84-#40 – #12434
01/85

ASSESSMENT REPORT

ON THE

GOLD MOUNT, GAIL GOLD, WELDONNA, BONANZA GOLD, ACE,

GOLD CREEK AND FORMER BONANZA QUEEN-NEVADA

MINERAL CLAIM GROUP

RECORD NOS. 511(2), 1381, 1382(3), 340, 341, 344, 573(5)

GRASSHOPPER MOUNTAIN - TULAMEEN RIVER AREA

SIMILKAMEEN MINING DIVISION

TULAMEEN, BRITISH COLUMBIA

N. Lat. 49°33' W. Long. 120°54'

92-H-10W

for

MONICA RESOURCES LTD.
Suite 1020
475 Howe Street
Vancouver, British Columbia

by

DONALD W. TULLY, P. ENG.

December 12, 1983 West Vancouver, B.C.

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

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DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

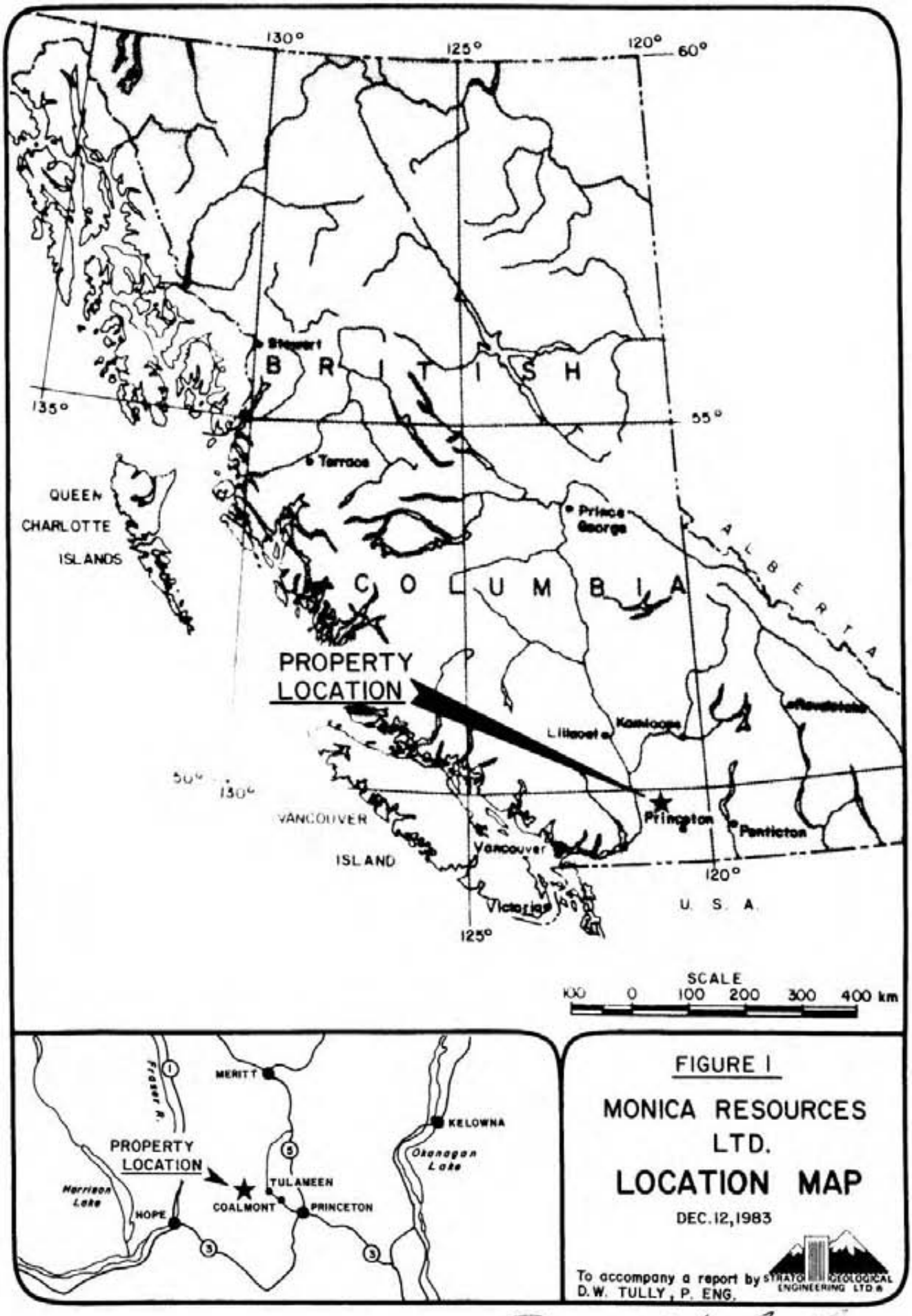

FIGURE 1

MONICA RESOURCES LTD.

LOCATION MAP

DEC. 12, 1983

To accompany a report by D.W. TULLY, P. ENG.

STRATOS GEOLOGICAL ENGINEERING LTD.

Drawn by Beth

INTRODUCTION

This assessment report was prepared pursuant to a request by the Directors of Monica Resources Ltd., Suite 1020, 475 Howe Street, Vancouver, British Columbia.

The purpose of this report is to review and summarize the available information and the mineral development work done on the ground held by the Gold Mount, Gail Gold and Weldonna, Ace, Gold Creek and the Bonanza Gold, Bonanza-Queen and Nevada reverted crown grant mineral claims.

This assessment report is based upon personal field examinations made on May 10, 1981, and June 4, October 29, and December 3, 1983.

A program of mineral exploration is recommended.

SUMMARY AND CONCLUSIONS

The property is located on the east-southeast slope of Grasshopper Mountain about four miles west of Tulameen, British Columbia.

The claim group comprises seven mineral claims consisting of thirty-two units on the north side of the Tulameen River.

Road access to the ground is readily available by motor vehicle using 4 WD equipment.

The property is underlain by three lithological units, namely, Nicola metavolcanics and sediments, intrusive phases of the Eagle granodiorite and the Tulameen ultrabasic complex.

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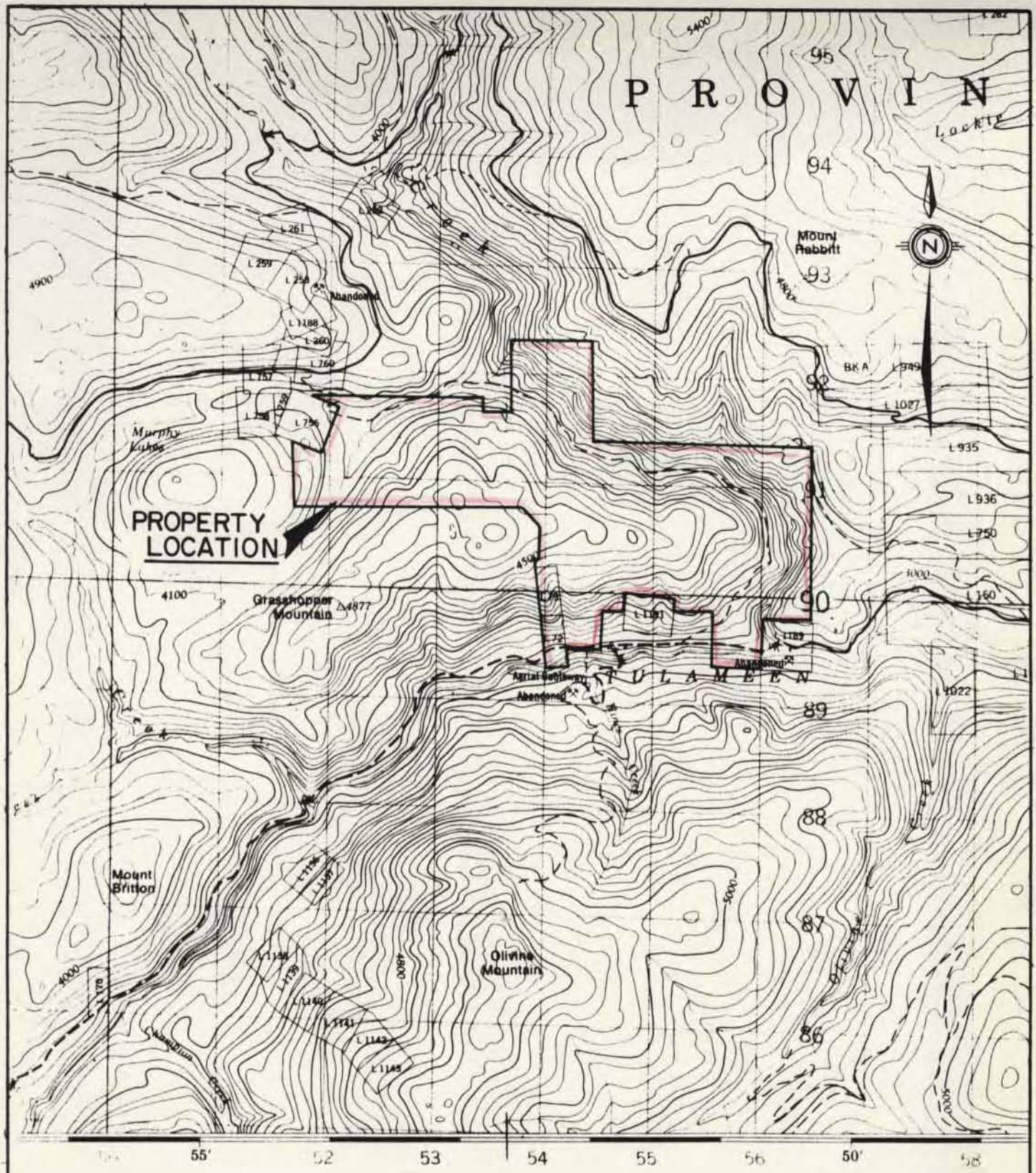


FIGURE 2

MONICA RESOURCES LTD.

TOPOGRAPHIC MAP

SIMILKAMEEN M. D. N.T.S. 92 H/10 W

To accompany a report by D. W. TULLY P. ENG.

DEC 12, 1983

0 1000 2000 m

Donald W. Tully

The history of the property dates back to 1887 when gold was discovered on the Bonanza-Queen and Nevada crown grant mineral claims, now reverted, by Messrs. Rabbitt, Fell and Jensen. An underground tunnel was then driven to develop the high-grade gold vein. The Rabbitt Mine is located about 6,000 feet north of the Bonanza-Queen and was probably discovered about the same time. Underground development was carried out at the Rabbitt Mine between 1937 and 1941 when operations ceased during World War 2. Production was reported for the year 1940 to be 924 ounces of gold and 514 ounces of silver from 1,361 tons of ore. Additional tonnages of high-grade gold ore was also reported shipped in 1938 and again in 1941. Some 1,150 feet of drifting, 110 feet of crosscutting and 350 feet of raising was reported done in the underground workings.

The property does not appear to have been previously tested by diamond drilling.

A program of surface prospecting, geochemical soil sampling, geophysical surveying and a modest program (146 metres in three holes) of diamond drilling was carried out in the immediate area of the Rabbitt Mine during October - November, 1983. The results showed:

(a) Significant values in gold from surface chip samples on quartz-ankerite vein structures. Gold assays up to 1.22 ounces across vein widths of 1.83 metres (6 feet) were found.

(b) One diamond drill intersection showed 1.65 ounces of gold over a core length of 1.83 metres (6 feet).

(c) Significant gold values appear to be associated mainly with folded and faulted vein structures.

(d) High gold values were found in the soil in the area of known gold-bearing veins.

It is concluded the environs of the Rabbitt Mine warrant a thorough program of diamond drill testing and some geophysical surveying. The remainder of the total claim area also warrants further mineral exploration and development.

A two-phase program of detailed diamond drilling in the area of the Rabbitt Mine and geophysical and geochemical exploration during summer field conditions over the remainder of the property is recommended at a total estimated cost of $395,400.

PROPERTY - LOCATION, ACCESS, PHYSIOGRAPHY AND ENVIRONMENTAL CONSIDERATIONS

The property consists of seven mineral claims comprising thirty-two claim units located about six kilometres west of Tulameen, British Columbia.

The claims are named the Gold Mount, Gail Gold, Weldonna, Bonanza Gold, Ace, Gold Creek, and the former crown grant mineral claims called the Bonanza Queen (lot 72) and the Nevada (lot 79), now reverted.

The claim group is situated on the northeast and south-facing slopes of Grasshopper Mountain on the north side of the Tulameen River.

Tulameen is located about 25 kilometres northwest of Princeton, British Columbia.

Access to the claims is available by motor vehicle along a gravel road leading west from the town of Tulameen. The Bear Creek road provides access to the higher elevations

of the claim group. Alternate access is available via Lawless Creek along newly constructed logging roads.

A 4 WD vehicle is required.

Elevations over the property vary from about 2,800 in the valley of the Tulameen River to over 4,500 feet above sea-level on the northwest sector of the claim area. The property surface slopes towards the south and east rather steeply.

Stands of marketable timber cover the claimed ground.

CLAIMS

Seven mineral claims, which include thirty-two claim units, comprise the claim group. The property is located about six kilometres west of the town of Tulameen, British Columbia.

The claims are situated in the Similkameen Mining Division. Information from the Gold Commissioner's office at Princeton on December 12, 1983 was as follows:

Claim Name	Record No.	Units	Expiry Date	Recorded Owner
Gold Mount	340(5)	2x4 = 12	May 8, 1985	D. Javorsky
Gail Gold	341(5)	2x4 = 4	May 8, 1985	D. Javorsky
Weldonna	344(5)	1	May 8, 1985	D. Javorsky
Bonanza Gold	573(5)	2x1 = 2	May 11, 1985	D. Javorsky
Bonanza-Queen) and Nevada)	511(2)	1	February 12, 1986	D. Javorsky
Ace	1381(3)	2x4 = 8	March 16, 1985	Farwest Energy
Gold Creek	1382(3)	2x2 = 4	March 16, 1985	Farwest Energy
		32		

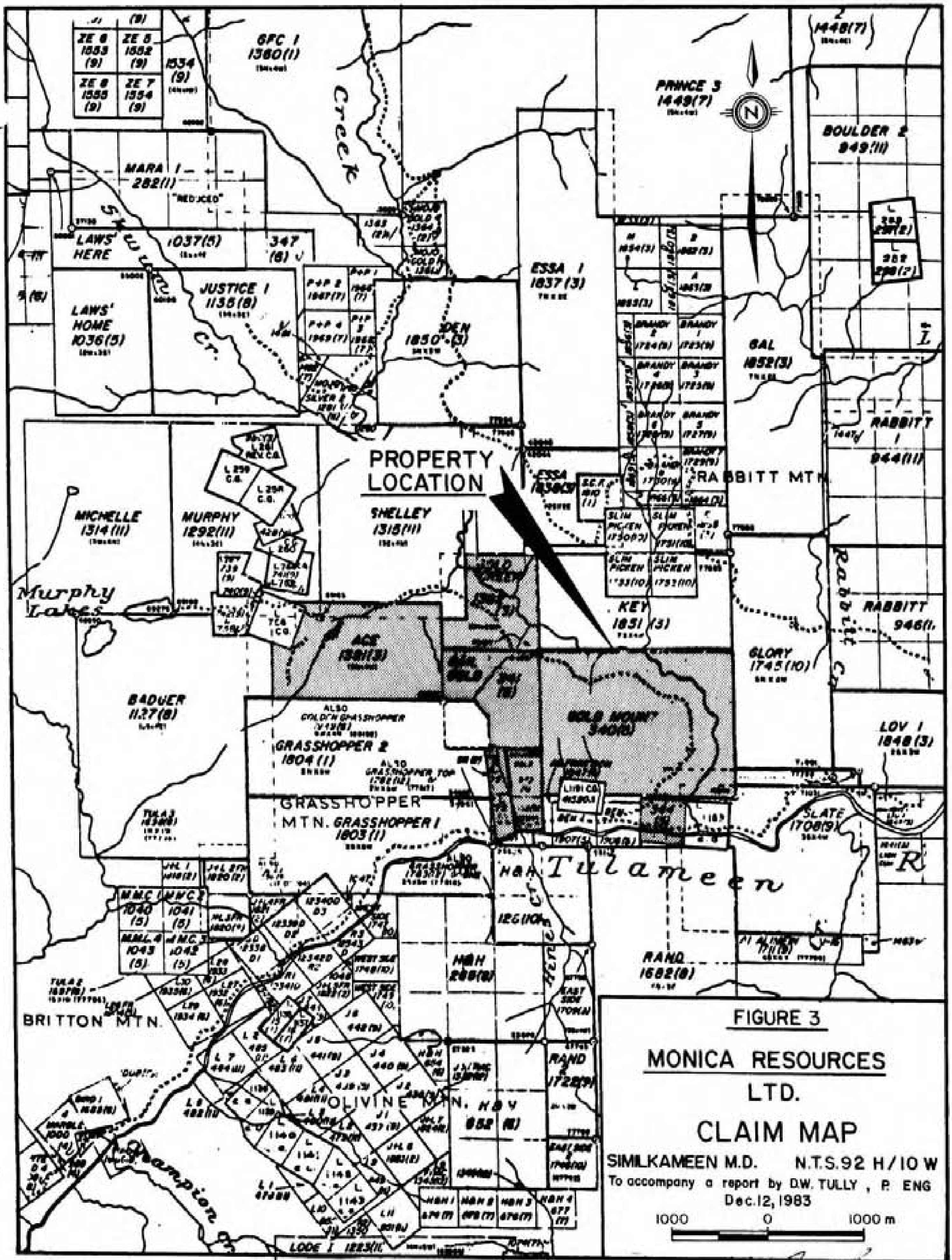

PROPERTY LOCATION
Creek
MARA 1 282(1)
LAWS' HERE
1037(5)
JUSTICE 1 1135(8)
LAWS' HOME 1036(5)
ESSA 1 1837(3)
PRINCE 3 1449(7)
BOULDER 2 949(11)
GAL 1852(3)
RABBITT 1 944(11)
RABBITT MTN.
RABBITT 946(1)
Rabbitt Cr.
MICHELLE 1314(11)
MURPHY 1292(11)
SHELLEY 1318(11)
Murphy Lakes
ACE 1381(3)
KEY 1851(3)
GLORY 1745(10)
GOLD MOUNT 340(6)
BADUER 1127(8)
GRASSHOPPER 2 1804(1)
GRASSHOPPER MTN. GRASSHOPPER 1 1803(1)
LOV 1 1848(3)
SLATE 1708(9)
Tulameen
R
H&H 289(8)
RAND 1682(8)
RAND 1728(9)
BRITTON MTN.
OLIVINE MTN.
H&Y 852(8)
LODE 1 1223(1)

FIGURE 3

MONICA RESOURCES LTD.

CLAIM MAP

SIMILKAMEEN M.D. N.T.S. 92 H/10 W

To accompany a report by D.W. TULLY, P. ENG

Dec. 12, 1983

1000 0 1000 m

The claims appear to be contiguous and are shown on British Columbia mineral claim map M92-H-10W (Figure 3). The Bonanza-Queen and Nevada is a reverted crown grant mineral claim from lots 72 and 79.

Placer mining rights are held along the Tulameen River and on Lawless Creek in the claim group area.

HISTORY - PREVIOUS DEVELOPMENT

Four prospects are known in the claim area, namely, the former Bonanza Queen and Nevada crown grants, the Rabbitt Mine, the Old Glory Group and the Sunrise Group.

The Bonanza Queen and Nevada former crown grant mineral claims were first claimed by Messrs. Rabbitt, Fell and Jensen in 1887. These claims were prospected by Thos. Rabbitt and a tunnel was driven on the lower Bonanza-Queen claim to develop a quartz lode structure. Assays of $50 - $100 per ton in gold with $15 in silver at the prevailing metal prices were reported from this work.

The Bonanza-Queen claim was crown-granted in 1892.

An important gold mineralized structure, occurring on the present claim group, is the former Rabbitt Mine. This former mine is located in the northwest sector of the property in the area of the Gail Gold claim. Geological Survey of Canada Memoir 243, describes the mine development on page 99, as follows:

" LOCATION AND HISTORY: The Rabbitt property, owned by P. and T. Rabbitt of Tulameen, is at an elevation of about 4,000 feet on the northeast slope of Grasshopper Mountain overlooking Lawless Creek at a point a mile

Adit (caved)

Road

1090

1110

1130

1150

1170

1190

1210

trail

1+00 E

0+50 E

0+00 Base Line

Adit (caved)

0+50 N

0+00

0+50 S

1+00 S

D, D_1

N

DDH-2-83
Dip-59°
EOH-61.72 m

DDH-1-83
Dip-45°
EOH-51.0 m

DDH-3-83
Dip-47°
EOH-33.68 m

A

B, B_1

C, C_1

E, E_1

F

G

H

H_1

H_{II}

I

J

K

L

M

core shack

ASSAY RESULTS

Sample	Au (oz/st)	Width (m)
A	0004	Grab
B	0.30	2.20
B_1	1.22	1.83
C	0.13	Grab
C_1	0.32	1.70
D	0.27	1.37
D_1	0.68	Grab
E	1.78	1.00
E_1	1.04	1.00
F	0.23	1.00
G	0.62	1.00

DRILL RESULTS

H	1.65	from 27.58 to 29.41
H_1	0.23	from 15.70 to 16.61
H_{II}	0.03	from 9.35 to 9.87
I	0.01	from 4.50 to 5.49
	0.006	from 6.10 to 6.40
	0.004	from 6.40 to 6.86
	0.005	from 8.23 to 8.53
J	0.099	from 10.67 to 11.43
K	0.043	0.80
L	0.001	0.75
M	0.02	Grab
N	0.087	Grab

Scale

10 0 25 m

FIGURE 4

LEGEND

Trench

Vein

Contour interval 20 metres

All locations subject to survey

MONICA RESOURCES LTD.

SMILKAMEEN M.D. - N.T.S. 92H/12 W

PRINCETON, B.C.

SURFACE PLAN

" from its junction with Tulameen River. It was located in 1938 by the Rabbitt brothers, who the same year shipped 5 tons that returned $724 in gold. In the following year, Grasshopper Mines, Limited, was incorporated to work the property, and in 1940, 1,361 tons of ore was mined from which 924 ounces of gold and 514 ounces of silver were recovered.

GEOLOGY: The mineral deposits occur in volcanic rocks of the Nicola group, which are traversed by a wide, intensely sheared zone that follows the east margin of the Eagle granodiorite. The situation is further complicated on the Rabbitt property by the intrusion of the Olivine Mountain ultrabasic body, the contact of which lies about a mile southwest of the workings. On the property are several quartz veins with a general northerly strike and a steep dip. The veins are composed of glassy quartz, and vary in width from a few inches to 6 feet, averaging 3 or 4 feet. They are not composed entirely of quartz, the wider sections becoming lodes rather than veins and consisting rather of highly brecciated wall-rock cemented with quartz, which constitutes around 75 per cent of the vein material. The volcanic rock forming the fragments has been largely carbonatized, and a similar carbonatization extends into the walls of the veins for distances up to 10 feet. The quartz carries free gold, an undetermined telluride mineral, chalcopyrite, pyrite, galena, and sphalerite, but all in very small amounts, and much of the veins is quite barren.

Adits and a deep surface cutting have developed a section 85 feet long of the vein on which most work has been done. It was from this section that most of the ore had been shipped. At the northern end of this

" section the vein swings from north 45 degrees east to about north 25 degrees west for about 275 feet. It varies from 1 foot to 6 feet in width, but is reported to be low grade where it is widest. Several other veins have been exposed by open-cuts, but the average values in them are low. "

The Annual Report of the Minister of Mines for the year 1940 on page 61 reported on this property which was known at that time as the Grasshopper Mine as follows:

" Lloyd Kissick, Superintendent. This company operates the property known generally as the "Rabbitt Group", located 8 miles from the town of Tulameen, on the west bank of the Tulameen River. The property is accessible by good road from Tulameen. The property was located by the Rabbitt Bros. in 1938. Several truck-loads of selected ore were mined from the surface and shipped during that year. The property was optioned and mining machinery was installed. During 1939 and 1940 two adits were driven on the vein for distances of 110 and 336 feet respectively. A stope was carried from the upper, No. 1 level to the surface. A raise was driven from No. 2 level. Operations were suspended in November 1940.

Development consisted of 110 feet of crosscutting, 1,150 feet of drifting, and 350 feet of raising. A total of 1,361 tons of ore was mined, yielding 924 oz of gold and 514 oz of silver.

An average crew of eight men was employed. "

The Annual Report of the British Columbia Minister of Mines for 1960, page 52, reports as follows:

" RABBITT MINE - This property is on the north slope of Grasshopper Mountain at 3,700 to 3,950 feet elevation, half a mile southeast of Grasshopper Creek. It is reached by a short branch off the Grasshopper Mountain logging-road. Development and mining were carried on between 1937 and 1941. Workings include two adits, now caved, a stope broken through to surface, and extensive trenching and pitting. The workings follow two quartz-carbonate veins which strike north 10 degrees west and north 40 degrees east and intersect at the stope. Both veins were seen to contain considerable disseminated pyrite and some disseminated chalcopyrite. It is reported that native gold, a telluride, galena, and sphalerite are also present. The pattern of mining would suggest a pipe-like orebody at the intersection of the veins. "

According to D. Rabbitt, who reports having worked underground at the Rabbitt Mine in 1941, some 30 tons of two-ounce gold ore was extracted from the workings immediately below the open pit before the mine was closed.

It is reported the Rabbitt Mine dump was sampled circa 1979-80, but the results of this work are not known.

The writer examined the property with D. Javorsky and J. Cleveland on May 10, 1981 and found the surface area of the mine workings cover a length of about 150 metres north-south. The Upper and Lower portals of the tunnels, and several test-pits are caved and a small mill building is in ruins.

The examination included a sampling of the exposed glassy quartz vein structure and quartz stockwork in the open pit at the south end of the surface workings. A sample of this vein zone was taken on the south face of the open pit

across 115 centimetres (3.8 feet). The Vein zone consists of glassy quartz and sheared and chloritized greenstone. Strong vertical to steeply west dipping shearing accompanies the quartz vein on both the hanging-wall and footwall. Quartz veins in a stockwork occur on the hanging-wall side and appear to have a selvage of siderite in the chloritized greenstone. The main porcelaneous quartz-ankerite vein strikes north-south and is exposed in the north face of the open pit over an observed width of about 30 centimetres. Caving conditions in the open pit prevented sampling this north face. The chip sample assayed 0.502 ounces in gold, 0.21 ounces silver and 0.19 percent copper per short ton. Chalcopyrite and pyrite occur in blebs and scattered grains in the vein. The vein appears to be strong and strikes into apparently untested ground towards the south. This same vein was resampled by the writer across 125 cm of vein exposure on June 4, 1983 and the sample assayed 0.358 ounces of gold per short ton.

The mine dump area was sampled as shown on the surface plan although the dump boundaries were somewhat obscured by brush. Five samples were taken over the dump area on May 10, 1981. The best assay was 0.088 ounces of gold per short ton and the arithmetic average of the five samples taken was 0.046 ounces of gold per short ton. Silver and copper values were negligible in the dump samples. It is estimated some 1,460 short tons of mine dump rock occur in the sampled area.

Some property investigation work included trenching and prospecting, which was done by D. Javorsky during 1981 and 1982.

The road to the Rabbitt Mine via Lawless Creek and

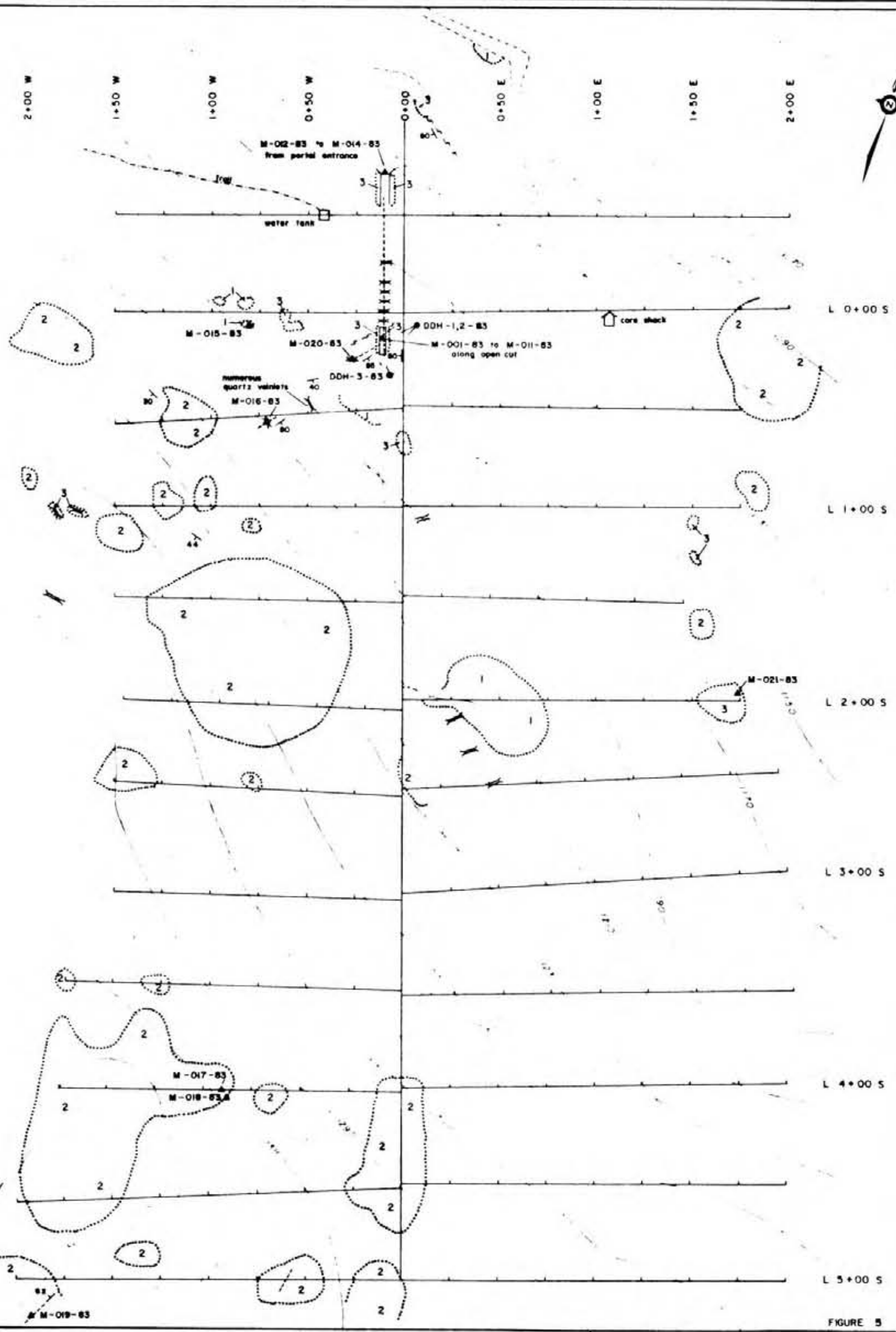


FIGURE 5

LEGEND

1. Flower porphory - plagioclase feldspar porphyry groundmass very fine grained, dark grey to green
2. Intermediate volcanics - andesitic to basaltic, with plagioclase and pyroxene (augite) phenocrysts, some alteration to chlorite and amphibole, greenish
3. Zones of quartz flood and mineralization - areas of alteration, very siliceous, with 1-3% pyrite

Quartz vein

Shear zone
Strike and dip
Trench
Rock sample location
Outcrop
Claim post
Road
Diamond drill hole

Geology by: M POND B.Sc.

Donald W. Tully

MONICA RESOURCES LTD.

SIMILKAMEEN M.D - N.T.S. 92H/10W
TULAMEEN, B.C.

GEOLOGY MAP

50 0 50 m

To accompany a report by:
D.W. TULLY P. ENG

DRAWN BY: MP/DNH

DATED: DEC. 12, 1983

Laws Camp was re-opened in November 1982. The lower tunnel portal was rehabilitated and some 225 metres (738 feet) of new bulldozer trail was done at the Minesite.

In October and November 1983, Strato Geological Engineering carried out a program of geochemical soil sampling, a combined magnetometer and very-low frequency electromagnetic survey, geological mapping and diamond drilling over the area around the former Rabbitt Mine workings. The results of this work are summarized in this report.

REFERENCES

The following reports and publications available to the writer contain information pertinent to the Gold Mount, Gail Gold, Weldonna, Bonanza Gold and the former crown grants Bonanza Queen and Nevada claims and Ace, and Gold Creek.

Origin of the Tulameen Ultramafic-gabbro Complex, D.C. Findlay. Canadian Journal of Earth Sciences 6,399 (1969)

Geological Survey of Canada Memoir 26 and Memoir 243 with Maps 888A

Geological Survey of Canada Aeromagnetic Map 8531G

Annual Reports of the Minister of Mines British Columbia for -
1887, p. 275;
1888, p. 318;
1891, p. 577;
1896, p. 562;
1928, p. 268;
1929, p. 279;
1933, p. 174;
1938, special report;
1939, p. A37;
1940, p. A60, A61;
1941, p. A25,
1960, p. 52

Airphotos BC5206-112, 113, 114 and BC5206-161, 162, 163

2+00 W | 1+50 W | 1+00 W | 0+50 W | 0+00 | 0+50 E | 1+00 E | 1+50 E | 2+00 E

L 0+00

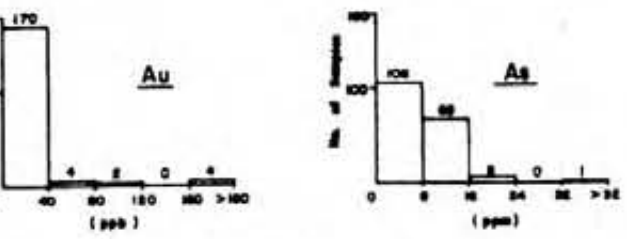
L 1+00 S

L 2+00 S

L 3+00 S

L 4+00 S

L 5+00 S



Au contour interval 40, 80, 120, 160 ppb

As contour interval 8, 16, 24, 32 ppm

15 ppb Au / 10 ppm As — Sample location and result

NS — No sample taken

Road

Donald W. Tully

Field work period Oct 9 - 18, 1983

All locations subject to survey

FIGURE 6

MONICA RESOURCES LTD.

SIMILKAMEEN M.D. – N.T.S. 92H/10W

TULAMEEN, B.C.

SOIL GEOCHEMISTRY

(Au, As)

50 0 50 m

To accompany a report by:
D.W. TULLY P. ENG.

DRAWN BY: MP/DHH

DATED: DEC. 12, 1983

STRATO GEOLOGICAL CONSULTING LTD.

Faulting in the Grasshopper Mountain Area, Southwestern British Columbia, (Unpublished report by Alison Bell, B.Sc., dated April 18, 1979 and was submitted to the writer by David J. Javorsky)

British Columbia Department of Mines Special Report by M.S. Hedley, No. 1937-17, p. 6

British Columbia Ministry of Energy, Mines and Petroleum Resources, Resource Data Section 092HNE014 - Computer Readout

Report on the Rabbitt Mine, Lawless Creek-Tulameen River area, Similkameen Mining Division, B.C., dated March 21, 1979 by Robert Steiner, B.A., P. Geol.

Report on the Gold Mount, Gail Gold, Weldonna, Bonanza Gold and former Bonanza Queen-Nevada Mineral Claim Group with ADDENDUM dated May 27, 1981 for Rynco Resources Ltd. (75%) and Farwest Energy Inc. by Donald W. Tully, P. Eng.

Report on the Gold Mount, Gail Gold, Weldonna, Bonanza Gold and former Bonanza Queen-Nevada Mineral Claim Group for Rynco Resources Ltd. (75%) and Farwest Energy Inc., and dated June 16, 1983 by Donald W. Tully, P. Eng.

Report on the Gold Mount, Gail, Gold, Weldonna, Bonanza Gold and former Bonanza Queen-Nevada claim group dated June 15, 1983 for Monica Resources Ltd. by Donald W. Tully, P.Eng.

Personal communications.

REGIONAL AND LOCAL GEOLOGICAL SETTING

Three lithological units underlie the claim area, namely the Nicola volcanics, intrusive phases of the Coast Intrusion Eagle granodiorite body and the ultrabasic Tulameen Complex.

A tentative geologic timetable of the regional and local geology in the property environment, is as follows:

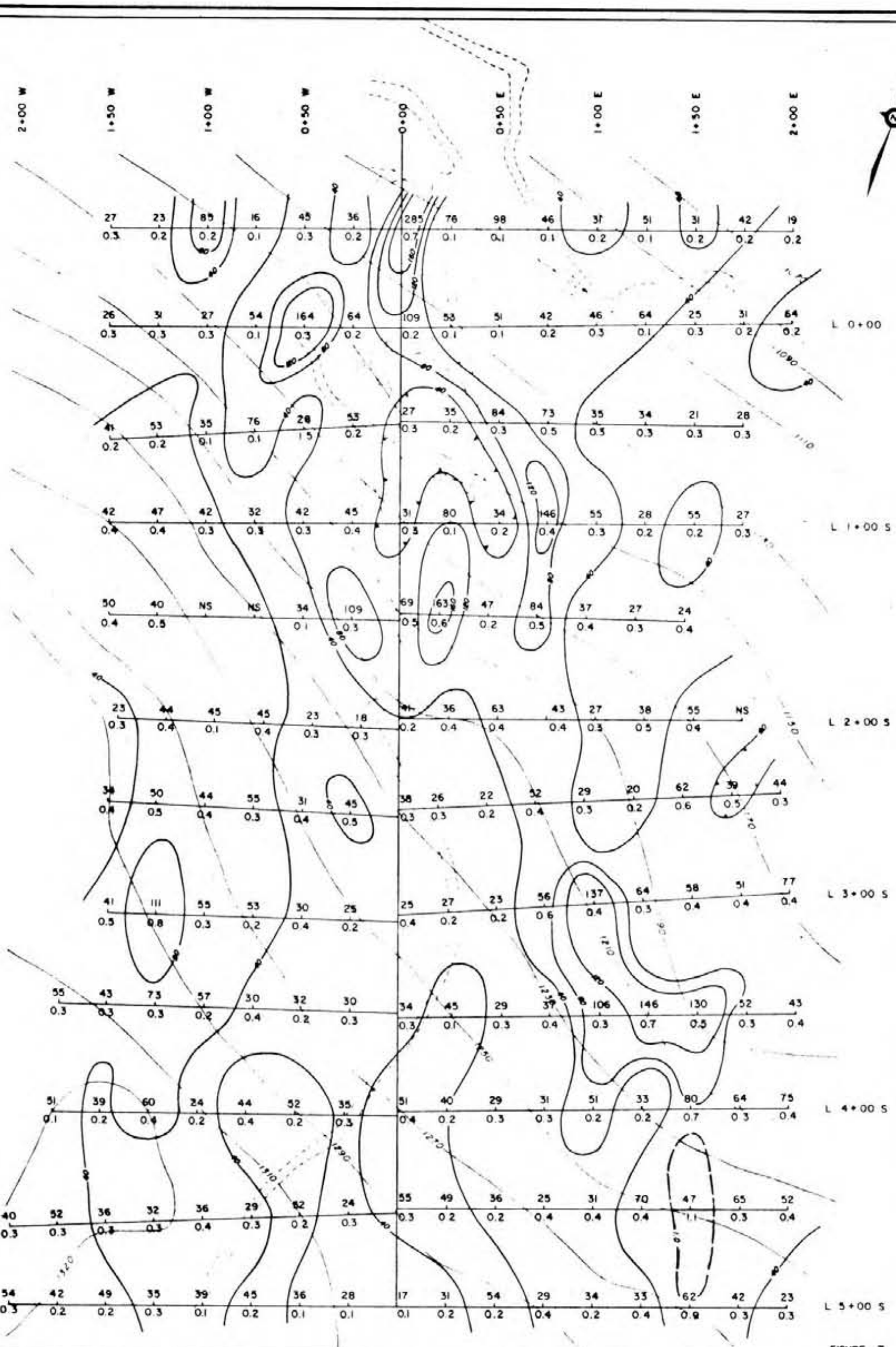
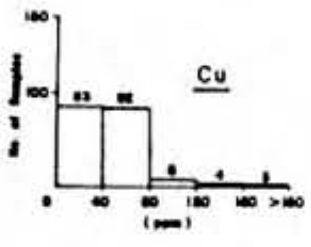
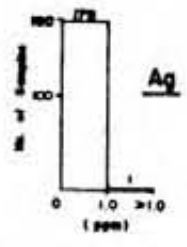


FIGURE 7





Cu contour interval 40, 80, 120, 160 ppm

Ag contour interval 1.0 ppm

45 ppm Cu / 0.4 ppm Ag — Sample location and result

NS — No sample taken

Road

Field work period Oct. 9-18, 1983
All locations subject to survey

MONICA RESOURCES LTD.

SIMILKAMEEN M.D. – N.T.S. 92H/10W
TULAMEEN, B.C.

SOIL GEOCHEMISTRY (Cu,Ag)

50 0 50 m

To accompany a report by:
D.W. TULLY P. ENG.

DRAWN BY: MP/DMH

DATED: DEC. 16, 1983

Formation	Description/Event	Age
Sand, gravel and glacial debris	Unconsolidated	Quaternary
	(Erosional unconformity)	
Mineralization and metamorphism quartz vein emplacement	Gold, silver and tellurides, possibly platinum, sulphides and oxides or iron, copper, lead and zinc generally associated with quartz lodes and stockworks	Tertiary (?)
	(Several events of folding, faulting, shearing and related tectonic activity)	
Eagle Granodiorite body	Complex of acidic to intermediate intrusives	Jurassic (?)
	(Tectonic activity)	
Tulameen ultrabasic complex	Dunite, pyroxene-rich rock types with gabbro	Jurassic
	(Tectonic activity)	
Nicola volcanics	Andesitic lavas, fragmentals, greenschist facies and intercalated sedimentary horizons	Upper Triassic

Grasshopper Mountain is traversed by a broad belt of Nicola volcanic rocks trending more or less parallel to the Eagle granodiorite mass situated immediately to the west. The south and easterly portions of the mountain are occupied by ultrabasic rocks belonging to the northern extremity of the surface expression of the Tulameen ultramafic complex.

The trend of the structural elements in both the Nicola and ultrabasic rocks is north-northwesterly.

2+00 W | 1+50 W | 1+00 W | 0+50 W | 0+00 | 0+50 E | 1+00 E | 1+50 E | 2+00 E

L 0+00

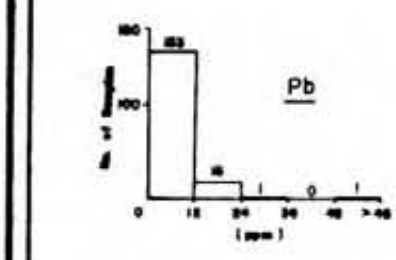
L 1+00 S

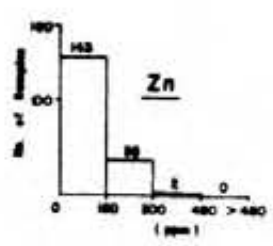
L 2+00 S

L 3+00 S

L 4+00 S

L 5+00 S





Pb contour interval 12, 24, 36, 48 ppm

Zn contour interval 150, 300, 450 ppm

7 ppm Pb / 93 ppm Zn — Sample location and result

NS — No sample taken

Road

Field work period Oct. 9-18, 1983
All locations subject survey

FIGURE 8

MONICA RESOURCES LTD.

SIMILKAMEEN M.D. – N.T.S. 92H/10W
TULAMEEN, B.C.

SOIL GEOCHEMISTRY
(Pb, Zn)

50 0 50 m

To accompany a report by:
D.W. TULLY P. ENG.

DRAWN BY MP/DNH | DATED: DEC. 16, 1983

A study of the airphotos covering this area shows the north-northwesterly trending lineaments are confirmed by the aeromagnetic pattern as shown on Geological Survey of Canada Map 8531G.

The relationship of the Eagle granodiorite body and the ultrabasic complex is somewhat obscure but Findlay has suggested the Copper Mountain intrusives may indeed have a co-magmatic relationship with both the Eagle granodiorite and Tulameen ultrabasic intrusive masses.

MINERALIZATION - METAMORPHISM

The gold-telluride mineral deposits lie within the Nicola volcanics in association with shear zones occupied by breccia pipes and zones and stockworks of quartz veins. Findlay has indicated the proximity of these auriferous deposits to the contact zonal phase of the Tulameen ultrabasic intrusive complex.

Platinum has been frequently recognized in placer deposits surrounding the Tulameen ultrabasic complex.

The development of the quartz veins and stockworks in the wallrocks in the contact zones of the Tulameen ultrabasic appears related to a deep-seated fracture pattern. The lavas are carbonatized and in some instances chloritic and graphitic schist is in evidence.

The principal minerals are pyrite, chalcopyrite, and chloritic schist with sparse galena and sphalerite and hematite also in evidence.

A gold telluride has been reported. Sampling indicates most of the gold occurs in the quartz, with and in some

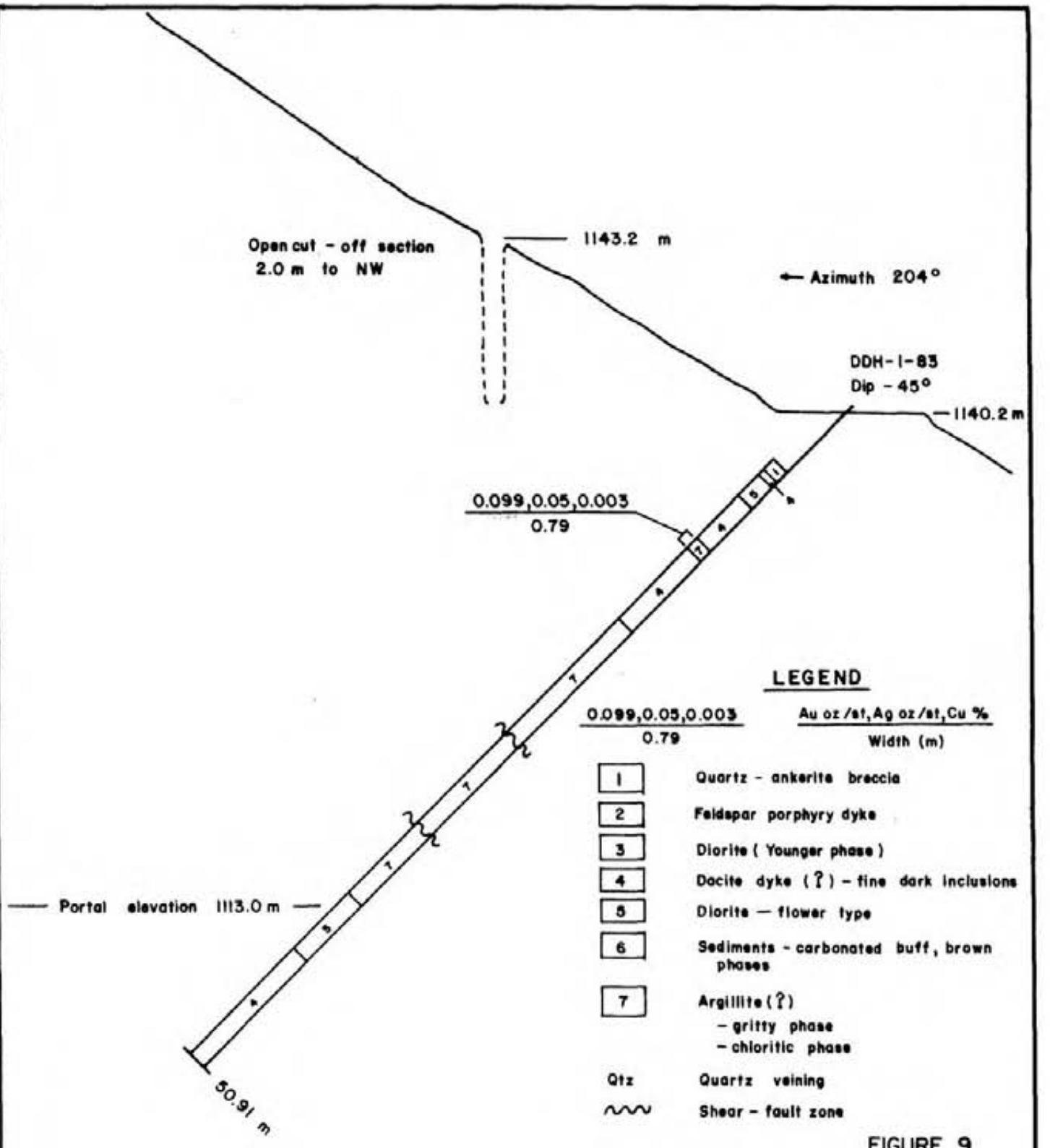


FIGURE 9

MONICA RESOURCES LTD.

DDH-1-83

SECTION LOOKING NORTH WEST

6 0 9 m

To accompany a report by D.W.TULLY P.ENG.

December 12, 1983 | Scale 1:300

Drawn by D.W. Tully

instances without, chalcopyrite. The sulphide minerals may occur in both the quartz and wallrocks.

Significant assays in gold have been found in samples of quartz-ankerite vein structures. Surface samples chipped across widths up to 1.83 metres show values in gold up to 1.22 ounces of gold per short ton.

D.D.H. #3-83 intersected two vein structures carrying values in gold assaying:

0.232 ozs over a core length of 0.92 metres (3 feet)
1.645 ozs over a core length of 1.83 metres (6 feet)

The results of surface and diamond drill hole assays are shown on Figure 4.

RESULTS OF THE 1983 PROGRAM OF MINERAL EXPLORATION

Diamond Drilling

During the period October 12, through November 1, 1983, a program of NQ core size (48 mm) diamond drilling was carried out at the Rabbitt Mine location on the Gail Gold Claim for Monica Resources Ltd.

The drilling was done by Grizzly Diamond Drilling, Princeton, British Columbia.

A total of 479.5 feet (146.19 metres) was drilled in three holes. The results are shown on Figure 4 and were as follows:

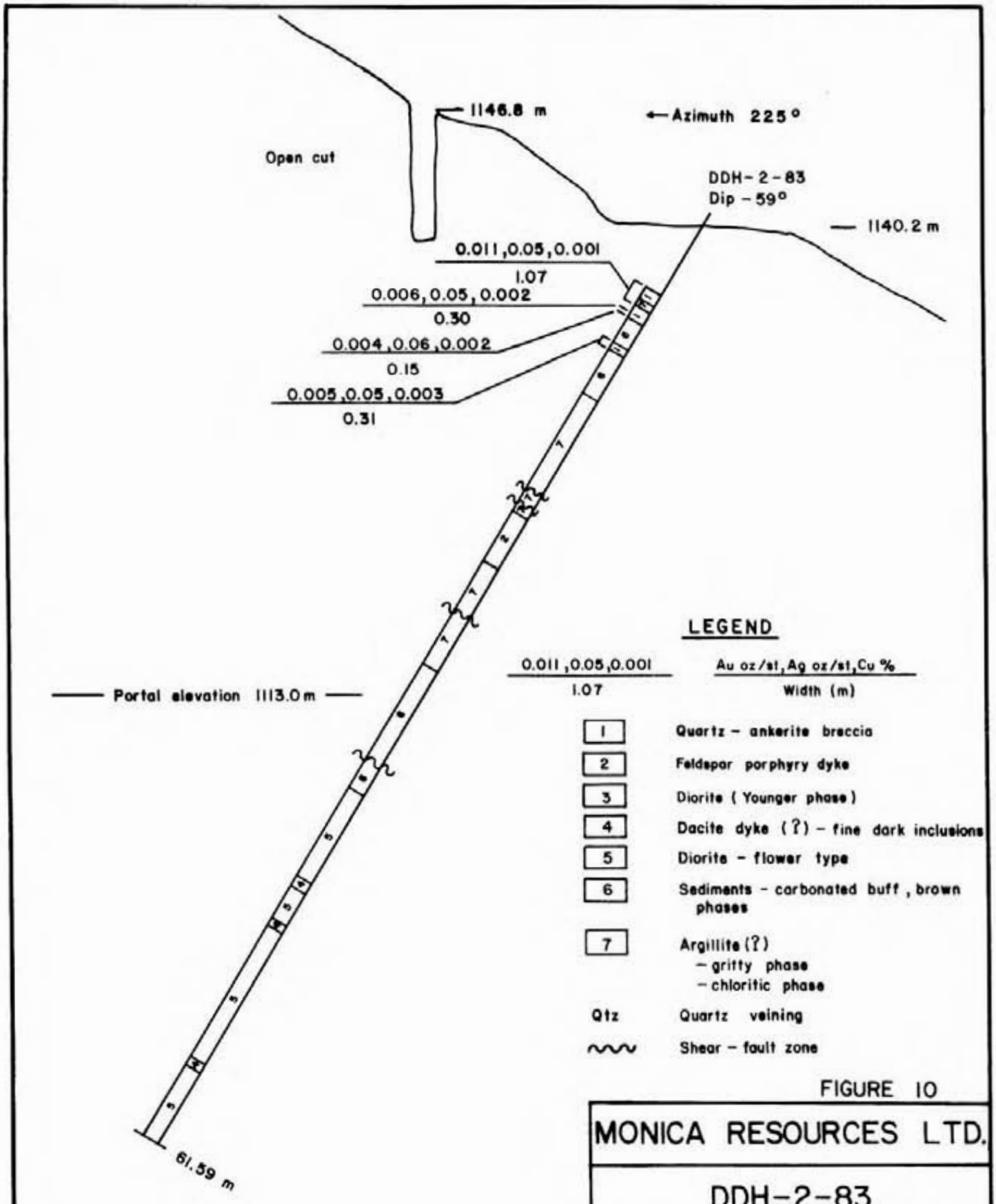


FIGURE 10

MONICA RESOURCES LTD.

DDH-2-83

SECTION LOOKING NORTH WEST

6 0 9 m

To accompany a report by D.W.TULLY P.ENG.

December 12, 1983 | Scale 1:300

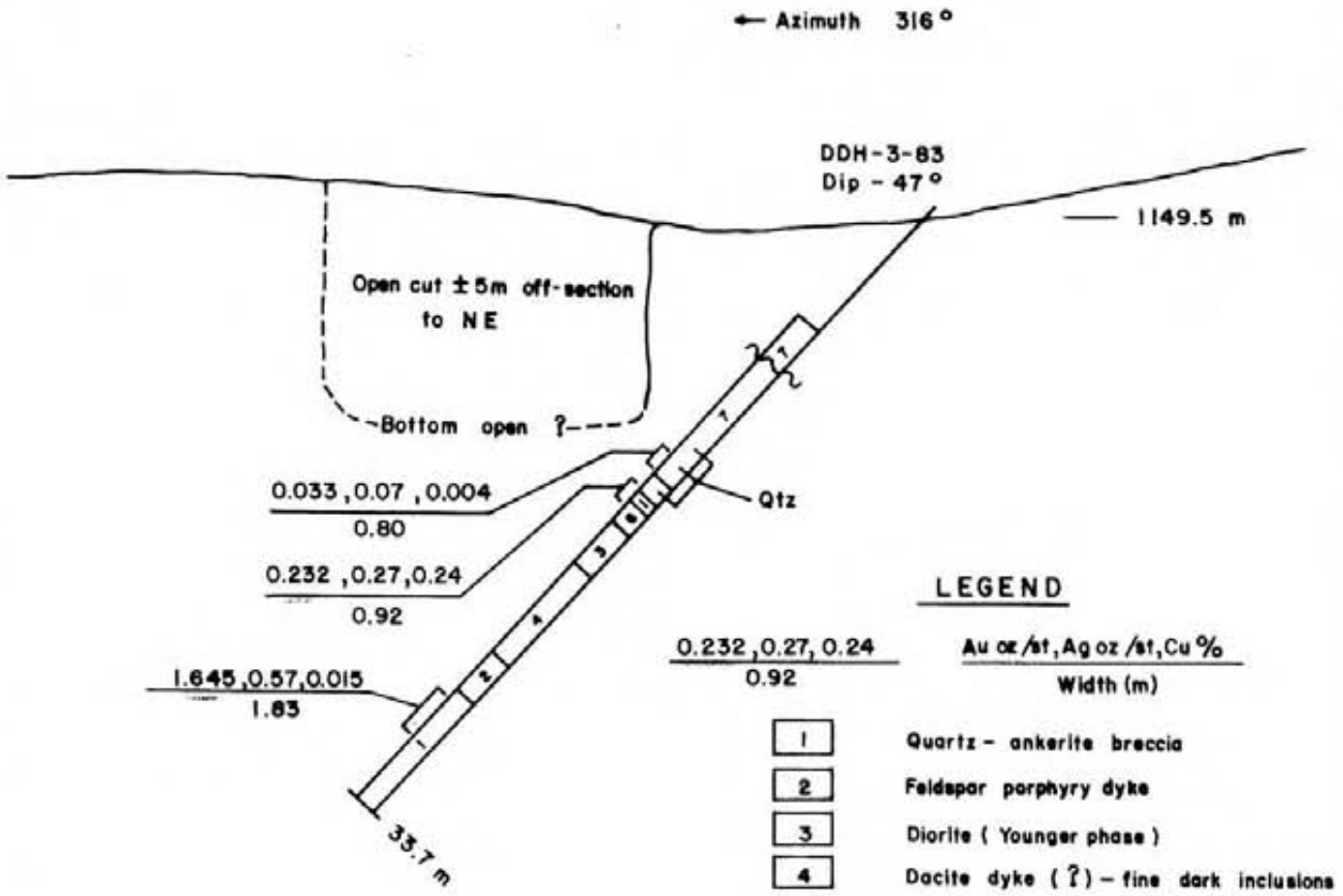
Drawn by W. Tully

Hole No.	Direction	Dip	Depth	Elevation	Remarks
DDH #1-83 (Figure 9)	204°	-45°	50.91m (167.0')	1137.6m	Assay of 0.099 ounces gold/st over 0.79m (2.6 feet)
DDH #2-83 (Figure 10)	225°	-59°	61.59m (202.0')	1137.6m	Quartz vein structures in the upper part of this hole showed low values in gold.
DDH #3-83 (Figure 11)	316°	-47°	33.69m (110.5')	1150.0m	Two zones of averaged gold values 0.232 (uncut) ozs/st over 0.92m (3 feet) 1.645 (uncut) ozs/st over 1.83m (6 feet)

The two quartz vein intersections in DDH #3 appear to be part of a northeast trending structure that strikes across the direction of the underground mine workings. The gold intersection averaging 1.645 ounces of gold over a core length of 1.83 metres (6 feet) may represent a folded northeast striking and steep north-dipping structure at the intersection of the vein zone on which the open pit was mined. This could explain why both DDH #1-83 and #2-83 did not encounter the same vein structure intersected in DDH #3-83. Fault displacement may also be a factor.

Geochemical Soil Sampling

180 geochemical soil samples were taken during the period October 9 - 18, 1983 by Strato Geological Engineering Ltd., Suite 103, 709 Dunsmuir Street, Vancouver, British Columbia. The soil samples were taken as often as possible from the "B" soil horizon at 25-metre intervals along east-west control lines at 50-metre spacings and analyzed for gold, arsenic, copper, silver, lead and zinc. The results were as follows:



LEGEND

0.232, 0.27, 0.24 / 0.92 — Au oz/st, Ag oz/st, Cu % / Width (m)

1	Quartz - ankerite breccia
2	Feldspar porphyry dyke
3	Diorite (Younger phase)
4	Dacite dyke (?) - fine dark inclusions
5	Diorite - flower type
6	Sediments - carbonated buff, brown phases
7	Argillite (?) - gritty phase - chloritic phase
Qtz	Quartz veining
~~	Shear - fault zone

FIGURE 11

MONICA RESOURCES LTD.

DDH-3-83
SECTION LOOKING NORTH EAST

6 0 9 m

To accompany a report by D.W.TULLY P.ENG.

December 12, 1983 | Scale 1:300

Donald W Tully

Gold (Figure 6)

No. of Samples	Range of Results
170	5 - 40 parts per billion
4	40 - 80 parts per billion
2	80 - 120 parts per billion
0	120 - 160 parts per billion
4	160+ parts per billion
180	

Values in gold above 160 parts per billion are considered to be anomalous, which is equivalent to 0.0046 troy ounces of gold per short ton.

The highest value obtained in gold over the area surveyed was 1550 parts per billion equivalent to 0.044 ounces per s/t. This value was found on L0+50S at L0+50W and occurs at the southeast end of a northwest trending gold anomaly in the area of known gold values from surface pit exposures. This gold anomaly is up-slope from the area of the Rabbitt Mine underground workings.

A second anomalous value in gold of 800 parts per billion was found at the baseline at L0+50N in the area overlying the underground mine workings.

A third anomalous value in gold of 610 parts per billion was found in the southeast corner of the surveyed area at L5+00S at L1+50E overlying an area of strong very-low frequency electromagnetic response.

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

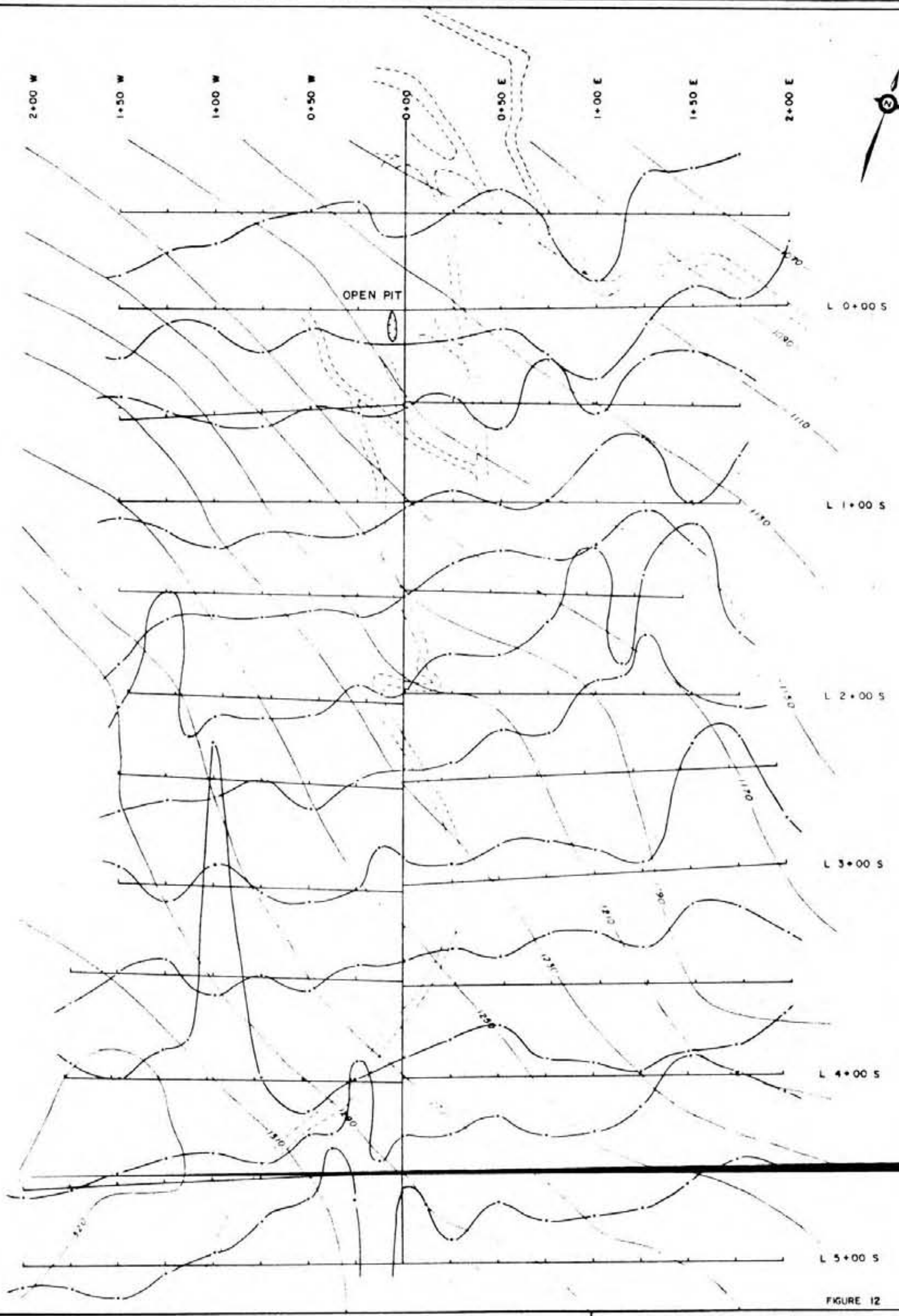


FIGURE 12

LEGEND

Grid line: 56,675 / 56,650 / 56,625 / 56,600 / 56,575 gammas

xxxxxx Road

Instrument: Proton Magnetometer ; SINTREX MP-2

Total field magnetic survey : DATUM 56,000 ±

Donald W. Tully

Field work by J. Langewitz
Field work period Oct. 9 - 18, 1983
All locations subject to survey

MONICA RESOURCES LTD.

SIMILKAMEEN M.D. - N.T.S. 92H/10W
TULAMEEN, B.C.

MAGNETOMETER PROFILES

50 0 50 m

To accompany a report by:
D.W. TULLY P. ENG.

DRAWN BY: MP. DRW | DATED: DEC. 12, 1983

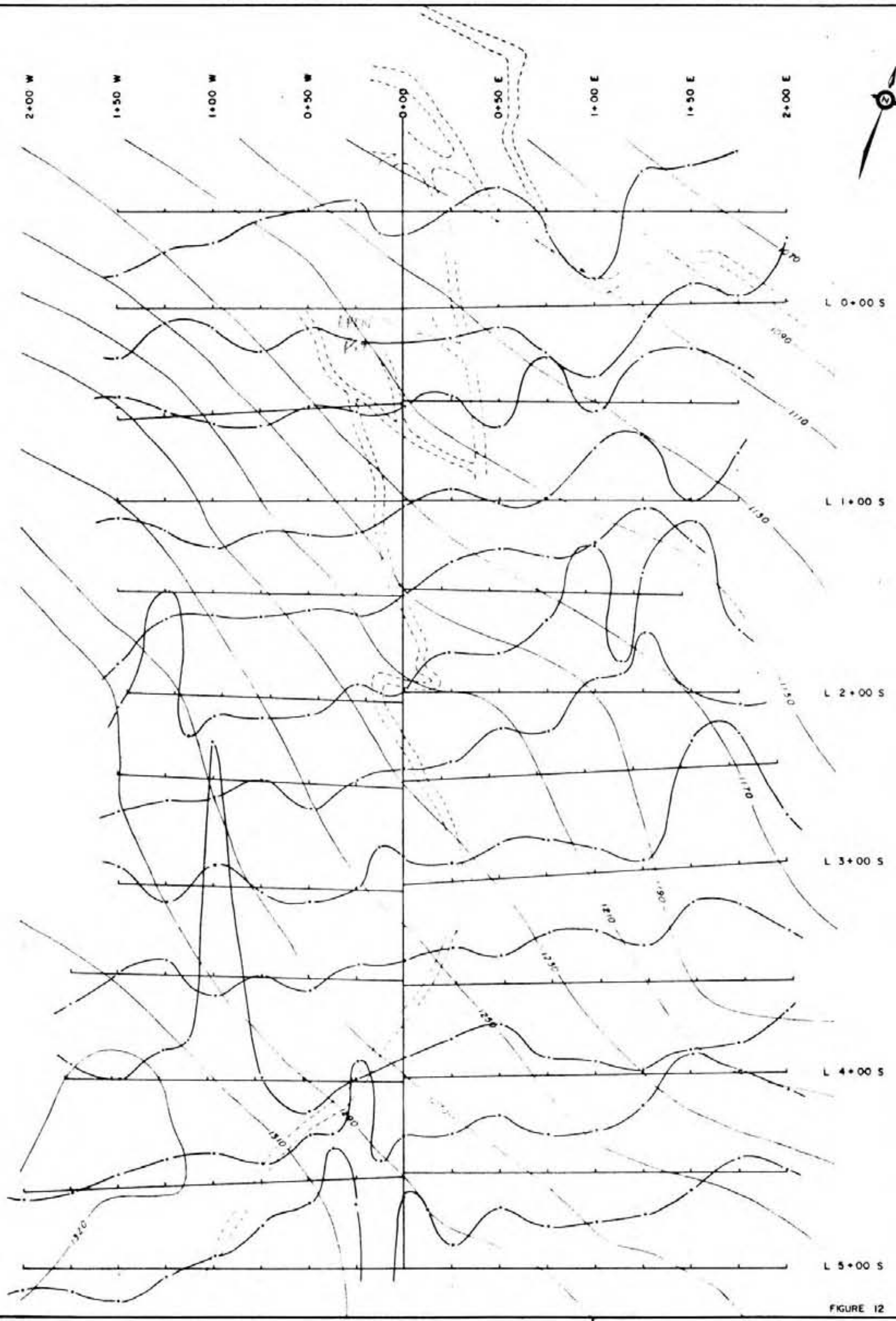


FIGURE 12

LEGEND

Grid line: 56,675 / 56,650 / 56,625 / 56,600 / 56,575 gammas

Road

Field work by J. Longewitz
Field work period Oct. 9 - 18, 1985
All locations subject to survey

Donald W. Tully

MONICA RESOURCES LTD.

SIMILKAMEEN M.D. - N.T.S. 92H/10W
TULAMEEN, B.C.

MAGNETOMETER PROFILES

50 0 50 m

To accompany a report by:
D.W. TULLY P. ENG.

DRAWN BY: MP/DNH

DATED: DEC. 12, 1985

ATLANTIC GEOLOGICAL ENGINEERING LTD.

Arsenic (Figure 6)

No. of Samples	Range of Results
106	0 - 8 parts per million
68	9 - 16 parts per million
5	17 - 24 parts per million
0	25 - 32 parts per million
1	33+ - parts per million
180	

Only one value in arsenic is considered to be anomalous. This value was 38 parts per million and does not appear to correlate with any anomalous results in gold, copper, silver, lead or zinc in the area surveyed.

Silver (Figure 7)

No. of Samples	Range of Results
179	0.0 - 1.0 parts per million
1	1.5 parts per million

The single value of 1.5 parts per million in silver is not considered to be anomalous except that it correlates with the maximum value in gold obtained at L0+50S and L0+50W (see Figure 6).

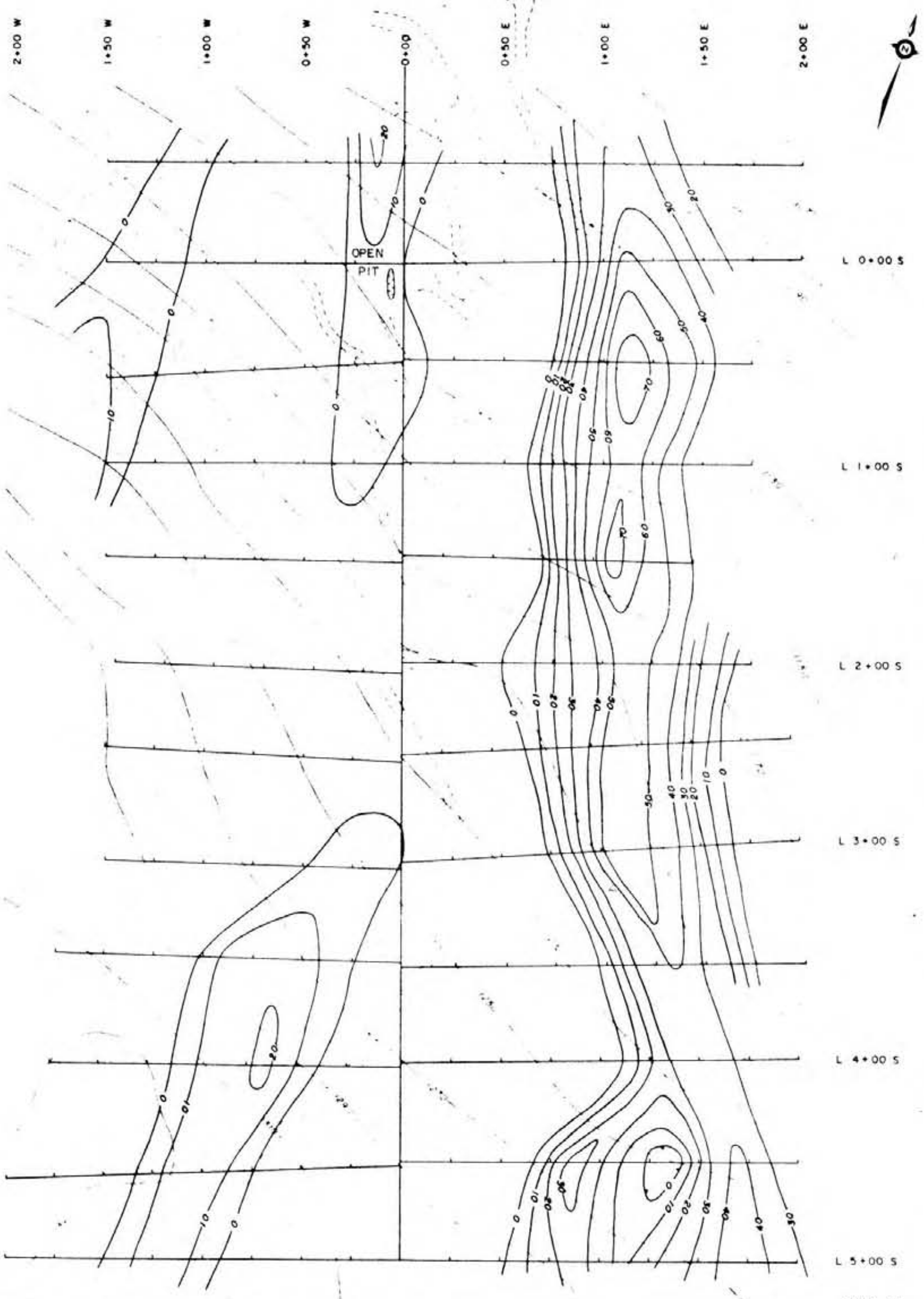


FIGURE 13

Note:

- Instrument: VLF EM-16, Reciever serial No. 1623
- Contour interval: 10
- Reading direction: north westerly
- Transmitting station: NPG Jim Creek, Washington, U.S.A., 250 kw

JIM CREEK WASHINGTON, U.S.A.

READING DIRECTION

Donald W. Tully

Field work period Oct. 9-18, 1983
Field work by J. Langewitz
All locations subject to survey

MONICA RESOURCES LTD.

SIMILKAMEEN M.D. - N.T.S. 92H/10W
TULAMEEN, B.C.

VLF - ELECTROMAGNETIC SURVEY
FRASER FILTER CONTOURS

50 0 50 m

To accompany a report by:
D.W. TULLY P. ENG.

DRAWN BY: MP/DMH

DATED: DEC 18, 1983

STRATO GEOLOGICAL ENGINEERING LTD.

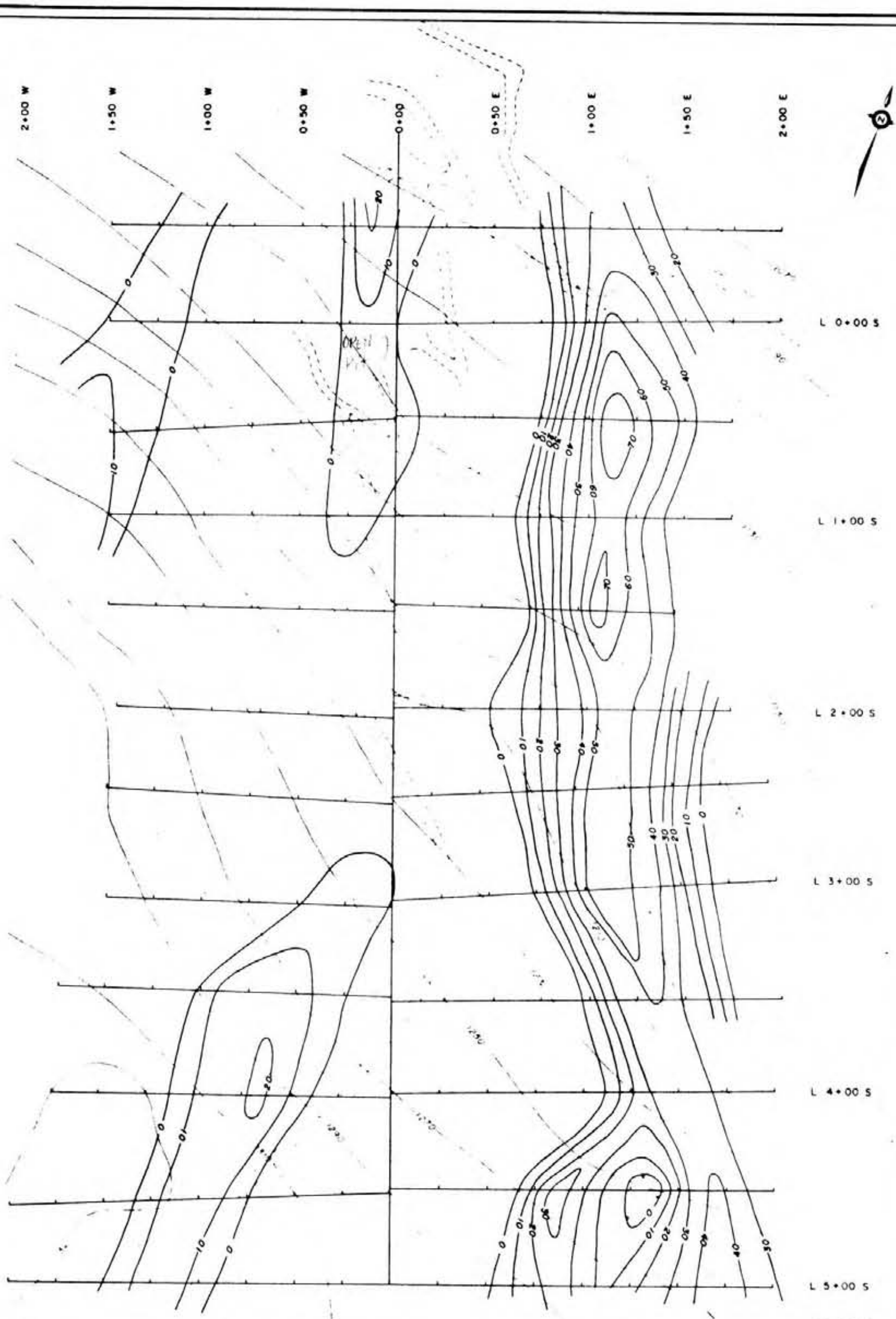


FIGURE 13

Note:

- Instrument: VLF EM-16
- Contour interval: 10
- Reading direction: north westerly
- Transmitting station: NPG Jim Creek, Washington, U.S.A.

Donald W. Tully

Field work period Oct. 9-18, 1983
Field work by J. Langewitz
All locations subject to survey

MONICA RESOURCES LTD.

SIMILKAMEEN M.D. – N.T.S. 92H/10W
TULAMEEN, B.C.

VLF - ELECTROMAGNETIC SURVEY
FRASER FILTER CONTOURS

50 0 50 m

To accompany a report by:
D.W. TULLY P.ENG

DRAWN BY: MP/DNH

DATED: DEC 18, 1983

STRATA GEOLOGICAL ENGINEERING LTD.

Copper (Figure 7)

No. of Samples	Range of Results
83	0 - 40 parts per million
82	41 - 80 parts per million
8	81 - 120 parts per million
4	121 - 160 parts per million
3	161+ parts per million
180	

Values in copper above 160 parts per million are considered to be anomalous.

The highest value obtained in copper was 285 parts per million on Line 0+50N at the baseline at L0+00 and correlates with an anomalous value in gold in the area overlying the underground mine workings. (See Figures 6 and 7). The two remaining high values in copper were 164 and 111 parts per million and do not correlate with any anomalous results of the metals analyzed.

Lead (Figure 8)

No. of Samples	Range of Results
163	0 - 12 parts per million
15	13 - 24 parts per million
1	25 - 36 parts per million
0	37 - 48 parts per million
1	48+ parts per million
180	

Values in lead of and above 48 parts per million are considered to be anomalous. The single highest value in lead was 48 ppm and correlates with the highest value obtained in gold on L0+50S at L0+50W.

Zinc (Figure 8)

No. of Samples	Range of Results
143	0 - 150 parts per million
35	151 - 300 parts per million
2	301+ parts per million
180	

None of the values in zinc are considered to be anomalous. However, it is interesting to note that a higher value in zinc does correlate with the highest values obtained in gold, silver and lead.

It is concluded, from the geochemical soil sampling results, that values in gold, silver, copper and lead correlate with areas of known gold mineralization on surface.

COMBINED VLF-ELECTROMAGNETIC AND MAGNETOMETER SURVEY

During the period October 9 - 18, 1983, a program of combined very-low frequency and magnetometer geophysical surveying was carried out by Strato Geological Engineering Ltd., Vancouver, B.C., over the same grid-control pattern used for the geochemical soil sampling survey at 25-metre stations.

Geophysical readings were taken at stations 25 metres apart along east-west control lines spaced at 50-metre intervals.

Magnetometer Survey

The results of the magnetometric geophysical survey are shown on Figure 12.

The survey was carried over the grid area Line

0+50N to L5+00S and L2+00E to L1+50W. Four line-kilometres were surveyed with station readings at 25-metre intervals. A total of 18 stations were occupied.

Two zones of moderate magnetic response were found striking in both the west and east sectors of the area surveyed. The zone of magnetic response in the east sector is somewhat coincident with a strong zone of through-going very-low frequency electromagnetic response.

VLF-Electromagnetic Survey

The results of the very-low frequency electromagnetic geophysical survey are shown on Figure 13.

The survey was carried over the same grid control pattern as the geochemical soil sampling survey.

A zone of strong electromagnetic response was found trending generally along azimuth 330-340^{o} for a length of 550 metres in the east sector of the surveyed area. This anomalous zone is indicated to have a width of up to 100 metres and is open on both extremities. Two smaller zones of electromagnetic response were also noted. The terrain beneath this electromagnetic anomaly zone is relatively steep sloping towards the north.

Coincident magnetic response was noted over the dominant zone of electromagnetic response, particularly in the north sector of the anomaly.

Geological mapping showed mostly overburden in the area of the large zone of dominant electromagnetic response.

RECOMMENDATIONS

A two-phase program of mineral exploration is proposed.

Phase 1

a) The perimeter of the claim area should be surveyed by careful chain and compass survey to establish the boundary and thereby the working area of the property.

b) Diamond drill 300 metres (984 feet) of NW core size in six short drill holes to outline the trend of the values intersected in DDH #3-83 and at surface trenches marked B, B_1, and K.

c) Investigate the geophysical signature of the known gold-bearing veins by both electromagnetic gradient magnetometer and induced polarization test methods.

Phase 2

a) Contingent upon an engineering evaluation of the results of the Phase 1 program and a recommendation to continue testing the property, it is proposed to explore and expand by diamond drilling the area of gold mineralization surrounding the Rabbitt Mine workings.

b) It is further recommended the total property be geophysically surveyed and geochemically soil sampled during summer field conditions.

c) Geophysical and diamond drill testing is proposed for the Bonanza-Queen and Nevada underground development areas.

ESTIMATED COST OF THE PROPOSED WORK PROGRAM

Phase 1

a)	Survey the perimeter of the claim area	$ 2,500	
b)	300 metres of NQ core size diamond drilling (including core handling, supervision, and engineering travel costs)		
	(300 x $115/metre)	34,500	
c)	Geophysical investigations at Rabbitt Minesite	5,000	
	Contingency @ 20% of above costs	8,400	
	Estimated Total Cost of Phase 1		$ 50,400

Phase 2

Contingent upon an engineering evaluation of the results of Phase 1, it is proposed to further test any potential mineral target areas

a)	NQ core size wireline diamond drill holes		
	(Estimate 2,000 metres x $115.00 per metre)		
	(This cost to include mobilization, drill-site preparation, core-handling, supervision, demobilization and engineering)	230,000	
b)	Geochemical, geophysical and geological survey investigation of the total property during summer field conditions	75,000	
c)	Bulldozer, geophysical and diamond drill development of the underground tunnels at the Bonanza Gold and Bonanza-Queen and Nevada claims	40,000	
	Estimated Total Cost of Phase 2		345,000
	Estimated Total Cost of Phases 1 and 2		$395,400

Respectfully submitted,

Donald W. Tully

December 12, 1983

Donald W. Tully, P. Eng.

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

STRATO GEOLOGICAL ENGINEERING LTD.
103-709 DUNSMUIR STREET
VANCOUVER, BRITISH COLUMBIA
V6C 1M9

TELEPHONE (604) 687-4610

TIME-COST DISTRIBUTION

The mineral exploration program was conducted over the Gold Mount claim group by Strato Geological Engineering Ltd. during the periods October 8 to November 4, 1983. The work consisted of geological mapping, grid soils geochemistry, magnetometer and VLF-EM surveys, detail geology and sampling of the old Rabbitt Mine workings, road construction and trenching, and diamond drilling (subcontracted). A listing of personnel and distribution of costs is as follows:

Personnel:

R. J. Englund, B.Sc.	Project Supervisor
M. A. Pond, B.Sc.	Geologist, Field Supervisor
D. Herriott	Geological Technician
J. Langewitz, C.E.T.	Geophysical Technician

Cost Distribution

Labour (above personnel)	$ 9,800.00
Transportation - 4WD (28 days), bus, etc.	1,535.22
Room and Board	1,944.47
Equipment Rental, VLF-EM and Magnetometer	560.00
Field Supplies	955.61

.....con't....

Assay Costs (Soils Geochem. and Drill Core and Sludge)	2,421.54
Diamond Drill (Contract)	13,643.75
Road Const., Drill Pads (D - 6 Caterpillar - Contract)	1,614.50
Data Reduction, Drafting of Geochemical, VLF-EM, Magnetic and Geological Survey Results	1,575.00
Geological Report and Maps - Reproduction, Copying, etc.	1,205.93
Total	$35,256.02

Signed: _____

STRATO GEOLOGICAL ENGINEERING LTD.

CERTIFICATE

I, DONALD WILLIAM TULLY, of the Municipality of West Vancouver, Province of British Columbia, hereby certify as follows:

1) I am a Consulting Geologist with an office at Suite 1205, 555 - 13th Street, West Vancouver, British Columbia.

2) I am a registered Professional Engineer in the Provinces of Ontario and British Columbia.

3) I graduated with a degree of Bachelor of Science, Honours Geology, from McGill University in 1943.

4) I have practiced my profession for thirty-eight years.

5) I have no direct, indirect, or contingent interest in the Gold Mount, Gail Gold, Weldonna, Bonanza Gold, Ace, Gold Creek and the reverted Bonanza Queen and Nevada crown granted mineral claims, subject of this report, or inthe securities of Monica Resources Ltd., nor do I intend to receive any interest.

6) This report dated December 12, 1983 is based upon field examinations of the Rabbitt Mine on May 10, 1981, June 4, October 29, and December 3, 1983, a study of the available reports and published information on the subject claims as well as personal communications.

7) I have examined claims in the area of LAW'S Camp that are located within ten kilometres of the subject mineral claim group during the past five years.

8) Written permission is required from the writer to publish this report dated December 12, 1983 in any Prospectus or Statement of Material Facts.

DATED at West Vancouver, British Columbia this 19th day of December, 1983.

Donald W. Tully

Donald W. Tully, P. Eng.

DON TULLY ENGINEERING LTD.
SUITE 102 - 2222 BELLEVUE AVENUE
WEST VANCOUVER, BRITISH COLUMBIA
V7V 1C7

APPENDIX

DON TULLY ENGINEERING LTD.
SUITE 1205, 555 - 13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

HOLE No. DDH #1 - 83

CLAIM Gail Gold

Loc'n PROPERTY East Side of Open Pit

COMPANY MONICA RESOURCES LTD.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DEPTH 50.91m (167.0')
CORE SIZE 46mm (NQ)
HOLE DIRECTION 204°
DIP 45°
collar ELEV. 1137.6m PAGE No. 1 of 1

LENGTH IN METRES FROM	TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Length Metres	AU ozs	AG ozs	ZN	CU %
0.0	4.73	Casing									
	4.88	Quartz ankerite breccia, no sulphides	observed	1500			0.15	0.009	0.13	-	0.008
	5.27	Quartz ankerite breccia as above section									
	5.79	Dacitic dyke, fine dark inclusions									
	7.62	Diorite - phase of "Flower porphyry"									
	9.15	Dacitic dyke as above type									
	10.67	Dacitic dyke as above type - carbonated buff color									
	11.46	Argillite, gritty phase with ± 40%	quartz veins	1501			0.79	0.099	0.05	-	0.003
	16.92	Dacitic dyke as above type									
	25.46	Argillite, massive chloritic, fine qtz,	sparse diss.py.								
	25.91	Fault gouge zone @ 25 - 40° c/a									
	32.01	Argillite as above section									
	32.32	Fault - shear zone (no apparent displacement)									
	38.87	Argillite as above section									
	42.53	Diorite - phase of "Flower type"									
	50.91	Dacitic dyke, fine dark inclusions (this section contains									
		15 cm inclusions or ? bands of argillite at 48.32 and									
		49.39)									
		END OF HOLE									

LEGEND

C/A - CORE AXIS
Bx - BRECCIATED
N.A - NOT ASSAYED
Diss - DISSEMINATED
f.g.-fine-grained
m.g.-med. grained

CORE STORED ON LOCATION

py - PYRITE
Mg - MAGNETITE
Pb - GALENA
Zn - SPHALERITE
Po - PYRRHOTITE
Cupy - Chalcopyrite

CORE Logged by: D.W. Tully, P. Eng.,
CORE Split by: D.N.H.
HOLE STARTED: October 12, 1983
HOLE FINISHED: October 19, 1983

HOLE No DDH #2 - 83

CLAIM Gail Gold

Loc'n PROPERTY East Side of Open Pit

COMPANY ____ MONICA RESOURCES LTD. ____

DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DEPTH 61.59m (202.0')
CORE SIZE 46 mm (NQ)
HOLE DIRECTION 225°
DIP 59°
collar ELEV 1137.6m

LENGTH IN METRES FROM	TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Length Metres	AU ozs	AG ozs	EM	CU %
0.0	4.42	Casing									
	5.49	Quartz ankerite breccia, no sulphides observed		1502			1.07	0.011	0.05	-	0.001
	6.10	Argillite, gritty phase, broken ground, limonite stained									
	6.40	Quartz ankerite breccia, no sulphides observed		1503			0.30	0.006	0.05	-	0.002
	6.71	Sediments, carbonated and gossaned									
	6.86	Quartz ankerite breccia, no sulphides observed		1504			0.15	0.004	0.06	-	0.002
	8.23	Sediments as above section									
	8.54	Quartz ankerite breccia, few grains	pyrite	1505			0.31	0.005	0.05	-	1.003
	11.89	Sediments (?), chloritized, scattered grains pyrite									
	17.68	Argillite, broken ground, sheared with limonite stain									
	19.97	Fault-shear zone (no apparent displacement)									
	23.02	Feldspar porphyry dyke									
	23.78	Argillite as above, massive gritty	phase with fine								
		quartz-calcite veining									
	24.09	Argillite with ± 50% quartz calcite	veining								
	26.52	Argillite, chloritic, sheared									
	26.98	Shear-fault zone									
	29.88	Argillite, chloritic, sheared, 20% quartz calc. veining									
	32.32	Sediments (?), carbonated, 10-20% quartz veinlets.									

LEGEND

C/A - CORE AXIS
Bx - BRECCIATED
N/A - NOT ASSAYED
Diss. - DISSEMINATED
f.g. - fine-grained
m.g. - med. grained

CORE STORED ON LOCATION

py - PYRITE
Mg - MAGNETITE
Pb - GALENA
Zn - SPHALERITE
Po - PYRRHOTITE
Cupy - Chalcopyrite

CORE Logged by: D.W. Tully, P.Eng.,
CORE Split by: D.N.H.
HOLE STARTED: October 20, 1983
HOLE FINISHED: October 24, 1983

HOLE No DDH #2 - 83

CLAIM Gail Gold

Loc'n East Side of Open Pit
PROPERTY

COMPANY MONICA RESOURCES LTD.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DEPTH 61.59m (202.0')
CORE SIZE 46 mm (NQ)
HOLE DIRECTION 225°
DIP 59°
collar ELEV. 1137.6m

LENGTH IN METRES FROM	TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Length Metres	AU ozs	AG ozs	ZN	CU %	
32.32	35.37	Sediments as above section + 30% quartz veining										
	35.67	Shear - fault zone (no apparent displacement) @ 45° c/a										
	38.26	Sediments (?) as above section										
	44.21	Diorite - phase of "Flower type",	massive									
	44.66	Dacitic dyke, greenish grey type, sparse diss. pyrite										
	47.10	Diorite as above section										
	47.26	Dacitic dyke as above section										
	56.25	Diorite as above										
	56.86	Dacitic dyke as above										
	61.59	Diorite as above										
		END OF HOLE										

LEGEND

C/A - CORE AXIS
Bx - BRECCIATED
N/A - NOT ASSAYED
Diss. - DISSEMINATED
f.g. - fine-grained
m.g. - med. grained

CORE STORED ON LOCATION

py - PYRITE
Mg - MAGNETITE
Pb - GALENA
Zn - SPHALERITE
Po - PYRRHOTITE
Cupy - Chalcopyrite

CORE Logged by: D.W. Tully
CORE Split by: D.N.H.
HOLE STARTED: October 20, 1983
HOLE FINISHED: October 24, 1983

HOLE No DDH #3 - 83

CLAIM Gail Gold

Loc'n PROPERTY 12 m. South of Open Pit

COMPANY MONICA RESOURCES LTD.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DEPTH 33.69m (110.5')
CORE SIZE 46mm (NQ)
HOLE DIRECTION 316°
DIP 47 °
collar ELEV. 1150.0m.

LENGTH IN METRES FROM	TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Length Metres	AU ozs	AG ozs	ZN	CU %	
0.0	6.10	Casing										
	9.45	Argillite, broken ground, gritty phase contains fragments										
		of porphyry										
	9.76	Fault gouge										
	12.80	Argillite as above										
	13.72	Argillite, chloritic phase, sheared limonite stain										
	14.48	Argillite as above with 20% porcelaneous quartz		1506			0.80	0.033	0.07	-	0.004	
	15.09	Argillite as above with 30% porcelaneous quartz		1507			0.61	0.015	0.06	-	0.001	
	15.70	Argillite as above with 30% porcelaneous quartz		1508			0.61	0.020	0.20	-	0.017	Uncut
	16.01	Porcelaneous quartz vein, sparse disseminated pyrite,										Average
		dark chlorite incls.		1509	15.70		0.31	0.064	0.20	-	0.028	) 0.232 Au
	16.62	Porcelaneous quartz vein as above + diss. cupy.		1510		16.62	0.61	0.318	0.37	-	0.34	) 0.92 m
	16.92	Quartz ankerite breccia, py. not observed		1511			0.30	0.013	0.08	-	0.003	
	18.14	Sediments, carbonated, buff colored (marbelized limestone?)										
	19.66	Diorite dyke (younger phase)										
	19.82	Diorite dyke (younger phase) 3 cm porcel. vein		1512			0.16	0.005	0.10	-	0.004	
	20.27	Diorite dyke (younger phase)										
	25.30	Dacitic dyke, fine dark inclusions										
	26.10	Contact phase of Feldspar porphyry dyke, diss. py.		1513			0.80	0.005	0.02	-	0.006	

LEGEND

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f.g. - fine-grained
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CORE STORED ON LOCATION

py - PYRITE
Mg - MAGNETITE
Pb - GALENA
Zn - SPHALERITE
Po - PYRRHOTITE
Cupy - Chalcopyrite

CORE Logged by: D.W. Tully, P. Eng.,
CORE Split by: D.N.H.
HOLE STARTED: October 26, 1983
HOLE FINISHED: November 1, 1983

HOLE No DDH #3 - 83

CLAIM Gail Gold

Loc'n PROPERTY 12 m. South of Open Pit

COMPANY MONICA RESOURCES LTD.

DIAMOND DRILL CORE LOG - SAMPLE RECORD

HOLE DEPTH 33.69m (110.5')
CORE SIZE 46 mm (NQ)
HOLE DIRECTION 316°
DIP 47°
collar ELEV 1150.0m.

LENGTH IN METRES FROM	TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Length Metres	AU ozs	AG ozs	ZN	CU %	
2610	27.59	Feldspar porphyry dyke										
	28.20	Quartz ankerite breccia, few disseminated grains pyrite,										
		cupy.		1514	27.59		0.611	1.478	0.54	-	0.002	) Uncut
	28.81	Quartz ankerite breccia as above sample		1515			0.61	2.710	0.85	-	0.022	) average
	29.42	Quartz ankerite breccia as above sample		1516		29.42	.61	0.748	0.31	-	0.022	) 1.645 Au
	29.76	Quartz ankerite breccia as above sample		1517				0.005	0.10	-	0.001	) 1.83 m
		END OF HOLE										

LEGEND

C/A - CORE AXIS
Bx - BRECCIATED
N/A - NOT ASSAYED
Diss. - DISSEMINATED
f.g. - fine-grained
m.g. - med. grained

CORE STORED ON LOCATION

py - PYRITE
Mg - MAGNETITE
Pb - GALENA
Zn - SPHALERITE
Po - PYRRHOTITE
Cupy - Chalcopyrite

CORE Logged by: D.W. TULLY, P. ENG.,
CORE Split by: D.N.H.
HOLE STARTED: October 26, 1983
HOLE FINISHED: November 1, 1983

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH:253-3158 TELEX:04-53124

DATE RECEIVED OCT 19 1983

DATE REPORTS MAILED Oct 26/83

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
SAMPLE TYPE - SOIL & ROCK

ASSAYER _____ DEAN TOYE, CERTIFIED B.C. ASSAYER

STRATO GEOLOGICAL PROJECT # 512 FILE # 83-2633 PAGE# 1

SAMPLE	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
0+50N 2W	31	8	130	.3	12	5
0+50N 1+75W	57	8	101	.2	7	5
0+50N 1+50W	27	8	92	.2	7	5
0+50N 1+25W	23	7	63	.1	3	20
0+50N 1W	85	8	133	.3	7	15
0+50N 0+75W	16	11	97	.2	5	5
0+50N 0+50W	45	11	104	.3	5	110
0+50N 0+25W	36	11	107	.2	8	75
0+50N 0W	285	22	141	.7	16	800
0+50N 0+25E	76	9	106	.1	5	5
0+50N 0+50E	98	11	141	.1	10	5
0+50N 0+75E	46	7	99	.1	6	5
0+50N 1E	31	5	99	.2	9	5
0+50N 1+25E	51	10	107	.1	10	5
0+50N 1+50E	31	19	123	.2	8	5
0+50N 1+75E	42	10	83	.2	10	5
0+50N 2E	19	11	77	.2	12	5
0N 1+50W	26	8	145	.3	9	5
0N 1+25W	31	8	134	.3	7	25
0N 1W	27	8	96	.3	5	5
0N 0+75W	54	21	225	.1	9	190
0N 0+50W	164	11	101	.3	8	5
0N 0+25W	64	10	113	.2	9	5
0N 0W	109	26	178	.2	13	115
0N 0+25E	53	10	133	.1	8	5
0N 0+50E	51	9	138	.1	4	5
0N 0+75E	42	8	139	.2	5	5
0N 1E	46	9	144	.3	19	5
0N 1+25E	64	10	91	.1	8	10
0N 1+50E	25	8	180	.3	6	5
0N 1+75E	31	7	124	.2	5	5
0N 2E	64	12	131	.2	6	5
0+50S 1+50W	41	9	110	.2	9	5
0+50S 1+25W	53	9	127	.2	11	5
0+50S 1W	35	11	92	.1	6	5
0+50S 0+75W	76	7	108	.1	3	5
0+50S 0+50W	28	48	163	1.5	6	1550
STD A-1/AU 0.5	30	40	184	.3	11	510

SAMPLE	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
0+50S 0+25W	53	10	102	.2	2	5
0+50S 0W	27	7	100	.3	4	5
0+50S 0+25E	35	9	120	.2	4	5
0+50S 0+50E	84	11	123	.3	38	5
0+50S 0+75E	73	9	120	.5	17	5
0+50S 1E	35	11	86	.3	6	5
0+50S 1+25E	34	12	135	.3	4	5
0+50S 1+50E	21	7	111	.3	3	5
0+50S 1+75E	28	9	84	.3	4	5
1S 1+50W	42	10	123	.4	8	5
1S 1+25W	47	7	97	.4	7	5
1S 1W	42	11	92	.3	2	5
1S 0+75W	32	7	120	.3	5	75
1S 0+50W	42	7	107	.3	2	5
1S 0+25W	45	9	67	.4	4	10
1S 0W	31	10	70	.3	6	5
1S 0+25E	80	10	109	.1	16	5
1S 0+50E	34	8	123	.2	7	5
1S 0+75E	146	10	141	.4	13	5
1S 1E	55	11	177	.3	3	10
1S 1+25E	28	9	140	.2	8	5
1S 1+50E	55	12	99	.2	5	5
1S 1+75E	27	10	121	.3	6	5
1+50S 1+50W	50	8	152	.4	3	5
1+50S 1+25W	40	10	92	.5	9	5
1+50S 0+50W	34	11	100	.1	5	5
1+50S 0+25W	109	11	118	.3	10	25
1+50S 0W	69	7	74	.5	7	5
1+50S 0+25E	163	14	169	.6	15	25
1+50S 0+50E	47	13	125	.2	8	5
1+50S 0+75E	84	8	166	.5	6	5
1+50S 1E	37	11	193	.4	7	5
1+50S 1+25E	27	9	185	.3	2	5
1+50S 1+50E	24	12	209	.4	3	5
2S 1+50W	23	10	171	.3	4	5
2S 1+25W	44	10	109	.4	8	5
2S 1W	45	10	108	.1	6	5
STD A-1/AU 0.5	30	40	183	.3	10	510

STRATO GEOLOGICAL PROJECT # 512 FILE # 83-2633 PAGE# 3

SAMPLE	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
2S 0+75W	45	7	105	.4	7	5
2S 0+50W	23	5	93	.3	5	5
2S 0+25W	18	7	100	.3	8	5
2S 0W	41	7	120	.2	17	5
2S 0+25E	36	9	123	.4	9	5
2S 0+50E	63	8	106	.4	9	5
2S 0+80E	43	8	134	.4	9	5
2S 1E	27	9	110	.3	7	5
2S 1+25E	38	14	202	.5	6	5
2S 1+50E	55	8	226	.4	8	5
2+50S 1+50W	34	4	150	.4	6	5
2+50S 1+25W	50	10	141	.5	3	5
2+50S 1W	44	6	104	.4	5	5
2+50S 0+75W	55	9	108	.3	14	5
2+50S 0+50W	31	9	118	.4	8	5
2+50S 0+25W	45	6	111	.5	12	5
2+50S 0W	38	10	116	.3	12	5
2+50S 0+25E	26	8	108	.3	3	5
2+50S 0+50E	22	8	129	.2	5	5
2+50S 0+75E	52	10	124	.4	12	5
2+50S 1E	29	5	128	.3	10	5
2+50S 1+25E	20	10	125	.2	10	5
2+50S 1+50E	62	18	277	.6	8	5
2+50S 1+75E	39	8	297	.5	8	5
2+50S 2E	44	6	139	.3	7	5
3S 1+50W	41	6	130	.5	7	5
3S 1+25W	111	9	139	.8	3	5
3S 1W	55	6	105	.3	3	5
3S 0+75W	53	9	113	.2	10	5
3S 0+50W	30	7	117	.4	10	15
3S 0+25W	25	7	117	.2	7	5
3S 0W	25	10	136	.4	5	25
3S 0+25E	27	8	107	.2	9	5
3S 0+50E	23	8	190	.2	8	5
3S 0+75E	56	11	151	.6	11	5
3S 1E	137	12	135	.4	12	5
3S 1+25E	64	7	148	.3	15	5
STD A-1/AU 0.5	30	39	182	.3	10	500

SAMPLE	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
3S 1+50E	58	6	174	.4	13	5
3S 1+75E	51	11	282	.4	5	5
3S 2E	77	12	184	.4	13	5
3+50S 1+75W	55	10	123	.3	12	5
3+50S 1+50W	43	10	138	.3	13	5
3+50S 1+25W	73	11	113	.3	12	5
3+50S 1W	57	8	121	.2	13	5
3+50S 0+75W	30	5	145	.4	7	5
3+50S 0+50W	32	10	128	.2	9	5
3+50S 0+25W	30	10	113	.3	7	45
3+50S 0W	34	11	126	.3	12	5
3+50S 0+25E	45	10	117	.1	12	5
3+50S 0+50E	29	11	187	.3	13	5
3+50S 0+75E	97	16	217	.4	10	5
3+50S 1E	106	12	248	.3	10	5
3+50S 1+25E	146	13	322	.7	17	5
3+50S 1+50E	130	14	296	.5	11	5
3+50S 1+75E	52	9	235	.3	2	5
3+50S 2E	43	8	123	.4	7	5
4S 1+75W	51	8	98	.1	7	5
4S 1+50W	39	9	119	.2	7	5
4S 1+25W	60	12	115	.4	13	5
4S 1W	24	7	85	.2	5	5
4S 0+75W	44	9	222	.4	18	5
4S 0+50W	52	12	117	.2	9	5
4S 0+25W	35	7	119	.3	4	5
4S 0W	51	8	116	.4	16	5
4S 0+25E	40	13	110	.2	7	5
4S 0+50E	29	10	127	.3	9	5
4S 0+75E	31	11	303	.3	8	5
4S 1E	51	5	122	.2	7	25
4S 1+25E	33	5	99	.2	11	5
4S 1+50E	80	19	284	.7	12	5
4S 1+75E	64	10	194	.3	14	5
4S 2E	75	10	146	.4	11	5
STD A-1/AU 0.5	31	38	181	.3	11	540

STRATO GEOLOGICAL PROJECT # 512 FILE # 83-2633 PAGE# 5

SAMPLE	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	Au* ppb
4+50S 2W	40	11	103	.3	10	5
4+50S 1+75W	52	9	95	.3	16	5
4+50S 1+50W	36	8	87	.3	13	5
4+50S 1+25W	32	5	91	.3	9	5
4+50S 1W	36	10	136	.4	15	5
4+50S 0+75W	29	7	114	.3	7	40
4+50S 0+50W	52	5	94	.2	9	5
4+50S 0+25W	24	8	124	.3	5	10
4+50S 0W	55	6	93	.3	8	5
4+50S 0+25E	49	8	110	.2	8	5
4+50S 0+50E	36	9	101	.2	10	5
4+50S 0+75E	25	7	201	.4	7	5
4+50S 1E	31	3	135	.4	7	5
4+50S 1+25E	70	10	133	.4	6	5
4+50S 1+50E	47	11	201	1.1	12	50
4+50S 1+75E	65	10	170	.3	15	5
4+50S 2E	52	13	208	.4	5	15
5S 2W	54	7	93	.3	11	5
5S 1+75W	42	9	111	.2	11	5
5S 1+50W	49	10	102	.2	7	15
5S 1+25W	35	8	96	.3	13	10
5S 1W	39	6	107	.1	2	5
5S 0+75W	45	6	103	.2	8	5
5S 0+50W	36	6	98	.1	11	5
5S 0+25W	28	8	141	.1	7	5
5S 0W	17	5	54	.1	3	5
5S 0+25E	31	9	89	.2	8	5
5S 0+50E	54	14	99	.2	11	5
5S 0+75E	29	9	233	.4	7	5
5S 1E	34	2	181	.2	3	5
5S 1+25E	33	5	103	.4	6	5
5S 1+50E	62	11	165	.9	10	610
5S 1+75E	42	7	120	.3	6	10
5S 2E	23	8	162	.3	5	10
STD A-1/AU 0.5	29	37	179	.3	11	530

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE. SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED OCT 19 1983 DATE REPORTS MAILED Oct 26/83 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

STRATO GEOLOGICAL PROJECT # 512 FILE # 83-2633 PAGE # 6

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au# ppb
M-001-83	3	79	18	147	.4	7	4	144	1.82	85	2	ND	2	6	1	2	2	17	.07	.02	8	7	.04	54	.01	4	.34	.01	.18	2	65
M-002-83	3	4870	305	2676	14.4	10	3	149	1.10	15	2	33	2	9	18	7	4	2	1.36	.02	2	6	.04	7	.01	3	.08	.01	.03	2	61000
M-003-83	2	2089	538	1749	3.7	6	5	281	1.64	11	2	3	2	5	17	4	3	5	1.42	.02	3	7	.06	24	.01	4	.24	.01	.08	2	7800
M-004-83	2	320	723	1326	9.1	5	2	194	1.15	5	2	30	2	2	19	2	4	3	.15	.01	3	7	.06	16	.01	3	.22	.01	.07	2	21400
M-005-83	4	101	16	779	.6	5	4	439	2.09	4	4	ND	2	83	4	2	2	5	3.30	.03	5	3	.68	39	.01	5	.34	.01	.16	2	40
M-006-83	2	28	22	96	.5	11	9	513	3.43	27	3	ND	2	29	1	2	2	20	3.78	.05	9	6	.58	62	.01	7	1.30	.02	.17	2	165
M-007-83	1	31	24	96	.4	47	18	474	3.65	90	4	ND	2	14	1	2	2	21	1.51	.05	7	4	.32	62	.01	7	.99	.03	.16	2	30
M-008-83	2	78	10	68	.5	8	8	284	1.98	15	2	ND	2	10	1	2	2	16	1.05	.04	5	8	.29	32	.01	5	.61	.03	.11	2	5
M-009-83	2	33	28	149	.4	11	2	192	1.13	4	2	ND	2	4	1	2	2	5	.08	.02	2	9	.04	20	.01	4	.19	.01	.06	2	20
M-010-83	2	43	16	231	.3	13	8	417	2.49	5	2	ND	2	10	1	2	2	30	.23	.06	9	11	.14	48	.01	7	.87	.02	.22	2	5
M-011-83	3	3090	586	2441	6.2	6	2	167	.94	10	2	8	2	14	15	5	7	2	2.33	.01	2	7	.03	5	.01	2	.06	.01	.02	2	35600
M-012-83	3	16	10	38	.2	5	2	230	1.06	5	2	ND	2	3	1	2	2	6	.48	.01	2	7	.05	15	.01	3	.14	.01	.03	2	1090
M-013-83	4	33	22	57	.3	9	4	399	2.04	16	2	ND	2	4	1	2	2	6	.09	.02	4	12	.03	32	.01	4	.21	.01	.09	2	580
M-014-83	9	26	45	98	.4	24	12	1104	5.77	60	2	ND	3	6	1	2	2	14	.34	.08	9	5	.11	93	.01	9	.67	.01	.28	2	20
M-015-83	2	278	6	163	.3	12	25	1733	7.76	30	3	ND	2	28	2	2	2	49	2.24	.32	22	1	.36	54	.01	12	1.49	.01	.33	2	145
M-016-83	2	2948	405	1376	7.9	16	11	570	3.12	12	2	3	2	3	5	6	5	10	.09	.04	5	9	.08	31	.01	6	.42	.01	.15	2	10200
M-017-83	1	34	5	72	.2	7	8	278	3.54	2	2	ND	2	39	1	3	2	77	.66	.18	7	11	1.95	44	.08	6	2.35	.03	.09	2	5
M-018-83	1	64	10	86	.3	12	13	1034	4.84	68	5	ND	2	128	1	2	2	80	3.74	.09	2	5	1.93	43	.01	8	1.99	.02	.19	2	45
M-019-83	2	21	3	7	.2	2	1	101	.75	2	2	ND	2	2	1	2	2	3	.05	.01	2	9	.04	4	.01	2	.08	.01	.01	2	5
M-020-83	1	21	17	116	20.5	5	4	433	1.91	5	2	98	2	10	1	2	2	7	1.85	.02	4	6	.07	32	.01	5	.33	.01	.12	2	4300
M-021-83	1	45	1	32	.4	136	28	347	3.67	8	2	ND	2	77	1	2	2	38	1.21	.15	4	138	1.64	127	.30	6	1.92	.02	.12	2	5
M-022-83	1	41	7	13	.4	23	6	644	1.27	4	2	ND	2	455	1	2	2	33	9.88	.03	6	80	1.11	13	.01	3	1.02	.02	.03	2	5
M-023-83	1	59	5	36	.6	79	21	903	3.81	102	2	ND	2	296	1	2	2	48	9.26	.06	2	151	2.60	59	.01	6	.60	.02	.08	2	5
STD A-1/AU 0.5	1	30	38	178	.3	35	12	1038	2.79	9	2	ND	2	35	1	2	2	58	.60	.10	7	72	.73	276	.09	8	2.07	.02	.19	2	520

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppb.
AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. SAMPLE TYPE - P1 ROCK P2 SLUDGE

DATE RECEIVED NOV 7 1983 DATE REPORTS MAILED Nov 15/83 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

STRATO GEOLOGICAL PROJECT # 512 FILE # 83-2864

SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
A	2	550	614	197	31.9	7	3	195	1.13	6	24	96	2	4	1	2	15	16	.06	.01	2	4	.07	17	.01	2	.24	.01	.04	2	36000
B	8	174	92	306	1.0	23	16	476	3.21	71	12	ND	2	10	1	2	7	14	.19	.06	8	4	.06	51	.01	2	.61	.02	.10	2	3300
C	5	106	42	235	.3	28	8	1399	3.45	45	8	ND	2	10	1	2	5	25	.23	.06	14	6	.18	95	.01	2	.87	.01	.18	2	600

STRATO GEOLOGICAL PROJECT # 512 FILE # 83-2864

SAMPLE	AU* PPB
71.5-76.5 FT	215
76.5-81 FT	55
81-86 FT	520
86-92.5 FT	24240 0.71 oz/T
92.5-98 FT	19200
98-103 FT	1780
103-108 FT	425

General Testing Laboratories
A Division of SGS Supervision Services Inc.

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

TO:
DON TULLY ENGINEERING LTD.
1205 - 555 13th Street
West Vancouver, B.C.
V7T 2N8

MONICA

CERTIFICATE OF ASSAY

No.: 8311-3157 | DATE: Nov. 10/83

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

MARKED	GOLD oz/st	SILVER oz/st	Copper Cu (%)	xxx	xxx	xxx	xxx	xx
1497	0.043	0.08	0.006	N. Face Open Cut K				
1498	1.220	0.61	0.11	Surface Trench B_1				
1499	0.678	0.31	0.010	Raise Opening D_1				
1500	0.009	0.13	0.008	DDH #1				
1501	0.099	0.05	0.003					
1502	0.011	0.05	0.001					
1503	0.006	0.05	0.002	DDH #2				
1504	0.004	0.06	0.002					
1505	0.005	0.05	0.003					
1506	0.033	0.07	0.004					
1507	0.015	0.06	0.001					
1508	0.020	0.20	0.017					
1509	0.064	0.20	0.028					
1510	0.318	0.37	0.34	DDH #3				
1511	0.013	0.08	0.003					
1512	0.005	0.10	0.004					
1513	0.005	0.02	0.006					
1514	1.478	0.54	0.002					
1515	2.710	0.85	0.022					
1516	0.748	0.31	0.022					
1517	0.005	0.10	0.001					

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

L. Wong
PROVINCIAL ASSAYER

General Testing Laboratories
A Division of SGS Supervision Services Inc.

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

TO:
DON TULLY ENGINEERING LTD.
1205 - 555 13th Street
West Vancouver, B.C.
V7T 2N8
MONICA

CERTIFICATE OF ASSAY

No.: 8312-0660 | DATE: Dec. 8/83

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

MARKED	GOLD oz/st	SILVER oz/st	XXX	XXX	XXX	XXX	XXX	XXX
1530 B	0.321	0.10						
1531 B	0.005	0.02						

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

L. Wong
PROVINCIAL ASSAYER

APPENDIX I

DON TULLY ENGINEERING LTD.
SUITE 1205, 555 - 13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

Field Notes

J Langewitz

Monica Resources

Tulameen Project

Oct 9 to 18 / 1983

pages 1 to 6/

GAIL GOLD CLAIM

MONICA RES. LTD.

LEVEL (S)

OCT 14/83

MONICA RESOURCES
VLF SURVEY

IP(+) OP(-)

L 0+50 N		QUAD	L 0+50 S		QUAD
0+00W	-3	+10	0+00W	-10	+7
0+25	-16 -14	+4 +4	0+10	-12	+7
0+50	-8	+6	0+20	-12	+8
0+75	-5	+6	0+30	-11	+8
1+00	-5	+6	0+40	-13	+8
1+25	-6	+7	0+50	-11	+8
1+50	-5	+4	0+75	-7	+8
1+75	-5	+2	1+00	-2	+10
2+00	-4	+3	1+25	0	+10
L 0+00			1+50	0	+8
2+00W	+2	+4	1+75	-8	+2
1+75	-3	+5	2+00	-10	-1
1+50	-5	+4	L 1+00 S		
1+25	-2	+6	2+00W	-4	-2
1+00	-2	+6	1+75	0	+4
0+75	-3	+7	1+50	+4	+15
0+50	-7	+6	1+25	+5 +4	+15 +15
0+25	-8	+6	1+00	-1	+14
0+00	-5 -7	+7 +8	0+75	-6	+12

VEL (S)

Y

L 1+00 S		QUAD			QUAD	
0+50	-13	+10	0+40	-6	+10	
0+40	-12	+9	0+30	-2	+15	O
0+30	-14	+8	0+20	-16	+12	
0+20	-11	+8	0+10	-17	+7	
0+10	-10	+9	0+00	-15	+4	O
0+00	-10	+8	L 2+50 S			
L 1+50 S			0+00W	-13	+2	
0+00W	-9	+12	0+10	-11	+4	O
0+10	-9	+10	0+20	-8	+6	
0+20	-11	+10	0+30	-9	+3	
0+30	-10	+9	0+40	-14	+1	
0+40	-8	+10	0+50	-13	0	
0+50	-6	+10	0+75	-7	+2	
0+75	-2	+14	1+00	-2	+4	
1+00	+5	+15	1+25	-3	+4	
1+25	+7 +10	+13 +12	1+50	-2	+1	C
1+50	+18	+12	L 3+00 S			
L 2+00 S			1+50W	-4	+1	
1+50W	+8	+8	1+25	-6	+1	C
1+25	+9	+12	1+00	-7	+1	
1+00	+5	+12	0+75	-9	+4	
0+75	-1	+10	0+50	-9	+5	C
0+50	-4	+8	0+40	-8	+8	

21

L 3+00S		QUAD
0+30	-9	+10
0+20	-8	+9
0+10	-8	+10
0+00	-7	+11
L 3+50S		OCT. 15/83
0+00W	+2	+12
0+10	+4	+15
0+20	+5	+15
0+30	+8	+16
0+40	+8	+13
0+50	+2	+12
0+75	0	+10
1+00	-10	-2
1+25	-3	+2
1+50	0	+2
1+75	+2	+1
L 4+00S		
1+75W	+2	0
-50	-3	-1
1+25	-4	0
1+00	-6	-1
0+75	-1	+8
0+50	+8	+11
VEL (S)		3/

		QUAD
0+40	+7	+15
0+30	+7	+16
0+20	+5	+16
0+10	+4	+16
0+00	0	+14
L 4+50S		
0+00W	-4	+12
0+10	-1	+12
0+20	0	+11
0+30	+1	+10
0+40	0	+8
0+50	+2	+8
0+75	+8	+10
1+00	+2	+1
1+25	-4	-2
1+50	-1	-4
1+75	+2	-2
2+00	+6	-1
L 5+00S		
2+00W	+8	-2
1+75	+2	-4
1+50	-1	-5
1+25	0	-4

L 5+00S		QUAD
1+00	+10	+6
0+75	+8 +5	+8 +7
0+50	+2	+8
0+40	-1	+9
0+30	-2	+9
0+20	-6	+10
0+10	-5	+11
0+00	-8	+12
L 6+00S		
0+10E	-17	+12
0+20	-20	+11
0+30	-23	+9
0+40	-23	+7
0+50	-28	+5
0+75	-30	+4
1+00	-19 -11	+14 +17
1+25	-17 -22	+13 +5
1+50	-14 -11	0 -2
1+75	-6 +1	-6 -7
2+00	+8 +7	-7 -6
L 4+50S		
2+00E	+11	-5
1+75	+2	-6

			QUAD
1+50	-15 -20	-4 +3	
1+25	-24 -6	+0 +10	
1+00	-12 -8	+16 +18	
0+75	-12 -26	+13 +4	
0+50	-29 -25	+2 +5	
0+40	-22	+7	
0+30	-20	+8	
0+20	-16	+10	
0+10	-13	+11	
L 4+00S			
0+00E	-5	+12	
0+20	-11	+10	
0+30	-14	+10	
0+40	-14	+10	
0+50	-16	+9	
0+75	-18	+12	
1+00	-22 -23	+17 +15	
1+25	-26	+6	
1+50	-13 -4	+2 -1	
1+75	-1	-2	
2+00	+3 -3	-7 -8	
			4

		QUAD
L 3+50S		
1+00E	-2	-2
1+75	+4	-2
1+50	-5	0
1+25	-14	+9
1+00	-29	+10
0+75	-21	+15
0+50	-12	+15
0+40	-9	+14
0+30	-8	+12
0+20	-5	+12
0+10	-4	+13
L 3+00 S		
0+25E	-9	+11
0+50	-12	+12
0+75	-17	+14
1+00	-21	+10
1+25	+16	+16
1+50	+17	+11
1+75	+24	+8
2+00	+16	+9
L 2+50S		
2+00E	+10	-1

		QUAD
1+75E	+25	+6
1+50	+17	+11
1+25	+11	+12
1+00	-15	+4
0+75	-16	+9
0+50	-13	+11
0+25	-14	+8
L 2+00S		
0+25E	-13	+10
0+50	-15	+9
0+75	-18	+4
1+00	-6	+6
1+25	+4	+7
1+50	+25	+6
1+75	+20	+2
L 1+50S		
1+50	+24	+2
1+25	+4	0
1+00	-19	+2
0+75	-28	0
0+50	-18	+7
0+25	-15	+12
0+00	-11	+11

		QUAD			
L 1+00S			1+75	+3	+6
0+25E	-13	+13	2+00	0	+2
0+50	-22	+7	L 0+50N		
0+75	-22	+5	2+00E		
1+00	-15	-2	1+75	-3	0
1+25	+14	-3	1+50	-1	+2
1+50	+16	-2	1+25	-9	0
1+75	+23	-1	1+00	-16	+6
L 0+50S			0+75	-30	+6
1+75E	+21	+3	0+50	-16	+14
1+50	+14	0	0+25	+2	+12
1+25	+2	-6	0+00	+1	+10
1+00	-26	-2			
0+75	-34	+5			
0+50	-20	+10			
0+25	-4	+15			
L 0+00					
0+25E	0	+16			
0+50	-16	+11			
0+75	-36	+5			
1+00	-34	+9			
1+25	-11	0			
1+50	-7	-3			

DON TULLY ENGINEERING LTD.
SUITE 1205, 555-13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

August 30, 1984

6437

Monica Resources Ltd.
Suite 100
450 West Georgia Street
Vancouver, B.C.
V6B 1Z3

Dear Sirs:

Re: Letter from Ministry of Energy, Mines and Petroleum Resources dated July 6, 1984

File No. 166 - Similkameen Geophysical and Geochemical Report #84-40

Enclosed are two copies of the subject report with amendments as requested.

In response to the request from the Ministry to state the geophysical survey method/model of measurements used as per section 6(4) of the Mineral Act Regulations, the following is submitted for approval;

1) Magnetometer - Scintrex MP-2, Serial #8007643 used during the survey

- Total intensity survey - DATUM 56,000 gammas

- All survey lines were "closed". The field survey data was corrected for diurnal drift.

- This information is shown on amended Figure 12, in each copy of report #84-40.

2) VLF-EM - Geonics instrument model EM-16, Serial No. 1623 Receiver

- Measurements of dip angle (in-phase) and quadrature (out-of-phase) taken in plane at right angles to transmitter station MPG (Jim Creek) Seattle, Washington, frequency 24.8 KHz. The direction of reading with respect to station NPG

- is shown on Figure 13 amended and inserted following page 17 in each copy of report #84-40.

A copy of the field notes (raw data) is attached herewith as per sections 6(10), 6(11) and has been inserted at the end of each copy of report #84-40.

3. An additional Figure 14 has been inserted in the pocket at the end of each copy of report #84-40 showing the location of the grid in relation to claims as per section 6(7).

4. Discussed under (1) above.

Respectfully submitted,

Donald W. Tully

Donald W. Tully, P. Eng.

Attachments
Copy of letter dated
July 6, 1984

cc. Strato Geological

DON TULLY ENGINEERING LTD.
SUITE 1205, 555 - 13TH STREET
WEST VANCOUVER, BRITISH COLUMBIA
V7T 2N8

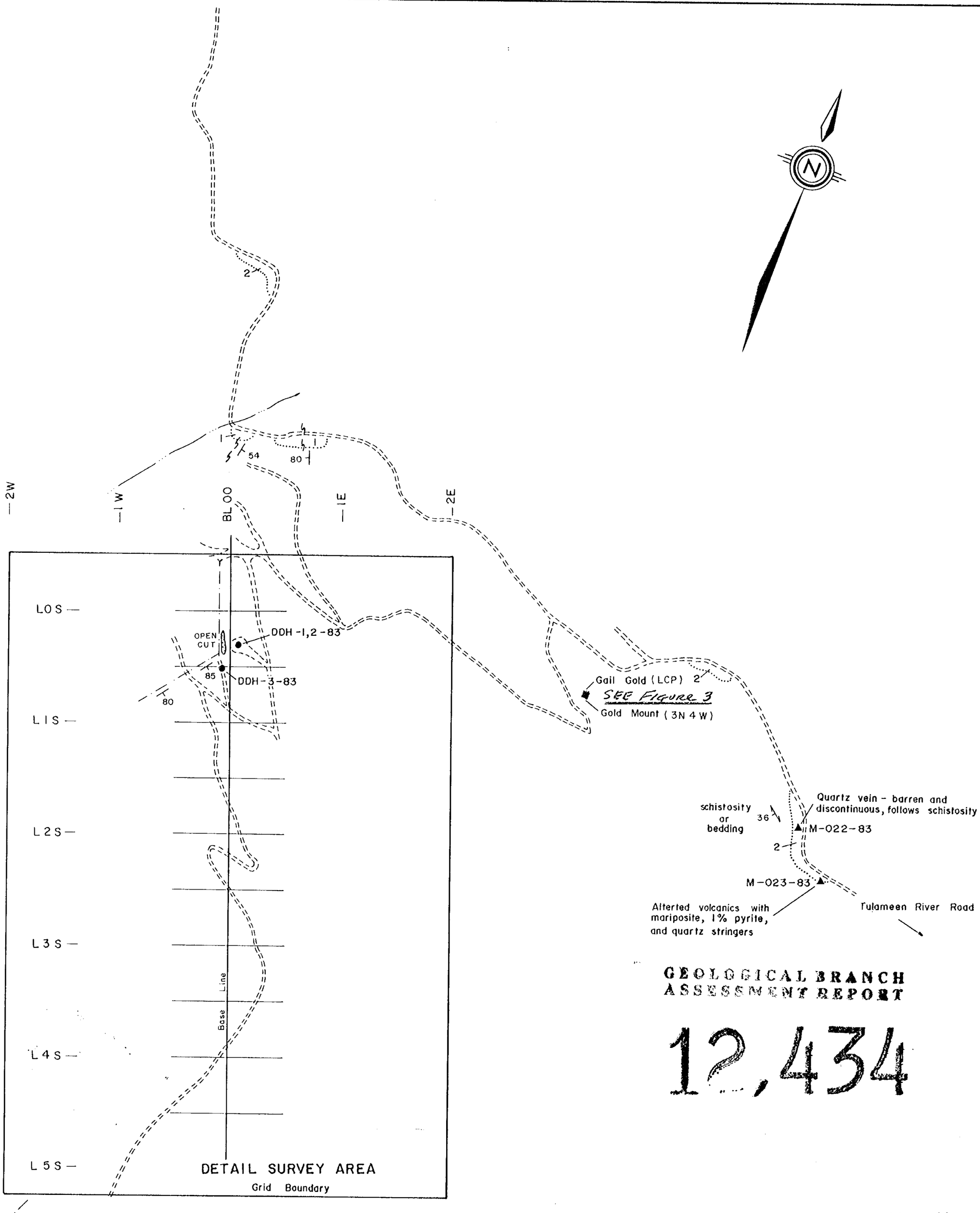

FIGURE 14

LEGEND

- 1 — Flower porphory – plagioclase feldspar porphyry groundmass very fine grained, dark grey to green
- 2 — Intermediate volcanics – andesitic to basaltic, with plagioclase and pyroxene (augite) phenocrysts, some alteration to chlorite and amphibole, greenish
- 3 — Zones of quartz flood and mineralization – areas of alteration, very siliceous, with 1-3% pyrite
- Quartz vein
- Sheer zone
- 80 — Strike and dip
- Rock sample location
- Outcrop
- Claim post
- Creek
- Road
- Diamond drill hole

Donald W. Tully

MONICA RESOURCES LTD.

SIMILKAMEEN M.D. – N.T.S. 92H/10W
TULAMEEN, B.C.

DETAIL GRID SURVEY AREA & ROADSIDE GEOLOGY

100 0 100 m

To accompany a report by:
D.W. TULLY, P.ENG.

DRAWN BY: MP/DNH

DATED: DEC.12, 1983

STRATO GEOLOGICAL ENGINEERING LTD.