

30-#944-#8780

PETROLOGY AND GEOCHEMISTRY OF PERCUSSION DRILLING
DOMINIC NORTH, DOMINIC SOUTH AND CHERISE MINERAL CLAIMS
KAMLOOPS MINING DIVISION

KAMLOOPS, B. C.
N.T.S. 92 I/10 E

50° 35' N 120° 43' W

PREPARED FOR
Charles Boitard
GREEN VALLEY MINE INC.

JAMES M. LOGAN
GEOLOGIST

ARCTEX ENGINEERING SERVICES

DECEMBER, 1980

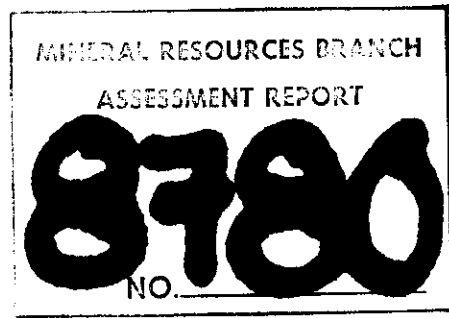


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KAMLOOPS MINING DIVISION
KAMLOOPS, B. C.

INTRODUCTION

A program of percussion drilling was carried out on the Dominic North, Dominic South and Cherise mineral claims between late January and early February, 1980. Eight vertical holes were drilled by Allen Diamond Drilling to a total cumulative length of 1570 feet.

The Dominic North (474[8]), Dominic South (475[8]), and Cherise (1404 [9]) mineral claims are situated in the Kamloops Mining Division, N.T.S. coordinates 92 1/10 E, approximately 30 kilometres west 20° south of Kamloops, B. C. (see Figure 1). The legal corner posts for Dominic North and South claims are located 1.5 kilometres due west of Dominic Lake. Cherise claim is located 2.8 kilometres southwest of Dominic Lake and bisected by Chartrand Creek (see Figure 2).

GENERAL GEOLOGY

Cockfield (1961) on Map 886A shows the claims to be underlain by greenstones: andesite, basalt, agglomerate, breccia, tuff, with minor argillite, limestone, and conglomerate of upper Triassic Nicola Group. Within the vicinity of the property these greenstones are invaded by bodies of plutonic rock, Jurassic and lower Cretaceous (?) Coast Intrusions.

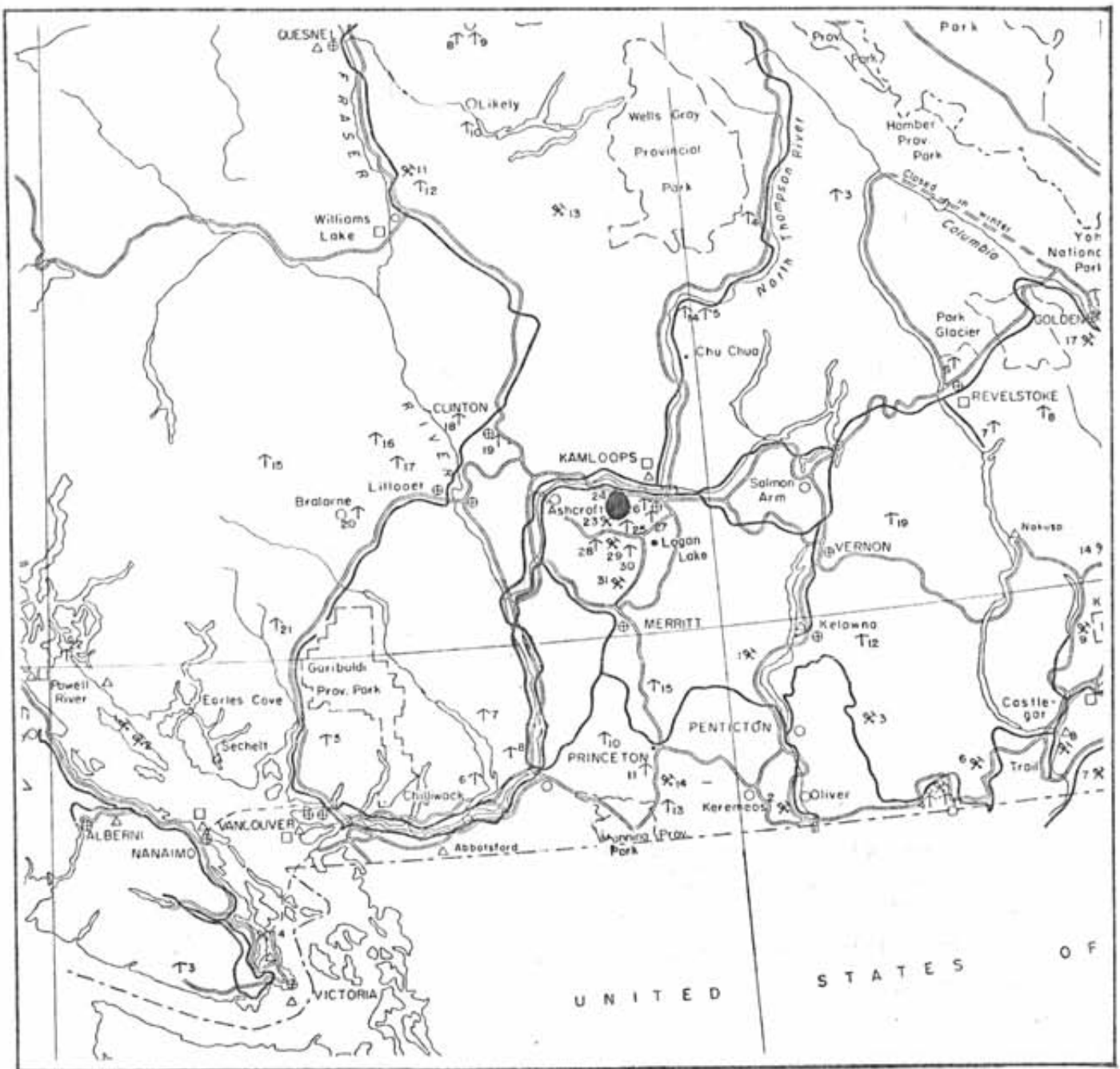


FIGURE 1. LOCATION MAP.

DOMINIC CLAIM GROUP
KAMLOOPS M.D. 92 I 10 E KAMLOOPS, B. C.

GREEN VALLEY MINE INC.

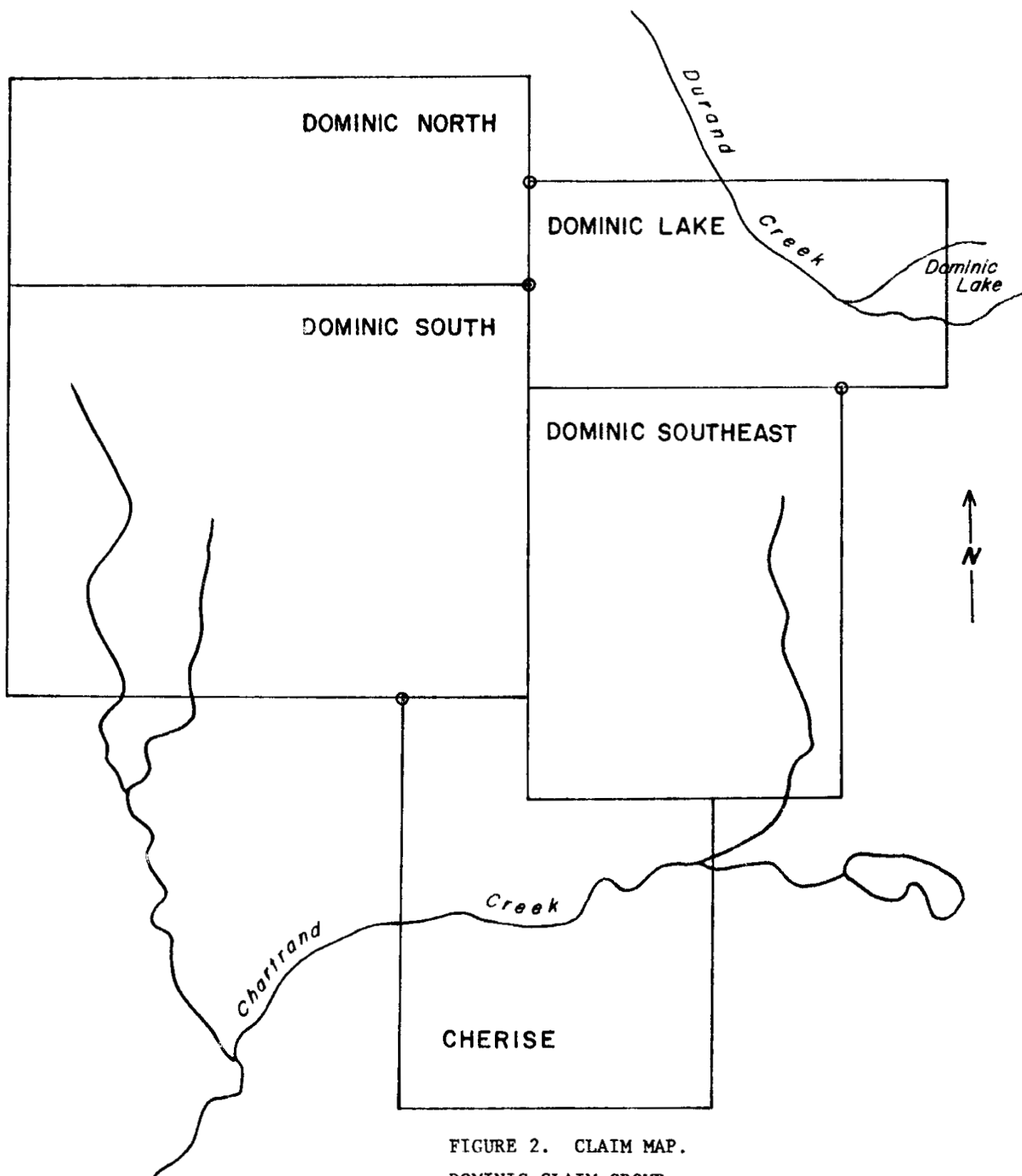


FIGURE 2. CLAIM MAP.

DOMINIC CLAIM GROUP
KAMLOOPS M.D. 92 I 10 E KAMLOOPS, B. C.
GREEN VALLEY MINE INC.

The Nicola Group is largely massive, volcanic rocks metamorphosed to the greenschist facies, in which individual flows are difficult to distinguish. For this reason structural data are relatively scanty and dependent upon the presence of intercalations of sedimentary rocks.

Preto (1979) has subdivided the Nicola Group into three separate assemblages, the oldest, the "Central Belt"; the "Eastern Belt"; and the "Western Belt" (youngest), respectively. It is believed by the writer that the underlying rocks of the Dominic claim group belong within the "Central Belt".

DRILL HOLE PETROLOGY

The "Central Belt" (Preto, 1979) is typified by an abundance of massive pyroxene and plagioclase-rich flows of andesite and basaltic composition, coarse volcanic breccia, conglomerate, and lahar deposits, and by lesser amounts of fine-grained pyroclastics and sedimentary rocks.

Differentiation of individual flows was difficult, and correlation between drill holes is unclear. The flows encountered range from basaltic andesite to predominantly andesite in composition, composed in some cases completely of augite (up to 50%) and plagioclase (up to 75%), although alteration (propylitization) products such as hematite, chlorite, epidote, calcite and minor hornblende (uralite) are present, varying from only minor reaction rims to complete pseudomorphic replacement of plagioclase and augite.

The lavas present in Holes P#1, P#2 and P#3 (see Figures 5 and 6) are grey-green to bright green-coloured, fine-grained, porphyritic in some cases and altered as described above. Flows in Holes P#4 to P#8 inclusive (see Figures 7 and 8) show little variation in composition but the groundmass is

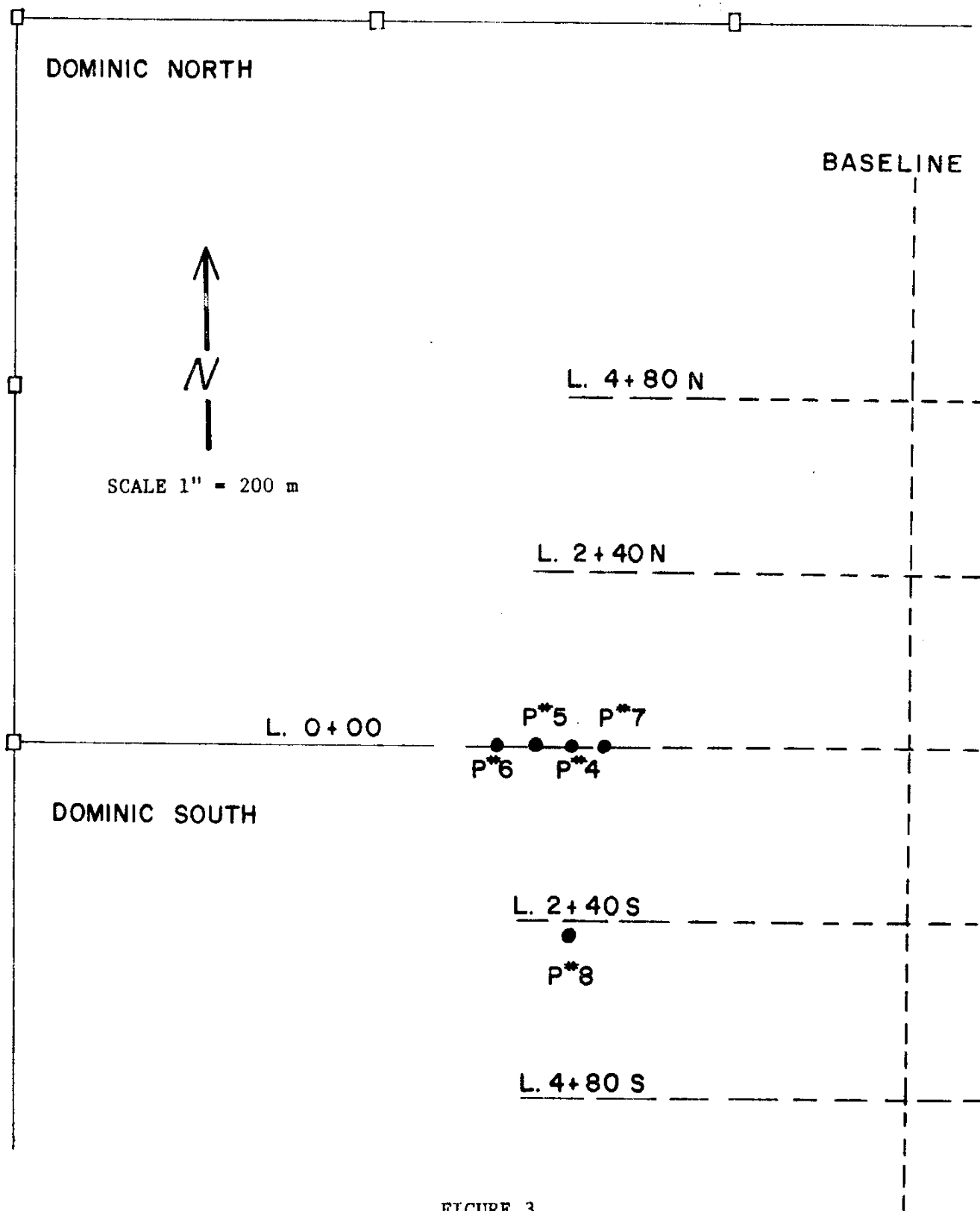


FIGURE 3

P.D.H. LOCATION MAP
DOMINIC NORTH & SOUTH CLAIMS
KAMLOOPS M.D. 92 I 10 E KAMLOOPS, B. C.
GREEN VALLEY MINE INC.



SCALE 1" = 125 m

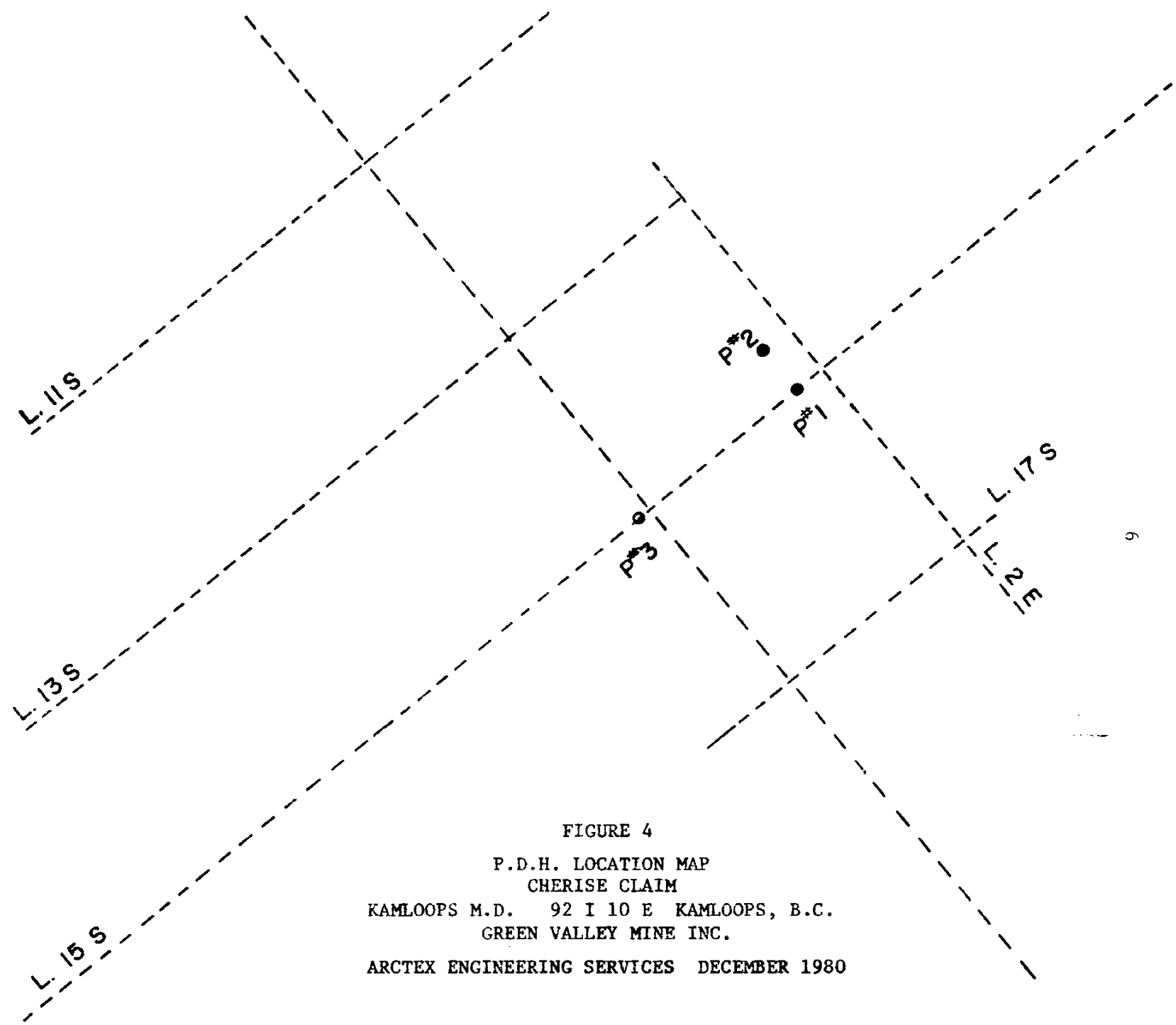


FIGURE 4
P.D.H. LOCATION MAP
CHERISE CLAIM
KAMLOOPS M.D. 92 I 10 E KAMLOOPS, B.C.
GREEN VALLEY MINE INC.
ARCTEX ENGINEERING SERVICES DECEMBER 1980

often impregnated with iron oxide imparting a reddish to brown colour as well as the typical green colour. The propylitization alteration has been obscured in Holes P#4 and P#5 where oxidation has altered the andesite, resulting in a limonitic staining (from pyrite? and/or ferromagnesiums), reduction of augite to only minor amounts of fine-grained biotite, secondary quartz and alteration of plagioclase to saussurite.

A narrow, oxidized, hematitic-stained welded tuff of similar composition to the above flows (indicating common source) occurs in both Hole P#2 (interval 130-140 feet) and P#3 (interval 110-120 feet). Propylitization has been over-printed by minor oxidization. Located immediately below this tuff in Hole P#2 is an autoclastic flow (breccia?) of andesitic composition, containing rounded grains and crystals in a mottled chloritic (green) and hematitic (red) crystalline groundmass. A relatively thick (50 feet) crystal tuff (welded?) unit(s) occupies the upper portion of Hole P#7 (see Figure 1). The tuff contains angular fragments of propylitized andesite and rounded grains of plagioclase and augite altering to chlorite.

Hole P#6 (interval 120-130 feet) contains a unit of granular/breccia-textured, autoclastic andesite. The rounded grains, predominantly plagioclase, are contained in a hematitic, slightly calcareous groundmass, markedly different from the flows above and below, indicating a separate flow (?) or flow top.

GEOCHEMISTRY

Drill holes situated on Dominic North and South claims (P#4 to P#8 inclusive) were analyzed for copper, lead, zinc and silver values (ppm) over

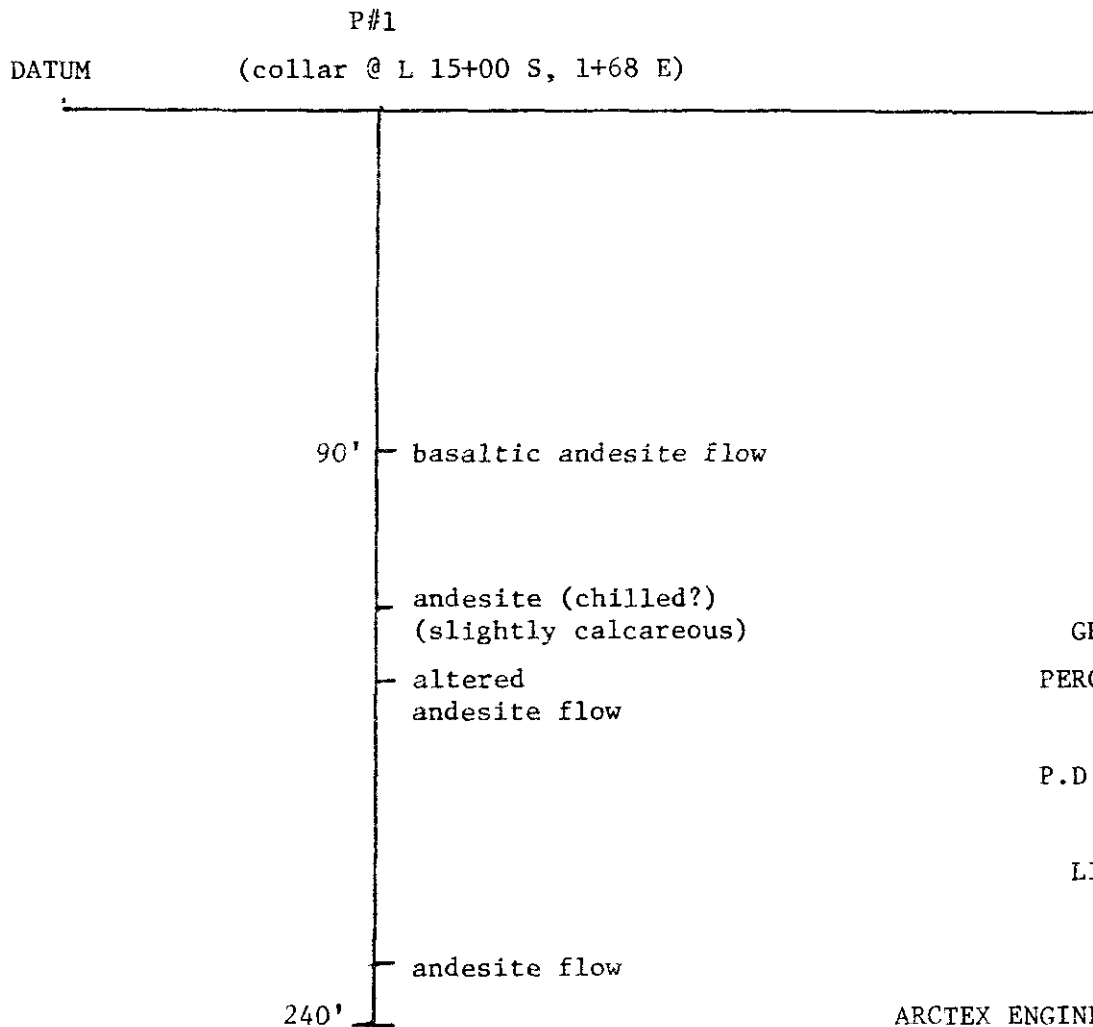


FIGURE 5
 GREEN VALLEY MINE INC.
 PERCUSSION DRILLING, 1980
 KAMLOOPS, B. C.
 P.D.H. GENERALIZED SECTION
 P#1
 LINE 15+00 S PROFILE
 LOOKING GRID NORTH
 SCALE 1" = 50 ft

ARCTEX ENGINEERING SERVICES DECEMBER 1980

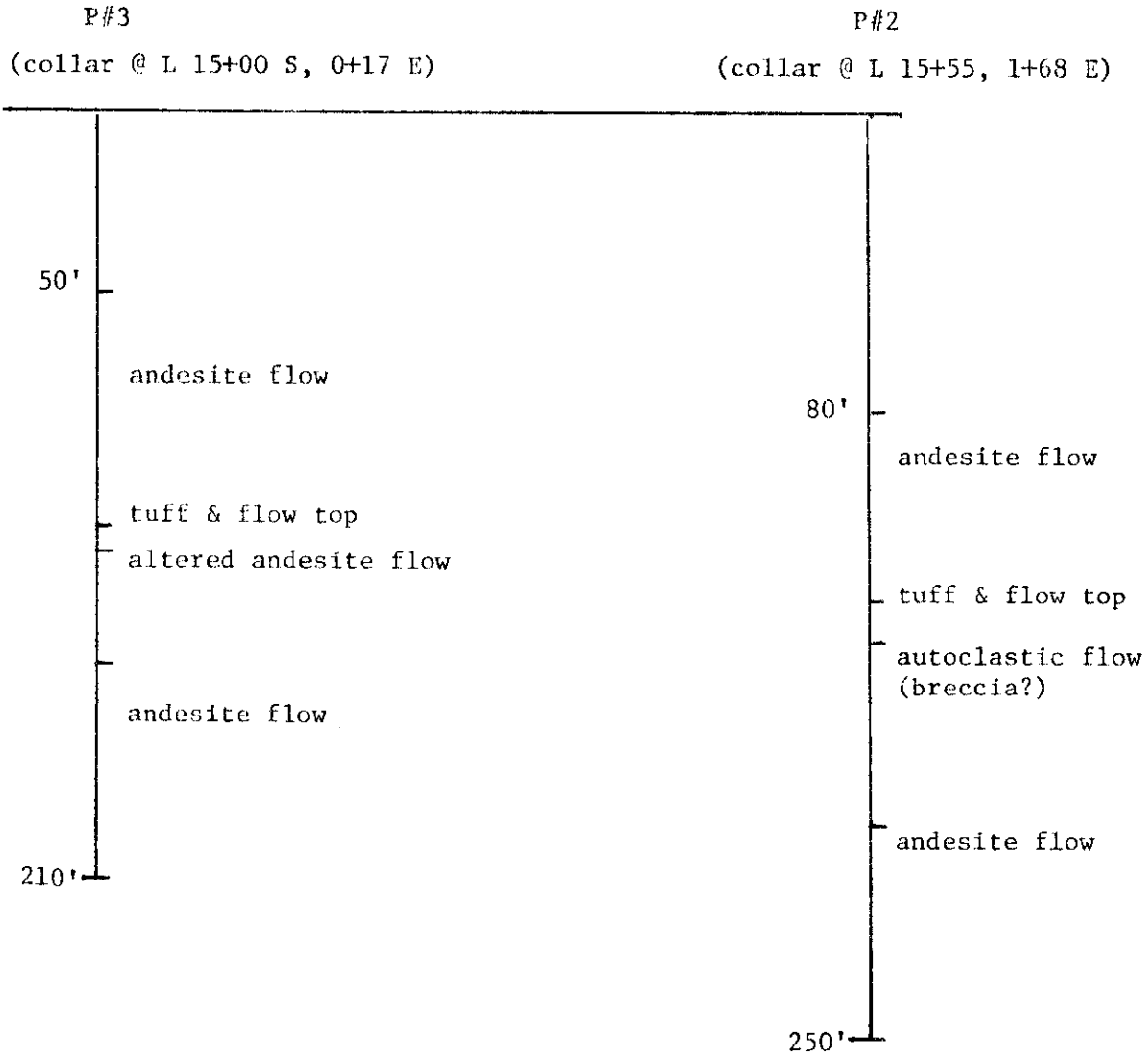


FIGURE 6

GREEN VALLEY MINE INC.

PERCUSSION DRILLING, 1980

KAMLOOPS, B. C.

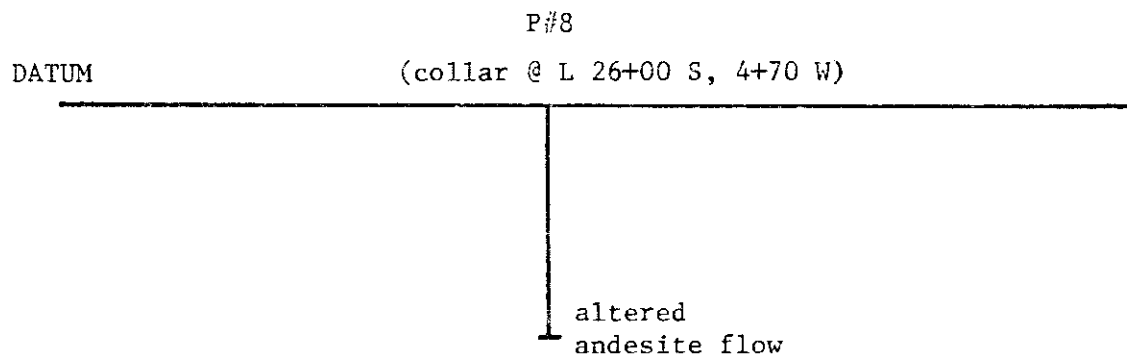
P.D.H. GENERALIZED SECTION

P#2, P#3

LOOKING N54°W

VERTICAL SCALE: 1" = 50 ft; HORIZONTAL SCALE: 1" = 50 m

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FIGURE 8

GREEN VALLEY MINE INC.
PERCUSSION DRILLING, 1980
KAMLOOPS, B. C.
P.D.H. GENERALIZED SECTION

P#8

LOOKING GRID NORTH SCALE 1" = 50 ft

ARCTEX ENGINEERING SERVICES DECEMBER 1980

cuttings intervals of 10 feet (with the exception of P#6 sample, 75-80 feet). Drill holes P#1, P#2 and P#3 (Cherise claim) were analyzed for molybdenum and copper values (ppm) as described above. Mercury values (ppb) were also determined for the deepest 10-foot interval of each of the eight holes.

Dominic North and South Claims

The relative abundance of copper decreases with depth, while that of zinc and lead increases in hole P#4. This appears to be related to oxidation with remobilization of quartz, which increases in intensity with depth. This same pattern is observed in the upper section of Hole P#7. The copper values are relatively lower and correspondingly, lead and zinc values slightly higher. Otherwise, geochemical abundances do not display trends.

Holes P#5, P#6 and P#8 have generally low metal values and lack patterns corresponding to lithology or alteration. Hole P#6 shows a small increase in copper (1.5 times background) between 100 to 120 feet, which correlates with the bottom (?) of a flow (chilled andesite). The values for lead and zinc do not indicate any change in abundance.

Cherise Claim

Values of copper and molybdenum for Holes P#1 to P#3 inclusive are generally low and without variation, with only slight increases in copper (to 1.5 times background). These relative increases in abundance coincide with different lithological units (P#2[130-140 feet]), separate andesite flows in P#2 (intervals 170 to 180 feet and 210 to 220 feet), and in P#1 (intervals 140 to 150 feet). This correlation is not indicative in Hole P#3, where the copper and molybdenum values remain relatively unchanged while both lithology and alteration vary over the length of the hole.

CONCLUSIONS

Geochemical results although generally low and flat can be correlated with (1) lithology: increases in copper (particularly) and molybdenum occur at the tops and/or bottoms of flows; and (2) oxidation/alteration (remobilization of quartz): as oxidation increases (with depth) the relative amount of copper decreases with depth (see Appendix B). The oxidation/alteration coincides with an unofficially reported maximum/minimum E.M. anomaly located over Holes P#4 and P#5. Also there is reportedly an I.P. anomaly located in the area, which was part of the rationale for drilling on the Dominic claims.

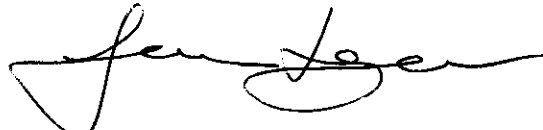
RECOMMENDATIONS

1. A study made of government magnetometer patterns in hopes of determining general structure or attitudes of the volcanics.
2. Additional geophysics, particularly I.P., magnetometer, and max-min E.M. surveys, is recommended for the area surrounding Holes P#4 and P#5 (Dominic North and South claims). I.P. should be commenced with 500' spreads, adjusted as suggested by initial results.
3. Deeper drilling (percussion) as warranted by results of steps 1 and 2.

COST ESTIMATE

Geophysical: I.P. survey (several km long, all inclusive)		\$ 3,500
Magnetometer survey		1,000
Max-min E.M.		2,500
Percussion Drilling: 2,500 ft, all inclusive cost os \$10/ft		25,000
Engineering, supervision		2,000
Reporting		2,000
Travel, room, board, supplies		2,000
	Subtotal	<u>\$38,000</u>
Contingencies @ 10%		3,800
	Total	<u>\$41,800</u>

All of which is respectfully submitted,



James M. Logan
Geologist


Vancouver, B. C.

December 21, 1980

STATEMENT OF QUALIFICATIONS

1. I, James M. Logan, or #1 - 1133 Harwood St., Vancouver, B. C., V6E 1R9, am a graduate of Brock University, Ontario, with a B.Sc. (Honours) degree in Geology.
2. I have been engaged in mining exploration for 5 years.
3. I have written the report entitled "Petrology and Geochemistry of Percussion Drilling, Dominic North, Dominic South and Cherise Mineral Claims, Kamloops Mining Division, Kamloops, B. C.", dated December 1980. The report is based on research conducted by the author.
4. I have no ownership in the property, nor do I own shares of Green Valley Mine Inc.
5. I consent to the use of this report in a prospectus or in a statement of material facts related to the raising of funds.

Respectfully submitted,



James M. Logan
Geologist

Vancouver, B. C.

December 21, 1980

REFERENCES

Cockfield, W. E. 1961. Geology and Mineral Deposits of Nicola Map-Area,
British Columbia. Geol. Surv. Can. Mem. 249.

Preto, V. A. 1979. Geology of the Nicola Group Between Merrit and Princeton,
B. C. Ministry of Energy, Mines & Pet. Res., Bull. 69.

COST STATEMENT

Percussion Drilling

Total footage 1570 ft	Total	\$10,217.78
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Geochemistry

108 chip samples - 48 analyzed for Mo, Cu

60 analyzed for Cu, Pb, Zn, Ag

8 analyzed for Hg

Total	939.39
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Research and Report Writing

L. Goldsmith - 3/4 day @ \$300/day	\$ 225
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J. Logan - 6.0 days @ \$200/day	\$1200
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Total	1,425.00
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Drafting / Report Typing

L. Borleske - \$116.00

Total	116.00
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TOTAL	\$12,698.17
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APPENDIX A

PETROGRAPHIC OUTLINE OF 1980 DRILLING PROGRAM

GREEN VALLEY MINE INC.

Hole No.: P#1
 Drilled: January 25, 1980
 Location: L 15+00 S 1+68 E (Cherise Claim)
 Attitude: Vertical
 Final Depth: 240 feet
 Logged By: J. M. Logan

Interval (ft)		Petrographic Outline
From:	To:	
90	100	Fine-grained, dark greenish grey diabasic textured basaltic (?) andesite euhedral to subhedral augite (40%) and plagioclase (55%). Hypocrystalline (<5% glass). Traces hematite coating fractures.
100	110	As above, calcareous, augite 45% plagioclase 50% mainly subhedral crystals. 2% calcite/carbonate grains.
110	120	Same as 90-100' interval, interstitial glass. Crystalline groundmass increased to 10%, crystallinity reduced to anhedral plagioclase and augite; 5% calcite grains, hematite stained.
120	130	As above, 50% anhedral augite and plagioclase slightly calcareous.
130	140	Sample reduced to grains <<0.5 mm of plagioclase and augite, greenish grey colour andesite.
140	150	Fine-grained, dark greenish-grey diabasic andesite, chloritized and carbonatized (slightly). 60% anhedral plagioclase, 40% anhedral to subhedral altered augite. Minor amounts euhedral transparent calcite crystals.
150	160	As above, alteration more intense. Augite→hornblende (uralite)→serpentine/chlorite. Calcareous, plagioclase→chlorite and/or rare epidote.
160	170	As above. 70% zoned euhedral plagioclase, light green colour. 30% altered augite to pseudomorphs of augite. Slickensides with serpentine coated fractures.
170	180	As above, sub doleritic textured.
180	190	As above, slightly finer grained, medium grey colour, reduced % augite (20%).

Hole P#1 (continued)

Interval (ft)		Petrographic Outline
From:	To:	
190	200	As above, seriate fabric, granular to diabasic texture. Plagioclase 68% altered to chlorite and epidote (minor) augite. 30% partially altering to uralite and chlorite with carbonate, releasing iron as hematite (1%).
200	210	As above interval 190-200'.
210	220	As above, plagioclase 80%, augite 15%. Small euhedral-subhedral crystals.
220	230	50% as interval 190-200; groundmass holocrystalline (plagioclase, chlorite). 50% dark grey fine-grained basalt/basaltic andesite, alteration as above, chloritized and carbonitized.
230	240	Fine-grained medium grey coloured doleritic textured andesite. 40% plagioclase and 40% altered and unaltered augite in groundmass of plagioclase and glass.
240		End hole.

Hole No.: P#2
 Drilled: January 26, 1980
 Location: L 14+55 S 1+68 E (Cherise Claim)
 Attitude: Vertical
 Final Depth: 250 ft
 Logged By: J. M. Logan

Interval (ft)

From:	To:	Petrographic Outline
80	90	Fine-grained, dark greenish grey diabasic textured andesite, slightly calcareous, 70% plagioclase mainly anhedral, zoned and white coloured. 30% augite, 10% of which is large euhedral crystals, slightly chloritic.
90	100	As above, 80% plagioclase.
100	110	As above.
110	120	As above, seriate fabric, granular to diabasic texture, hypocrySTALLINE groundmass. One fragment contains 2% disseminated pyrite.
120	130	As above, slightly more leucose.
130	140	Bimodal, 60% light brownish to hematite red coloured calcareous welded crystal tuff. Altered, particularly augite to uralite, with chlorite and carbonate pseudomorphing. 40% fine-grained green-grey andesite flow (as above interval 80-90). One fragment contains 1% disseminated pyrite (tuff).
140	150	Fine-grained, medium grey granular textured andesite auto-clastic flow. As above interval 130-140. Plagioclase altering to chlorite, epidote.
150	160	As above - 50% hematitic groundmass; 50% chloritic groundmass.
160	170	As above interval 150-160.
170	180	Autoclastic flow - 70% chloritic (green) groundmass; 30% hematitic (tan-red) groundmass.
180	190	As above interval 170-180.
190	200	Fine-grained medium grey granular to diabasic textured andesite flow, calcareous. 70% altered (leached appearance) chloritic, carbonitized, hematite released from pyrite. 30% altered (chloritic green).

Hole P#2 (continued)

Interval (ft)		Petrographic Outline
From:	To:	
200	210	As above, percentages reversed - 65% chloritic, less altered; 30% bleached altered; 5% plagioclase grains (white).
210	220	Dark greenish-grey fine-grained granular to diabasic (minor) textured andesite flow. Chlorite attacking augite (top of flow).
220	230	As interval 210-220.
230	240	As interval 210-220.
240	250	As interval 210-220.
250		End hole.

Hole No.: P#3
 Drilled: January 29, 1980
 Location: L 15+00 S 0+17 W (Cherise Claim)
 Attitude: Vertical
 Final Depth: 210 ft
 Logged By: J. M. Logan

Interval (ft)

From:	To:	Petrographic Outline
50	60	Fine-grained, medium dark grey, diabasic textured basaltic (?) andesite, 75% euhedral to subhedral zoned, white to green coloured plagioclase. Augite 20% mainly anhedral, 5% glass with trace amounts hematite, <1% chlorite, slightly calcareous.
60	70	Fine-grained dark greenish-grey diabasic to ophitic textured andesite. Augite 50%, euhedral to poikiloblastic (with calcite), plagioclase 40% euhedral zoned laths in groundmass of glass surrounded by augite, trace calcareous. One fragment exhibits fluxion structure.
70	80	As above interval 50-60; diabasic texture, slightly calcareous.
80	90	As above interval 50-60.
90	100	As above interval 50-60; augite 30%, plagioclase 65%.
100	110	As above interval 90-100, calcareous, 15-20% augite, 84-79% plagioclase. Small amount of interstitial groundmass.
110	120	Bimodal - 48% fine-grained, dark greenish-grey diabasic textured andesite, altered (chlorite, carbonate), slightly calcareous. 48% fine-grained, leached appearance, hematitic stained, altered, calcareous breccia/tuff? Rounded anhedral grains of altered volcanic rock in chloritic glassy matrix (welded tuff?). 4% plagioclase grains (white).
120	130	Trimodal - 58% altered fine-grained dark greenish-grey andesite flow. 30% plagioclase grains (white). 10% hematite and/or chloritic stained leucose altered breccia/tuff. 2% calcite.
130	140	As above interval 120-130. 55% altered andesite flow, chlorite/serpentine alteration with carbonate. 35% plagioclase.
140	150	10% calcite grains. As above interval 130-140.
150	160	Fine-grained dark greenish-grey diabasic textured andesite flow. Alteration only slight compared to above. 5% plagioclase grains, 1% calcite grains.

Hole P#3 (continued)

Interval (ft)		Petrographic Outline
From:	To:	
160	170	As above interval 150-160, slightly hematitic augite 10%, plagioclase 70%, 20% chlorite and epidote. All mainly subhedral crystals.
170	180	As above interval 150-160. 90% slight alteration, chloritic, calcareous. 5% serpentine/chlorite alteration, friable waxy lustre. 5% plagioclase (unaltered) and calcite.
180	190	As above interval 150-160. Andesite flow calcareous, chloritic (minor epidote).
190	200	As above interval 150-160.
200	210	As above interval 150-160.
210		End hole.

Hole No.: P#4
 Drilled: January 31, 1980
 Location: L 0+00 4+75 W (Dominic South Claim)
 Attitude: Vertical
 Final Depth: 190 ft
 Logged By: J. M. Logan

Interval (ft)

From:	To:	Petrographic Outline
30	40	Fine-grained, dark greenish-grey diabasic to ophitic textured andesite/basaltic andesite? Several fragments of vesicular basalt filled with olivine and/or chlorite.
40	50	Bimodal - 50% fine-grained, greenish-grey diabasic textured andesite, augite altered to uralite, chlorite and calcite. Plagioclase altering to epidote. 50% fine-grained light brown altered andesite. Propylization-reduced ferromagnesium to biotite (minor), clay, plagioclase, limonite stained, friable. Trace pyrite and quartz.
50	60	Mainly fine-grained, dark greenish-grey granular to diabasic textured altered andesite. Augite phenocrysts altered to chlorite/serpentine, plagioclase to epidote and chlorite, calcareous.
60	70	Bimodal - 20% as above interval 50-60. 80% limonite stained oxidized andesite only trace ferromagnesium represented by biotite. Leached appearance with few % quartz (alteration product).
70	80	As above interval 60-70. 40% propylitized andesite; 60% limonite stained oxidized andesite.
80	90	As above interval 40-50.
90	100	As above interval 40-50. 85% dark greenish-grey, very fine-grained granular mainly to diabasic textured andesite flow. Altered slightly chlorite, carbonate and minor epidote. 15% limonite stained, ferromagnesium poor, oxidized andesite flow.
100	110	Bimodal as above interval 40-50.
110	120	As above interval 90-100.
120	130	As above interval 50-60. Slightly calcareous, augite altered to uralite, chlorite with carbonate, plagioclase to epidote, holocrystalline chloritic groundmass. Euhedral calcite coating fractures, propylitized flow.

Hole P#4 (continued)

Interval (ft)		Petrographic Outline
From:	To:	
130	140	As above interval 50-60.
140	150	Bimodal, as above interval 40-50.
150	160	As above interval 60-70. 90% limonitic stained, oxidized andesite; 10% less altered andesite; <1% calcite (fracture coatings?).
160	170	Limonite stained, bleached (altered) oxidized andesite. Reducing ferromagnesium to minor amounts. Biotite, plagioclase to clay minerals. Limonite derived from secondary pyrite.
170	180	As above interval 60-70.
180	190	As above interval 60-70. Several fragments of more calcic comp. diabasic textured, euhedral plagioclase and augite in holocrystalline groundmass. Augite has alteration rims releasing hematite. Calcite coats fracture surfaces.
190		End hole.

Hole No.: P#5
 Drilled: February 1, 1980
 Location: L 0+00 5+25 W (Dominic South Claim)
 Attitude: Vertical
 Final Depth: 170 ft
 Logged By: J. M. Logan

Interval (ft)

From:	To:	Petrographic Outline
90	100	Bimodal - 50% fine-grained, light brown, limonitic stained, oxidized andesite, minor ferromagnesium <5% plagioclase altering to clay minerals. 50% fine-grained light olive grey colour diabasic textured altered andesite. Augite altering to uralite (minor) and chlorite; plagioclase altering to epidote and chlorite (propylitized).
100	110	Bimodal 50% as above interval 90-100.
110	120	As above interval 90-100. 1% euhedral crystals of calcite (fracture coatings) alteration product.
120	130	As above interval 90-100. Limonitic stained tuff (?).
130	140	As above interval 90-100.
140	150	As above interval 90-100.
150	160	75% fine-grained olive grey porphyritic andesite, euhedral laths of zoned plagioclase 50%, chlorite/serpentic and carbonate and remanent uralite pseudomorphing augite crystalls 15%, in glassy groundmass (35%), one-half of which is hematite and one-half chlorite. 10% limonitic stained, oxidized andesite; 10% plagioclase grains; 5% calcite grains. One fragment of crystal tuff, slightly chloritic, ferromagnesium unaltered.
160	170	Fine-grained olive grey, calcareous diabasic textured andesite, slightly altered. Plagioclase (65%) euhedral zoned, greenish white coloured, augite (25%) euhedral crystals, altering clay crystal edges to uralite and calcite. Groundmass (10%) of hematitic and/or chlorite/epidote. Hematitic groundmass exhibits more alteration of plagioclase and ferromagnesiums (only relic pseudomorphs filled with chlorite/serpentine) propylitized.
170		End hole.

Hole No.: P#6
 Drilled: February 2, 1980
 Location: L 0+00 5+75 W (Dominic South Claim)
 Attitude: Vertical
 Final Depth: 300 ft
 Logged By: J. M. Logan

Interval (ft)		Petrographic Outline
From:	To:	
75	80	Very fine-grained olive grey coloured (chilled?), altered basaltic (?) andesite. 85% chlorite/epidote groundmass containing 10% plagioclase altering to epidote and 5% ferromagnesium augite→uralite, minor hematite and magnetite.
80	90	As above interval 75-80, diabasic texture. 5% ferromagnesiums, too small to identify.
90	100	As above interval 75-80.
100	110	As above interval 75-80.
110	120	As above interval 75-80, groundmass 75% altered containing chlorite, epidote, calcite and saussurite with minor hematite.
120	130	85% as above interval 110-120. 15% as above interval 110-120 granular texture, rounded grains plagioclase in a calcareous groundmass varying from hematitic red to light tan in colour. <1% euhedral transparent crystals of calcite (flow tap? autoclastic/breccia).
130	140	As above interval 120-130. Percentage change 65% as interval 110-120; 35% hematite to tan colour.
140	150	As above interval 130-140. 50% green groundmass (propylitized); 50% light red to brown groundmass. Ferromagnesiums altering to chlorite, calcite and serpentine epidote pseudomorphing plagioclase partly or completely.
150	160	Fine-grained, olive grey, calcareous granular textured andesite, minor hematite, red coloured groundmass, plagioclase phenocrysts euhedral to anhedral, zoned and altered varying degrees to epidote augite to hornblende (uralite), chlorite trace calcite crystals, minor titaniferous? magnetite unaltered.
160	170	As above interval 150-160. Slightly more altered, more leucose. Calcareous.

Hole No. P#6 (continued)

Interval (ft)

From:	To:	Petrographic Outline
170	180	As above interval 150-160. Hypidiomorphic fabric, 15% plagioclase grains.
180	190	As above interval 140-160. % reduced due to 25% plagioclase grains.
190	200	Fine-grained green and/or hematitic red groundmass of glass and altered euhedral crystals of plagioclase and ferromagnesium. Contains larger phenocrysts of unaltered white plagioclase and augite slightly calcareous, andesite flow.
200	210	As above interval 190-200.
210	220	Fine-grained light grey to dark bright green granular to diabasic textured andesite, subhedral to euhedral plagioclase altering to epidote/chlorite, augite only minor amounts, relatively fresh.
220	230	As above interval 210-220.
230	240	As above interval 210-220.
240	250	As above interval 210-220.
250	260	As above interval 210-220.
260	270	As above interval 210-220.
270	280	As above interval 210-220.
280	290	As above interval 210-220.
290	300	As above interval 210-220.
300		End hole.

Hole No.: P#7
 Drilled: February 3, 1980
 Location: L 0+00 4+25 W (Dominic South Claim)
 Attitude: Vertical
 Final Depth: 150 ft
 Logged By: J. M. Logan

Interval (ft)

From:	To:	Petrographic Outline
30	40	Fine-grained, tan grey, bleached, seriate fabric, holocrystalline crystal tuff (andesitic-dacitic).
40	50	50% as above interval 30-40; 50% fine-grained olive grey diabasic textured, calcareous, andesite. Augite altering to chlorite and carbonate. Plagioclase altering to epidote.
50	60	Andesite crystal tuff, welded tuff. Angular fragments of green fine-grained andesite and rounded grains of altered plagioclase and augite altering to hornblende to chlorite with minor hematite. Calcareous.
60	70	As above interval 50-60.
70	80	As above interval 50-60.
80	90	Fine-grained, olive grey granular textured andesite flow, allotriomorphic to idiomorphic fabric. Alteration less extensive.
90	100	As above interval 80-90.
100	110	Fine-grained, andesite flow, green to brownish red holocrystalline groundmass altered in places, epidote→chlorite and quartz. Contains white euhedral to subhedral plagioclase crystals (70%), minor alteration to epidote, augite (20%) relatively fresh or slightly altered-uralite calcareous.
110	120	As above interval 100-110, generally finer grained.
120	130	As above interval 100-110, more leucose, less ferromagnesium.
130	140	As above interval 120-130.
140	150	As above interval 120-130.
150		End hole.

Hole No.: P#8
Drilled: February 4, 1980
Location: L 26+00 S 4+70 W (Dominic South Claim)
Attitude: Vertical
Final Depth: 60 ft
Logged By: J. M. Logan

Interval (ft)

From: To: Petrographic Outline

?	60	Dark yellowish brown sample, fine-grained, grey-green daibasic textured calcareous andesite, seriate fabric, alteration ranging from replacement to reaction rims - plagioclase to epidote, chlorite, augite to hornblende - chlorite and carbonate, leucoxene, hematite, minor amount of limonite stain, oxidized andesite flow.
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APPENDIX B



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-

Green Valley Mine Incorp.
 2245 West 13th Ave.
 Vancouver, B C V6K 2S3
 Attention: Mr. Charles Boitard

Report No: 80 40 001 Page 1 of 3
 Samples Arrived: Feb 13, 1980
 Report Completed: Feb. 21, 1980
 For Project: Dominic 1980
 Analyst: ET, EH
 Invoice #5438 Job #80009

Sample Marking	Mo ppm	Cu ppm	Hg ppb		
#1 90 - 100	5	95			
100 - 110	3	72			
110 - 120	3	95			
120 - 130	3	98			
130 - 140	4	110			
140 - 150	3	105			
150 - 160	2	92			
160 - 170	3	80			
170 - 180	2	70			
180 - 190	2	65			
190 - 200	3	60			
200 - 210	2	85			
210 - 220	2	62			
220 - 230	2	68			
#1 230 - 240	2	62	10		
#2 80 - 90	3	95			
90 - 100	2	85			
100 - 110	2	75			
110 - 120	2	85			
120 - 130	2	85			
130 - 140	2	115			
140 - 150	2	100			
150 - 160	2	95			
160 - 170	2	100			
170 - 180	3	125		Cu = 125	
180 - 190	2	115			
190 - 200	2	90			
200 - 210	2	90			
210 - 220	2	145			
220 - 230	3	113			
230 - 240	2	90			
#2 240 - 250	2	123	50		
#3 50 - 60	2	76			
60 - 70	2	85			
70 - 80	3	80			
80 - 90	3	75			
90 - 100	2	75			
100 - 110	2	87			
#3 110 - 120	1	70			

REMARKS:

Signed:

% Mo x 1.6683 = % MoS₂

1 Troy oz./ton = 34.23 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.
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NORTH VANCOUVER, B.C.,
CANADA V7P 2S3

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AREA CODE: 604

Certificate of Geochemical Analyses

• Specialising in Trace Elements Analyses •

-IN ACCOUNT WITH-

Green Valley Nime Incorp.

Report No: 80 40 001 Page 2 of 3
Samples Arrived:
Report Completed:
For Project: Dominic 1980
Analyst:

Attention:

Sample Marking	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag* ppm	Hg ppb
#3 120 - 130	2	63				
130 - 140	2	75				
140 - 150	3	73				
150 - 160	2	85				
160 - 170	1	70				
170 - 180	2	66				
180 - 190	1	85				
190 - 200	2	100				
#3 200 - 210	2	75				20
#4 30 - 40		60	12	45	0.3	
40 - 50		77	16	60	nd	
50 - 60		87	14	60	nd	
60 - 70		67	16	49	0.1	
70 - 80		63	15	56	nd	
80 - 90		65	14	52	nd	
90 - 100		63	16	56	nd	
100 - 110		58	16	58	0.2	
110 - 120		67	16	55	nd	
120 - 130		65	16	55	0.2	
130 - 140		70	15	56	0.1	
140 - 150		58	16	58	0.1	
150 - 160		40	15	65	nd	
160 - 170		25	20	85	nd	
170 - 180		23	17	84	nd	
#4 180 - 190		20	20	78	nd	130
#5 90 - 100		73	16	50	nd	
100 - 110		64	16	48	nd	
110 - 120		70	16	50	nd	
120 - 130		73	15	50	nd	
130 - 140		60	15	50	0.1	
140 - 150		55	15	49	nd	
150 - 160		73	14	51	0.1	
#5 160 - 170		73	15	54	0.4	35
#6 75 - 80		82	21	100	0.2	
80 - 90		95	17	48	0.3	
90 - 100		90	19	50	0.2	
100 - 110		145	16	48	0.1	
110 - 120		100	17	60	0.5	
#6 120 - 130		90	17	54	0.2	

REMARKS:

Ag* - Ag background corrected.

Signed: 

% Mo x 1.6683 = % MoS₂

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: 985-5211
 AREA CODE: 604

Certificate of Geochemical Analyses

• Specialising in Trace Elements Analyses •

- IN ACCOUNT WITH -

Green Balley Mine Incomp.

Report No: 80 40 001

Page 3 of 3

Samples Arrived:

Report Completed:

For Project:

Dominic 1900

Attention:

Analyst:

Sample Marking	Cu ppm	Pb ppm	Zn ppm	Ag* ppm	Hg ppb
#6 130 - 140	75	15	57	0.2	
140 - 150	80	16	59	0.2	
150 - 160	95	17	58	0.4	
160 - 170	90	19	63	0.5	
170 - 180	70	17	58	0.1	
180 - 190	60	15	55	nd	
190 - 200	65	16	58	nd	
200 - 210	75	16	57	nd	
210 - 220	80	17	57	0.2	
220 - 230	55	15	52	0.1	
230 - 240	50	17	52	nd	
240 - 250	54	16	55	0.4	
250 - 260	45	15	55	0.4	
260 - 270	50	16	55	nd	
270 - 280	45	16	55	0.3	
280 - 290	52	16	60	nd	
#6 290 - 300	50	15	56	0.1	40
#7 30 - 40	60	20	65	nd	
40 - 50	48	19	56	nd	
50 - 60	48	17	60	nd	
60 - 70	45	38	51	0.2	
70 - 80	48	21	50	nd	
80 - 90	50	18	52	0.1	
90 - 100	52	21	57	nd	
100 - 110	50	17	55	0.4	
110 - 120	50	18	54	0.4	
120 - 130	48	17	50	nd	
130 - 140	55	17	55	0.3	
#7 140 - 150	50	16	47	0.3	115
#8 60 ft.	90	12	55	nd	300

REMARKS: Ag* - Ag background corrected.

Signed:

% Mo x 1.6683 = % MoS₂

1 Troy oz / ton = 31.23 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.