required to cross the Deadman River at the south end of Vidette Lake.

Electrical power is presently available some 20 km. south along the main road; B.C. Hydro plans to extend the power line to the north and a right of way is presently under survey.

PROPERTY OWNERSHIP

The property was acquired by staking, by Mr. C. Boitard of Vancouver, on January 6, 1982. The claims comprise the Clinton 1,2 and 3, record numbers 1182 to 1184(1). Each claim is 2 x 2 units, for a total of 12 contiguous units (figure 3). B.C. Department of Mines files indicate that the claims are owned by Mr. C. Boitard. The group is under option to Menika Mining Ltd. (NPL), a company controlled by Mr. C. Boitard. Menika has subsequently optioned the claims to Lakewood Mining Co. Ltd. and to Green Valley Mine Inc. (based on information supplied by Mr. C. Boitard).

The legal corner post for the claims was observed in the field and is located as indicated on figure 3.



LAKEWOOD MINING COMPANY LIMITED
GREEN VALLEY MINE INC.

92P/2W

CLAIM MAP

CLINTON CLAIMS - Clinton Mining Division, B.C.

Vidette Lake Area

Donald S. Allen
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Figure 3

HISTORY

Gold occurrences were first discovered in the Vidette Lake area in the years prior to 1931. Preliminary underground development during 1931 and 1932 was commenced by D.B. Sterett and associates. In 1933 the property was optioned to Vidette Lake Gold Mines Ltd. and developed by numerous shafts and adits on both sides of Vidette Lake. Most of the ore was produced from the Tenford,Broken Ridge, and Bluff veins. A lack of development capital forced the closing of the mine in 1940. Total production of 54,199 tons of ore yielded:

Gold	29,869 ounces
Silver	46,573 ounces
Copper	96,619 pounds
Lead	356 pounds

Some 12,000 tons of undeveloped ore grading 0.61 oz./ton is estimated to remain in the underground workings (Sterrett 1939, Mitchell 1973).

Savona Gold Mines Ltd., and Hamilton Creek Mines Ltd. old workings are located approximately 1 km. northwest of the Vidette Lake Mine (see figure 4). These mines were worked in the early to middle 1930's. Development consisted of 4 adits and several hundred feet of drifts on the Sylvanite, Yarvi, Argentite, and Jarvinen veins. There is no record of any production from these mines, though some high gold assays are reported in the literature. Cockfield (1935), speculated that these veins may on further work prove to be extensions of the Tenford vein from the Vidette Mine area.

GEOLOGY

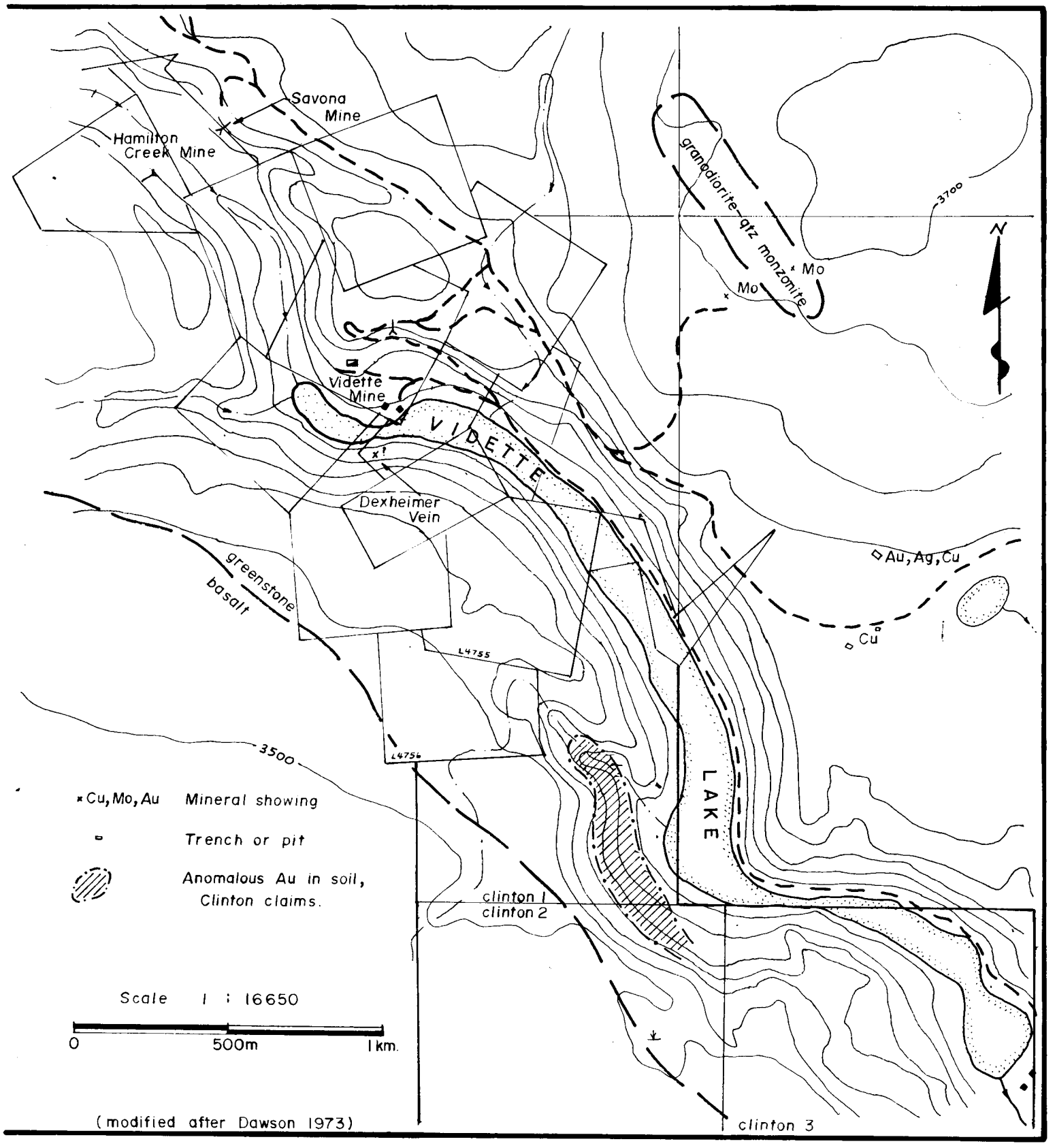
Regional Geology

The geology of the Bonaparte Lake area has been described by Campbell and Tipper (1971). The geology of Vidette Mine and the immediate vicinity has been described by Cockfield (1935), and Stevenson (1936).

The Vidette Lake area is underlain mainly by plateau basalts of Miocene and Pliocene age. The Vidette Lake - Deadman River valley has cut through the basalts to expose Upper Triassic Nicola group volcanic rocks and related intrusions (figure 4).

Intrusive rocks consist of dikes and small plugs of feldspar porphyry varying from granitic to monzonitic in composition.

Gold mineralization in the Vidette Lake area, according to Cockfield (1935), and Stevenson (1936), consists of narrow, but fairly continuous quartz veins which occur in greenstone of the Nicola group. The veins strike northwesterly and dip 45 to 70 degrees northeast. They are fissure fillings that may or may not be accompanied by wall rock shearing. Mineralization consists of quartz and pyrite with chalcopyrite, and local tellurides. High grade gold values occur with chalcopyrite in shoots that average 36 cm. in width. Post-mineral faults generally strike east-west, northwest and northeasterly.



LAKEWOOD MINING CO. LTD.
GREEN VALLEY MINE INCORPORATED

VIDETTE LAKE - GEOLOGY MAP

CLINTON CLAIMS

Donald G. Allen

Figure 4

Property Geology

The Clinton claims are underlain by Nicola group volcanic rocks, which consist of grey to green augite andesite (see figures 4 and 4a). The rock typically contains 0.1 to 3 mm. phenocrysts of augite in a medium grained grey groundmass. The rock is homogeneous with minor textural variations. Epidote occurs as scattered clots and fracture coatings. Chlorite occurs locally as a pervasive alteration. Locally the rock is weakly foliated, apparently as a result of shearing. In places hornblende is the dominant mafic mineral in what appears to be hornblende-andesite dikes.

Hornblende monzonite - quartz monzonite has been noted in float and sub-outcrops in two areas of the grid. The rock is medium grained and contains abundant hornblende or chloritized hornblende.

Plateau basalts lie along the west side of the claims, 500 to 1200 metres from Vidette Lake. Overburden is reported to exceed 10 metres in the area of the plateau (Dawson 1973).

Structural features have not been mapped in detail. However, fracture-controlled pyrite and local shearing have been noted in the andesite. The northwest trending valley, occupied by Vidette Lake, is undoubtedly a major structure which would parallel vein structures reported in the Vidette Mine. The small gully on the Clinton claims (figures 4a - 9) apparently is a fault, as some geochemical and geophysical features are terminated or offset near it. A strong northeasterly trending feature is apparent on air photos, in the north part of the grid.

Mineralization And Alteration

Pyrite is widespread on the Clinton claims, occurring in variable amounts (up to 7% of the rock), in the andesite and quartz monzonite. It occurs both as disseminations and fracture fillings.

Chalcopyrite and malachite occur in minor amounts as fracture coatings.

Quartz veins were noted in several areas of the grid. They are best developed on line 5W at 3+10N, where several irregular veins up to 20 cm. wide occur over a width of 2 m. They are steeply dipping, trend northwesterly and contain minor amounts of pyrite. This vein may correspond with the Stevenette vein described by Cockfield (1935) and by (Mitchell, after Ashton). Elsewhere, the veins are narrow (0.1 - 5 cm) sparse and barren.

In at least one outcrop on L1W at 4+40S, the andesite was noted to be pervasively silicified.

INDUCED POLARIZATION SURVEY

Instrumentation And Survey Procedure

The induced polarization equipment used was of the frequency domain type, manufactured by Sabre Electronic Instruments Ltd. of Burnaby, B.C. The system has a maximum power output of 500 watts from a 12 volt lead-acid battery supply. Frequencies used were 0.3 and 10 c.p.s.

The survey was carried out during the period June 30 to July 2 and from August 24 to August 28, 1982, over the previously located soil geochem grid. Sections of L1E,0,1,2, and 3W had been cut to expedite the survey work.

The dipole-dipole array, with a=20 metres and n=1 , was selected for the survey. Stations were observed every 20 m on lines spaced 50 metres apart. Sections of L1E and L3W were re-run with an n spacing of 3. The Induced Polarization Map and the Apparent Resistivity map, figures 5 and 6, are located at the back of the report.

Survey Results

Numerous areas of anomalous I.P. effect have been delineated by the survey. Values range from 0% Frequency Effect (%FE) to 15%FE. In general the northeast and southwest corners of the grid are underlain by low (less than 2%FE) I.P. effect with the largest anomaly occupying the central part of the grid in the east, and the central to north-central section in the west. Heavy pyritization (to 7%) was noted in sub-outcrops in the vicinity of L5W and L6W at stations 0+60 to 0+80N, primarily occurring as fracture filling in augite andesite. This would seem to correspond with the anomaly located in this area, as a 10%FE anomaly should correlate with 5% pyrite in the underlying rock.

Values greater than 3.0%FE appear to correlate with areas of pyrite mineralization. Northwest, northeast, and east-west striking features are apparent on both the I.P. Map and the Apparent Resistivity Map. It is felt that I.P. effects

of greater than 3%FE, in the vicinity of these structural features and areas of anomalous soil geochemistry, will be the main areas of economic interest.

The limited n=3 I.P. survey data suggests that several anomalies are continuous with depth, to at least 30 metres below the surface. The n=3 resistivity data generally indicates an increase in resistivity over the n=1 data. This infers that overburden is generally thin throughout the grid area, probably less than 5 metres. A possible exception is in the area of L4,5, and 6W up on the plateau, south of the baseline.

For a detailed discussion of the I.P. and Resistivity anomalies see the section entitled, Discussion of Results.

GEOCHEMISTRY

Soil sampling was commenced by Mr. C. Boitard and associates in early May of 1982. Samples were collected at 10 metre intervals from the B soil horizon, wherever possible. Initially, test lines L1E and L0 were sampled and the soils submitted to Vangeochem Lab. Ltd. of North Vancouver, B.C. Following positive results the lines were extended and the grid expanded to L5W. Lines 4 and 5W were sampled at 20 metre intervals. D.R. MacQuarrie sampled L 6 W and D.G. Allen obtained samples (2 VA series) to check and confirm results of previous work.

run for Mo, Ag, Pb, Zn, and Bi. The gold and copper results are plotted on figures 7 and 8 respectively. The geochemical procedure and data is found in Appendix 1.

A total of 475 soil and 13 rock samples were analyzed. Inspection of the data indicates that Au values greater than 50 ppb. and Cu greater than 200 ppm. are anomalous.

In general anomalous gold (and silver) values occur coincident with anomalous copper geochemistry. The other elements do not appear to correlate with the gold or copper geochemistry.

The zone of high gold and copper values strikes north-northwesterly, is 100 - 150 metres wide and extends from 2+00N on L6W to 5+00S on L0, (700 metres). The zone is open to the southeast, and appears to be defined in the northwest part of the grid. A very strong Cu anomaly (values to 1730 ppm) striking at 259^{o} from 0+10N on L1E to 0+40S on L3W, transects the above, broad geochem feature.

Overburden conditions in the grid area are believed to be shallow therefore, the soil geochemistry should reflect bedrock mineralization. Deeper overburden, and hence masking of bedrock mineralization, may occur in the plateau area south of the baseline.

Dawson (1973), correlated high soil copper values with proximity to the main Vidette Lake Valley, and with decreasing overburden thickness. High copper values (greater than 100 ppm) also correlate with the Vidette and Savona Mines area. He also shows that Au (to 250 ppb), and Cu

(to 145 ppm) are associated with a Au, Ag, Cu occurrence shown on figure 4. A sample from this showing, selected by Dawson, assayed 0.14 oz./ton Au, 0.26 oz./ton Ag, and 0.35% Cu.

Gold values in soils on the Clinton claims (to 600 ppb) and copper (to 1730 ppm), must be considered excellent exploration targets.

Rock samples (sample series 82VAT), obtained by D.G. Allen from the vicinity of copper soil geochem anomalies, have anomalously high Au (from 60 - 480 ppb), and Cu (from 60 - 620 ppm). Trenching and detailed sampling and mapping of the anomalous geochem area, will determine whether the high rock Au values are indicating a low-grade high-tonnage porphyry type mineral deposit, or instead are signifying the presence of a nearby gold-quartz vein.

DISCUSSION OF RESULTS

The following is a detailed discussion of all the anomalous data presented in this report. The anomalies are arranged in order of decreasing I.P. response.

The strongest zone (I.P. to 15%FE), is located at the baseline from L4W to L6W. It strikes northwesterly, is over 200 metres in length and corresponds with a local resistivity low (see figures 4a,5, 6, 7, 8, and 9). Outcrop in the central area of the anomaly is sparse; however, the flanks appear to be underlain by pyritized augite andesite with

coarse grained pyrite (to 7%), occurring as fracture fillings and disseminations. Minor malachite staining was observed in sub-outcrop to the northwest. The resistivity low may be caused by the increased pyrite content of the fractures. It is also possible that it is reflecting fault zones in the greenstone. These faults have been interpreted primarily on the basis of the resistivity, geological and geochemical data, and are shown on figure 6.

Weak copper and gold values were obtained in the vicinity of the above I.P. anomaly. Thick overburden may mask any geochemical response. However, overburden is not expected to be more than 10 metres in thickness, (n=1 and n=3 data suggests that bedrock occurs at relatively shallow depths). Trenching of this anomaly, and its northwesterly striking flanks that cross L4W at 1+60S, 1+00S, and 0+50N, is recommended.

The second I.P. anomaly extends from 0+40S on L1E to 2+10N on L6W. It is bounded by the 6%FE contour on the southwest and by the 4%FE contour on the northeast. Peak values range from 8.5%FE to 5%FE. The anomaly is very linear in outline, striking 305° (parallel to the strike of veins in the Vidette Mine). The zone is coincident with highly anomalous Au (to 600 ppb), and Cu (to 1730 ppm), soil geochemistry and overlies high resistivity values. The anomaly amplitude increases to 9.0%FE in the southeast, with increased depth penetration. Mapped outcrop, and float over the anomaly area, contain varying amounts of quartz, pyrite, epidote, chlorite, and minor chalcopyrite, occurring in greenstone, andesite and

augite andesite. This entire zone is considered an excellent exploration target. Trenching in the area between L0 and L4W would be of primary importance.

The above zone is interpreted to be offset to the southwest in the vicinity of the baseline. Trenching, is therefore also recommended in the high resistivity and anomalous geochem area (Au to 170 ppb, Cu to 720 ppm), situated between L1E and L2W from 0+30 to 1+30S.

A further offset of this anomaly, along the fault shown on figure 6, may have occurred. The area of interest is from 3+00S to 1+40S on L0 to L3W. It is underlain by 3.0 to 4.0%FE, highly anomalous Au (to 500 ppb), and Cu (to 920 ppm), geochemistry, and is in the vicinity of northeasterly and northwesterly striking features. This zone is open to the southeast, and may in fact extend to the northwest from L2W to the area of the "I.P. ridge" striking northwesterly from 1+30S on L3W to 0+30S on L6W. Detailed prospecting of this large zone followed by trenching is required.

The last I.P. zone is located on L1W from 3+90 to 4+40S. Peak value is 4.8%FE. Two northwesterly trending resistivity high features are coincident with a strong Au (to 450 ppb), and Cu (to 1400 ppm), geochem area. Suboutcrop in this area is silicified, pyritized (and $\pm$ epidote), andesite (?). Minor chalcopyrite was also observed. The area of interest is best outlined by the 50 ppb Au geochem contour. This zone dies out to the northwest, but is open to the southeast. Further geochemical sampling, I.P. surveying and prospecting, followed by trenching is necessary.

The strong linear feature shown on the Copper Geochem Map (figure 8), is also considered to be a prime exploration target. Copper values (greater than 500 ppm), occur over 5 lines stretching from 0+10N on L1E to 0+40S on L3W, a total of 220 metres. The zone strikes 259^{o}, overlies an I.P. and resistivity gradient area (4 - 6%FE, 350 - 1400 ohm m), and is parallel to an interpreted fault. This anomaly has a different "character" than the other anomalies and is interpreted to represent a crosscutting, mineralized shear zone. Gold soil values (to 200 ppb), correlate with this anomaly southwest of L1W. The data also suggests that the zone of interest may extend to approximately L5W, station 1+00S. Detailed geological mapping, prospecting and trenching are essential to ascertain the economic potential of this zone.

Several lower order anomalies in the vicinity of L3W station 1+60N, and on L0 from 1+80 to 3+00N, will also require further attention.

In summary, at least eight areas underlying the present grid on the Clinton claims will require further detailed exploration work. These zones all exhibit features that indicate the presence of gold-copper mineralization, either of the Vidette Mine type or of a porphyry type.

The features are :

1) strong, widespread Au geochemistry in soil (to 600 ppb), and rock (to 480 ppb),

2) strong, widespread Cu geochemistry in soil (to 1730 ppm), and rock (to 620 ppm),

3) coincident induced polarization anomalies, from 3.0 to 15% frequency effect,

4) favourable geology, including Nicola andesites, greenstones and augite andesites, intrusive dikes, pyrite, propylitic alteration, silicification and quartz veining,

5) strong structural features striking northwesterly, east-west, and northeasterly.

The completion of Stages I through III, as recommended in this report, will determine the economic potential of the Clinton claims.

respectfully submitted,

Donald G. Allen, P.Eng.(B.C.)

Douglas R. MacQuarrie, B.Sc.

BUDGET

Stage I

Geochemical sampling	200 soil samples $5.00	$ 1,000.00
	100 rock samples $6.50	650.00
Line picketing and I.P. survey		5,000.00
Geological mapping	½ month @ $6,000/mo.	3,000.00
Road & bridge construction		6,000.00
Trenching	40 hours @ $90/hr.	3,600.00
Room and board	80 man days @ $35/man	2,800.00
Mobilization		2,000.00
Travel, shipping		1,000.00
Field supplies		500.00
		$25,550.00
	Contingencies @ 10%	2,450.00
		$28,000.00

Stage II

Percussion drilling	2,300 m @ $26/m	$60,000.00
Supervision		5,000.00
Assay	750 samples @ $6.50/sample	4,875.00
Room & board	1 man month @ $35/day	1,050.00
Travel, shipping		2,000.00
Report preparation and draughting		2,000.00
		$74,925.00
	Contingencies @ 10%	7,075.00
		$82,000.00

Stage III

Provision for diamond drilling if and as warranted by results of Stage I and Stage II.

Diamond drilling	200 ft. @ $35/ft.	$70,000.00

Grand Total Stages I to III $180,000.00

CERTIFICATE

I, Donald G. Allen certify that:

1. I am a Consulting Geological Engineer, resident at 4570 Hoskins Road, North Vancouver, B.C.

2. I am a graduate of the University of British Columbia with degrees in Geological Engineering. (B.A.Sc., 1964; M.A.Sc., 1966)

3. I have been practising my profession since 1964.

4. I am a member in good standing of the Association of Professional Engineers of British Columbia.

5. The geological data presented in this report is based on my examination of the claim on July 31, 1982, on geochemical sampling by Mr. C. Boitard and associates and by A & M Exploration Ltd., on geological mapping by D.R. MacQuarrie, and on the various private and government reports presented in the references.

6. I hold no interest, nor do I expect to receive any, in Lakewood Mining Co. Ltd., Green Valley Mine Inc., or Menika Mining Ltd.

7. I consent to the use of this report in a Statement of Material Facts or in a Prospectus by Green Valley Mine Inc., in connection with the raising of funds for the project covered by this report.

North Vancouver, B.C.
August 31, 1982

Donald G. Allen
P. Eng. (B.C.)

Donald G. Allen

CERTIFICATE

I, Douglas R. MacQuarrie, of the City of Surrey in the Province of British Columbia, do hereby certify that:

1. I am a Consulting Geophysicist of A & M Exploration Ltd., with offices at 4570 Hoskins Road, North Vancouver, B.C.

2. I am a graduate of the University of British Columbia with a degree in Geology and Geophysics. (B.Sc., 1975)

3. I have been practising my profession since 1975 and have been active in the mining industry since 1971.

4. I am an active member of the Canadian Institute of Mining and Metallurgy and a member of the British Columbia Geophysical Society.

5. This report is based on geophysical data obtained under my direct supervision during the period June 30 to July 2 and August 24 to August 28, 1982.

6. I hold no interest, nor do I expect to receive any, in Lakewood Mining Co. Ltd., Green Valley Mine Inc., or Menika Mining Ltd.

7. I consent to the use of this report in a Statement of Material Facts or in a Prospectus by Green Valley Mine Inc., in connection with the raising of funds for the project covered by this report.

D R MacQuarrie

North Vancouver, B.C.
August 31, 1982

Douglas R. MacQuarrie
B.Sc.

AFFIDAVIT OF EXPENSES

This will certify that Induced Polarization, Geological mapping and Geochemical surveying, linecutting and trenching were carried out from May 1 to Aug 31, 1982 on the CLINTON claims, Clinton Mining Division, British Columbia, to the value of the following:

Line Cutting	
A total of 2 km, total cost	$2,275.00
Soil samples , 445 samples @ $2.50/sample	1,112.50
Geochemical analysis, 475 samples for Au & Cu	2,697.51
Trenching	
4 pits, 12 man days @ $125	1,500.00
Equipment rental	200.00
Field supplies	654.75
Mob-demob from Kamloops	275.00
Geological Mapping	
D.G. Allen 1 day @ $350.	350.00
Mob-demob from Vancouver	230.00
Assays	77.00
I.P. Survey	
Field survey 7.25 days @ $900/day	6,525.00
Mob-demob	835.00
Report	
Geophysicist D. MacQuarrie 3 days @ $350/day	1,050.00
Geologist D.G. Allen 1 day @ $350/day	350.00
Draughting 48 hrs @ $15/hr	720.00
Typing, printing, zerox and compilation.	418.00
Grand total	$19,269.76

Donald G. Allen

APPENDIX

Analytical Procedure and Results

Rossbacher Laboratory Ltd.
GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B.C.
CANADA
TELEPHONE: 299-6910
AREA CODE: 604

Jan. 1980.

ANALYTICAL METHODS CURRENTLY IN USE AT ROSSBACHER LABORATORY LTD.

A. SAMPLE PREPARATION.

1. Geochem. Soil and Silt: Samples are dried, and sifted to minus ~~100~~ 80 Mesh, through stainless steel, or nylon screens.

2. Geochem. Rock : Samples are dried, crushed to minus $\frac{1}{4}$ inch, split, and pulverized to minus 100 mesh.

B. METHOD OF ANALYSIS.

1. Multi element. (Mo, Cu, Ni, Co, Mn, Fe, Ag, Zn, Pb.): 0.5 Gram sample is digested for four hours with a 15:85 mixture of Nitric-Perchloric acid.
The resulting extract is analyzed by Atomic Absorption spectroscopy, using Background Correction where appropriate.

2. Tungsten: 1.0 Gram sample is sintered with a carbonate flux, and dissolved.
The resulting extract is analyzed colorimetrically, after reduction with Stannous Chloride, by use of Potassium Thiocyanate.

3. Tin: 0.5 Gram sample is sublimated by fusion with Ammonium Iodide, and dissolved.
The resulting solution is analyzed colorimetrically by use of Gallein.

4. Fluorine: 0.5 Gram sample is fused with a Carbonate Flux, and dissolved.
The resulting solution is analyzed for Fluorine by use of an Ion Selective Electrode.

5. Gold: 10.0 Gram sample is dissolved in Aqua Regia.
The resulting solution is subjected to a Methylisobutyl Ketone extraction, which extract is analyzed for Gold using Atomic Absorption Spectroscopy.

6. pH: An aqueous suspension of soil, or silt is prepared, and its pH is measured by use of a pH meter.

7. Arsenic: 0.25 Gram sample is digested with Nitric-Percloric acid.
Arsenic from the solution is converted to arsine, which in turn reacts with silver D.D.C. The resulting solution is analyzed by colorimetry.

8. Antimony: 0.50 Gram sample is fused with Ammonium Chloride and dissoved.
The resulting solution is analyzed colorimetrically by use of brilliant green.

9. Barium: 0.50 Gram sample is repeatedly digested with $HClO_4$-HNO_3 and HF.
The solution is analyzed by Atomic Absorption Spectroscopy.

10. Mercury: 1.00 Gram sample is digested with HNO_3.
The solution is analyzed by Atomic Absorption Spectroscopy, using a cold vapor generation technique.

11. Rapid Silicate Analysis: 0.10 Gram sample is fused with Lithium Metaborate, and dissolved in HNO_3.
The solution is analyzed by Atomic Absorbtion for SiO_2, Al_2O_3, Fe_2O_3, MgO, CaO, Na_2O, K_2O, TiO_2 P_2O_5, and MnO.

12. Partial Extraction and Fe/Mn oxides: 0.5 Gram sample is extracted using one of the following: Hot or cold 0.5 N. HCL, 2.5% E.D.T.A, Ammonium Citrate, or other selected organic acids.
The solution is analyzed by use of Atomic Absorption Spectroscopy.

13. Biogeochemical: Samples are dried, and ashed at 550°C. and the resulting ash analyzed as in #1, multielement analysis.

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

• *Specialising in Trace Elements Analyses* •

Certificate of Geochemical Analyses

–IN ACCOUNT WITH–
Lakewood Mining Co.
c/o Mr. Charles Boitard
2245 West 13th Ave.
Attention Vancouver, B.C. V6K 2S4

Report No: 82-52-002 Page 1 of 3
Samples Arrived: May 17, 1982
Report Completed: May 21, 1982
For Project: Clinton
Analyst: E.T. & VGC Staff
Invoice: 6712 Job # 82-018
Save Rejects

Sample Marking	Cu ppm	Ag ppm	Au ppb			
L0 10 N	170	0.3	10			
20	269	nd	30			
30	204	0.1	10			
40	155	0.1	30			
50	201	0.2	20			
60	223	nd	10			
70	390	nd	70 ✓			
80	207	nd	30			
90	221	0.1	70 ✓			
100	251	nd	30			
110	139	nd	nd			
20	207	nd	40 ✓			
30	112	nd	20			
40	169	nd	20			
50	151	nd	10			
60	140	nd	60 ✓			
70	264	nd	20			
80	305	nd	20			
90	299	nd	10			
200	200	nd	20			
10	146	0.1	—			
20	251	nd	—			
30	238	nd	—			
40	264	0.1	—			
50	140	nd	—			
60	348	0.2	—			
70	194	0.1	—			
80	190	nd	—			
90	218	0.2	—			
L0 300 N	366	0.1	—			
Line 1E 0 N	520	0.2	—			
LIE 10 N	860	nd	—			
20	260	0.4	—			
30	187	0.2	—			
40	126	nd	—			
50 N	214	nd	—			
50AN	176	nd	—			
60 N	175	nd	—			
LIE 70 N	69	0.1	—			

REMARKS:

Signed:

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

• *Specialising in Trace Elements Analyses* •

Certificate of Geochemical Analyses

–IN ACCOUNT WITH–

Lakewood Mining Co. Ltd.

Attention:

Report No: 82-52-002 Page 2 of 3
Samples Arrived:
Report Completed:
For Project:
Analyst:

Sample Marking	Cu ppm	Ag ppm	Au ppb			
LIE 80 N	144	nd	—			
90	181	0.1	—			
100	138	nd	—			
10	132	0.2	—			
20	179	nd	—			
30	145	0.1	—			
40	112	nd	—			
50	96	0.1	—			
60	70	nd	—			
70	196	nd	—			
80	86	nd	—			
90	190	nd	—			
200	100	nd	—			
10	139	0.1	—			
20	76	0.1	—			
30	92	nd	—			
40	169	0.2	—			
LIE 250 N	149	0.1	—			
L0 00	650	nd	—			
10 S	251	0.1	—			
20	186	nd	—			
30	189	nd	—			
40	115	nd	—			
50	154	nd	—			
60	85	nd	—			
70	118	nd	—			
80	96	nd	—			
90	28	0.1	—			
100	49	nd	—			
10	69	nd	—			
20	170	nd	—			
30	119	nd	—			
40	95	nd	—			
L0 150 S	189	0.1	—			
LIE 10 S	220	0.2	10			
20	319	nd	30			
30	368	nd	60 ✓			
40	320	nd	40 ✓			
LIE 50 S	242	nd	20			

REMARKS:

Signed: _____

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VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

• *Specialising in Trace Elements Analyses* •

Certificate of Geochemical Analyses

--IN ACCOUNT WITH--

Lakewood Mining Co. Ltd.

Attention:

Report No: 82-52-002 Page 3 of 3
Samples Arrived:
Report Completed:
For Project:
Analyst:

Sample Marking	Cu ppm	Ag ppm	Au ppb			
LIE 60 S	335	nd	—			
70	341	nd	—			
80	331	nd	—			
90	269	nd	—			
100	324	nd	—			
10	460	nd	—			
20	118	nd	—			
30	290	nd	—			
40	214	nd	—			
LIE 150 S	250	0.2	—			
LIE 20 S	109	nd	20			Rock (Rock showing #6)

REMARKS:

Signed: _____

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

• *Specialising in Trace Elements Analyses* •

Certificate of Geochemical Analyses

–IN ACCOUNT WITH–

Lakewood Mining Co.
c/o Mr. Charles Boitard
2245 West 13th Ave.
Attention: Vancouver, B.C. V6K 2S4

Report No: 82-52-003 Page 1 of 1
Samples Arrived: May 25, 1982
Report Completed: May 27, 1982
For Project: Clinton
Analyst: E.T. & VGC Staff
Invoice: 6721 Job # 82-025

Sample Marking	Cu ppm
L0 160 S	139
170 S	114
180 S	236
190 S	76
200 S	129
210 S	68
220 S	100
230 S	231
L0 240 S	84

REMARKS:

Signed:

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All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

• *Specialising in Trace Elements Analyses* •

Certificate of Geochemical Analyses

–IN ACCOUNT WITH–

Attention: Lakewood Mining Co.
c/o Mr. Charles Boitard
2245 West 13th Av.e
Vancouver, B.C. V6K 2S4

Report No: 82-52-004 Page 1 of 2
Samples Arrived: From File 82-52-002
Report Completed: May 27, 1982
For Project: Clinton
Analyst: E.T. & VGC Staff
Invoice: 6722 Job # 82-019

Sample Marking	Au ppb
LO 210 N	290
20	nd
30	20
40	10
50	120
60	60
70	nd
80	nd
90	nd
LO 300 N	nd
Line 1E 0 N	20
LIE 10 N	10
20 N	20
30	40
40	70
50 N	50
50AN	40
60 N	nd
70 N	10
80	nd
90	20
100	nd
10	10
20	20
30	20
40	nd
50	10
60	10
70	10
80	nd
90	nd
200	nd
10	nd
20	nd
30	10
40	20
LIE 250 N	nd
LO 00	nd
LO 10 S	nd

REMARKS:

Signed:

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

VANGEOCHEM LAB LTD.
1521 PEMBERTON AVE.,
NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

TELEPHONE: 986-5211
AREA CODE: 604

• *Specialising in Trace Elements Analyses* •

Certificate of Geochemical Analyses

–IN ACCOUNT WITH–

Lakewood Mining Co.

Attention:

Report No: 82–52–004 Page 2 of 2
Samples Arrived:
Report Completed:
For Project:
Analyst:

Sample Marking	Au ppb
L0 20 S	nd
30	nd
40	nd
50	20
60	nd
70	60
80	10
90	nd
100	10
10	10
20	30
30	10
40	30
L0 150 S	50
LIE 60 S	150
70	20
80	10
90	10
100	30
10	40
20	10
30	nd
40	nd
LIE 150 S	10

REMARKS:

Signed:

% Mo x 1.6683 = % MoS_2 1 Troy oz./ton = 34.28 ppm 1 ppm = 0.0001% nd = none detected ppm = parts per million

All values are believed to be correct to the best knowledge of the analyst based on the method and instruments used.

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82076-2A
INVOICE NO. 2118
DATE ANALYSED JUNE 10/82
PROJECT

TO: . LAKEWOOD MINING CO.
2245 West 13th. Ave.
Vancouver, B.C.

No.	Sample	pH	Mo	Cu	PPB Au	Ag								No.
01	1W - 10N			386	30	0.4								01
02	20N			356	90	0.4								02
03	30N			148	30	0.6								03
04	40N			100	20	0.6								04
05	50N			104	10	0.4								05
06	60N			82	10	0.2								06
07	70N			102	60	0.2								07
08	80N			128	20	0.2								08
09	100N			162	40	0.2								09
10	1W-110N			236	20	0.2								10
11	120N			160	10	0.4								11
12	130N			58	20	0.4								12
13	140N			64	10	0.2								13
14	150N			32	10	0.2								14
15	160N			68	10	0.2								15
16	170N			62	10	0.2								16
17	180N			62	10	0.2								17
18	190N			222	20	0.2								18
19	200N			106	10	0.2								19
20	1W - 210N			46	10	0.2								20
21	220N			32	10	0.2								21
22	230N			56	10	0.2								22
23	240N			114	10	0.2								23
24	250N			150	10	0.2								24
25	260N			74	10	0.2								25
26	270N			70	10	0.2								26
27	280N			38	10	0.4								27
28	1W-ONO S			340	20	0.2								28
29	1W -10S CREEK BED			1730	10	0.4								29
30	1W - 20S			136	10	0.2								30
31	30S			134	10	0.2								31
32	40S			204	10	0.2								32
33	50S			434	70	0.2								33
34	60S			580	170	0.2								34
35	70S			720	90	0.6								35
36	80S			660	80	0.4								36
37	90S			312	10	0.2								37
38	1W - 100S			306	20	0.2								38
39														39
40														40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B.C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82076-2B

INVOICE NO. 2118

DATE ANALYSED JUNE 10/82

PROJECT

TO: LAKEWOOD MINING CO.
2245 West 13th. Ave.
Vancouver, B.C.

No.	Sample	pH	Mo	Cu	PPB Au	Ag								No.
01	2-W - 00			198	60	0.2								01
02	2W - 10N			202	60	0.2								02
03	20N			246	50	0.2								03
04	30N			210	90	0.4								04
05	40N			60	10	0.2								05
06	50N			280	60	0.2								06
07	60N			46	10	0.2								07
08	(CREEK BED) 70N			512	90	0.8								08
09	(CREEK BED) 80N			254	10	0.6								09
10	2W - 90N			140	10	0.2								10
11	100N			90	10	0.2								11
12	110N			54	10	0.2								12
13	120N			58	50	0.2								13
14	130N			66	10	0.4								14
15	140N			74	10	0.4								15
16	150N			122	10	0.4								16
17	160N			188	10	0.2								17
18	170N			274	50	0.2								18
19	180N			142	50	0.2								19
20	2W - 190N			256	40	0.4								20
21	200N			116	10	0.2								21
22	210N			62	10	0.2								22
23	220N			84	10	0.2								23
24	230N			56	10	0.2								24
25	240N			46	10	0.2								25
26	250N			98	10	0.2								26
27	260N			230	80	0.4								27
28	270N			54	10	0.4								28
29	280N			72	10	0.2								29
30	290N			34	10	0.4								30
31	2W - 300N			40	10	0.2								31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B.C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82076-3

INVOICE NO. 2118

DATE ANALYSED JUNE 10/82

PROJECT

TO: LAKEWOOD MINING CO.
2245 West 13th. Ave.
Vancouver, B.C.

No.	Sample	pH	Mo	Cu	Au ppb	Ag								No.
01	3W - 70N			254	470	0.2								01
02	80N			266	30	0.2								02
03	90N			94	40	0.4								03
04	100N			152	80	0.2								04
05	110N			610	30	0.2								05
06	120N			398	10	0.4								06
07	130N			108	10	0.4								07
08	140N			152	50	0.2								08
09	150N			160	60	0.2								09
10	3W - 160N			124	50	0.2								10
11	170N			110	150	0.2								11
12	180N			84	10	0.2								12
13	190N			176	70	0.2								13
14	200N			228	40	0.2								14
15	210N			122	10	0.2								15
16	220N			242	10	0.2								16
17	230N			230	40	0.2								17
18	240N			224	40	0.2								18
19	250N			108	10	0.2								19
20	3W - 260N			68	10	0.2								20
21	270N			88	10	0.2								21
22	280N			60	10	0.2								22
23	290N			68	10	0.2								23
24	300N			92	10	0.2								24
25	310N			42	10	0.2								25
26	320N			44	10	0.2								26
27	320NA			66	10	0.2								27
28	3W 340N			88	10	0.2								28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82076-1A

INVOICE NO. 2118

DATE ANALYSED JUNE 10/82

PROJECT

TO: LAKEWOOD MINING CO
2245 West13 Ave.
Vancouver, B.C.

No.	Sample	pH	Mo	Cu	ppb Au	Ag								No.
01	0-38N pit 2ft.			410	20	0.2								01
02	0-42N pit 3ft.			440	50	0.2								02
03	0-80N-15W pit 5ft.			84	40	0.2								03
04														04
05														05
06														06
07														07
08														08
09														09
10														10
11														11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
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26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by J. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82076-1B

INVOICE NO. 2118

DATE ANALYSED JUNE 10/82

PROJECT

TO: LAKEWOOD MINING CO
2245 West13 Ave.
Vancouver, B.C.

No.	Sample	pH	Mo	Cu	Ag	Au (ppb)								No.
01	LO-80N-HE pit 5ft.			298	0.4	20								01
02	LO-90N pit 5ft.			20	0.2	10								02
03	LO-110N-25HW pit 6ft.			10	0.2	10								03
04														04
05														05
06														06
07														07
08														08
09														09
10														10
11														11
12														12
13														13
14														14
15														15
16														16
17														17
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31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE NO. 82146-1

INVOICE NO.

DATE ANALYSED JULY 28/82

PROJECT

CERTIFICATE OF ANALYSIS

LAKEWOOD MINING CO LTD.
TO 2245 West 13th Ave.
Vancouver, B.C.

No.	Sample	pH	Mo	Cu	Ag (PPB)	Au (PPB)	Pb	Zn						No.
01	1W 110S			380	0.2	100	2	114						01
02	120S			386	0.4	110	24	110						02
03	130S			136	0.4	100	6	80						03
04	140S			268	0.4	110	4	84						04
05	150S			920	0.4	180	6	70						05
06	160S			360	0.4	170	12	110						06
07	170S			280	0.2	200	4	104						07
08	180S			530	0.4	280	2	82						08
09	190S			240	0.2	80	2	88						09
10	1W 200S			260	0.2	100	2	86						10
11	210S			158	0.2	80	3	88						11
12	220S			402	0.2	500	4	66						12
13	230S			232	0.2	160	4	54						13
14	240S			302	0.2	120	6	70						14
15	250S			208	0.2	400	2	78						15
16	2W 10S			406	0.2	80	18	56						16
17	20S			820	0.6	240	6	58						17
18	30S			500	0.6	200	6	62						18
19	40S			350	0.2	60	8	64						19
20	50S			456	0.2	60	14	96						20
21	2W 60S			194	0.2	100	2	68						21
22	70S			160	0.2	40	2	66						22
23	80S			194	0.4	130	4	70						23
24	90S			78	0.2	40	8	60						24
25	100S			234	0.2	100	18	80						25
26	110S			120	0.2	20	24	118						26
27	120S			96	0.2	10	2	54						27
28	130S			56	0.2	10	6	68						28
29	140S			116	0.2	10	6	70						29
30	2W 150S			202	0.4	80	2	58						30
31	160S			420	0.6	100	6	60						31
32	170S			440	0.2	130	6	58						32
33	180S			280	0.2	130	8	76						33
34	190S			242	0.2	40	8	70						34
35	200S			440	0.4	400	8	66						35
36	210S			380	0.4	60	28	76						36
37	220S			386	0.4	70	2	74						37
38	230S			282	0.4	20	8	76						38
39	2W 240S			28	0.4	20	2	56						39
40														40

VALUES IN PPM, UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE NO. 82146-2

CERTIFICATE OF ANALYSIS

INVOICE NO.

DATE ANALYSED JULY 28/82

TO: LAKEWOOD MINING CO LTD.
2245 West 13th Ave.
Vancouver, B.C.

PROJECT

No.	Sample	pH	~~Mo~~	Cu	Ag	Au (PPB)	Pb	Zn	Bi					No.
01	2W 250S			224	0.2	40	2	82	-					01
02	3W 00			216	0.2	80	2	60	-					02
03	10S			288	0.2	90	.2	58	-					03
04	20S			270	0.2	140	2	56	-					04
05	30S			360	0.2	160	2	64	-					05
06	40S			.700	0.8	120	4	52	-					06
07	50S			398	0.6	90	12	80	-					07
08	60S			184	0.2	50	6	64	-					08
09	70S			112	0.2	90	6	58	-					09
10	3W 80S			126	0.2	50	6	56	-					10
11	90S			36	0.2	10	4	66	-					11
12	100S			54	0.2	20	2	84	-					12
13	10N			214	0.2	20	2	56	-					13
14	20N			368	0.2	60	2	52	-					14
15	30N			.5300	0.2	70	2	56	-					15
16	40N			450	0.2	80	2	66	-					16
17	50N			520	0.6	100	2	58	-					17
18	3W 60N			.660	0.6	600	134	218	-					18
19	ROCK # 4			54	0.2	10	2	22						19
20	ROCK # 7			310	0.2	30	2	28						20
21	ROCK # 8			200	0.4	50	2	28						21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by F. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82195-1

INVOICE NO.

DATE ANALYSED AUG. 25/82

PROJECT

TO: LAKEWOOD [illegible] LTD.
2245 W. 13th Ave.
Vancouver, B.C.

No.	Sample	pH	~~Mo~~	Cu PPB	Au PPB									No.
01	2W 250S			174	20									01
02	260			268	10									02
03	270			320	10									03
04	280			218	10									04
05	290			322	10									05
06	300			308	10									06
07	310			190	10									07
08	320			168	10									08
09	330			96	10									09
10	340			140	10									10
11	2W 350S			180	40									11
12	360			224	40									12
13	370			90	10									13
14	380			186	70									14
15	390			186	70									15
16	400			278	50									16
17	410			70	10									17
18	420			50	10									18
19	430			96	10									19
20	440			28	10									20
21	2W 450S			58	10									21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82195-2

INVOICE NO.

DATE ANALYSED AUG. 24/82

PROJECT

TO: LAKEWOOD MINING CO LTD
2245 W. 13th Ave.
Vancouver, B.C.

No.	Sample	pH	~~Mo~~	Cu	Au									No.
01	3W 110 S			46	10									01
02	120			52	10									02
03	130			42	10									03
04	140			48	10									04
05	150			58	10									05
06	160			56	10									06
07	170			64	10									07
08	180			58	10									08
09	190			44	10									09
10	200			38	10									10
11	3W 210 S			24	10									11
12	220			44	10									12
13	230			168	20									13
14	240			280	10									14
15	250			262	70									15
16	260			168	50									16
17	270			940	450									17
18	280			230	50									18
19	290			620	20									19
20	300			196	30									20
21	3W 310 S			280	10									21
22	320			272	10									22
23	330			274	80									23
24	340			138	20									24
25	350			64	10									25
26	360			30	10									26
27	370			42	10									27
28	380			30	10									28
29	390			18	10									29
30	400			18	10									30
31	3W 410 S			58	10									31
32	420			26	10									32
33	430			22	10									33
34	3W 440S			88	10									34
35	3W 450S			36	10									35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 8295-3

INVOICE NO.

DATE ANALYSED AUG. 24/82

PROJECT

TO: LAKEWOOD MINING CO LTD.
2245 W. 13th Ave.
Vancouver, B.C.

No.	Sample	pH	~~Mo~~	Cu	Au									No.
01	4W 20 S			120	10									01
02	40			136	70									02
03	60			102	10									03
04	80			110	60									04
05	100			56	10									05
06	120			44	10									06
07	140			46	10									07
08	160			54	10									08
09	180			42	10									09
10	200			52	10									10
11	4W 220 S			36	10									11
12	240			70	10									12
13	260			26	10									13
14	280			46	10									14
15	300			58	10									15
16	320			38	10									16
17	340			42	10									17
18	360			28	10									18
19	380			24	10									19
20	400			104	10									20
21	4W 420 S			186	10									21
22	420			62	10									22
23	4W 460 S			60	10									23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by F. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82195-4

INVOICE NO.

DATE ANALYSED 82/08/24

PROJECT

TO: LAKEWOOD MINING CO LTD.
2245 W. 13yh Ave.
Vancouver, B.C.

No.	Sample	pH	~~Mo~~	Cu	Au									No.
01	SW 00			40	10									01
02	20 S			28	10									02
03	40			64	10									03
04	60			26	10									04
05	80			150	10									05
06	100			260	80									06
07	120			140	30									07
08	140			58	30									08
09	160			106	10									09
10	180			30	10									10
11	SW 200 S			34	10									11
12	220			68	10									12
13	240			32	10									13
14	260			54	10									14
15	280			72	10									15
16	300			42	10									16
17	320			84	10									17
18	340			48	10									18
19	360			34	10									19
20	380			36	10									20
21	SW 400 S			26	10									21
22	420			20	10									22
23	440			36	10									23
24	SW 460 S			16	10									24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by A. Rossbach

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B.C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82195-S

INVOICE NO.

DATE ANALYSED AUG. 24/82

PROJECT

TO: LAKEWOOD MINING CO LTD.
2245 W. 13th Ave.
Vancouver, B.C.

No.	Sample	pH	Mo	Cu	Au									No.
01	LO 250S			230	100									01
02	260			110	30									02
03	270			56	10									03
04	280			32	10									04
05	290			18	10									05
06	300			76	10									06
07	310			28	10									07
08	320			46	10									08
09	330			118	10									09
10	340			58	10									10
11	LO 350 S			110	140									11
12	360			176	80									12
13	370			58	20									13
14	380			190	60									14
15	390			110	10									15
16	400			50	10									16
17	410			42	10									17
18	420			50	10									18
19	430			360	30									19
20	440			320	60									20
21	LO 450S			1400	300									21
22	"													22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by C. Rossbach

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B.C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82195-6

INVOICE NO.

DATE ANALYSED AUG. 25/82

PROJECT

TO: LAKEWOOD MINING CO LTD.
2245 W. 13th Ave.
Vancouver, B.C.

No.	Sample	pH	~~Mo~~	Cu	PPB Au									No.
01	L1W250S			192	60									01
02	260			360	70									02
03	270			296	80									03
04	280			164	10									04
05	290			268	10									05
06	300			66	80									06
07	310			134	10									07
08	320			90	10									08
09	330			44	10									09
10	340			62	10									10
11	L1W350S			68	10									11
12	360			92	10									12
13	370			90	10									13
14	380			144	50									14
15	390			146	60									15
16	400			168	30									16
17	410			246	110									17
18	420			88	70									18
19	430			188	450									19
20	440			312	120									20
21	L1W450S			260	60									21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82195-7

INVOICE NO.

DATE ANALYSED AUG. 26/82

PROJECT

TO: LAKEWOOD MINING CO LTD.
2245 W. 13th Ave.
Vancouver, B.C.

No.	Sample	pH	~~Mo~~	Cu PPB	Au									No.
01	4W 00			66	10									01
02	20 N			34	10									02
03	40			126	10									03
04	60			130	30									04
05	80			74	10									05
06	100			830	180									06
07	120			308	70									07
08	140			270	20									08
09	160			124	10									09
10	180			248	10									10
11	4W 200 N			156	10									11
12	220			230	10									12
13	240			236	10									13
14	260			120	10									14
15	4W 280 N			28	10									15
16	4W 300 N			36	10									16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82195-8

INVOICE NO.

DATE ANALYSED AUG. 25/82

PROJECT

TO: LAKEWOOD MINING CO LTD.
2245 W.13th Ave.
Vancouver, B.C.

No.	Sample	pH	Mo	Cu PPB	Au PPB									No.
01	SW 20 N			56	10									01
02	40			50	10									02
03	60			32	30									03
04	80			354	10									04
05	100			176	10									05
06	120			254	10									06
07	140			524	140									07
08	160			302	10									08
09	180			408	50									09
10	200			270	10									10
11	SW 220 N			196	10									11
12	240			109	10									12
13	260			76	10									13
14	280			110	10									14
15	SW 300 N			112	380									15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by C. Rossbach

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B. C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82195-9

INVOICE NO.

DATE ANALYSED AUG. 25/82

PROJECT

TO: LAKEWOOD MINING CO LTD.
2245 W. 13th Ave.
Vancouver, B.C.

No.	Sample	pH	~~Mo~~	Cu	PPB Au									No.
01	BO 270 W			44	10									01
02	290			78	10									02
03	310			46	10									03
04	330			166	10									04
05	350			60	10									05
06	370			34	10									06
07	390			38	10									07
08	BO 410 W			42	10									08
09														09
10														10
11														11
12														12
13														13
14														14
15														15
16														16
17														17
18														18
19														19
20														20
21														21
22														22
23														23
24														24
25														25
26														26
27														27
28														28
29														29
30														30
31														31
32														32
33														33
34														34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by C. Rossbach

Rossbacher Laboratory Ltd.

GEOCHEMICAL ANALYSTS & ASSAYERS

2225 S. SPRINGER AVE.,
BURNABY, B.C.
CANADA
TELEPHONE: 299-6910

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 82229

INVOICE NO.

DATE ANALYSED 82/09/09

TO: LAKEWOOD MINING CO LTD.
2245 West 13th Ave.
Vancouver, B.C.

PROJECT A & M Exploration.

No.	Sample	pH	Mo	Cu	PPB Au									No.
01	L6W 20N			52	30									01
02	40N			52	50									02
03	60N			30	10									03
04	80N			28	10									04
05	100N			36	10									05
06	120N			18	10									06
07	140N			34	10									07
08	160N			70	10									08
09	180N			206	20									09
10	200N			58	10									10
11	220N			94	10									11
12	240N			176	10									12
13	260N			144	20									13
14	L6W 40S			38	10									14
15	60S			22	10									15
16	80S			62	10									16
17	100S			92	20									17
18	120S			44	10									18
19	140S			52	10									19
20	160S			32	10									20
21	180S			34	10									21
22	200S			56	10									22
23	L0W 140S			380	20									23
24	160S			300	140									24
25	180S			304	120									25
26	200S			468	220									26
27	220S			208	20									27
28	240S			272	120									28
29	L0W 460S			560	380									29
30	480S			170	80									30
31	500S			210	80									31
32	L1W 460S			66	70									32
33	480S			160	20									33
34	500S			104	30									34
35														35
36														36
37														37
38														38
39														39
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by U. Rossbach

Rossbacher Laboratory Ltd.

2225 S. SPRINGER AVE.,
BURNABY, B.C.
CANADA
TELEPHONE: 299-6910

GEOCHEMICAL ANALYSTS & ASSAYERS

CERTIFICATE NO. 82162

CERTIFICATE OF ANALYSIS

INVOICE NO.

TO: **A & M EXPLORATION LTD.**
4570 HOSKINS ROAD
NORTH VANCOUVER, B.C. V7K 2R1

DATE ANALYSED 82/08/10

PROJECT LAKEWOOD MINING

No.	Sample	pH	Mo	Cu	Ag	Zn	Pb	Au						No.
											*PPB			
01	82 VAT 142		2	60	0.4	78	18	430	Qtz	vein	in trench	2W	2+15	01N
02	S 143		1	254	0.4	76	30	330	} Soil	profile @				02
03	144		1	720	0.2	74	30	380	}	2W	70 N			03
04	145		1	600	0.2	70	20	280	}					04
05	T 146		1	246	0.4	72	12	480	3W	60-70 N				05
06	82 VAT 147		1	620	0.6	52	8	230	2W	25 S				06
07	148		1	248	0.4	54	8	80	1W	60-70 S				07
08	149		2	54	0.2	62	6	180	1W	240-250 S				08
09	S 150		2	446	0.4	56	8	140	1W	250 S				09
10	151		2	214	0.2	78	6	120	1W	260 S				10
11	82 VAS 152		1	158	0.2	66	4	60	1W	270 S				11
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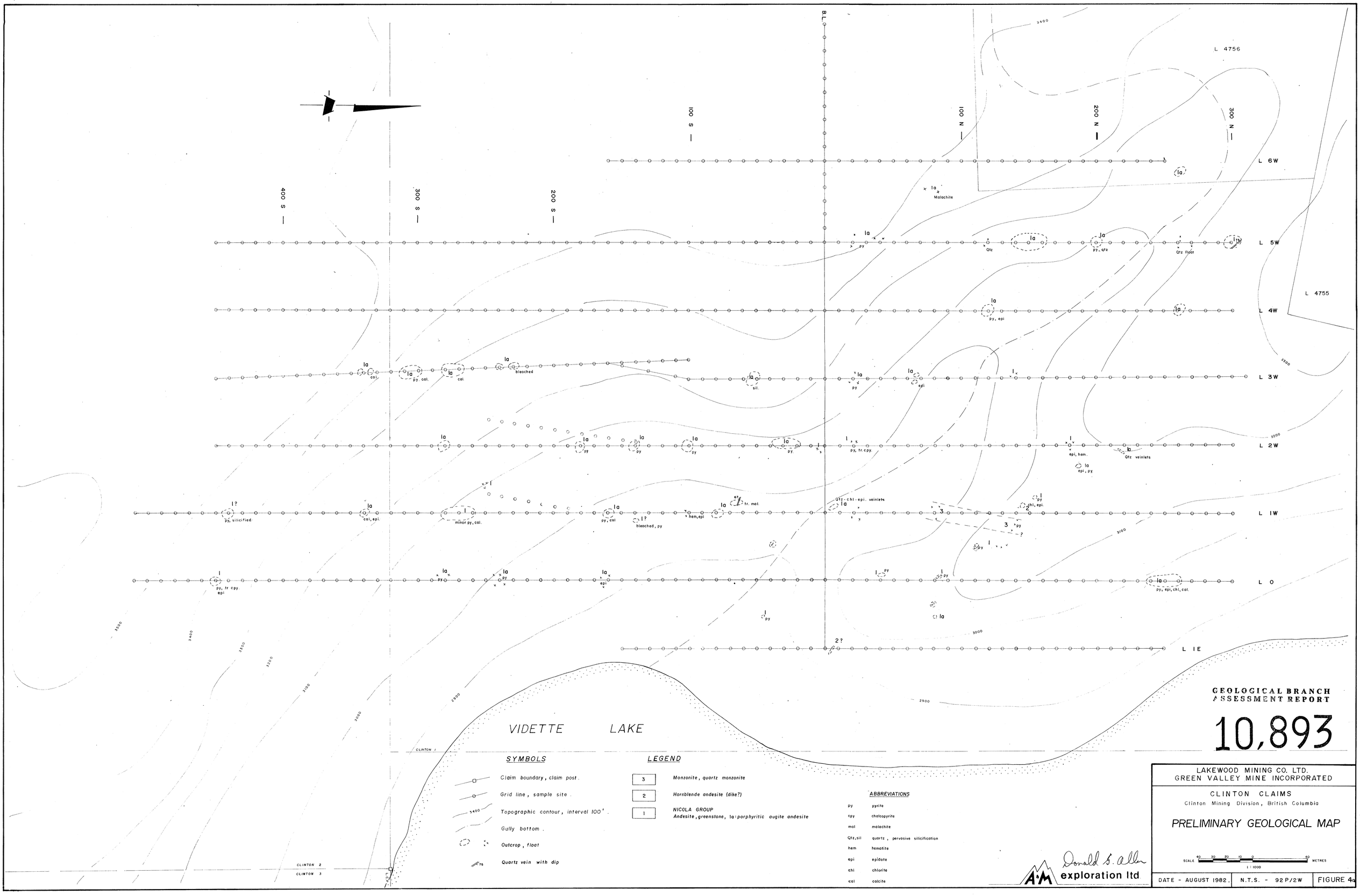
40														40

VALUES IN PPM UNLESS NOTED OTHERWISE.

Certified by C. Rossbacher



SYMBOLS

- Claim boundary, claim post
- Grid line, sample site
- Topographic contour, interval 100'
- Gully bottom
- Outcrop, float
- Quartz vein with dip

LEGEND

3 — Monzonite, quartz monzonite

2 — Hornblende andesite (dike?)

1 — NICOLA GROUP
Andesite, greenstone, la: porphyritic augite andesite

ABBREVIATIONS

py	pyrite
cpy	chalcopyrite
mal	malachite
Qtz, sil	quartz, pervasive silicification
hem	hematite
epi	epidote
chl	chlorite
cal	calcite

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,893

LAKEWOOD MINING CO. LTD.
GREEN VALLEY MINE INCORPORATED

CLINTON CLAIMS

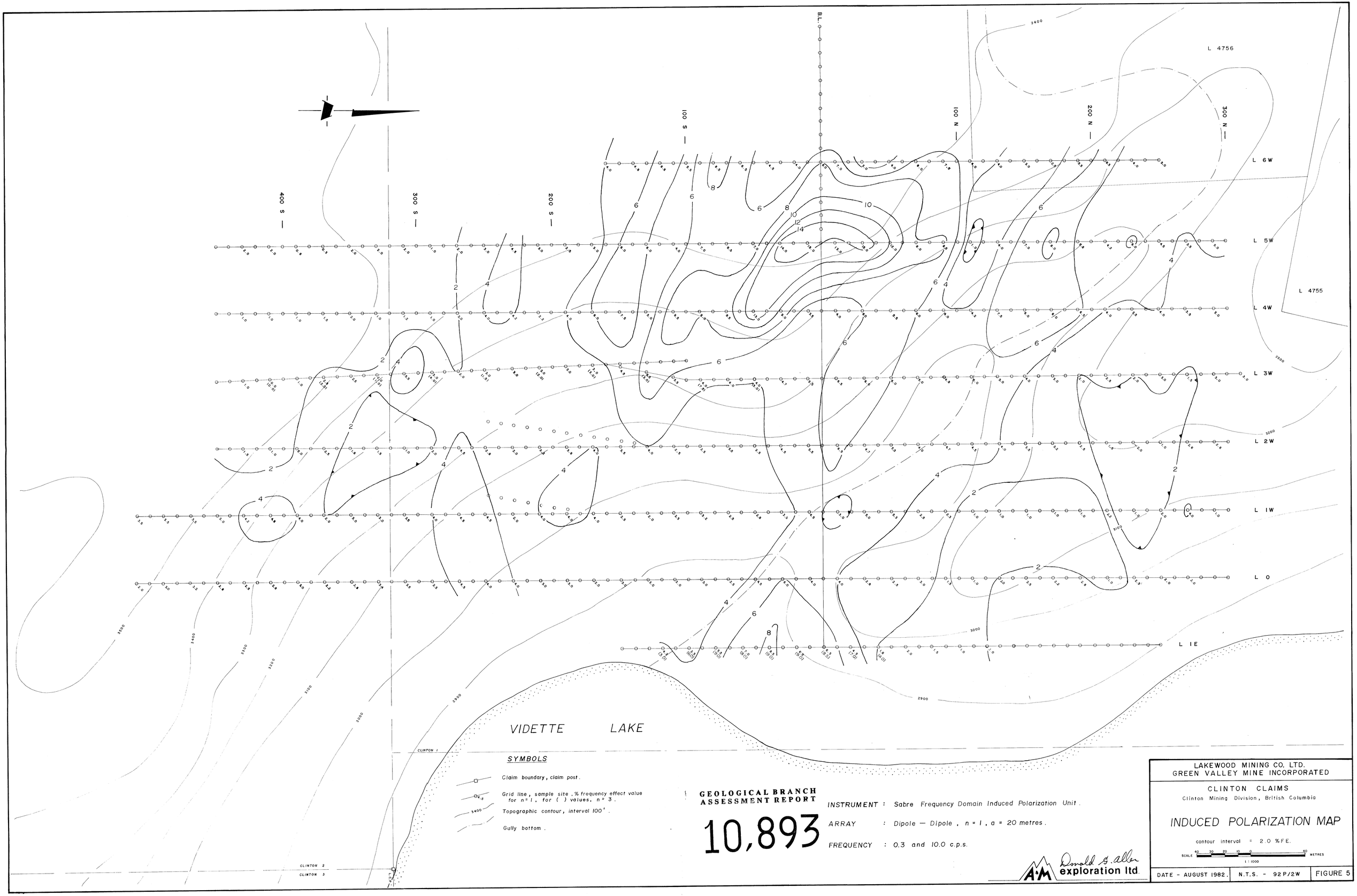
Clinton Mining Division, British Columbia

PRELIMINARY GEOLOGICAL MAP

SCALE 40 30 20 10 0 40 METRES
1 : 1000

Donald S. Allen
A·M exploration ltd

DATE - AUGUST 1982. | N.T.S. - 92 P/2W | FIGURE 4a



SYMBOLS

Claim boundary, claim post.

Grid line, sample site, % frequency effect value for n=1, for ( ) values, n=3.

Topographic contour, interval 100'.

Gully bottom.

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,893

INSTRUMENT : Sabre Frequency Domain Induced Polarization Unit.

ARRAY : Dipole — Dipole, n = 1, a = 20 metres.

FREQUENCY : 0.3 and 10.0 c.p.s.

Donald S. Allen exploration ltd.

LAKEWOOD MINING CO. LTD.
GREEN VALLEY MINE INCORPORATED

CLINTON CLAIMS
Clinton Mining Division, British Columbia

INDUCED POLARIZATION MAP

contour interval = 2.0 %F.E.

SCALE 40 30 20 10 0 40 METRES
1 : 1000

DATE - AUGUST 1982. | N.T.S. - 92P/2W | FIGURE 5

L 4756

L 6W

L 5W

L 4W

L 3W

L 2W

L 1W

L O

L 1E

L 4755

400 S

300 S

200 S

100 S

BL

100 N

200 N

300 N

VIDETTE LAKE

CLINTON 1

CLINTON 2

CLINTON 3

SYMBOLS

Claim boundary, claim post.

Grid line, sample site, resistivity value for n = 1, for ( ) values n = 3.

Topographic contour, interval 100'.

Gully bottom.

Interpreted fault zone.

GEOLOGICAL BRANCH ASSESSMENT REPORT

10,893

INSTRUMENT : Sabre Frequency Domain Induced Polarization Unit.

ARRAY : Dipole — Dipole, n = 1, a = 20 metres.

FREQUENCY : 0.3 and 10.0 c.p.s.

A·M exploration ltd.

Donald S. Allen

LAKEWOOD MINING CO. LTD.
GREEN VALLEY MINE INCORPORATED

CLINTON CLAIMS

Clinton Mining Division, British Columbia

APPARENT RESISTIVITY MAP

contour interval = 500 ohm metres

SCALE 40 30 20 10 0 40 METRES
1 : 1000

DATE - AUGUST 1982. | N.T.S. - 92P/2W | FIGURE 6

B.L.

400 S

300 S

200 S

100 S

100 N

200 N

300 N

L 6W

L 5W

L 4W

L 3W

L 2W

L 1W

L 0

L 1E

L 4756

L 4755

CLINTON 1

CLINTON 2

CLINTON 3

VIDETTE LAKE

SYMBOLS

Claim boundary, claim post.

Grid line, sample site, gold value in p.p.b. (Values less than 20 p.p.b are not plotted.)

Topographic contour, interval 100'.

Gully bottom.

Soil, rock sample site; sample number (D.G.A.); gold value in p.p.b.

NOTE: L 4,5 and 6W were sampled at 20 metre intervals.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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LAKEWOOD MINING CO. LTD.
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CLINTON CLAIMS
Clinton Mining Division, British Columbia

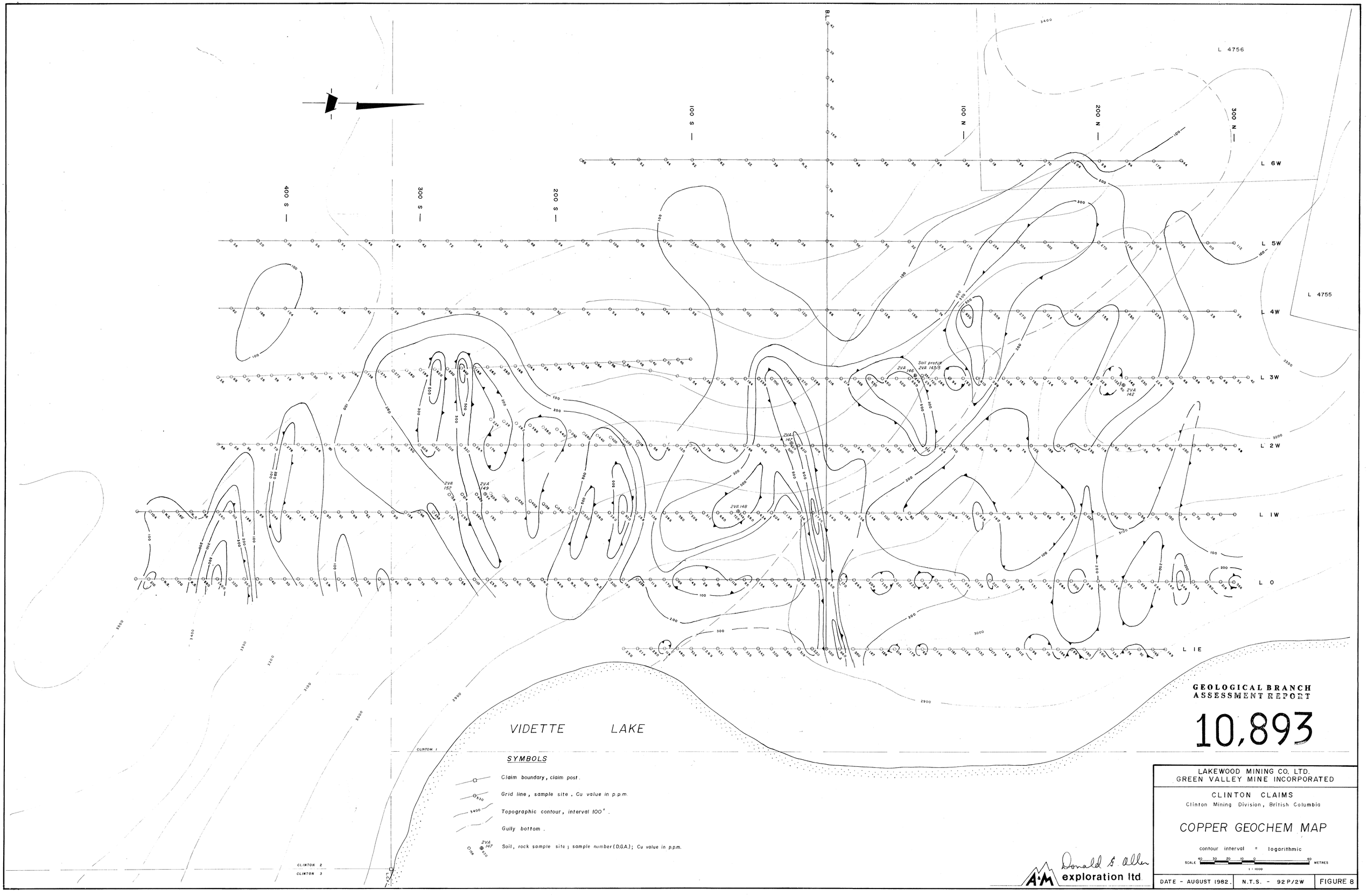
GOLD GEOCHEM MAP

contour interval is logarithmic.

SCALE 40 30 20 10 0 40 METRES
1 : 1000

Donald G. Allen
A·M exploration ltd

DATE - AUGUST 1982. | N.T.S. - 92 P/2W | FIGURE 7



SYMBOLS

Claim boundary, claim post.

Grid line, sample site, Cu value in p.p.m.

Topographic contour, interval 100'.

Gully bottom.

Soil, rock sample site; sample number (D.G.A.); Cu value in p.p.m.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,893

LAKEWOOD MINING CO. LTD.
GREEN VALLEY MINE INCORPORATED

CLINTON CLAIMS

Clinton Mining Division, British Columbia

COPPER GEOCHEM MAP

contour interval = logarithmic

SCALE 40 30 20 10 0 40 METRES
1 : 1000

A+M exploration ltd

Donald G. Allen

DATE - AUGUST 1982. | N.T.S. - 92P/2W | FIGURE 8

L 4756

L 4755

BL.

400 S

300 S

200 S

100 S

100 N

200 N

300 N

L 6W

L 5W

L 4W

L 3W

L 2W

L 1W

L 0

L 1E

CLINTON 1

CLINTON 2

CLINTON 3

VIDETTE LAKE

SYMBOLS

- Claim boundary, claim post.
- Grid line, sample site.
- 3400 Topographic contour, interval 100'.
- Gully bottom.
- Au — Gold in soil, greater than 50 p.p.b.
- Cu — Copper in soil, greater than 200 p.p.m.
- IP — Induced polarization high, greater than 4 % F.E.
- R — Apparent resistivity high, greater than 500 ohm metres.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,893

LAKEWOOD MINING CO. LTD.
GREEN VALLEY MINE INCORPORATED

CLINTON CLAIMS
Clinton Mining Division, British Columbia

COMPILATION MAP

SCALE 40 30 20 10 0 40 METRES
1 : 1000

Donald G. Allen
A·M exploration ltd.

DATE - AUGUST 1982. | N.T.S. - 92 P/2W | FIGURE 9