018870 104A 038

EFFECTIVE DATE: May 9, 1988

AMENDMENT NO. 2 OF THE PROSPECTUS OF MOCHE RESOURCES INC., as amended on April 25, 1988.

1. Heading on the Cover Page is amended to reflect a change in the amount of the public offering from $225,000.00 for 450,000 common shares to $220,000.00 for 550,000 common shares as follows:

MOCHE RESOURCES INC.
(the "Issuer")

$220,000.00

550,000 COMMON SHARES

The table on the Cover Page is amended as follows:

PRICE: $0.40 per SHARE

	Price to the Public (1)	Agents' Commission(2)	Net Proceeds to the Issuer (3)
Per Share	$0.40	$0.05	$0.35
Total	$220,000	$27,500	$192,500

Note 3 to the table on the cover page is amended as follows:

(3) *Before deducting offering expenses estimated to be $25,000 which will be paid by the Issuer.*

3. On the second page of the Prospectus, the fourth and fifth paragraphs are amended as follows:

UPON COMPLETION OF THIS OFFERING, THIS ISSUE WILL REPRESENT **29.47%** OF THE SHARES THEN OUTSTANDING AS COMPARED TO **46.62%** THAT WILL THEN BE OWNED BY PROMOTERS, DIRECTORS AND OFFICERS OF THE ISSUER, ASSOCIATES OF THE AGENTS, AND THOSE PERSONS OR GROUP OF PERSONS WHO OWN BENEFICIALLY, DIRECTLY OR INDIRECTLY, VOTING SECURITIES CARRYING MORE THAN 20% OF THE VOTING RIGHTS ATTACHED TO THE OUTSTANDING VOTING SECURITIES OF THE ISSUER, FOR FURTHER PARTICULARS SEE THE SECTIONS CAPTIONED "PROMOTER", AND "INTEREST OF MANAGEMENT IN MATERIAL TRANSACTIONS" AND "PRINCIPAL HOLDERS OF SECURITIES" HEREIN.

WE, AS AGENTS, CONDITIONALLY OFFER TO THE PUBLIC AND THROUGH THE FACILITIES OF THE EXCHANGE AND SUBJECT TO PRIOR SALE, **550,000** COMMON SHARES, IF, AS AND WHEN ISSUED BY THE ISSUER AND ACCEPTED BY US IN ACCORDANCE WITH THE CONDITIONS CONTAINED IN THE AGENCY/UNDERWRITING AGREEMENT REFERRED TO IN THE SECTION CAPTIONED "PLAN OF DISTRIBUTION" HEREIN.

On the second page of the Prospectus the listing of the Agents is amended as follows:

Agents

JEFFERSON SECURITIES INC.
#300 - 1040 West Georgia Street
Vancouver, British Columbia
V6E 4H1

4. The paragraph under the heading "The Offering" of the PROSPECTUS SUMMARY is amended as follows:

The Offering

Amount: $220,000.00

Offering: 550,000 Common Shares

Price: $0.40 per share

Use of Proceeds: The estimated net proceeds of $192,500.00 be received by the Issuer from this issue, together with cash on hand as at April 25, 1988 of $766.49, will be used to pay legal and accounting costs of this offering, regulatory filing fees, accounts payable, property acquisition costs, exploration program costs and to increase working capital.

5. The paragraph under the heading "Pro Forma Dilution of Investment " in PROSPECTUS SUMMARY is amended as follows:

Pro Forma Dilution of Investment

The net asset value per share after completion of the Offering (but before exercise of any Agents' Warrants) will be $0.1508735 representing a dilution of 62.28% on a fully-diluted basis, or $0.2522668 representing a dilution of 36.93% excluding the escrowed shares.

6. The first paragraph under "Recommended Work" on page 8 of the Prospectus is amended by adding the following sentence:

(e) $120,000 at the date when the Rock of Ages Claims are brought into commercial production of precious or base minerals PROVIDED THAT if commercial production has not been commenced prior to the tenth anniversary of the Option Agreement or if Markovina has not obtained the written consent of Javorsky to a variation of the terms of the Option Agreement, the option granted to Markovina under the Option Agreement shall be void and the Rock of Ages Claims shall be returned to Javorsky.

Markovina may also exercise his option at any time by payment to Javorsky of all the monies set out above.

By an Assignment Agreement of Option Rights dated August 31, 1986 (the "Assignment Agreement") between the Issuer (as Assignee) and Nikica Markovina of 4th Floor - 905 West Pender Street, Vancouver, B.C. (as Assignor), the Issuer acquired from Markovina an option to earn a 100% interest in the Rock of Ages Claims in consideration of the Issuer assuming all obligations of Markovina under the Option Agreement, the payment of $7,500 from the Issuer to Markovina, and the issuance of an aggregate 75,000 shares of the issuer to Markovina, as follows:

(a) 25,000 shares upon the listing of the Issuer's shares on the Vancouver Stock Exchange; and

(b) 50,000 shares upon the completion of Phase I of the work program recommended by Shangri-La Minerals Limited in their report on the Independence Project dated December 22, 1986 (the "Independence Report").

On September 5, 1986, Marco Romero of 560 Cochrane Avenue, Coquitlam, B.C., on behalf of the Issuer, staked four (4) modified grid-system mineral claims, all located in the Skeena Mining Division, more particularly described as follows:

Name of Claim	Units	Record No.	Expiry Date
Ice 1	18	5662	September 5, 1990
Ice 2	18	5663	September 5, 1990
Ice 3	18	5664	September 5, 1990
Ice 4	18	5665	September 5, 1990

(the "Ice Claims").

Marco Romero is a shareholder and Director and Officer of Shangri-La Minerals Limited, the company that performed the work program on the Independence Project.

By a Bill of Sale dated September 15, 1986 and recorded in the Prince Rupert Gold Commissioner's Office on February 2, 1987, Marco Romero transferred all his interest in and to the Ice Claims to the Issuer in consideration of One Dollar ($1.00).

The Rock of Ages Claims and the Ice Claims together are called the "Independence Project").

The following information respecting the Independence Project is excerpted from the Independence Report, a copy of which is attached to and forms part of this Prospectus.

Location and Access

The Independence Project lies 16 km north of Stewart, B.C., covering the ground between Bear River and the Bear River Ridge. Access is via helicopter from Stewart, B.C.

History

Various operators have conducted exploration programs within the area encompassed by the Independence Project. British Columbia Minister of Mines Annual Reports for the period 1910 to 1930 include the following information:

(a) an adit driven in 1911 near the Bear River on the Independence claims encountered narrow veins assaying up to 30 oz/ton silver and 70% lead;

(b) in 1920, an open cut on the Big Casino claim uncovered a 14-ft wide vein assaying 18 oz/ton silver; further work in this area produced a grab sample in 1922 which assayed 0.04/oz ton gold and 28 oz/ton silver;

(c) adits driven on the Big Casino claim from 1925 to 1929 encountered 16 ft of mineralization assaying $12/ton, largely in silver, and 15 ft of 1.8 oz/ton silver and 3.89% zinc;

(d) work done in 1926 on an "iron vein" in the area of the Rock of Ages Crown-grants encountered a 20-ft width assaying 0.4 oz/ton gold with silver and copper values. Another vein, possibly on the Dalhousie Crown-grant, assayed 0.8 oz/ton gold, 1.2 oz/ton silver and 2.1% copper; and

(e) shear zones found on the Independence claim were reported to assay up to 0.18 oz/ton gold, 1.3 oz/ton silver and 2.7% copper.

In 1965, portions of the Rock of Ages claim group and the Independence claim were examined by Canex Aerial Exploration. Work done by Canex included geological mapping, a magnetometer survey, a soil geochemistry survey and a limited amount of trenching.

Underground and Surface Workings

The Independence Project area has been the subject of numerous exploration ventures in the past. The bulk of the physical work was performed prior to 1930 and much of the documentation regarding it is lost.

At present, no plant or equipment relating to either surface of underground exploration or development exists on the Independence Project.

At least seven (7) adits and nine (9) trenches or open cuts are known to exist on the Independence Project. All but one of these (Adit No. 2) were sampled during the 1986 work program carried out by the Issuer. They are summarized as follows:

Name of Working	Location	Length	Condition
Adit No. 1	central Big Casino	-170.0 m	open
Adit No. 2	central Big Casino	- 50.0 m	caved
Adit No. 3	central Big Casino	5.5 m	open
Adit No. 4	central Big Casino	26.0 m	open
Adit No. 5	central Big Casino	9.0 m	open
Trenches No. 1-7	central Big Casino	--	--
Tunnel No. 3	Rock of Ages Fr.	9.0 m	open
Iron Vein Adit	Rock of Ages Fr.	7.0 m	open
Iron Vein Cut	Rock of Ages Fr.	-20.0 m	open
Carrin Trench	southeast Ice 2	?? m	open

Independence claims.

Surface exploration over the Independence Project by previous operators has included geological mapping of most of the property, magnetometer and soil geochemistry over selected areas of the Rock of Ages claims group and the Big Casino claim, and reconnaissance rock sampling of unspecified areas.

Current Exploration

A work project was conducted on the Independence Project by the Issuer during September 1986 at a cost of $78,480 consisting of detailed VLF-EM, magnetometer and soil geochemistry surveys over a portion of the Big Casino and Independence claims, reconnaissance silt geochemistry over the entire property, geological mapping and reconnaissance of the entire property, with emphasis on areas of known mineralization, an an airborne VLF-EM and magnetometer reconnaissance survey of the Ice Claims.

The results of this work program are as follows:

Two adits and several trenches on the Big Casino claim explored gold- and silver-bearing silica-jasper-barite veins mineralized with pyrite, magnetite, spalerite and galena. This vein and parallel veins occur at the contacts of quartz monzanite dykes and country rock. These dykes have been mapped over a distance of approximately 1.1 km.; gold- and silver-bearing mineralization has been noted in a succession of showings spread over a distance of 400 m. Two additional adits explored a mineralized zone, also associated with dykes, some 200 m to the east. Representative sampling returned values of 0.12 oz/ton gold and 2.74 oz/ton silver over 5 m. Soil geochemistry reflects mineralization associated with dyke-country rock contacts.

Four showings are located on the Rock of Ages group of reverted Crown-grants. Massive sulphide and associated precious-metal mineralization is associated with replacement veins and northwesterly-trending faults. The best results in the area are from the "Glacier Showing", where massive sulphide-mineralized andesite tuff analyzed 0.165 oz/ton gold and 28.31% zinc over 2 m. A silt sample collected from an eastward-flowing creek 1.5 km south of this area carried 210 ppb gold.

Airborne and ground magnetic results reflect the trend of the quartz monzanite dykes on the Big Casino and Independence 1 claims. High magnetic anomalies in that area are attributable to andesite dykes. Other airborne magnetic anomalies are over unmapped areas and regions covered by ice fields.

There are no known reserves of commercial ore on the Independence Project.

Recommended Work

A proposed work program consisting of detailed mapping, sampling, blast trenching and diamond drilling, all at an estimated cost of $100,000 is recommended by Shangri-La Minerals Limited in the Independence Report.

2. Deac Claims

On April 26, 1986, an employee of Shangri-La Minerals Limited, Jeff Scheu of 200 - 675 West Hastings Street, Vancouver, B.C., staked on behalf of Tom Perovic, two (2) modified grid-system claims situated in the Cariboo Mining Division, British Columbia, more particularly described as follows:

Name of Claims	Record No.	Units	Expiry Date
Deac 11	7665	8	May 5, 1990
Deac 12	7666	16	May 5, 1990

(the "Deac Claims").

By a Bill of Sale recorded September 8, 1986, Jeff Scheu transferred all his interest in the Deac Claims to Tom Perovic of 203 - 8636 Laurel Street, Vancouver, B.C., in consideration of reimbursement of Scheu's staking costs of $1,000.00.

By an agreement dated September 8 ,1986 between Tom Perovic (as Vendor) and the Issuer (as Purchaser), the Issuer acquired the Deac Claims from Perovic in consideration of the payment of $5,000.

By a Bill of Sale dated September 8, 1986 and recorded April 15, 1987, Tom Perovic transferred all his interest in and to the Deac Claims to the Issuer.

The following information respecting the Deac Claims is excerpted from a report on the Deac 11 and Deac 12 claims, dated December 22, 1986, prepared by Shangri-La Minerals Limited (the "Deac Report"), a copy of which is attached to and forms part of this Prospectus.

Location and Access

The Deac Claims are located approximately 15 km east of Quesnel, B.C. Access is best via Highway 26 from Quesnel. Numerous logging roads and tracks were observed by engineers on the property, although they are not indicated on maps of the area because they were constructed quite recently.

Current Exploration

On December 14, 1986, the Issuer conducted an airborne VLF-EM and magnetometer survey of the Deac Claims, for a total of 79 line-km, at a total cost of $12,335.

Results of the airborne geophysical survey indicates areas of interest on the Deac Claims, particularly the southern portion of the Deac 11 claim, where a stream sediment sample yielded 5,400 ppb gold and which area is characterized by high magnetic field strength, high magnetic gradient and high VLF-EM field strength.

There are no known reserves of commercial ore on the Deac Claims.

There are no known underground or surface workings, plant or equipment on the Deac Claims.

Recommended Work

A work program consisting of grid establishment, reconnaissance geochemical soil sampling, geologic mapping and sampling, and ground magnetometer and VLF-EM surveys, all at an estimated cost of $25,000 is proposed by Shangri-La Minerals Limited in the Deac Report.

Contingent upon the results of the foregoing proposed work program, a further work program, consisting of trenching and diamond drilling, will be necessary to further evaluate the economic potential of the Deac Claims.

PLAN OF DISTRIBUTION

Offering and Appointment of Agents

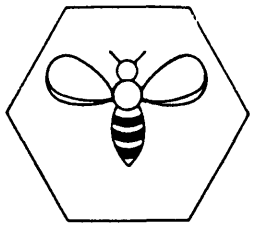
The Issuer by its Agents, hereby offers (the "Offering") to the public through the facilities of the Vancouver Stock Exchange (the "Exchange") **450,000** shares (the "Shares") of the Issuer at a price of **$0.50** per Share (the "Offering Price"), which price was established pursuant to negotiations between the Issuer and the Agents. The Offering will be made in accordance with the rules and policies of the Exchange and on a day (the "Offering Day") determined by the Agents and the Issuer, with the consent of the Exchange, within a period of 180 days from the date upon which the Shares are conditionally listed on the Exchange (the "Effective Date").

The Issuer, by an agreement (the "Agency Agreement") dated July 31, 1987, appointed Yorkton Securities Inc. of 1400 - 609 Granville Street, Vancouver, British Columbia, as its agents ("Agents") to offer the Shares through the facilities of the Exchange.

The Agents will receive a commission of $0.075 per share.

The Agents reserve the right to offer selling group participation, in the normal course of the brokerage business to selling groups of other licensed broker-dealers, brokers and investment dealers, who may or may not be offered part of the commissions or bonuses derived from this Offering.

The obligations of the Agents under the Agency Agreement may be terminated prior to the opening of the market on the Offering Day at the Agents' discretion on the basis of their assessment of the state of the financial markets and may also be terminated upon the occurrence of certain stated events.



Shangri-La Minerals Limited

AIRBORNE GEOPHYSICAL REPORT

ON THE

DEAC 11 AND DEAC 12 CLAIMS

FOR

MOCHE RESOURCES INC.

NTS 93B/16E AND 93B/16W

CARIBOO M.D.
BRITISH COLUMBIA

NORTH LATITUDE 52 DEG. 58'
WEST LONGITUDE 122 DEG. 15'

BY

F. DI SPIRITO, B.A.SC., P.ENG.
J.C. GRAHAM, B.SC., M.ENG.

SHANGRI-LA MINERALS LIMITED
VANCOUVER, BRITISH COLUMBIA

DECEMBER 22, 1986

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APPENDICES

ILLUSTRATIONS

SUMMARY

On December 14, 1986, Shangri-La Minerals Limited conducted an airborne VLF-EM and magnetometer survey of the Deac 11 and Deac 12 claims with the object of defining geophysical targets which may indicate the presence of precious metal deposits. The survey was undertaken on behalf of Moche Resources Inc. A total of 79 line-km was surveyed. The results of the survey are presented in this report.

The Deac 11 and Deac 12 claims are modified grid system claims of 8 and 16 units respectively. The claims are situate in the Cariboo Mining Division, British Columbia.

The claims are approximately 15 km from Quesnel, and are easily accessed by road. Logging roads and tracks traverse the property. Parts of the property have been logged out; the remainder is moderately forested with evergreen trees.

There are no records of early exploration activity at the Deac claim area, although trenches at mineralized showings were observed during a reconnaissance geological, geochemical and geophysical survey conducted by Shangri-La Minerals Limited on the adjacent Deac 1-10 claim area in the spring of 1986.

The Deac 11/12 claim area is within the Quesnel Trough. The rock types in the Quesnel Trough are dominantly Takla Group basic to intermediate volcanic flows, pyroclastic rocks, and argillaceous sedimentary rocks overlying Early Paleozoic and Precambrian rocks. The Takla Group hosts coeval alkalic intrusions and Early Cretaceous quartz monzonites and diorites (the Naver Intrusions).

Economic mineralization occurs in several styles in the Quesnel Trough, including gold deposits associated with alkalic intrusives.

The results of the 1986 survey on the Deac 1-10 claims indicate that the rock units there are a syenite intrusive, andesites and related tuffs and breccias, basalts, debris flows, and argillites. Alteration and significant precious metal mineralization were noted on the Deac 10 claim, which is immediately adjacent to the Deac 11 claim. As well, a stream sediment sample collected on the Deac 11 claim yielded 5400 ppb gold.

The results of the airborne geophysical survey indicate areas of interest on the Deac 11 and Deac 12 claims. The southern portion of the Deac 11 claim is of particular interest. The stream sediment sample which yielded 5400 ppb gold was collected in this area. This area is characterized by high magnetic field strength, high magnetic gradient, and high VLF-EM field strength.

In order to determine the economic significance of these results, a second phase of exploration is recommended. It is recommended that this program be concentrated on the eastern portion of the Deac 11/12 claim area. The proposed work consists of grid establishment, reconnaissance geochemical soil sampling, geologic mapping and sampling, as well as ground magnetometer and VLF-EM surveys. A sum of $25,000 should be allocated for this exploration program.

Contingent upon favourable results from the recommended program, trenching and diamond drilling will be necessary in order to further evaluate the economic potential of the Deac 11 and Deac 12 claims.

Respectfully submitted at Vancouver, B.C.,

F. Di Spirito, B.A.Sc., P.Eng.
22 December 1986

PART A

INTRODUCTION

On December 14, 1986, Shangri-La Minerals Limited conducted an airborne VLF-EM and magnetometer survey of the Deac 11 and Deac 12 claims with the object of defining geophysical targets which may indicate the presence of precious metal deposits. The survey was undertaken on behalf of Moche Resources Inc. A total of 79 line-km was surveyed. The results of the survey are presented in this report.

PROPERTY STATUS

The Deac 11 and Deac 12 claims are modified grid system claims situate in the Cariboo Mining Division, British Columbia. The claims are shown on Mineral Claim maps 93B/16W and 93B/16E. The registered owner of the claims is Jeff Scheu; the beneficial owner is Moche Resources Inc.

NAME	RECORD NO.	ANNIVERSARY	AREA
Deac 11	7665	May 5, 1987	8 units
Deac 12	7654	May 5, 1987	16 units

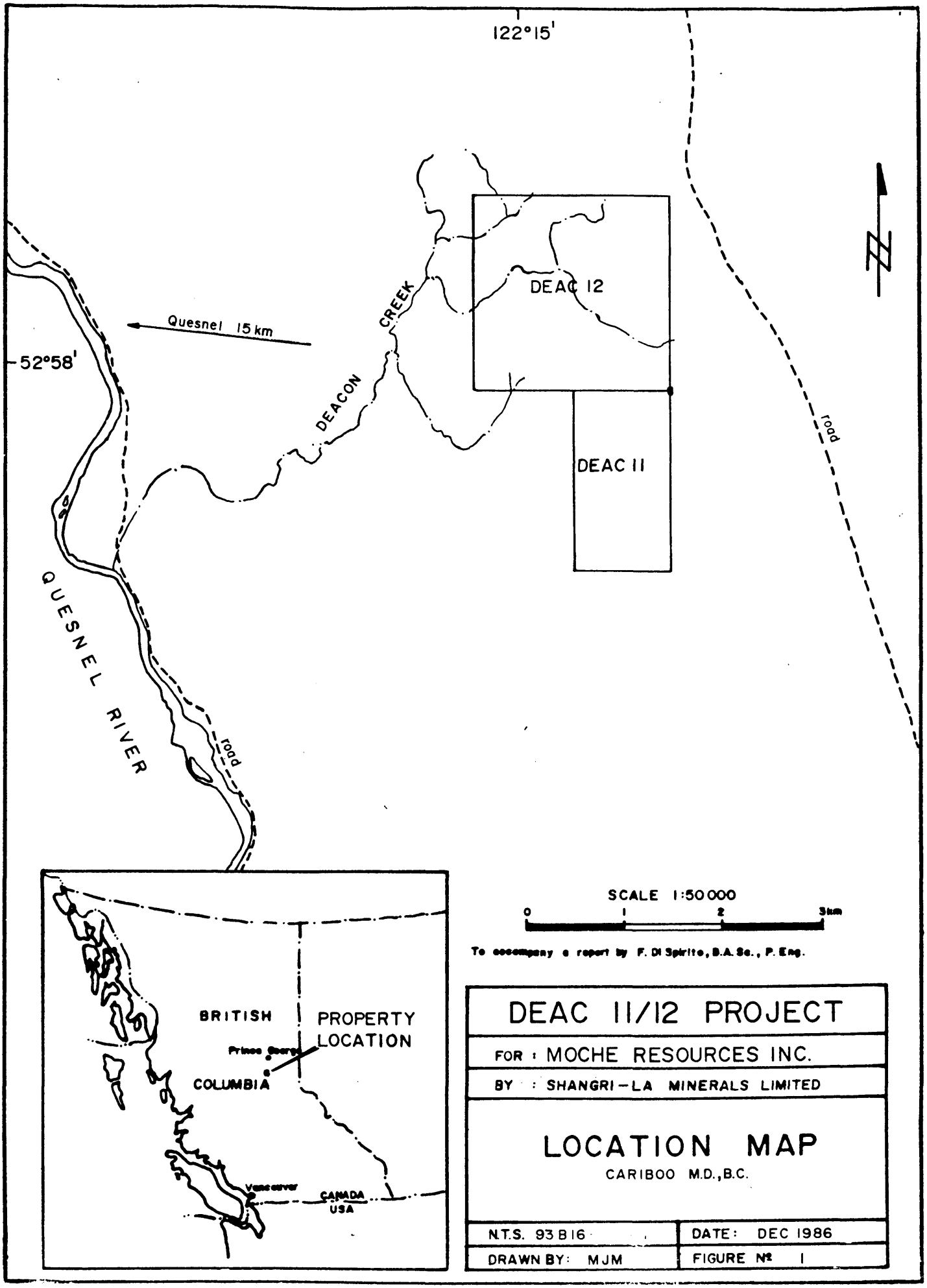
LOCATION, ACCESS, PHYSIOGRAPHY

The claims are located approximately 15 km east of Quesnel, British Columbia (see Location Map, Fig. 1). Access is best via Highway 26 from Quesnel. Numerous logging roads and tracks were observed on the property during the course of the survey, although they are not indicated on maps of the area because they were constructed quite recently - probably within the last 5 years or so.

The property is quite flat, and is approximately 1000 m above sea level. Most of the property is moderately forested with evergreens, and some areas are logged out.

HISTORY

The Quesnel area was first explored by placer miners in the 1860's, during the Cariboo gold rush. Most of the major creeks have been worked by placer operations.



To accompany a report by F. Di Spirito, B.A.Sc., P.Eng.

DEAC 11/12 PROJECT

FOR : MOCHE RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

LOCATION MAP

CARIBOO M.D., B.C.

N.T.S. 93 B 16	DATE: DEC 1986
DRAWN BY: MJM	FIGURE Nº 1

There are no records of early exploration activity at the Deac claim area, although trenches at mineralized showings were observed during a reconnaissance geological, geochemical and geophysical survey conducted by Shangri-La Minerals Limited on the adjacent Deac 1-10 claims in the spring of 1986 (Falconer et al, 1986). The results of that survey indicate significant alteration and precious metal mineralization close to the Deac 11/12 claim area:

- samples from altered and mineralized shear zones within a syenite stock approximately 3 km east of the Deac 11 claim (on the Deac 10 claim) yielded anomalous gold values (up to 156 ppb);

- elevated copper and zinc values were noted in rock samples (up to 0.43% Cu, 0.27% Zn).

A stream sediment sample collected in the extreme south-central part of the Deac 11 claim during the survey of the Deac 1-10 claim area yielded very high gold values (5400 ppb).

PART B

AIRBORNE VLF-EM AND MAGNETOMETER SURVEY SPECIFICATIONS

The survey system equipment simultaneously monitors and records the output signals from a proton precession magnetometer and two VLF-EM receivers installed in a bird which is towed over the survey area at an altitude of approximately 75 m by helicopter. The average flying speed while surveying is about 110 km/hr. Landmarks along the flight lines are plotted on aerial photographs as the lines are flown. This allows subsequent production of a flight line map on which to plot the survey results.

The two VLF-EM receivers respond to signals from two different transmitters - one in Seattle, Washington and one in Annapolis, Maryland. Conductors will respond most strongly to the transmitter in the direction of their strike. For most areas in British Columbia, conductors which strike northerly will respond most strongly to the Seattle transmitter, while those striking easterly will respond most strongly to the Annapolis transmitter.

The three channels of geophysical data and one navigational marker channel are each digitized at a sample rate of approximately once every 1.6 seconds (resulting in a station spacing of approximately 50 m) using an 8 channel analog to digital converter. The data is then recorded digitally on one channel of a stereo cassette tape recorder, while the other channel records the operators' voice descriptions of landmarks,

line identification, and other details. As well, the data is displayed on the screen of a TRS-80 Model 100 lap computer as it is recorded. Instrument specifications are detailed in Appendix C.

The flight lines run north-south. The line spacing is roughly 100 m.

PART C

REGIONAL GEOLOGY

The Deac 11/12 claim area is within the Quesnel Trough, a tectonic division of the Intermontane Belt. The Quesnel Trough is bounded by the Pinchi Fault to the west, and the Omineca Crystalline Belt to the east. The Pinchi Fault is a strike-slip fault which is thought to have been active as early as the Mesozoic Era.

The Upper Triassic Takla Group is widespread in the Quesnel Trough. The Takla Group consists of basic to intermediate volcanic flows, pyroclastic rocks, and argillaceous sedimentary rocks. The Takla Group overlies Early Paleozoic and Precambrian rocks, and is thought to be a result of island-arc type volcanism. The Takla Group hosts coeval alkalic intrusions and Early Cretaceous quartz monzonites and diorites (the Naver Intrusions).

Economic mineralization occurs in several styles in the Quesnel Trough (Carter, 1985):

- alkalic intrusive complexes host copper porphyry deposits with some gold;

- propylitically altered sedimentary and fragmental volcanic rocks marginal to small alkalic intrusions host apparently strata-bound gold deposits;

- schistose Takla rocks host gold-bearing quartz veins;

- molybdenum and tungsten mineralization occurs near the margins of Early Cretaceous Naver Intrusions.

Rock units mapped during the survey of the adjacent Deac 1-10 claim area were a syenite intrusive, andesites and related tuffs and breccias, basalts, debris flows, and argillites. As mentioned above (see History), alteration and significant precious metal mineralization were also noted.

PART D

DISCUSSION OF AIRBORNE GEOPHYSICAL RESULTS

Airborne Magnetometer Survey

The results of the airborne magnetometer survey are presented in Figure 2. The magnetic field strength on the Deac 11/12 property ranges from less than 100 to greater than 900 gammas, relative to a datum level of 57,500 gammas.

The southern portion of the property has the highest magnetic field strength, and is also an area of strong magnetic gradient because of a localized magnetic low. The magnetic field strength in the south is generally over 600 gammas, and ranges to greater than 900 gammas, the highest on the property. The magnetic low occurs on the southern part of line 20 and to a lesser degree on lines 19 and 21. The high magnetic field strength is probably related to the presence of a mafic intrusion. The magnetic low indicates a rock type which is relatively depleted in magnetic minerals - possibly an alteration zone(?). This high field strength/high gradient area is of particular interest because the VLF-EM field strengths are also anomalously high in this area, indicating a conductive area which may be related to mineralization.

There is a pronounced linear magnetic low on line 20, which also occurs to a lesser extent on lines 18, 19, 21, and 22. A similar feature was observed during the ground magnetometer survey of the adjacent Deac 1-10 claims. The relationship to geology is not known, but the magnetic low indicates an area depleted in magnetic minerals. This may be due to alteration, or to the presence of a relatively non-mafic rock type, such as argillite.

The magnetic field in the north-central part of the property is quite active, with several localized highs and lows on the order of 100-300 m in diameter. The magnetic field strength of these isolated areas ranges from less than 200 gammas to greater than 800 gammas. These anomalies indicate that the rock types there have a highly variable magnetic mineral content.

The magnetic field strength on lines 1-5 is generally lower than the rest of the property, possibly due to an increased thickness of overburden.

Airborne VLF-EM Survey (Seattle)

The results of the airborne VLF-EM survey using the Seattle transmitter are presented in Fig. 3a. There are numerous small high field strength anomalies, most of which are concentrated in the north central portion of the property. This indicates that there are zones of quite high conductivity in this area. The magnetic field strength was quite variable in this area.

The southern portion of the property is indicated to be quite conductive by both the Seattle and Annapolis VLF-EM results. This is especially significant since this is also an area of high magnetic field strength and high magnetic gradient. The high conductivity may be related to mineralization.

The Seattle results indicate the northeastern and extreme southeastern portions of the property to be quite conductive. These areas are not anomalous for the Annapolis results. The extreme southeastern portion of the property is an area of anomalously high magnetic field strength. The Seattle VLF-EM field strength anomaly may be related to the magnetic anomaly.

Airborne VLF-EM Survey (Annapolis)

The results of the airborne VLF-EM survey using the Annapolis transmitter are presented in Fig. 3b. The southern portion of the property has areas of anomalously high VLF-EM field strength. The extreme southern portions of lines 18, 19, and 20 have a generally high VLF-EM field strength, and there is a possibly related high field strength zone on lines 14, 15, and 16. This indicates a fairly extensive zone of high field strength, which is coincident with a zone of high magnetic field strength and high magnetic gradient. The area is also anomalously high for the Seattle VLF-EM results. This zone represents the best geophysical target for further investigation.

There is an area of high VLF-EM field strength on lines 15 and 16 just to the north of the middle of the property which may be significant. This area also has high VLF-EM field strength for the Seattle transmitter.

There are 2 single station high field strength anomalies on line 23, approximately 1 km north of the southern property boundary. These may be of significance, in that they are very nearly coincident with a pronounced magnetic high which occurs on lines 23 and 24.

PART E

CONCLUSIONS AND RECOMMENDATIONS

The Deac 11/12 claims have geology favourable to precious metal mineralization, and precious metal mineralization was noted in an altered shear zone some 3 km east of the Deac 11 claim. The geophysical results indicate areas of interest, particularly the southern portion of the Deac 11 claim. This is the area where a stream sediment sample yielding 5400 ppb gold was collected during the earlier survey of the adjacent Deac 1-10 claim group. The results of the airborne geophysical survey show that the area has high magnetic field strength, high magnetic gradient, and high VLF-EM field strength.

In order to determine the economic significance of these results, a second phase of exploration is recommended. This program is to be concentrated on the eastern portion of the Deac 11/12 claim area. The recommended work consists of grid establishment, reconnaissance geochemical soil sampling, geologic mapping and sampling, as well as ground magnetometer and VLF-EM surveys.

ESTIMATED COST OF PROPOSED EXPLORATION PROGRAM

Grid establishment, allow	$6,000.00
Geochemical survey (including analyses), allow	7,000.00
Geological support, allow	1,500.00
Assays, allow	500.00
Magnetometer survey, allow	3,000.00
VLF-EM survey, allow	3,000.00
Engineering, report, allow	4,000.00
Total Cost of Proposed Program:	$25,000.00

Contingent upon favourable results from the recommended program, trenching and diamond drilling will be necessary in order to further evaluate the economic potential of the Deac 11/12 claim area.

Respectfully submitted at Vancouver, B.C.,

F. Di Spirito, B.A.Sc., P.Eng.
22 December 1986

REFERENCES

Carter, N.C.	Geological report on the Government Creek, Yardley Lake, and Abhau Properties; Gabriel Resources Inc. Prospectus, 1985.
Falconer, J.S., Baldys, C., Graham, J.C.	Geological, geophysical, and geochemical report on the Deacon Creek Group of mineral claims, 1986.
Geological Survey of Canada	Economic Geology Report No. 1, Ch. 8, 1981.
Tipper, H.W., Campbell, R.B., Taylor, G.C., Scott, D.F.	Geology Map 1424A, Sheet 93, Parsnip River, Geological Survey of Canada,
Tipper, H.W., Woodsworth, G.J., Gabrielse, H.	Tectonic assemblage map of the Canadian Cordillera and adjacent parts of the United States of America, Map 1505A, 1981.

APPENDIX A

COST BREAKDOWN OF AIRBORNE GEOPHYSICAL SURVEY

Costs for the Deac 11/12 Airborne Survey

VLF-EM survey 79 kilometers @ $125	$9,875
Compilation of historical data	1,200
Report preparation and engineering	600
Total	11,675

APPENDIX B

CERTIFICATES

CERTIFICATE

I, Frank Di Spirito, of the City of Vancouver in the Province of British Columbia, do hereby certify:

I) I am a Consulting Engineer with the firm of Shangri-La Minerals Limited, based at 706-675 West Hastings Street, Vancouver, B.C., V6B 1N2.

II) I am a graduate of the University of British Columbia (1974) and hold a Bachelor of Applied Science in Geological Engineering.

III) I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia.

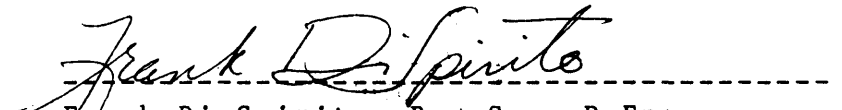
IV) Since graduation, I have been involved in numerous mineral exploration programs throughout Canada and the United States of America.

V) This report is based on an evaluation of data obtained by a Shangri-La Minerals Limited crew on December 14, 1986 and an evaluation of publicly and privately held data pertaining to the claim area.

VI) I have no direct or indirect interest in the property described herein, or in any securities of Moche Resources Inc., nor do I expect to receive any.

VII) This report may be utilized by Moche Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.



Frank Di Spirito, B.A.Sc., P.Eng.
22 December 1986

CERTIFICATE

I, James Campbell Graham of the City of Vancouver in the Province of British Columbia, do hereby certify:

I) I am a Consulting Geophysical Engineer with the firm of Shangri-La Minerals Limited at 706-675 West Hastings Street, Vancouver, B.C., V6B 1N2.

II) I graduated in 1985 with a M.Eng. degree in Geophysical Engineering and in 1982 with a B.Sc. in Geophysical Engineering from the Colorado School of Mines in Golden, Colorado.

III) I have been involved in numerous mineral exploration programs since 1975.

IV) This report is based upon field work carried out by this author and a Shangri-La Minerals Limited crew on December 14, 1986, and a review of published and privately held literature pertaining to the claim area.

V) I hold no direct or indirect interest in the property described herein, or in any securities of Moche Resources Inc., or in any associated companies, nor do I expect to receive any.

VI) This report may be utilized by Moche Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

J.C. Graham, B.Sc., M.Eng.
22 December 1986.

APPENDIX C

AIRBORNE EQUIPMENT SPECIFICATIONS

SPECIFICATIONS: SABRE AIRBORNE VLF-EM SYSTEM

Antenna System: 2 separate omnidirectional arrays, housed in same bird as proton magnetometer detector.

Parameters measured: Horizontal field strength on 2 stations simultaneously (Seattle and Annapolis). Designed for use in steep terrain where dip angle information is confusing and often useless.

Type of Readout: 2 analog meters, one for each station, and 2 analog outputs at rear of console. These analog outputs, along with those of the proton magnetometer and a marker channel, are digitized by a CCC-Maron Remote Monitoring and Logging System (an 8 channel, 8 bit analog-to-digital converter custom manufactured by Maron Engineering Ltd., Burnaby B.C.) and stored in multiplex format on one channel of a conventional stereo cassette tape deck.

Receiver Console: 2 separate receiver channels, both housed in 30x10x25 cm case.

Operating Temperature Range:

Instrument Console: -10 deg. C to +50 deg. C
Antenna System: -10 deg. C to +50 deg. C

Power Source:

Receiver Console: 8 alkaline penlite cells
Instrument Console: 2 9V transistor batteries

Manufacturer: Sabre Electronic Instruments Ltd.
Burnaby, B.C.

SPECIFICATIONS: SABRE AIRBORNE MAGNETOMETER

Type: Proton Precession

Range: 20,000 to 75,000 gammas

Repetition Rate: Approximately once every 1.6 seconds

Output: Analog meter on instrument console, 0-100 mV analog output on rear of console. Full scale deflection can be 1000, 2500, 5000, or 10000 gammas, selected by operator. The analog output is digitized with the CCC-Maron Remote Monitoring and Logging System and stored on one channel of a conventional stereo cassette tape deck along with the VLF-EM data and the navigational marker channel.

Resolution: Resolution of instrument itself is better than 1 gamma, but recorded resolution is limited to about 4 gammas at 1000 gamma full scale deflection (1000 gammas resolved to 1 part in 255 with 8 bit analog-to-digital converter).

Detector: Kerosene-filled coil, 9 cm long by 8 cm diameter. Inductance 60 millihenries, resistance 7.5 ohms, weight 2.2 kg.

Operating Temperature:

Instrument: -10 deg. C to +60 deg. C
Detector: -10 deg. C to +60 deg. C

Dimensions:

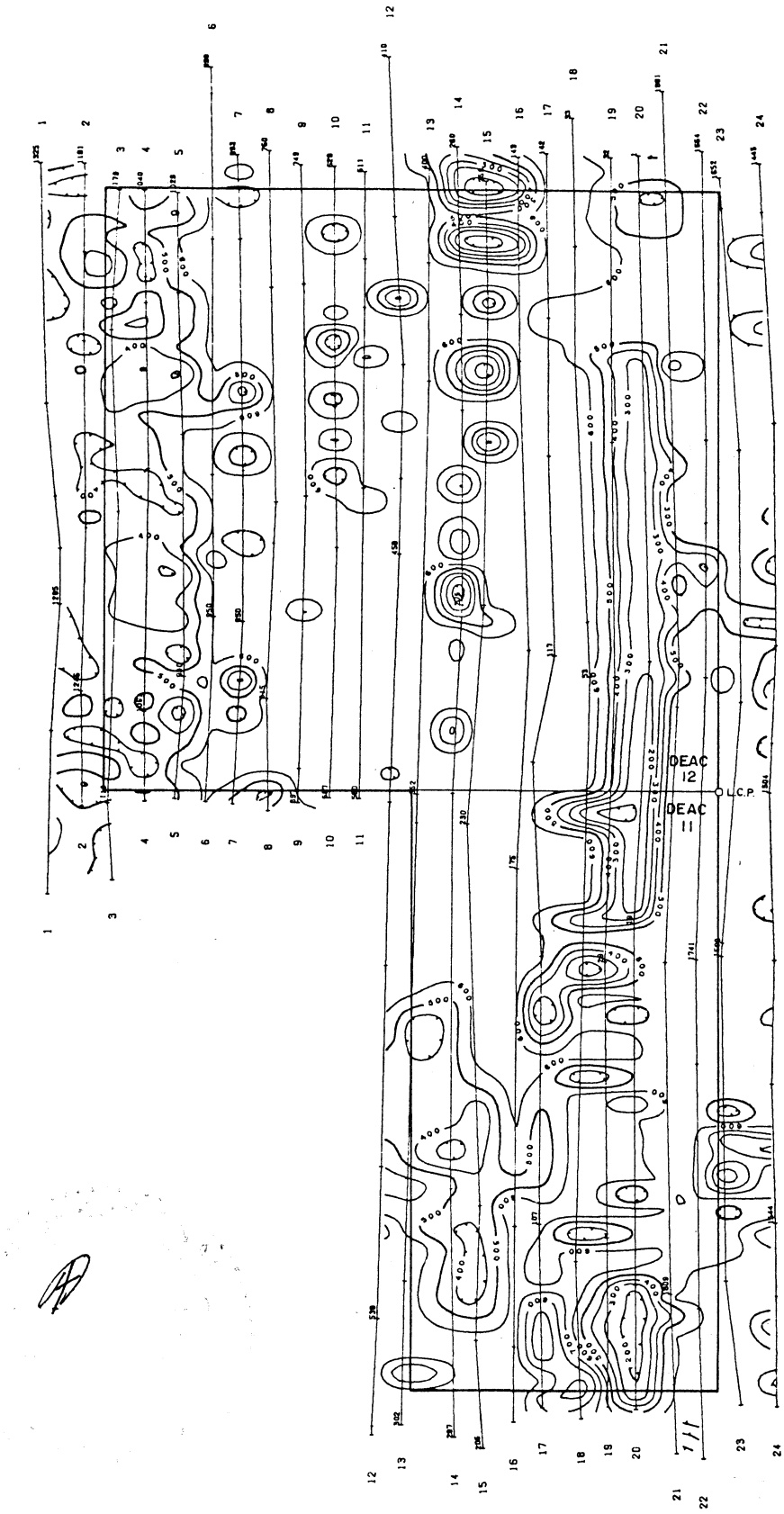
Instrument Console: 30x10x25 cm, wt. 3.5 kg
Towed bird: 1.7 m x21 cm diameter, wt. 30 kg

Power Source: 12 V 20 amp-hr lead-acid batteries

Manufacturer: Sabre Electronics Ltd.,
Burnaby, B.C.

122° 15'

52° 58'



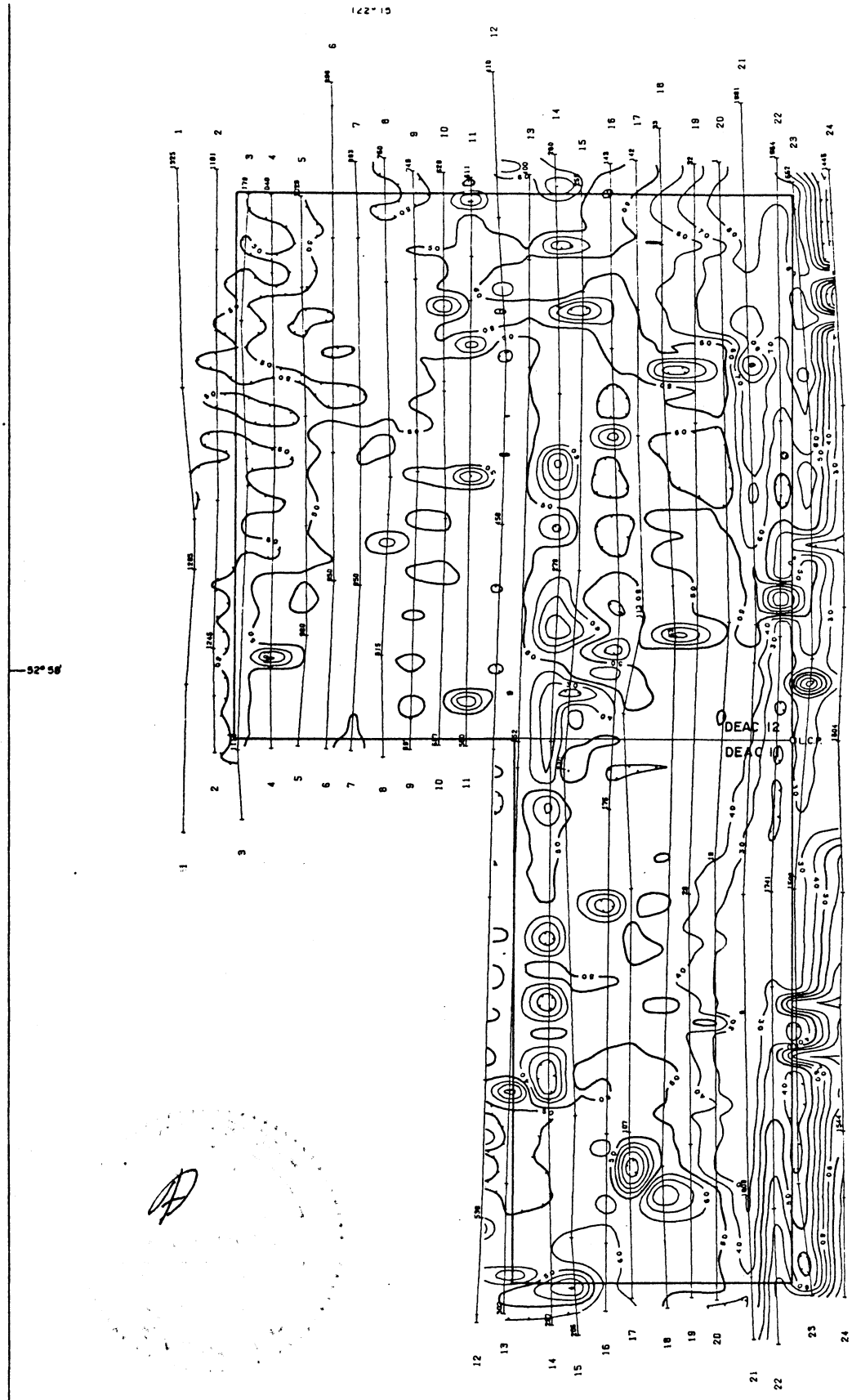
N

0 200 400 600 METRES

BASE VALUE 57,500 GAMMAS
CONTOUR INTERVAL 100 GAMMAS

To accompany report by F. Di Spirito B.A.Sc., P. Eng.

DEAC 11 / 12 PROJECT	
FOR: MOCHE RESOURCES INC.	
BY: SHANGRI-LA MINERALS LIMITED	
TOTAL MAGNETIC FIELD STRENGTH AIRBORNE SURVEY CARIBOO M.D., B.C.	
N.T.S. 93B-16	DATE: DEC 1986
DRAWN BY: R.P.M.	FIGURE No. 2

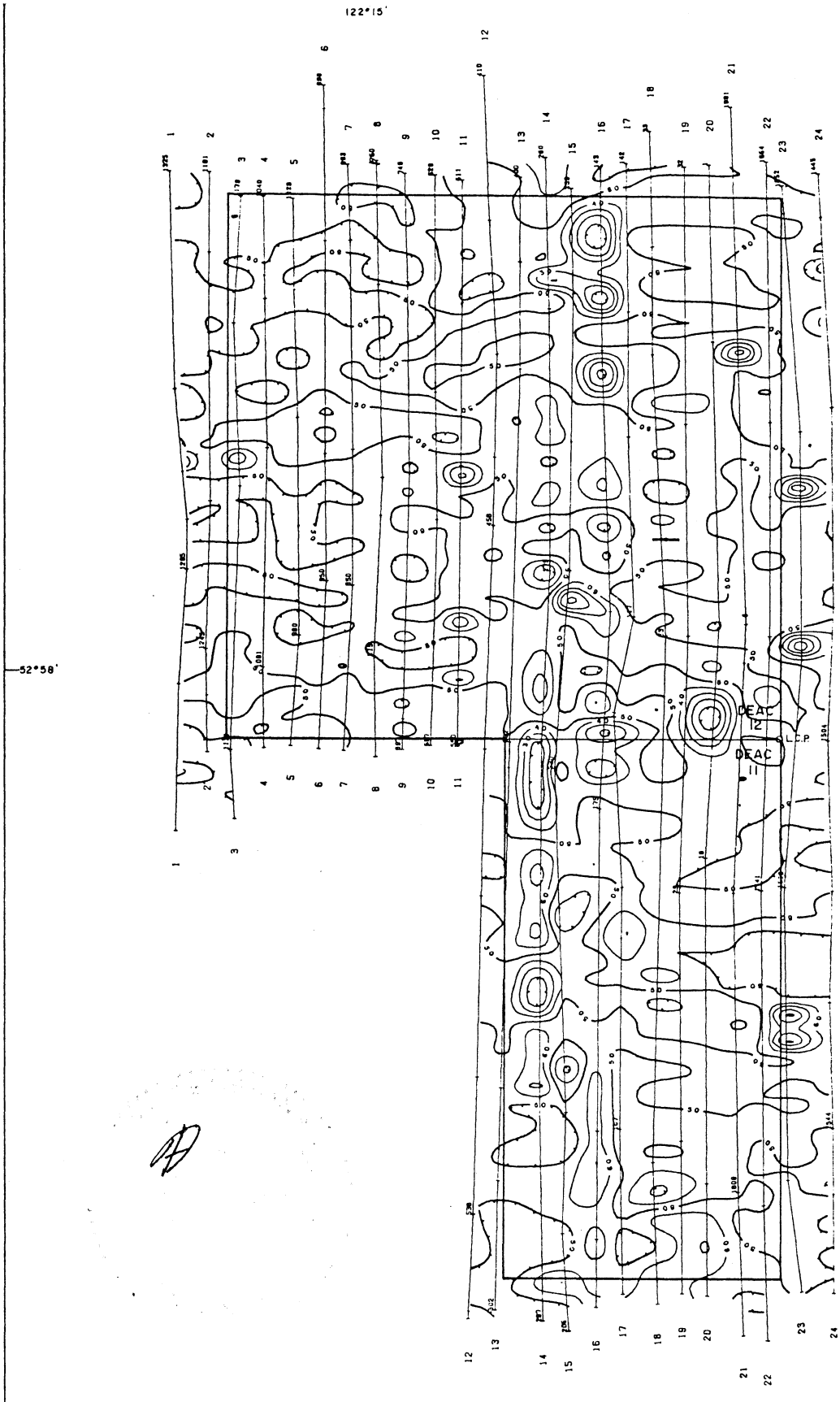


To accompany report by F. Di Spirito B.A.Sc.,P.Eng.

DEAC 11/12 PROJECT	
FOR MOCHE RESOURCES INC.	
BY: SHANGRI-LA MINERALS LIMITED	
VLF-EM (SEATTLE) AIRBORNE SURVEY	
CARIBOO M.D., B.C.	
N.T.S. 93B-16	DATE: DEC. 1986
DRAWN BY: R.P.M.	FIGURE NO. 3a

0 200 400 600 METRES

CONTOUR INTERVAL 10%

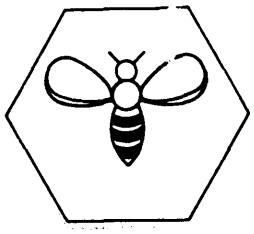


CONTOUR INTERVAL 10%

0 200 400 600 METRES

To accompany report by F Di Spirito B.A.Sc., P.Eng.

DEAC 11/12 PROJECT	
FOR: MOCHE RESOURCES INC.	
BY: SHANGRI-LA MINERALS LIMITED	
VLF-EM (ANNAPOLIS) AIRBORNE SURVEY CARIBOO M.D., B.C.	
NTS. 93B-16	DATE: DEC. 1986
DRAWN BY: RPM	FIGURE Nº. 3b



Shangri-La Minerals Limited

RECONNAISSANCE GEOLOGICAL, GEOPHYSICAL

AND

GEOCHEMICAL SURVEYS

ON THE

INDEPENDENCE PROJECT

FOR

MOCHE RESOURCES INC.

STEWART AREA
SKEENA MINING DIVISION
NTS 104A-4W

LATITUDE	56 DEG. 05' NORTH
LONGITUDE	129 DEG. 55' WEST

BY

Frank Di Spirito, B.A.Sc., P. Eng.
Chris Baldys, B.Sc.
Martin St. Pierre, B.Sc.

December 22, 1986

TABLE OF CONTENTS PAGE

ILLUSTRATIONS

ILLUSTRATIONS

Summary

A program consisting of geological,and geochemical surveys has been performed for Moche Resources Inc. on the Independence Project property. The program was conducted during September and October, 1986

The Independence Project consists of 6 modified grid system claims and 24 reverted Crown-Granted claims located in the Skeena Mining Division, British Columbia. The claims are situate between Bear River Ridge, approximately 16 kilometres north of Stewart, B.C.. Access to the claims is via helicopter.

The Stewart area is underlain by Lower to Middle Jurassic volcanic and sedimentary rocks of the Hazelton assemblage which have been intruded by a number of igneous plutons and dyke swarms. The Hazelton assemblage is host to numerous base and precious metal deposits. Deposits on the Premier vein system, located 2-3 km west of the Independence project, have yielded nearly 2 million onces of gold and over 40 million onces of silver. Westmin Resources Ltd. is currently conducting underground exploration on the Premier system, to deliniate a new deposit reported to contain 6 million tons grading 0.05 oz/ton gold and 2.5 oz/ton silver.

Westmin Resources has also reported good intersections on it's Big Missouri project, located 4 km northwest of the Independence project. Big Missouri has previously produced nearly 60,000 onces of gold.

Various operators have previously reported values of economic interest within the boundaries of the Independence project. Values up to 0.18 oz/ton gold and 28 oz/ton silver were reported from the Big Casino and Independence claims. A twenty foot width assaying 0.4 oz/ton gold is reported from the Rock of Ages area.

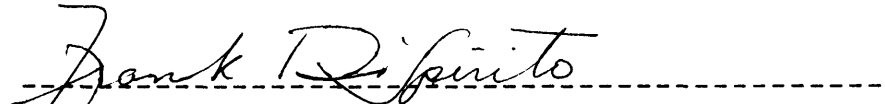
Gold and silver mineralization within silica-jasper-barite veins is associated with quartz monzonite dykes on the Big Casino and Independence 1 mineral claims. These dykes have been mapped over a distance of 1.1 kilometres; a sucession of mineralized showings are spread over a distance of 400 metres. An additional zone, also associated with intrusive contacts, is located 200 m to the east. Sampling from this zone has returned values of 0.12 onces gold per ton and 2.74 onces of silver per ton over 5 metres. Soil geochemistry reflects mineralization associated with dyke-country rock contacts.

Four showings have been located on the Rock of Ages group of reverted Crown Grants, where massive sulphide and precious metal mineralization is associated with replacemant veins and northwesterly trending faults.

The magnetometer surveys performed aided the geological mapping of the area. The VLF-EM surveys performed were generally inconclusive.

It is recommended that detailed mapping and sampling, as well as blast trenching be conducted to outline extensions of the mineralized zones. Diamond drilling should then be conducted to test for precious metals at depth. A sum of $100,000 should be allocated to complete the proposed work program.

Respectfully submitted at Vancouver, B.C.



Frank Di Spirito B.A.Sc.,P.Eng.
December 22, 1986

Introduction

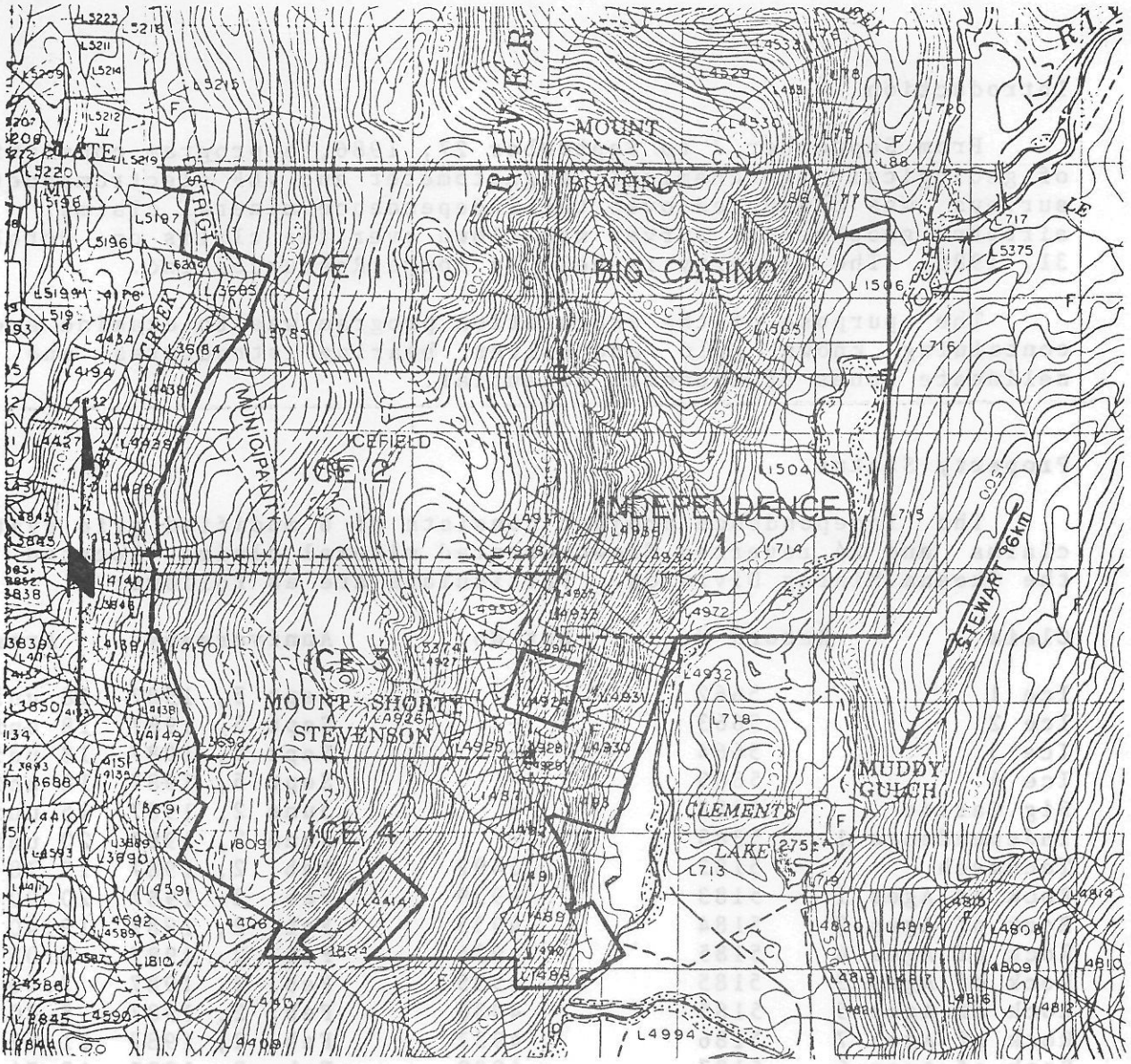
From September 7 to September 27, 1986, a program consisting of geological, geochemical, magnetometer and VLF electromagnetic surveys was conducted over the Independence mineral claims. An airborne geophysical survey was flown over the claims on October 31, 1986. The property is held by Moche Resources Inc.

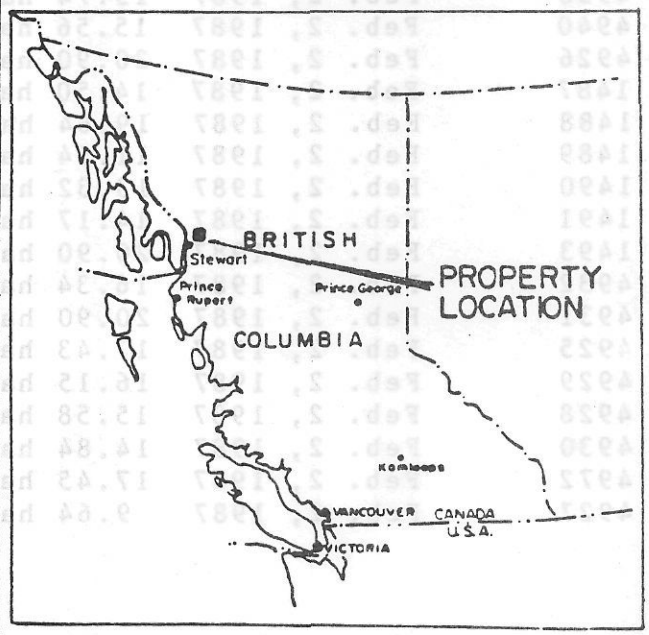
The purpose of the exploration program was to examine areas containing known gold and silver bearing structures and to delineate zones of economic potential.

Property Status

The Independence project consists of 6 modified grid system claims and 24 reverted Crown-Granted mineral claims located in the Skeena Mining Division. Particulars are as follows:

Claim	Record No.	Lot No.	Anniversary	Area
Ice 1	5662	-	Sept 5, 1987	18 units
Ice 2	5663	-	Sept 5, 1987	18 units
Ice 3	5664	-	Sept 5, 1987	18 units
Ice 4	5665	-	Sept 5, 1987	18 units
Big Casino	5382	-	June 2, 1987	15 units
Independence 1	5383	-	June 2, 1987	20 units
Tecumseh	5182	1492	Feb. 2, 1987	15.78 ha
Rock of Ages 1	5183	4939	Feb. 2, 1987	20.90 ha
Rock of Ages 2	5184	4933	Feb. 2, 1987	19.40 ha
Rock of Ages 4	5185	4934	Feb. 2, 1987	8.05 ha
Rock of Ages 3	5185	4935	Feb. 2, 1987	7.40 ha
Rock of Ages 5	5185	4936	Feb. 2, 1987	5.30 ha
Rock of Ages 7	5186	4937	Feb. 2, 1987	11.62 ha
Rock of Ages 6	5187	4938	Feb. 2, 1987	13.74 ha
Rock of Ages Fr	5188	4940	Feb. 2, 1987	15.56 ha
Tillamook	5189	4926	Feb. 2, 1987	20.90 ha
Ben Lomond	5190	1487	Feb. 2, 1987	14.50 ha
Mammoth	5191	1488	Feb. 2, 1987	19.64 ha
Eric	5192	1489	Feb. 2, 1987	11.54 ha
Alonquin	5192	1490	Feb. 2, 1987	13.32 ha
Dundee	5193	1491	Feb. 2, 1987	14.17 ha
Wentworth	5194	1493	Feb. 2, 1987	20.90 ha
Talisman Fr.	5195	4932	Feb. 2, 1987	16.34 ha
Talisman No. 1	5196	4931	Feb. 2, 1987	20.90 ha
Orient	5197	4925	Feb. 2, 1987	17.43 ha
O.K. Fraction	5198	4929	Feb. 2, 1987	16.15 ha
O.K.	5199	4928	Feb. 2, 1987	15.58 ha
Deep Fraction	5200	4930	Feb. 2, 1987	14.84 ha
Dalhousie Fr.	5201	4972	Feb. 2, 1987	17.45 ha
Alpine	5202	4927	Feb. 2, 1987	9.64 ha





SCALE 1:50,000

0 1 2 3 KM

To accompany report by F. Di Spirito, B.A.Sc., P. Eng.

INDEPENDENCE PROJECT

FOR: MOCHE RESOURCES INC.

BY: SHANGRI-LA MINERALS LIMITED

LOCATION MAP

N.T.S. 104A-4W	DATE: DEC. 1986
DRAWN BY: N.H.	FIGURE Nº. 1

CHONG

The Ice 1, 2, 3, and 4 claims are held by Moche Resources Inc., and the remainder of the claims are held under option by Moche Resources Inc. from Mr. D. Javorsky of Stewart, B.C.

Due to overlap with the reverted Crown Grants and adjoining properties, the modified grid system claims (Ice 1-4, Big Casino, Independence 1) do not fully contain their combined 107 units. A claim within the project area, the Dalhousie claim, Lot 4924 is owned by Tournigan Mining Explorations Ltd. and is not part of the ground held by Moche Resources Inc.

The claims are shown on British Columbia Ministry of Energy, Mines and Petroleum Resources mineral claim map 104A/4W.

Location, Access, Topography

The Independence project area lies 16 km north of Stewart, B.C. The claims cover the ground between Bear River and the Bear River Ridge. Topography is very rugged,with elevations ranging from 100m to 1980m above sea level. The upper slopes of Bear River ridge are fairly gentle, but this area is unfortunately covered by an icefield. Drainage is southeastwards to the Bear River.

Access is best via helicopter from Stewart, B. C.

History

The Stewart area has been the scene of numerous mineral exploration and mining ventures since 1898. Massive-sulphide base and precious metal deposits have been the focus of development during this period. Recent activity in the area has largely focused on the potential for strata-bound "exhalative" type precious metel deposits.

The most successful property in the area has been the Premier, located 2 to 3 km west of the Ice 3 and 4 claims. A total of 1.8 millon ounces of gold, 41.1 ounces of silver, and millions of pounds of copper, lead, zinc and cadmium were recovered from mines on this system up till 1968 (Grove, 1971). The Premier area is currently the object of an underground and development program by Westmin Resources. The purpose of Westmin's program is to delineate a strata-bound deposit reported to contain 6,000,000 tons grading .05 oz/ton gold and 2.5 oz/ton silver (Northern Miner, 10/Nov/86).

Second to the Premier in production has been the Big Missouri deposit, located 4 km northwest of the Independence project. Between 1927 and 1942 some 58,000 ounces of gold were

recovered from silicic lenses on the Big Missouri system (Grove, 1971). Westmin Resources recently announced intersections from two drill holes on its Big Missouri program which included "near true width" sections of 96 ft assaying 0.31 oz/ton gold, and 91 ft assaying 0.247 oz/ton gold, respectively. These intersections are expected to upgrade Westmin's current reserve estimates of 3,000,000 tons grading 0.075 oz/ton gold and 0.95 oz/ton silver(Northern Miner, 01/Dec/86).

The lithologies which contain the Premier and the Big Missouri deposits have been mapped by both Grove(1971) and Alldrick(1984) as occuring within the Indepe'ndence project area.

Various operators have conducted exploration programs within the area encompased by Moche Resources' Independence project. British Columbia Minister of Mines Annual Reports for the period 1910 to 1930 include the following information:

> an adit driven in 1911 near the Bear River on the Independence claim(?) encountered narrow veins assaying up to 30 oz/ton silver and 70% lead;
>
> In 1920 an open cut on the Big Casino claim uncovered a fourteen foot wide vein assaying $12 (18 oz)/ton silver; further work in this area produced a grab sample in 1922 which assayed $0.80 (0.04 oz)/ton gold and 28 oz/ton silver;
>
> adits driven on the Big Casino from 1925 to 1929 encountered sixteen feet of mineralization assaying $12/ton, largely in silver, and fifteen feet of 1.8 oz/ton silver and 3.8% zinc;
>
> work done in 1926 on an "iron vein" in the area of the Rock of Ages crown grants encountered a twenty foot width assaying $8 (0.4 oz)/ton gold with silver and copper values; another vein, possibly on the Dalhousie crown grant, assayed 0.8oz/ton gold, 1.2 oz/ton silver, and 2.1% copper;
>
> shear zones found on the Independence claim were reported to assay up to 0.18 oz/ton gold, 1.3 oz/ton silver and 2.7% copper.

In 1965 portions of the Rock of Ages group and the Independence claim were examined by Canex Aerial Exploration. Work done by Canex included geolgical mapping, a magnetometer survey, a soil geochistry survey, and a limited amount of trenching.

From 1979 to 1985 most of the area covered by Moche Resources' Independence project was explored by Tournigan Mining Exploration Ltd. Tournigan concluded that values found in the Rock of Ages area, which included values up to 0.73 oz/ton gold, were found in stratigraphicaly controlled pods which appeared to be related to facies contacts (DeLeen, 1979). A limited program of geological mapping over the Big Casino claim produced a 30 cm chip sample which assayed 0.13 oz/ton gold, 1.57 oz/ton silver, and 1.27% copper (Smitheringale, 1984).

It should be noted that a great deal of information relating to previous nomenclature for property (claim) names, showing names, and physical work, have been excluded from this section. The section refers to property as it is currently known.

Survey Scecifications

Grid Establishment

The survey grid was controlled by a north-south baseline 1.9 km. in length. Crosslines were located at right angles to the baseline at 100m intervals. In the area of old workings, crosslines were turned at 50m intervals. Stations were marked every 25m with Tyvex tags, using compass, clinometer, and hip chain. To assist the geological survey as well as the geochemical and ground geophysical surveys, a total of 8.115 km. of crossline was established.

Airborne Geophysical Method

The survey system employed simultaneously monitors and records the output signals from a proton precession magtetometer and two VLF-EM receivers installed in a bird which is towed over the survey area at an altitude of approximately 75 meters by helicopter. The average speed while surveying is approximately 110 km/hr. Landmarks along the flightlines are plotted on aerial photographs as the lines are flown. This allows subsequent production of a flight line map on which to plot the survey results.

The two VLF-EM recievers respond to signals from different transmitters - one in Seattle Washington and one in Annapolis, Maryland. Conductors striking northerly will respond most strongly to the Seattle transmitter, while those striking westerly will respond most strongly to the Annapolis transmitter.

The three channels of geophysical data and one navigational marker channel are each digitized at a sample rate of approximately once every 1.6 seconds (resulting in a station spacing of approximately 50m) with an eight channel analog to digital converter. The data are then recorded digitally on one channel of a stereo tape recorder, while the other channel records the navigators voice descriptions of landmarks, line identification, and other details. As well, the data are displayed on the screen of a TRS-80 Model 100 lap computer as they are needed.

Instrument specifications appear in Appendix D.

Lines were flown north to south.

Ground Geophysical Method

The VLF-EM survey was conducted using a Sabre Electronics Model 27 VLF-EM meter. This instrument acts as a receiver only. It uses the primary electromagnetc fields generated by the United States Navy VLF marine communication stations. These stations operate at frequencies between 15 and 25KHz and have a vertical antenna current resulting in a horizontal promary magnetic field. Secondary magnetic fields arise due to currents induced in conductors. The VLF-EM method measures the dip of the magnetic field resulting from the sum of the primary and secondary fields.

For maximum coupling, a transmitter station located in the direction of the geological strike and/or the strike of possible conductors is selected, since the direction of the horizontal field is perpendicular to the direction of the transmitting station. In this case, the transmitter in Seattle, Washington was used.

Readings were taken at 25m intervals along the crosslines of the survey grid. The data was filtered as described by D.C. Fraser, Geophysics, Vol. 4, No. 6. The advantage of this method is that it removes the "D.C." bias and attenuates long spatial wavelengths to increase the resolution of local anomalies. It also phase shifts the dip angle by 40 degrees so that the right cross-overs and inflections are transformed into peaks that yield contourable quantities.

The contoured ground VLF-EM survey results are presented in Fig. 12 b. A total of 7.475 line kilometers were surveyed.

The ground magnetometer survey was conducted using a Scintrex MP-2 Proton Precession Magnetometer. This instrument measures the magnitude of the total magnetic field of the Earth.

Readings were taken at 25m intervals along the crosslines of the survey grid. A total of 7.475 line kilometers were surveyed. The contoured results are presented in Fig. 12 a. Negligible dirunal drift was encountered during the survey.

Geochemical Method

A total of 113 soil samples, 12,rock samples (including 5 rock samples from soil silts), and 13 silt samples were collected from the property. Soil samples were taken from the "B" horizon at depths of 15-30 cm. using a cast iron mattock. Samples of no less than 200 grams were placed in Kraft paper gusset bags, then sun dried before shipment to the laboratory.

All samples were analyzed by Acme Analytical Laboratories Ltd. using an induction coupled plasma spectrophotometer for a 30 element suite (see Appendix C.), and atomic absorption for gold.

Regional Geology

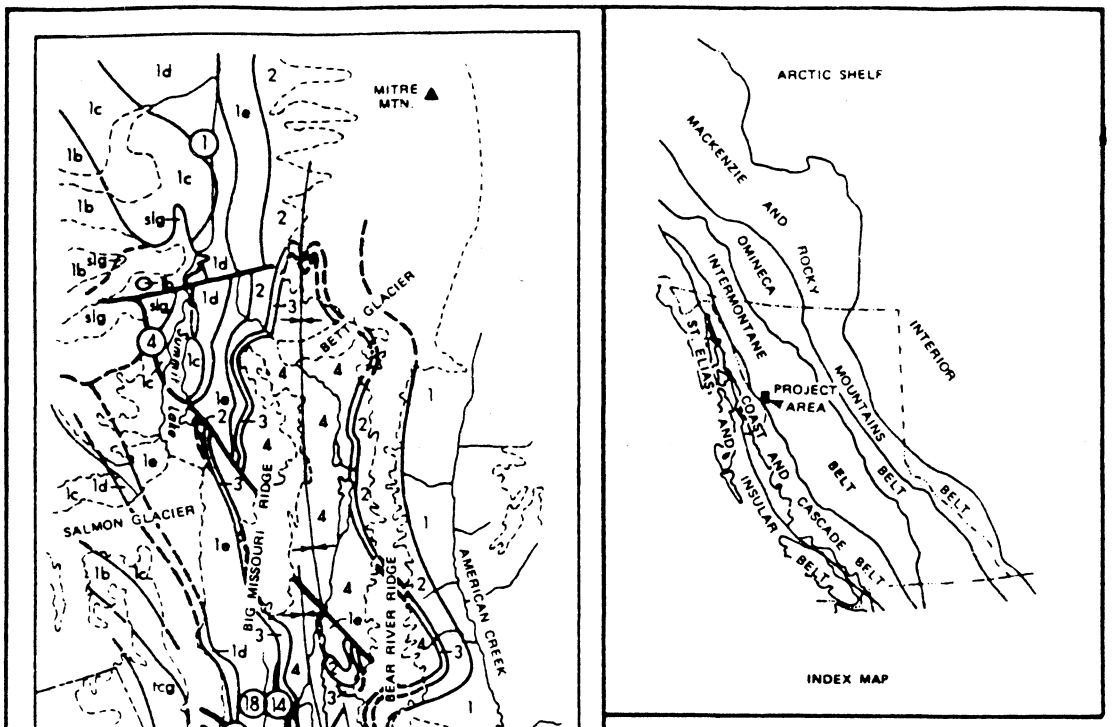
The geology of the Stewart area is characterized by a series of Lower to Middle Jurassic sedimentary and volcanic rocks of the Hazelton assemblage. These rocks are in contact with Coast Range intrusions, the most notable of which is the Texas Creek granodiorite. The Premier porphyry dykes, around which the ore lenses of the Silbak Premier mine were formed, are related to late stages of the Texas Creek intrusion. Other dyke systems include the Tertiary Portland Canal dyke swarm. The volcanic rocks range in composition from felsic to intermediate and include tuffs, breccias, and flows and are interbedded with sedimentary rocks. The volcanic-sedimentary sequence has been divided into Lower Hazelton (Early Jurassic) and Upper Hazelton (Early to Middle Jurassic) by Alldrick (1984), or into Hazelton and Bowser units by Grove (1971).

Stocks of the Texas Creek granodiorite intrude the southern parts of the claim group.

Property Geology

The 1986 exploration program was restricted to portions of the property where potential for economic mineralization has previously been reported.

Reconnaissance prospecting revealed a synclinal sequence of Bowser sediments in the upper part of Bear River Ridge (Ice



PROPERTY BOUNDARY

MAJOR MINERAL DEPOSITS

EAST GOLD MINE	(1)
SCOTTIE GOLD MINE	(4)
DAGO HILL DEPOSIT	(14)
BIG MISSOURI MINE (S-1 ZONE)	(18)
CONSOLIDATED SILVER BUTTE DEPOSIT	(19)
INDIAN MINE	(22)
SEBAKWE MINE	(28)
B.C. SILVER MINE	(29)
SILBAK PREMIER MINE	(30)
RIVERSIDE MINE	(36)
PROSPERITY AND PORTER IDAHO MINES	(46)

MAJOR ROCK UNITS

4 - Sedimentary Sequence
3 - Felsic Volcanic Sequence
2 - Epiclastic Sequence
1 - Andesitic Sequence
tcg - Texas Creek Granodiorite

To accompany a report by F. Di Spirito, B.A.Sc., P.Eng.

INDEPENDENCE PROJECT

FOR : MOCHE RESOURCES INC.

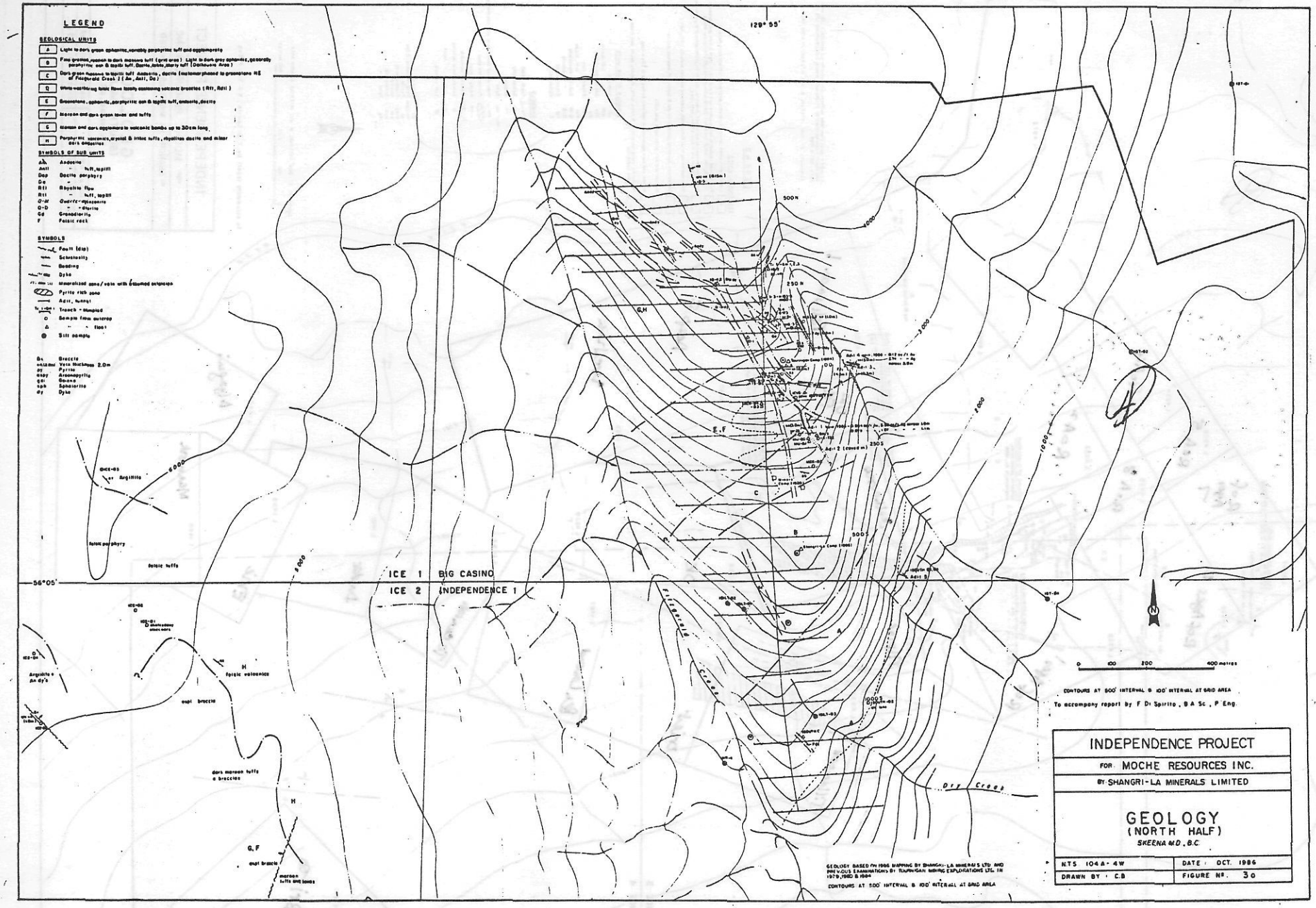
BY : SHANGRI-LA MINERALS LIMITED

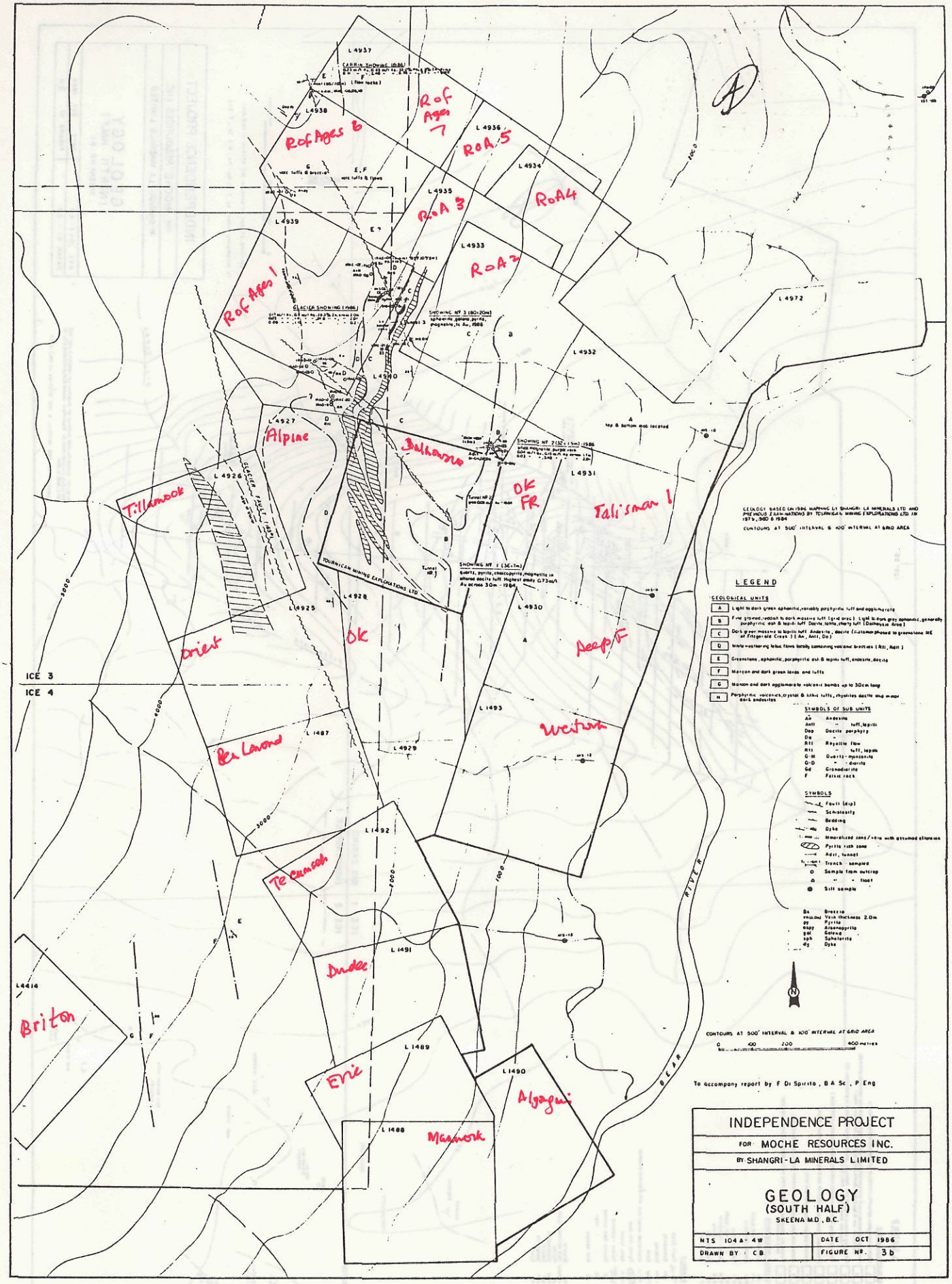
REGIONAL GEOLOGY

reproduced from Alldrick - 1984

SKEENA M.D., B.C.

N.T.S. 104 A - 4W	DATE : DEC 1986
DRAWN BY: MJM	FIGURE Nº 2


LEGEND
GEOLOGICAL UNITS
SYMBOLS OF SUB UNITS
SYMBOLS
129° 55'
56° 05'
ICE 1 BIG CASINO
ICE 2 INDEPENDENCE 1
Eliason Creek
Dry Creek
felsic volcanics
felsic porphyry
felsic tuffs
argillite
dark maroon tuffs & breccias
maroon tuffs and lavas
CONTOURS AT 500' INTERVAL & 100' INTERVAL AT GRID AREA
To accompany report by F. Di Spirito, B.A.Sc., P.Eng.
INDEPENDENCE PROJECT
FOR: MOCHE RESOURCES INC.
BY: SHANGRI-LA MINERALS LIMITED
GEOLOGY
(NORTH HALF)
SKEENA M.D., B.C.
NTS 104A-4W
DATE: OCT. 1986
DRAWN BY: C.B
FIGURE No. 30


RofAges 6
RofAges 7
RofAges 1
RofAges 5
RofAges 4
RofAges 3
RofAges 2
Alpine
Bulkamo
OK FR
Talisman
Tillamook
Orient
OK
Deep F
Western
De Lavoud
Tecumseh
Dundee
Erie
Algoma
McCamrock
Briton
ICE 3
ICE 4
L 4937
L 4938
L 4936
L 4934
L 4935
L 4939
L 4933
L 4972
L 4932
L 4927
L 4926
L 4931
L 4928
L 4925
L 4930
L 1493
L 1487
L 4929
L 1492
L 1491
L 4414
L 1489
L 1490
L 1488
RIVER
BEAR
GEOLOGY BASED ON 1986 MAPPING BY SHANGRI-LA MINERALS LTD AND PREVIOUS EXAMINATIONS BY TECHNICAL & MINING EXPLORATIONS LTD IN 1979, 1980 & 1984
CONTOURS AT 500' INTERVAL & 100' INTERVAL AT GRID AREA
LEGEND
GEOLOGICAL UNITS
A Light to dark green aphanitic, variably porphyritic tuff and agglomerate
B Fine grained, variable to dark massive tuff (grad unac). Light to dark grey aphanitic, generally porphyritic ash & lapilli tuff. Dacite lights, chalky tuff (Dalmeyn Area)
C Dark green massive to lapilli tuff. Andesite, dacite (Custom phased to greenstone NE of Fitzgerald Creek) (Aa, Aatt, Da)
D White-weathering felsic flows locally containing volcanic breccias (Rfl, Rattl)
E Greenstone, aphanitic, porphyritic ash & lapilli tuff, andesite, dacite
F Maroon and dark green lavas and tuffs
G Maroon and dark agglomerate volcanic bombs up to 30cm long
H Porphyritic volcanics, crystal & lithic tuffs, rhyolites dacite and minor dark andesites
SYMBOLS OF SUB UNITS
Aa Andesite
Aatt " tuff, lapilli
Dap Dacite porphyry
Da "
Rfl Rhyolite flow
Rtt " tuff, lapilli
G-M Quartz-monzonite
G-D " - diorite
Gd Granodiorite
F Felsic rock
SYMBOLS
Fault (dip)
Schistosity
Bedding
Dyke
Mineralized zone/vein with assumed extension
Pyrite rich zone
Adit, tunnel
Trench - sampled
Sample from outcrop
" - float
Silt sample
Ba Breccia
Vein thickness 2.0m
py Pyrite
aspy Arsenopyrite
gal Galena
sph Sphalerite
dy Dyke
N
CONTOURS AT 500' INTERVAL & 100' INTERVAL AT GRID AREA
0 400 200 400 metres
To accompany report by F Di Spirito, B A Sc., P Eng
INDEPENDENCE PROJECT
FOR MOCHE RESOURCES INC.
BY SHANGRI-LA MINERALS LIMITED
GEOLOGY
(SOUTH HALF)
SKEENA M.D., B.C.
NTS 104 A-4W
DATE OCT 1986
DRAWN BY C.B.
FIGURE No. 3b

claims). Evidence of complex northwesterly trending faulting was gathered while prospecting the area in the vicinity of the glacier on the Rock of Ages reverted crown grants. Detailed geological mapping was performed over an area of old workings on the Big Casino Claim.

A wide variety of volcanic and subvolcanic rocks with intercalations of sediments, all of the Hazelton assemblage, underly the property. The geological units were derived from 1986 mapping by Shangri-La Minerals Limited and previous property examinations by Tournigan Mining Explorations Ltd. in 1979, 1980, and 1984. An attempt was made to correlate the rocks on both sides of Fitzgerald Creek, which separates the Grid Area and the Rock of Ages claims. The creek follows a major northwesterly trending fault, with rugged cliffs making the area very inaccessable.

Beginning with the topographically uppermost unit the stratigraphic succession is as follows:

H Porphyritic volcanics, crystal and lithic tuffs; rhyolite, dacite, and minor dark andesite.

G Maroon and dark agglomerate; volcanic bombs up to 30 cm long.

F Maroon to dark green lavas and tuffs.

E Greenish aphanitic, porphyritic ash and lapilli tuff; andesite and dacite.

D White weathering felsic flows locally containing volcanic breccia.

C Dark green massive lapilli tuff; andesite and dacite (metamorphosed to greenstone on the Grid Area).

B Fine grained reddish to dark coloured massive tuff.

A Light to dark green aphanitic, variably porphyritic tuff and agglomerate.

Intruding all rock units mapped are rocks of the Portland Canal dyke swarm. These include:

1. Light grey, equigranular, medium grained hornblende biotite granodiorite.

2. Grey, porphyritic (plagioclose, pyroxene) fine to medium grained quartz diorite.

3. Light grey to pinkisk fine to medium grained quartz monzonite.

Other dykes of andesitic-dacitic composition containing orthoclose and plagioclose phenocrysts (Premier Porphyry dykes) occur in the west central part of the project area. A series of narrow andesite dykes which predate the Portland Canal dyke swarm was encountered on the Grid Area.

Structure

Northwesterly trending faults and fracture zones are the dominant structural features on the property. A series of 3 subparallel faults are present on the Rock of Ages claims. The most westerly one, the Glacier Fault, trends 165 degrees and is marked by a long gully which has been invaded by a glacier. The other two faults are found in deeply incised creeks below the eastern edge of the glacier. The faults dip southwesterly and contain well developed breccias and shear zones. Displacement was not determined.

On the Grid Area large-scale structures are masked by the massive nature of the lithologies. However, the distribution of mineralized zones in relation to major felsic dykes suggests that complex structural events predated and postdated mineralization (Figure 3). Small lateral and vertical displacement as well as the emplacement of younger dykes hinders attempts to resolve the structural succession in the area. Nevertheless many small fault zones, as indicated by sheared rock and fault breccias, occur along and parallel to the felsic dyke contacts.

Major structural dislocations are believed to have formed the Fitzgerald and Independence Creek canyons. Detailed investigations of these areas may help to understand the geological history of the area and possibly some of the factors controlling mineralization. Due to the ruggedness of the terrain, the 1986 work program did not cover these areas in great detail.

The rocks display a northwesterly to northeasterly striking and westward dipping schistosity. Bedding is not always visible. No well defined bedding was found in the massive volcanic units and the interpreted sequence of lithologies may be more structural than stratigraphical.

Alteration and Mineralization

Although the mineralogy and morphology of the precious metal bearing horizons differ considerably from one showing to another,

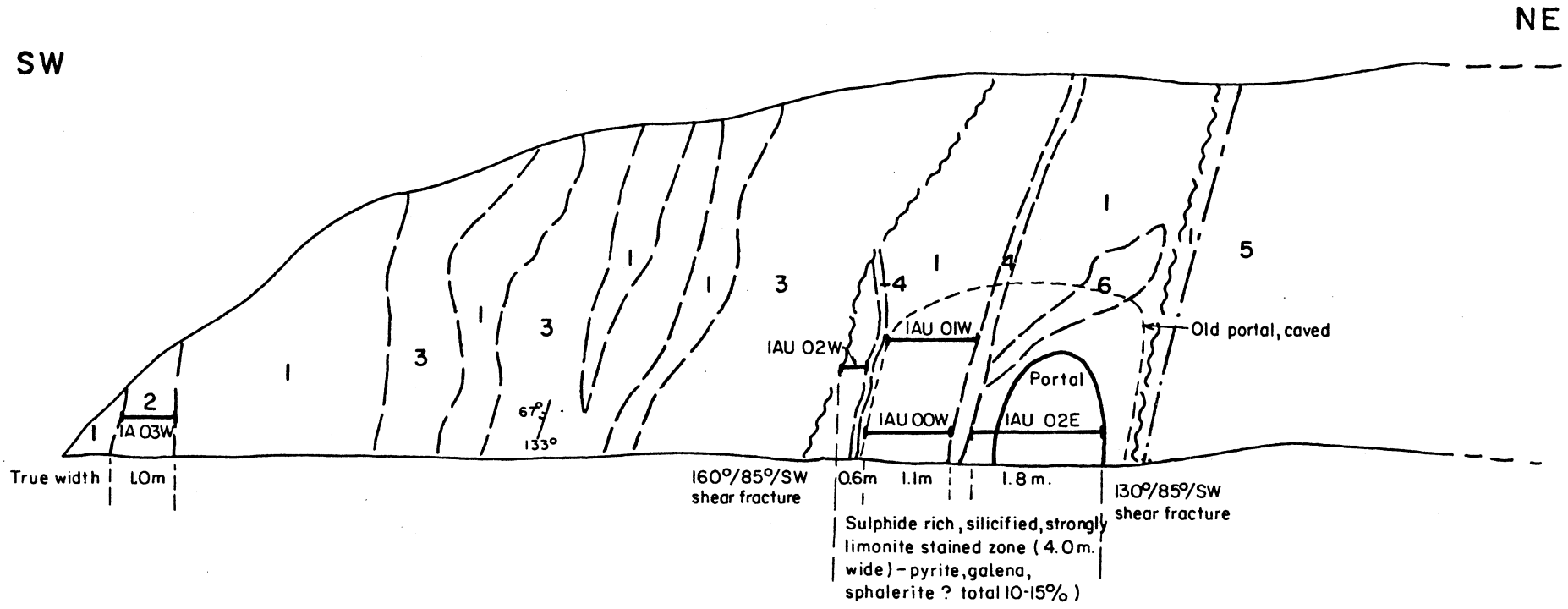
the alteration and mineralization on the property is generally structurally controlled. Mineralized zones examined are confined to two broad areas on the property, these are on the Big Casino and Independence claims (Grid Area), and on the Rock of Ages groups of reverted crown grants.

On the Grid Area the main mineralized horizon displays the characteristics of a replacement vein. The vein strikes southeasterly (132 degrees), and follows the contact where quartz monzonite dykes have intruded 3 volcanic units. This zone is cut by a combination of faults and younger dykes. The vein varies from 2 to 6.6 m wide and has been explored by an adit (Adit 1) for a distance of 170 m. A lower, caved adit (Adit 3) also explores the vein, reportedly for a distance of 50 m. Three trenches (trench #5, 6, 7,) approximately 170 m north of Adit 1 expose this vein and parallel veins on surface. Mineralization consists of pyrite, magnetite, and minor sphalerite and galena within banded silica-jasper-barite (Figures 5,6). The vein contains a fair amount of silver (from 0.3 to 14.4 oz./ton) and is enriched in gold (from trace to 0.079 oz./ton). These results were obtained from a population of 35 representative chip samples across the zone (see sample descriptions) and include 4 samples collected from Trenches #3 and #4. These trenches were excavated over mineralized, silicified breccia zones within sheared felsic dykes 340 m north of the Adit 1 portal. A sample collected across a 2 m wide breccia zone in this area contained 3.40 oz./ton Ag and 1 ppb Au.

Two other adits explore a mineralized zone 200 m to the east of Trench #5 (Figure 8). Mineralization occurs within a replacement zone in a tuffaceous andesite horizon which is flanked by two dykes. Alteration consists of jasper (10-15%) and a disseminated pyrite-sphalerite halo (2-5%). A representative chip sample from the upper adit (Adit 4) across 5 m returned values of 0.12 oz./ton Au and 2.74 oz./ton Ag (average of five 1 m chip samples). This area can only be accessed with the use of ropes.

A fifth adit is situated approximately 500 m to be southeast of Adit 1. This adit has been driven for 9 m in sheared greenstone. A selective sample of sheared, silicified and pyrite-chalcopyrite mineralized greenstone yielded 0.227 oz./ton Au and 1.17 oz./ton Ag. The mineralization is discontinuous with an average width of about 4 metres.

Another replacement zone was discovered on steep cliffs on L100N 125E. Tuffaceous, weakly silicified andesite is mineralized with disseminated sulphides along a felsic dyke contact. A one metre wide section assayed 2.75 oz./ton Ag and trace Au (average weighted from samples I NS-1 and I NS-2).



LEGEND

1	Greenstone (limonite, sulphide streaks)
2	Fractured, vuggy limonitic greenstone (pyrite 3%)
3	Andesite dyke
4	Deformed altered andesite dyke
5	Quartz monzonite - weakly altered, fine grained.
6	Limonite rich zone
⟝	Chip sample location

SCALE 1:100

0 1 2 4 metres

To accompany report by F. Di Spirito, B.A. Sc., P. Eng.

INDEPENDENCE PROJECT

FOR: MOCHE RESOURCES INC.

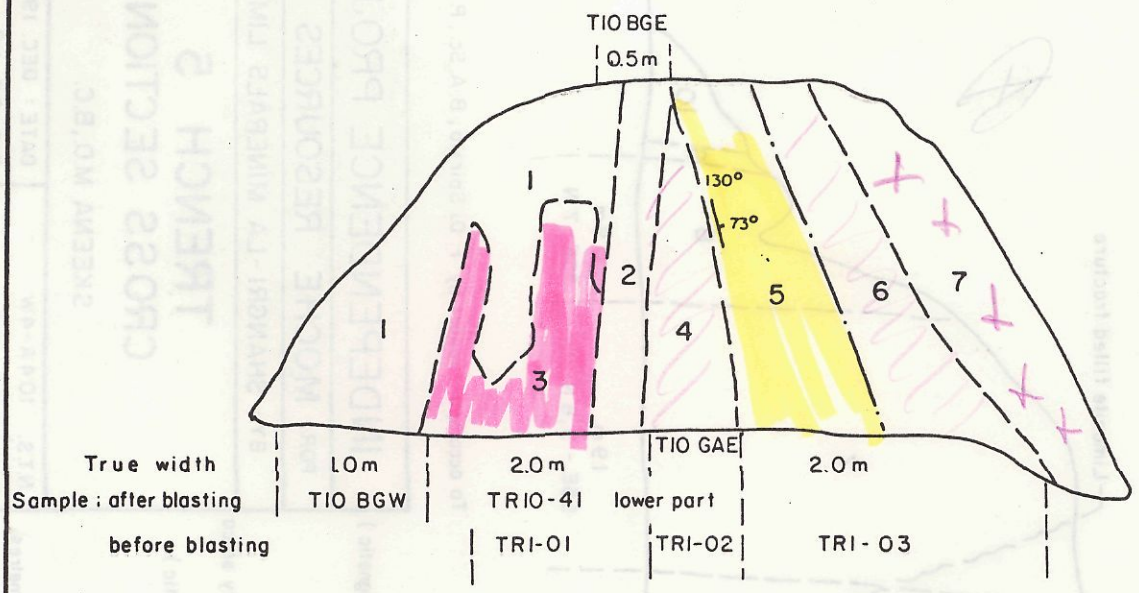
BY: SHANGRI-LA MINERALS LIMITED

ADIT 1 PORTAL
CROSS SECTION

SKEENA M.D., B.C.

N.T.S. 104A-4W	DATE: DEC. 1986
DRAWN BY: C.B.	FIGURE Nº. 4

CHONG



LEGEND

1	Earthy, black-brown gouge (manganese, hydrozincite ?, limonite)
2	Black - orange layered gouge
3	Massive sulphide mineralized, silicified & competent boulders (inplace) sulphides upto 30% vol. (pyrite, sphalerite, galena, argentite ?)
4	Greenish-dark, silicified volcanic, occasionally microdruses of yellow quartz
5	Banded zone of barite, quartz, jasper & magnetite with disseminated sulphide mineralization (undistinguishable) strongly magnetic 1.2m wide
6	Silicified , pyritic fragmented volcanic 0.7m wide
7	Porphyritic quartz monzonite dyke

0 1 2 metres

To accompany report by F. Di Spirito, B.A. Sc., P. Eng.

INDEPENDENCE PROJECT

FOR: MOCHE RESOURCES INC.

BY: SHANGRI-LA MINERALS LIMITED

TRENCH 7
CROSS SECTION

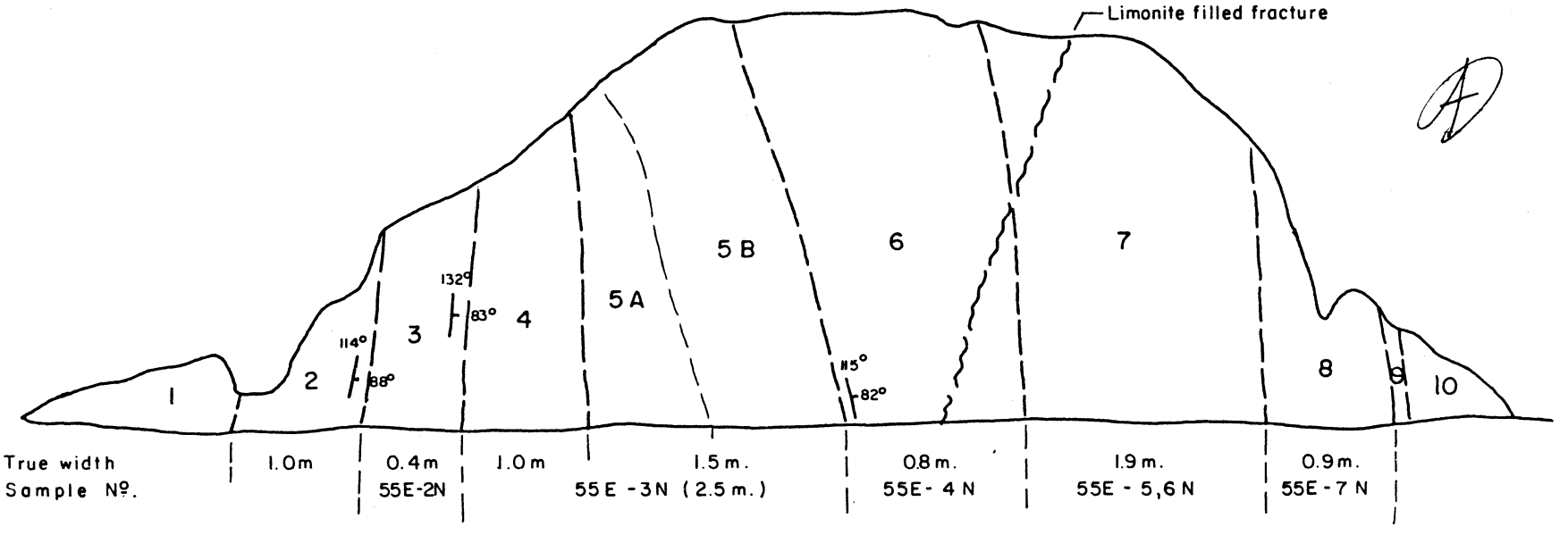
SKEENA M.D., B.C.

N.T.S. 104A-4W	DATE: DEC. 1986
DRAWN BY: C.B.	FIGURE Nº. 5

CHONG

SW

NE



LEGEND

1	Tuffaceous andesite weakly chloritized (non magnetic)
2	Aphanitic, massive dyke (rhyollite ?)(weakly ")
3	Dark massive silicified, chloritized (chlorite, epidote), mineralized by pyrite, pyrrhotite (3-5%) (strongly magnetic)
4	As above but entirely altered-silicified & sulphide mineralized (20%) (strongly magnetic)
5	Banded zone A. barite, carbonate, magnetite, silica minor diss. sulphides (strongly magnetic) B. jasper, silica, carbonates, magnetite ? diss. sulphides (10%) (weakly ")
6	Massive silicified, sulphide mineralized zone (heavily limonite & calcite stained) also some banding (jaspery silica & sulphide bands) - disseminated sulphides upto 15-20% (non magnetic)
7	Dark silicified carbonatized & pyrite mineralized zone (diss. pyrite 5%) (strong to moderately magnetic)
8	Banded carbonatized & skarn altered zone (moderately magnetic)
9	Aphanitic, massive dyke (rhyolite ?)
10	Porphyritic felsic dyke (quartz-monzonite)

SCALE 1:50

0 1 2 metres

To accompany report by F. Di Spirito, B.A. Sc., P. Eng.

INDEPENDENCE PROJECT

FOR: MOCHE RESOURCES INC.

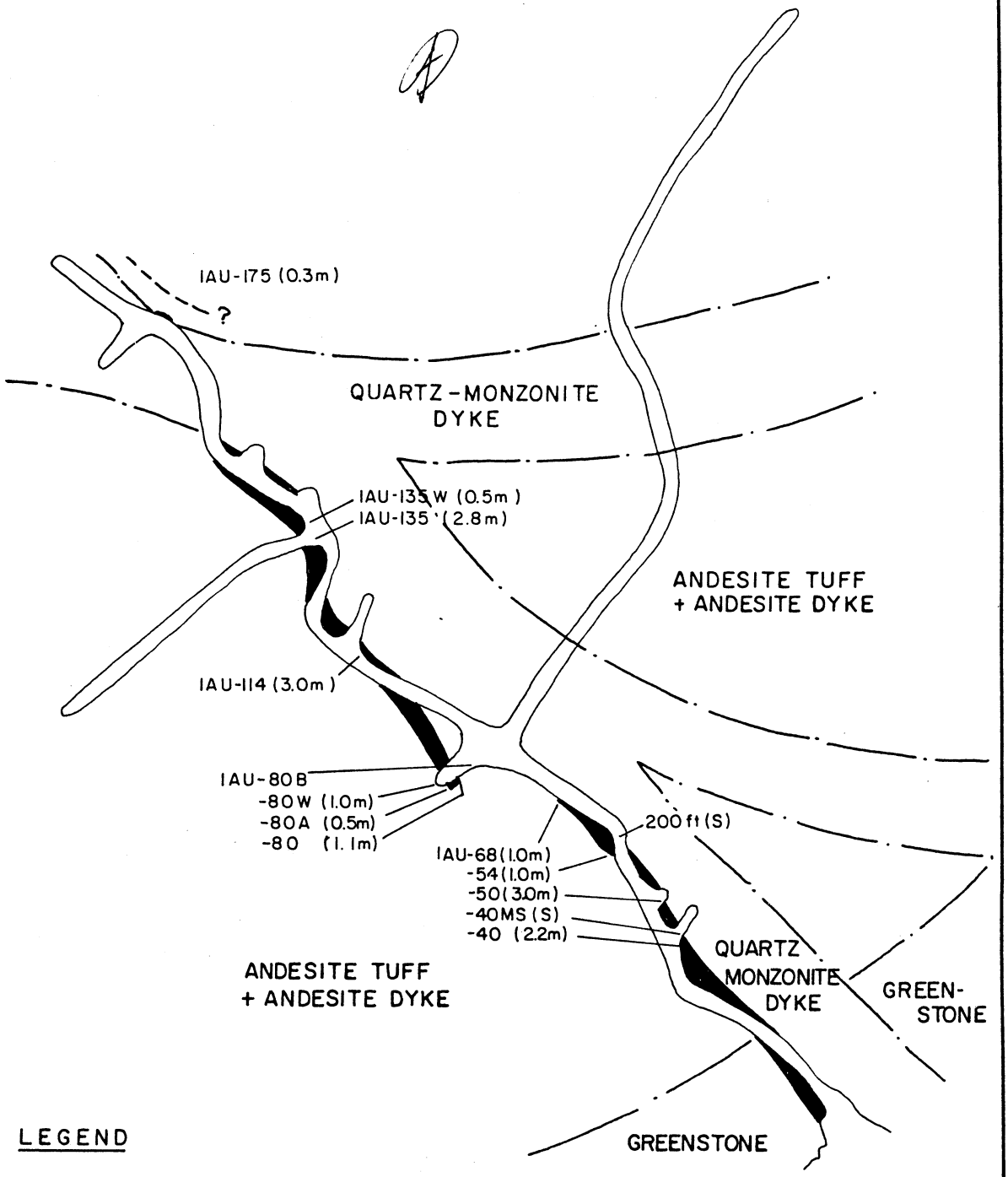
BY: SHANGRI-LA MINERALS LIMITED

TRENCH 5
CROSS SECTION

SKEENA M.D., B.C.

N.T.S. 104A-4W	DATE: DEC. 1986
DRAWN BY: C.B.	FIGURE Nº. 6

CHONG



LEGEND

MINERALIZED ZONE

IAU-40(2.2m) CHIP SAMPLE ACROSS 2.2m

(S) SELECTIVE SAMPLING

N

SCALE 1:1000

0 10 20 40 metres

To accompany report by F. Di Spirito, B.A. Sc., P. Eng.

INDEPENDENCE PROJECT

FOR: MOCHE RESOURCES INC.

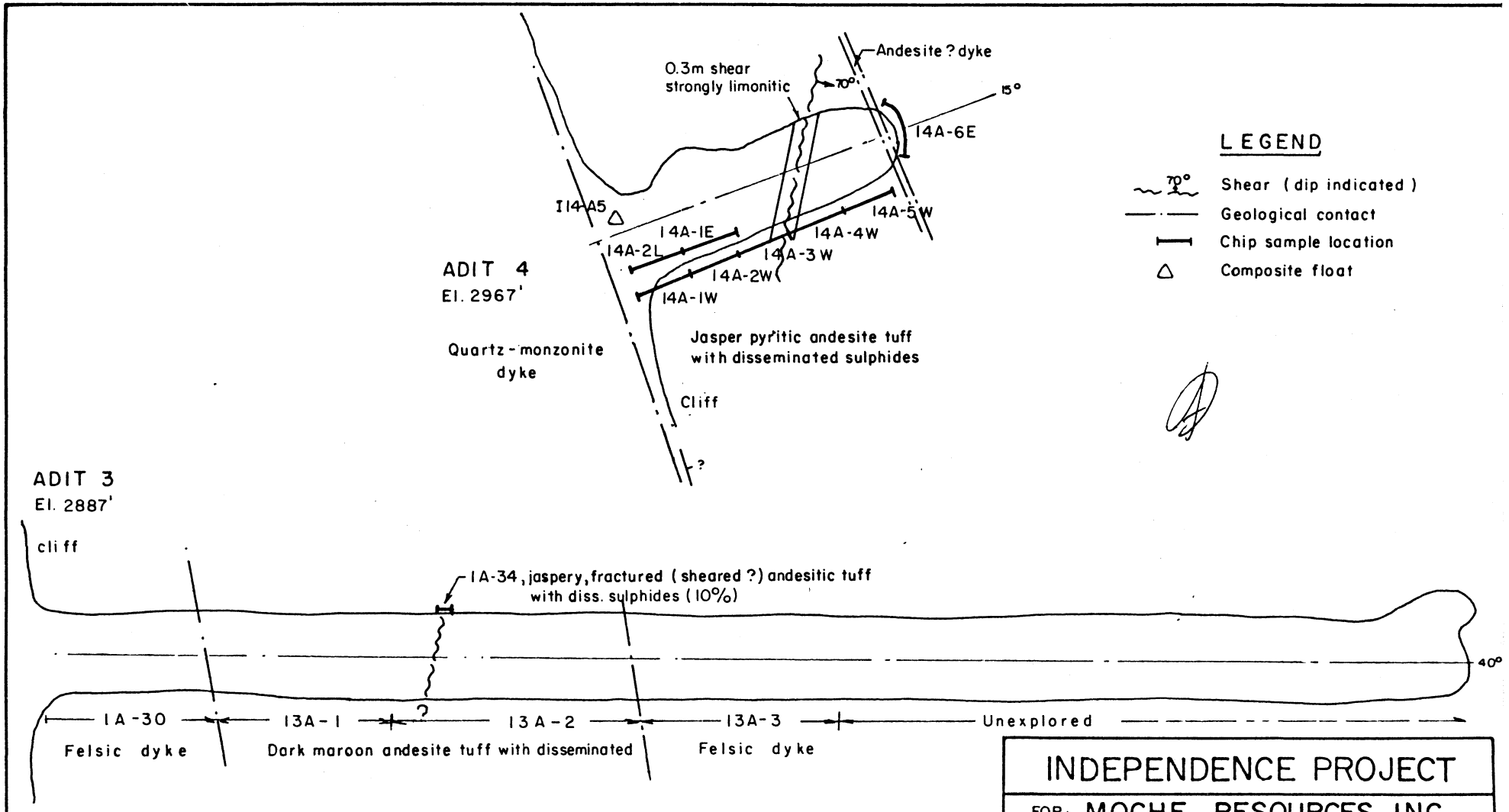
BY: SHANGRI-LA MINERALS LIMITED

ADIT 1
GEOLOGY & SAMPLE LOCATIONS

SKEENA M.D., B.C.

N.T.S. 104A-4W	DATE: DEC. 1986
DRAWN BY: C.B.	FIGURE Nº. 7

CHONG



INDEPENDENCE PROJECT

FOR: MOCHE RESOURCES INC.

BY: SHANGRI-LA MINERALS LIMITED

ADIT 3 & 4
GEOLOGY & SAMPLE LOCATIONS

SKEENA M.D., B.C.

N.T.S. 104A-4W	DATE: DEC. 1986
DRAWN BY: C.B.	FIGURE Nº. 8

CHONG

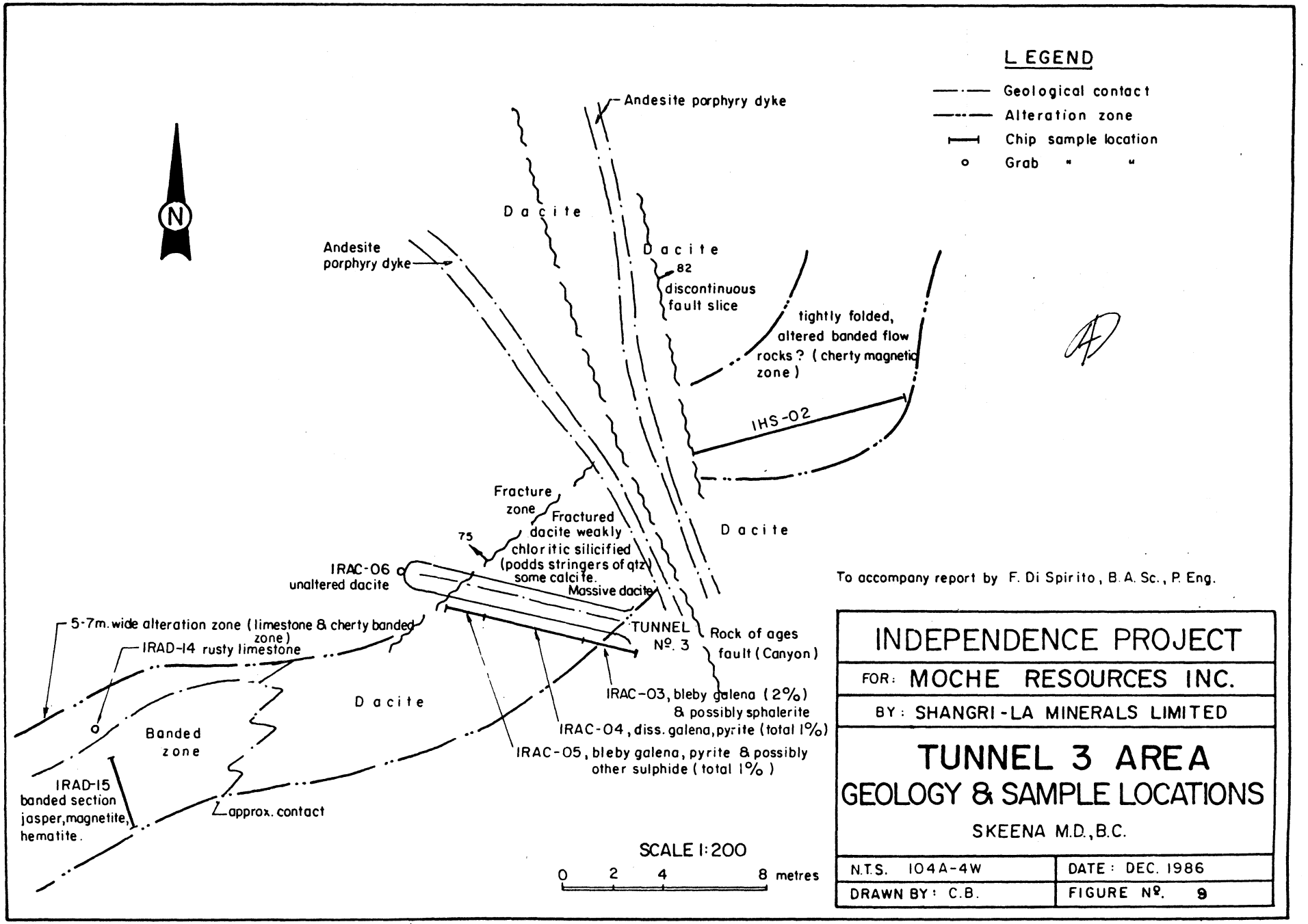
Mineralization on the Rock of Ages group of claims occurs in replacement and fracture/shear controlled zones. Replacement mineralization is found at "Showing No. 2" (Iron Vein) and "Showing No. 3" (Showing No. 1 is located on the Dalhousie claim, owned by Tournigan Mining Explorations Ltd.) Fracture/shear controlled mineralization is found below the glacier in the northeast corner of the Ice 3 claim at the "Glacier Showing" and in the southeast corner of the Ice 2 claim, at the "Carrin showing".

Showing No. 2 is located near the northeast corner of the Dalhousie claim near a contact between units B and C. The zone is a siliceous magnetite-pyrite vein with an observable length of 25 m and a width of 2 m, striking east-west and dipping steeply southwards. The best values from this vein were 0.04 oz./ton Au over 1.7 m and 3.48 oz./ton over 2.0 m. A sample across a 2 m wide section of a sulphide mineralized andesitic flow returned 860 ppb Au, 2.74 oz./ton Ag, 1.69% Cu and 1.10% Zn.

Showing No. 3 is located approximately 500 m northwest of Showing No. 2. Mineralization consisting of magnetite, galena, and sphalerite occurs in tuffaceous(?) dacites and lenses of limestone, chert and argillite. Total sulphide content ranges from 1 to 35%. Beds of argillite and chert have been replaced by a banded zone of jasper-magnetite-hematite which is tightly folded in the east (Figure 9). The dacitic rocks in the mineralized zone have been fractured, chloritized, hematized, and weakly silicified. A 9 m adit has been driven on this zone. The mineralized zone trends southwesterly for 70 m along steep cliffs, and ranges from 5 to 10 metres in width. The best sample from the tunnel returned trace Au, 0.16 oz./ton Ag, 0.73% Zn, and 0.29% Pb across a true width of 3.5 m. A sample of strongly limonititic agillite float mineralized with galena contained 220 ppb Au, 1.2 oz./ton Ag, 1.0% Pb, and 0.6% Zn.

The Glacier Showing is located approximately 250 m southwest of Showing No. 3. Mineralization and alteration consists of widespread propylitization of andesite and irregular massive sulphide occurrences associated with fault related fracture systems located betwen 2 major faults. A sample collected across 2 m of massive sulphide mineralized andesitic tuff contained 0.165 oz./ton Au and 28.31% Zn. A sample of a 30 cm wide shear yielded 0.096 oz./ton Au and 1.20 oz./ton Ag.

The Carrin Showing is located 800 m north of the Glacier Showing. An open cut exposes galena and sphalerite along the fractured contact of an andesitic dyke and dacitic (?) tuffs. A grab sample (IRAD-09) from the open cut assayed 0.112 oz./ton oz./ton Au, 2.40 oz./ton Ag, 6.76% Pb, and 7.72% Zn. The mineralization is probably related to a fault trending northwesterly from Showing No. 3. Altered and mineralized rocks are present along this structure and within associated diagonal



To accompany report by F. Di Spirito, B.A. Sc., P. Eng.

INDEPENDENCE PROJECT

FOR: MOCHE RESOURCES INC.

BY: SHANGRI-LA MINERALS LIMITED

TUNNEL 3 AREA
GEOLOGY & SAMPLE LOCATIONS

SKEENA M.D., B.C.

N.T.S. 104A-4W	DATE: DEC. 1986
DRAWN BY: C.B.	FIGURE Nº. 9

CHONG

shears. Features include a 4 m wide banded cherty magnetite horizon similar to Showing No. 3 and a 0.5 m thick lens of limestone strongly mineralized by well developed crystals of arsenopyrite. Other alteration zones along the fault include bleached pyritic horizons; silicified hematized fault breccias; cherty, banded replacement zones; silicified and pyritized felsic and intermediate volcanics; and chloritized and epidotized intermediate volcanics.

Discussion

Mineralization within the Independence project area consists of replacement and shear/fracture controlled mineralization. Mineralization on the Grid Area is found at the contact between quartz monzonite dykes and country rock. These dykes have been mapped over a distance of approximately 1.1 km; gold and silver mineralization has been noted in separate areas over a distance of 400 m. Favourable sites are apparently along sheared or brecciated zones at the intrusive contacts. Massive sulphide and associated precious metal mineralization on the Rock of Ages group of claims is associated with the northwesterly trending faults in that area.

Discussion of Airborne Geophysical Results

The airborne total magnetic field strength survey has two features which can be related to geology. Magnetic results at the northern tip of flight line 7 may be related to the magnetic anomalies in the north of the surface grid (Figures 11b and 12a). On flight line 9 a magnetic anomaly 3 km from the south tip of the line correlates with the mineralized zone on the Dalhousie Crown Grant owned, by Tournigan Mining Exploratons Ltd. (Figures 11b and 3). All other anomalies are either in areas covered by ice or areas not mapped during the 1986 survey . There are no clear trends to these anomalies, therefore determination of possible extentions to known mineralization has not been possible.

The airborne VLF-EM survey distinguished no anomalies that can be related to known geological features. The Annapolis VLF-EM data is noiser than the Seattle VLF-EM data because the Annapolis field is weaker and a higher amplification level creates electronic noise (Figures 11c and 11d). The Annapolis VLF-EM results show one zone of strong activity on line 7 about 1.25 km from the southern tip of the line. An anomaly about 1.8 km north of the southern tip of line 6 is coincident with the anomaly on line 7. Again there is no geological information to correlate with this anomaly (Figure 11d).

The fact that anomalies occurring on individual flight lines cannot be correlated with those on adjacent flight lines indicates that the features are narrow or that they are roughly parallel to the flight lines.

Discussion of Ground Geophysical Results

Of the two ground geophysical surveys (VLF-EM and magnetics) only the magnetometer survey was useful in detecting anomalous trends (Figures 12a and 12b). A high magnetic feature on Line 2+00S, 1+25 E trends north-northwest to Lines 3+00 N and 3+50 N (Figure 12a). The very high magnetic anomalies of Lines 3+00 N and 3+50 N are indicative of two indepedent features which dip steeply. Two weak magnetic lows to the west-southwest of the highs suggest a slight dip to the west (Figure 12a). From geological data, it is clear that the magnetic highs on lines 3+00 N and 3+50 N are related to andesite dykes and that the lower magnetic trend is related to quartz monzonite dykes (Figures 12a and 3). The VLF-EM survey was unable to deliniate the sulphide rich areas located on the Grid Area because of the relative narrow thicknesses of these zones (maximum of 6 m) and the presence of sphalerite, a non-conductive mineral, in some areas.

Discussion of Geochemical Results.

A total of 113 soil samples were collected, where possible, on grid lines established over the mineralized zone straddling the Independence 1 and Big Casino claims. Rock samples were substituted at five locations where talus slopes replaced soil cover. Twelve silt samples were collected from various creeks on the property; one sample was collected 400 meters north of the northwest corner of the property. The abrupt relief of the claim area, the abundant rainfall and the severe effects of the recently receded glaciers impede soil development processes on the property. A few moderately steep slopes are covered with glacial and colluvial rock fragments where they are undergoing mainly physical decay. A thin and weakly differentiated humus horizon indicates the early stages of soil formation. Chemical weathering, other than leaching of water soluble minerals, is virtualy absent.

Overburden depth appears to range from a few centimeters and one meter. Downslope creep is apparent but has little effect on the sampling since the grid is located along the crest of a ridge.

Geochemical results are highly anomalous in gold, silver, copper, lead and zinc in the area of surface trenches over the mineralized zones located on the eastern sides of Lines 00 and 50S. Anomalous values of gold, silver, copper, lead and zinc at L400S, 400S, 150E may be due to a southern extension of the main mineralized zone at Adits 1 and 2. Many of the higher results are located over mapped quartz monzanite dykes, suggesting the presence of underlying mineralization associated with the dyke contacts. Such areas are located at L 200N, 125W-150W; L 50S,00-25W; and L 400S, 50E-75E. Slightly anomalous gold, silver, copper, lead and zinc values at L 500S, 100W correlate with the presence of a granodiorite dyke. Above backround values adjacent to and north of this area may reflect the presence of this and other dykes.

A general interpretation of the geochemical results is that higher values reflect possible mineralization at dyke-country rock contacts. Anomalous gold, silver, copper, lead and zinc values from silt samples are generally attributable to areas of known mineralization. The one exception is INS-13 (210 ppb Au), which was collected from a creek draining the southern region of the property.

Conclusions and Recommendations

Two adits and several trenches on the Big Casino claim explored gold and silver bearing silica-jasper-barite veins mineralized with pyrite, magnetite, spalerite and galena. This vein and parallel veins occur at the contacts of quartz monzanite dykes and country rock. These dykes have been mapped over a distance of approximately 1.1 km; gold and silver bearing mineralization has been noted in a succession of showings spread over a distance of 400m. Two additional adits explored a mineralized zone, also associated with dykes, some 200m to the east. Representative sampling returned values of 0.12 oz/ton Au and 2.74 oz/ton Ag over 5m. Soil geochemistry reflects mineralization associated with dyke-country rock contacts.

Four showings are located on the Rock of Ages group of reverted Crown Grants. Massive sulphide and associated precious metal mineralization is associated with replacement veins and northwesterly trending faults. The best results in the area are from the "Glacier Showing", where massive sulphide mineralized andesite tuff analysed 0.165 oz/ton Au and 28.31 percent zinc over 2m. A silt sample collected from an eastward flowing creek 1.5 km south of this area carried 210 ppb Au.

Airborne and ground magnetic results reflect the trend of the quartz monzanite dykes on the Big Casino and Independence 1 claims. High magnetic anomalies in that area are attributable to andesite dykes. Other airborne magnetic anomalies are over unmapped areas and regions covered by ice fields.

To locate surface extensions of mineralization present on the Big Casino and Independence 1 claims, the quartz monzanite-country rock contacts should be mapped and sampled in detail. Additional surface blasting and sampling should be conducted to extend the mineralized zone at Adits 3 and 4.

Detailed mapping and sampling is also required over the showings located on the Rock of Ages group of reverted Crown Grants. Prospecting should be conducted over as much of the remainder of the claims as is possible, concentrating on the reverted Crown Grants. Due to the ruggedness of the terrain some of the personel should have mountaineering experience.

Diamond drilling should be conducted at selected sites over the main vein and the zone at Adits 3 and 4 on the Big Casino claim and other areas of interest (including those on the Rock of Ages claims) to test for precious metals at depth.

Estimated Cost of Proposed Exploration Program

Diamond Drilling, allow 350m @ $115/meter	$40,000
Trenching (blasting), allow	10,000
Geological Support, allow	8,000
Reconnaissance prospecting, allow	3,000
Analysis and Assays, allow	5,000
Camp Costs, allow	10,000
Helicopter support, allow	10,000
Contoured Orthophoto of Property, allow	6,000
Engineering, Supervision and reports, allow	8,000
TOTAL	**$100,000**

Contingent upon obtaining positive results from the proposed program and an engineering evaluation, additional diamond drill tests will be necessary, in order to properly define the geometry and grade characteristics of economic mineralization occuring on the Independence Project property.

Respectfully submitted at Vancouver, B.C.

Frank Di Spirito, B.A.Sc., P.Eng.
December 22, 1986

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
I SOUTH C	Grab Float	Jaspery andisite tuff.	Grid Area 1090S/50E		330		13.8			
I SOUTH 02	Grab	Milky quartz lens in greenstone.	Grid Area 100S/230E		10		0.5			
I SOUTH 03	Selective Grab	Sulphide mineralized silicified greenstone.	Adit #5		2620		40.1			0.1
I SOUTH 04	0.3 m	Sheared, limonitic, silicified greenstone.	Adit #5		18		3.9			
I CVD-01	0.6 m	Sheared, silicified and sulphide mineral-	Grid Area 90S/85E		131		34.2			
IA-4	Grab Float	Jaspery, sulphide mineralized andesite tuff.	Adit #4	0.001				1.26		

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 6 1986 DATE REPORT MAILED: Oct 15/86 ASSAYER: D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT - INDEPENDENCE FILE # 86-3064

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
GM-01	4	60	305	1983	9.8	4	15	795	5.29	87	5	ND	3	14	10	4	2	91	.39	.084	8	12	.37	44	.15	2	.79	.01	.07	5	1
TRI-01	47	195	703	1080	93.4	4	12	672	10.30	158	5	ND	1	25	8	68	11	84	.02	.007	2	8	.10	9	.01	2	.30	.01	.02	98	21
GM-02	7	214	893	1749	16.5	4	22	1026	5.26	71	5	ND	2	17	4	4	2	109	.28	.070	10	10	.28	786	.11	2	.78	.01	.06	19	17
TRI-02	10	301	1558	1466	95.9	1	20	3247	16.01	327	5	ND	1	4	7	63	15	55	.01	.006	3	6	.05	65	.01	2	.45	.01	.01	40	220
GM-03	5	42	32	201	1.5	9	13	966	5.62	38	5	ND	3	15	1	2	3	105	.55	.096	7	16	.74	85	.15	2	1.23	.02	.14	5	3
TRI-03	7	180	2396	2825	338.3	1	11	410	4.04	28	5	ND	1	58	19	50	2	32	.03	.005	2	7	.05	27	.01	2	.11	.01	.01	26	17
GM-04	3	50	137	266	33.4	3	10	354	11.84	220	5	ND	2	18	3	65	7	21	.80	.049	7	12	.43	4	.03	2	.58	.03	.08	10	7
GM-05	4	641	920	247	33.7	6	7	448	5.16	63	5	ND	1	4	1	3	3	31	.03	.021	3	9	.16	140	.01	2	.37	.01	.03	33	67
IAU-54	43	6877	3870	78824	98.8	3	46	694	6.79	15	5	ND	1	32	989	12	70	61	.05	.027	2	9	.16	16	.03	6	.27	.01	.02	2	290
IAU-68	21	3701	1621	32025	29.1	3	22	1079	7.34	75	5	ND	1	14	236	10	7	62	.71	.055	5	9	.38	11	.04	4	.62	.01	.07	2	73
IAU-80	39	38023	713	4332	36.9	2	103	1254	12.59	82	5	ND	1	10	32	4	10	43	.25	.035	3	5	.48	11	.05	6	.83	.01	.06	1	61
IAU-80A	120	203	1582	20075	22.1	1	23	1394	17.66	592	5	ND	1	42	190	50	10	48	3.24	.010	8	7	.17	6	.01	2	.29	.01	.04	3	250
IAU-80B	8	729	124	567	9.5	3	11	1732	4.44	24	5	ND	2	57	4	2	13	33	3.38	.103	9	6	.64	83	.07	2	1.08	.01	.14	3	35
IAU-80W	7	75	325	656	1.6	4	7	1119	4.19	45	5	ND	1	42	4	5	2	48	2.14	.078	5	11	.29	70	.07	2	.64	.01	.08	9	7
200 FT.	15	6520	2490	17600	107.6	5	27	1369	11.34	70	5	ND	1	39	144	23	35	109	1.61	.008	5	8	.16	9	.01	2	.20	.01	.02	2	450
N.153	7	222	392	1436	42.8	1	12	3996	2.25	34	5	ND	1	209	6	14	5	15	29.25	.001	3	4	.03	31	.01	2	.05	.01	.01	1	5
N.154	15	104	698	1794	113.1	7	9	1020	5.57	29	5	ND	1	29	9	6	4	32	1.92	.054	9	14	.25	16	.08	4	.48	.01	.02	1	1
N.155	59	179	343	922	221.2	4	14	556	15.70	123	5	ND	1	8	7	10	12	17	2.87	.001	9	7	.03	9	.01	2	.11	.01	.01	3	2
N.160	64	326	497	713	112.9	6	20	2336	7.42	52	5	ND	1	7	3	5	7	35	2.46	.008	4	10	.06	25	.01	2	.39	.01	.01	3	24
N.161	70	788	211	1205	196.8	3	12	552	19.90	498	5	ND	1	2	8	7	13	22	1.83	.001	2	10	.04	6	.01	2	.08	.01	.01	8	2
N.173	5	50	322	1432	3.9	5	10	840	4.39	50	5	ND	1	22	5	2	2	54	.70	.072	6	10	.40	61	.12	3	.61	.01	.05	2	1
40S 51E	5	284	1851	2867	125.6	3	14	973	7.77	144	5	ND	1	51	27	61	6	40	.22	.005	2	5	.02	19	.01	2	.11	.01	.01	24	33
55E 3N	4	111	1503	2454	139.3	4	8	229	3.43	21	5	ND	1	87	14	34	2	22	.03	.007	2	6	.03	37	.01	4	.05	.01	.01	28	11
55E 2N	3	76	560	1552	15.0	6	13	833	6.28	23	5	ND	1	33	8	2	3	63	.33	.066	5	12	.38	36	.12	2	.44	.01	.05	19	5
55E 1N	8	101	286	650	106.0	2	10	492	6.99	16	5	ND	1	80	2	10	2	52	1.11	.005	4	6	.02	83	.01	2	.05	.01	.01	57	87
55E 4N	34	255	4238	3041	288.6	7	17	123	7.97	336	5	ND	1	13	25	120	7	17	.01	.004	3	10	.01	7	.01	2	.02	.01	.02	17	112
STD C/AU-R	21	60	36	134	6.7	66	30	1018	3.96	43	19	8	33	48	18	18	19	62	.48	.108	38	60	.88	178	.08	34	1.73	.06	.13	13	495

— Assay required for correct result for Cu > 10,000 PPM
Zn > 20,000 PPM
Ag > 34 PPM

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 6 1986 DATE REPORT MAILED: Oct 10/86 ASSAYER. D Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT - INDEPENDENCE FILE # 86-3066 PAGE 1

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
ICE-01	1	10	15	13	.2	8	3	131	.76	2	5	ND	3	19	1	2	2	6	.20	.025	5	6	.27	62	.05	3	.50	.02	.12	2	1
ICE-02	1	2	10	71	.1	1	5	177	1.81	9	5	ND	5	19	1	2	2	13	.33	.062	12	2	.99	123	.09	4	1.23	.01	.34	1	1
IRAE-02 GM	9	48	519	1334	3.2	5	11	2958	3.96	294	5	ND	2	18	10	5	2	31	.52	.076	7	3	.42	71	.01	2	.60	.01	.21	1	7
ICE-03	1	80	34	166	.6	36	14	478	3.98	13	5	ND	1	50	1	2	2	54	1.48	.095	13	13	.89	54	.01	2	1.51	.04	.14	1	1
IRAE-03 GM	5	13	15	62	.5	4	10	172	3.40	9	5	ND	2	7	1	2	2	11	.26	.055	5	2	.18	22	.01	2	.51	.02	.26	1	1
ICE-04	24	22	164	185	6.9	12	21	375	5.85	62	5	ND	3	9	1	7	2	83	.45	.176	11	13	.29	18	.19	2	.56	.08	.04	1	7
ICE-05	2	52	26	102	.6	94	13	576	5.39	30	5	ND	2	9	1	2	2	62	.03	.037	12	57	1.54	168	.01	4	2.49	.02	.17	1	1
IRAD-11	2	10	23	69	.3	5	10	522	8.18	8	5	ND	5	27	1	2	2	66	.20	.216	8	8	.86	208	.09	2	1.10	.02	.20	1	5
IRAD-12	3	6	9	19	.7	2	3	122	2.43	3	5	ND	5	4	1	2	2	7	.03	.055	11	2	.18	93	.01	2	.51	.01	.23	1	4
IRAD-13	12	907	129	276	41.0	2	18	294	12.41	78	5	4	3	5	1	3	33	18	.04	.026	2	1	.16	6	.02	2	.43	.01	.19	1	3280
IRAD-14	91	28	304	2091	8.1	5	11	6548	6.00	183	6	ND	6	67	13	17	2	30	6.80	.034	5	2	.60	37	.02	2	.90	.01	.16	1	63
IRAD-15	11	31	347	714	2.0	1	11	3680	23.89	38	10	ND	2	55	7	5	2	21	.99	.020	2	2	.31	100	.02	2	.71	.01	.11	19	8
IRAC-20	2	9	16	78	.3	1	3	795	1.94	5	5	ND	7	4	1	2	2	9	.17	.059	9	2	.57	144	.05	3	.95	.01	.30	1	6
IRAC-21	7	1738	78	6522	18.2	5	10	4258	8.68	23	5	ND	3	54	46	12	6	29	9.66	.009	3	2	.16	16	.01	3	.26	.01	.03	47	34
IRAC-22	411	91	10021	6622	39.6	7	9	733	5.25	279	6	ND	4	6	66	45	2	52	.04	.044	2	1	.47	46	.01	3	.65	.01	.19	1	220
IRAC-23	17	120	868	5096	4.0	1	11	4707	16.37	37	5	ND	2	95	47	6	2	20	5.81	.004	4	3	.17	13	.01	7	.18	.01	.08	4	9
1+00N 1+25W	4	7	82	116	.5	3	2	566	1.40	4	5	ND	3	20	1	2	2	11	.32	.031	9	2	.28	102	.10	4	.84	.05	.27	1	1
1+00N 1+00W	1	25	29	180	.2	7	7	532	2.40	3	5	ND	4	55	1	2	2	39	.72	.083	9	8	.92	42	.18	3	1.32	.07	.10	1	1
1+00N 0+75W	1	2	19	70	.2	6	6	352	2.14	2	5	ND	9	70	1	2	2	33	.64	.077	10	9	.79	48	.16	3	1.28	.06	.18	1	1
5+00S 1+50E	1	2	12	115	.1	4	4	767	1.83	2	5	ND	3	9	1	2	2	30	.21	.066	9	2	.63	167	.08	2	1.21	.02	.63	1	1
12+00S 2+50E	12	64	16	34	.4	1	6	422	1.92	2	5	ND	2	53	1	2	4	11	.94	.040	5	2	.18	31	.08	3	1.06	.14	.07	2	7
STD C/AU-R	21	55	40	125	6.8	68	30	1006	3.93	43	17	8	33	47	17	16	22	62	.48	.106	36	58	.88	175	.08	34	1.73	.06	.13	12	520

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: PULP AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 6 1986 DATE REPORT MAILED: Oct 14/86 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT - INDEPENDENCE FILE # 86-3067

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
6M 60S-110E	6	83	68	651	3.1	9	12	725	5.21	82	5	ND	1	5	2	5	2	58	.15	.081	4	11	.26	91	.07	2	.66	.01	.11	7	22
IA-25 FA	11	70	1372	345	5.2	8	6	126	6.92	124	5	ND	1	5	2	26	2	39	.04	.023	2	7	.02	105	.03	3	.14	.01	.07	55	121
IA-30 FA	3	126	24	491	.4	18	11	542	3.37	2	5	ND	4	41	1	2	2	21	1.19	.069	12	27	.67	67	.06	2	.84	.03	.11	1	7
IA-34 FA	3	14792	218	1673	20.8	7	1	1124	7.10	29	5	ND	1	33	10	2	3	21	1.59	.014	8	8	.47	27	.02	2	.89	.01	.04	1	720
IA-72E FA	4	32	972	3755	1.7	7	10	1144	12.74	50	5	ND	2	9	17	2	2	104	.22	.078	15	7	.43	49	.11	2	.77	.01	.19	24	34
IA-03W 6M	8	549	1519	2065	29.9	4	8	1087	10.13	164	5	ND	2	10	6	12	2	54	.13	.073	6	7	.37	146	.14	5	.81	.01	.17	3	230
IA-CR02 6M	4	894	915	609	8.6	11	11	4209	9.63	22	5	ND	2	4	3	2	2	68	.07	.036	10	15	1.60	111	.07	2	2.70	.01	.25	1	39
IA-CR03 6M	2	23	18	106	.2	9	10	488	3.02	4	5	ND	3	25	1	2	2	40	.39	.101	9	11	1.07	329	.09	2	1.15	.02	.20	1	4
IA-CR04 6M	7	38	57	321	1.3	11	12	1566	4.41	17	6	ND	4	50	1	2	2	73	1.59	.093	12	11	1.59	282	.17	4	1.31	.07	.08	1	3
IAU-01W FA	10	897	1493	8746	64.9	8	14	855	13.73	96	5	ND	1	6	66	18	119	59	.07	.020	4	9	.29	17	.03	7	.57	.01	.04	11	1920
IAU-02W 6M	17	348	2415	11179	11.0	7	27	909	15.37	185	5	ND	2	10	43	23	2	40	.18	.060	8	10	.44	28	.08	2	.81	.01	.10	7	390
IAU-02E	5	910	2338	4094	36.8	6	8	1056	13.97	66	5	2	1	9	19	11	39	125	.07	.010	9	5	.24	17	.03	2	.48	.01	.04	13	2450
IAU-00W FA	39	826	7464	18010	35.6	7	19	273	13.32	484	5	ND	1	23	217	47	19	22	.10	.026	4	7	.20	9	.05	7	.31	.01	.04	5	930
IAU-40 FA	10	627	897	2656	21.3	3	11	2133	16.33	227	5	ND	1	34	16	14	29	145	2.29	.022	12	4	.36	76	.02	2	.74	.01	.06	22	1320
IAU-40MS FA	13	3481	1721	10555	153.0	7	6	1667	11.60	159	5	2	1	34	94	25	229	112	2.28	.007	8	11	.27	28	.01	2	.64	.01	.03	5	1420
IAU-50 FA	23	1077	3353	20983	20.4	7	10	2433	8.72	89	5	ND	1	15	195	8	9	84	.34	.019	4	8	.31	55	.02	2	.55	.01	.04	4	310
IAU-114	23	1508	1692	4480	49.7	4	10	1965	9.99	127	5	ND	1	36	42	20	49	66	2.00	.022	8	7	.34	73	.03	2	.57	.01	.03	23	225
IAU-135W	14	558	2731	18242	41.1	11	6	718	4.21	21	5	ND	1	38	195	5	22	30	1.67	.021	2	14	.15	58	.02	2	.30	.01	.05	4	330
IAU-135 FA	17	1109	2936	17826	52.4	7	6	2372	6.40	141	10	ND	4	71	149	19	21	54	8.79	.011	6	10	.14	49	.01	2	.25	.01	.02	3	160
IAU-175 FA	3	258	219	608	6.9	7	16	1037	7.77	28	5	ND	2	57	6	5	6	50	2.22	.076	7	11	.29	103	.08	2	.48	.01	.13	19	65
IAU-BJ FA	24	1062	17181	36508	358.3	11	9	602	6.41	42	5	ND	1	25	349	11	66	48	2.10	.001	9	13	.06	24	.01	2	.09	.01	.02	6	610
ID-1	2	31	322	847	7.4	7	10	804	4.20	32	5	ND	4	26	5	2	2	76	.39	.093	7	9	.31	98	.17	2	.52	.01	.07	1	2
ID-2	1	24	38	20	.6	7	3	59	1.59	5	5	ND	2	3	1	2	2	2	.03	.028	8	6	.02	105	.01	2	.23	.01	.12	1	1
ID-3	2	55	90	60	.6	10	5	475	2.03	5	5	ND	1	60	1	2	2	11	1.31	.011	2	13	.20	154	.01	2	.27	.01	.06	1	1
ID-4	4	38	16	31	.6	12	5	220	2.52	8	5	ND	3	11	1	2	2	7	.23	.039	4	13	.22	138	.04	3	.76	.03	.20	1	1
ID-5	2	16	20	17	.3	4	2	53	1.21	2	5	ND	9	2	1	2	2	10	.05	.042	11	7	.07	139	.01	2	.45	.01	.26	1	1
IH-01	52	16881	99	11047	119.8	4	17	858	15.32	47	5	ND	1	8	94	2	18	51	.41	.012	5	5	.53	17	.06	2	.94	.02	.32	6	860
IH-02	24	7338	209	96	21.5	2	1	224	11.21	17	5	ND	1	2	1	2	35	41	.03	.004	12	6	.14	38	.02	2	.22	.01	.08	83	720
IH-03	2	305	25	177	7.9	4	15	2761	8.70	66	14	ND	4	1	1	2	29	6	8.99	.006	3	4	.02	4	.01	2	.27	.01	.01	65	2
IH-04	18	1448	87	160	5.1	4	23	854	19.41	456	5	ND	1	3	2	2	18	38	.07	.016	4	5	.80	15	.02	2	1.13	.01	.13	82	1310
IH-05	7	1377	14	53	3.9	8	6	533	9.45	78	5	ND	3	3	1	2	5	20	.07	.027	5	7	.66	51	.04	2	1.14	.01	.60	20	160
IH-06	5	103	20	114	.3	6	20	1030	9.78	23	5	ND	1	7	1	2	2	92	.27	.092	4	9	1.72	62	.27	2	3.26	.03	2.35	1	29
IHS-02	56	90	179	1269	2.6	5	15	4925	15.61	284	7	ND	2	49	7	2	5	50	2.66	.026	8	5	1.22	30	.03	2	2.88	.01	.03	3	6
IHS-03	18	80	278	306	2.6	6	11	1885	7.63	91	5	ND	3	8	1	2	2	47	.18	.042	4	9	.43	31	.08	2	.88	.01	.18	1	4
IHS-05	27	193	149	2533	2.9	19	16	2510	5.91	24	5	ND	1	16	14	2	2	27	2.00	.041	3	22	.39	67	.03	2	.65	.01	.15	1	1
STD C/AU-R	20	56	36	127	6.8	64	29	987	3.94	36	20	7	33	47	17	17	18	61	.48	.102	35	57	.88	176	.08	36	1.73	.06	.13	12	510

— Assay required for correct result —

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
IHS-06	36	196	678	10341	9.7	10	24	3125	6.87	35	5	ND	5	34	77	2	16	35	4.36	.038	5	11	.22	25	.05	2	.49	.01	.05	1	16
INS	3	44	230	597	10.3	13	10	1280	3.86	12	5	ND	2	54	4	3	2	44	1.56	.092	14	14	.72	558	.03	4	.92	.01	.17	1	1
INS-1	5	256	433	539	89.8	9	16	1182	5.14	25	5	ND	2	49	3	13	2	32	2.54	.065	3	11	.10	30	.02	4	.25	.01	.10	1	5
INS-2	4	242	430	370	119.7	6	12	3812	3.16	34	5	ND	3	149	3	9	2	5	11.69	.013	2	8	.03	11	.01	2	.06	.01	.03	1	14
IPA-08 GM	21	82	57	346	1.2	11	6	483	3.35	7	5	ND	8	6	1	2	6	32	.33	.067	9	17	.46	58	.12	2	.86	.02	.10	1	265
IRAC-01	8	65	1329	1397	3.6	12	12	2085	8.36	276	5	ND	2	12	13	3	2	51	.20	.034	2	11	.35	27	.06	4	.71	.01	.14	1	8
IRAC-02	23	63	1040	95	26.9	7	17	149	19.15	2325	5	ND	1	2	1	115	13	6	.03	.001	2	3	.02	2	.01	4	.01	.01	.02	2	180
IRAC-03	39	90	2961	7492	5.7	4	7	13983	3.50	44	5	ND	6	227	65	4	3	23	7.73	.026	4	7	.47	57	.02	2	.96	.01	.04	1	35
IRAC-04	6	43	290	1036	1.0	4	5	13274	3.39	31	6	ND	6	212	7	2	2	17	7.47	.029	5	8	.48	33	.02	2	.89	.01	.05	1	5
IRAC-05	14	53	2883	7343	5.2	4	3	15969	2.54	59	5	ND	5	384	55	2	9	14	16.15	.018	6	6	.39	33	.01	5	.71	.01	.04	1	10
IRAC-06	7	31	134	1802	1.2	7	4	6785	2.48	12	5	ND	6	53	14	2	2	17	8.82	.031	9	8	.33	55	.01	3	.68	.01	.05	1	3
IRAD-1	3	80	72	353	1.8	11	28	2221	6.17	18	5	ND	2	42	1	2	2	56	3.92	.099	6	10	1.58	35	.08	2	1.74	.01	.14	1	49
IRAD-2	65	6318	1221	99999	31.7	4	14	619	4.16	24	5	5	1	2	1811	2	14	4	.01	.001	3	4	.07	16	.01	3	.17	.01	.04	2	6990
IRAD-3	62	12589	1096	99999	47.9	9	12	876	3.57	15	5	ND	1	2	1465	2	7	9	.04	.001	2	11	.27	21	.01	4	.46	.01	.06	2	1480
IRAD-4	27	79	1001	2364	6.3	7	10	5678	3.35	16206	5	ND	5	294	19	30	2	5	13.60	.018	3	8	.23	60	.01	2	.07	.01	.04	1	160
IRAD-5	13	96	379	1475	2.1	7	14	6077	2.82	5683	5	ND	6	234	10	10	2	7	10.92	.037	5	8	.20	31	.01	2	.19	.01	.06	1	47
IRAD-6	2	59	43	232	.6	9	23	1179	6.87	24	5	ND	1	20	1	2	2	66	1.35	.124	6	7	2.11	23	.09	2	2.01	.02	.16	1	8
IRAD-7	8	138	2388	2045	28.9	6	18	2369	8.73	5	5	ND	2	8	9	2	54	36	.08	.064	2	6	.53	46	.01	3	1.14	.01	.13	1	19
IRAD-8	39	324	19217	77113	265.2	5	27	926	5.31	124	5	5	2	5	759	75	7	18	.03	.020	2	6	.23	12	.01	3	.56	.01	.08	2	5960
IRAD-9	36	280	21174	65498	74.9	7	23	1923	4.93	75	5	3	2	17	624	12	2	21	.68	.064	3	8	.23	23	.07	2	.65	.01	.12	4	3990
IRAD-10	4	30	777	3022	7.0	10	9	3447	3.24	34	5	ND	2	29	23	2	2	22	2.44	.096	8	10	.24	46	.09	2	.56	.01	.13	1	65
IAU-OD FA	19	1498	19992	23483	320.1	8	13	659	6.19	34	5	ND	1	31	260	8	180	40	2.09	.007	5	11	.05	13	.01	2	.10	.01	.01	4	360
ICVB-01 FA	74	291	3057	1853	34.2	6	25	422	11.24	174	5	ND	1	10	13	22	13	49	.05	.081	2	9	.06	9	.03	2	.17	.01	.10	9	131
I14-A5 FA	5	2150	459	2119	87.6	9	12	816	15.65	98	5	ND	1	18	11	7	284	100	.21	.004	2	8	.20	8	.01	4	.43	.01	.02	116	1420
I SOUTH C	22	2248	36	8622	13.8	9	38	557	10.96	105	5	ND	1	8	44	9	7	7	1.00	.001	2	9	.09	15	.01	2	.23	.01	.01	17	330
I SOUTH 02 GM	3	38	492	956	.5	7	4	301	1.35	4	5	ND	1	3	7	2	2	4	.07	.024	2	11	.09	23	.01	2	.14	.01	.01	1	10
I SOUTH 03 GM	126	10002	24	234	40.1	5	13	1178	8.50	15	5	ND	4	4	1	2	7	21	.07	.023	2	8	.75	25	.02	2	1.78	.01	.10	1	2620
I SOUTH 04 GM	24	157	1040	1530	1.2	10	17	751	6.13	11	5	ND	6	3	11	2	2	20	.09	.043	2	14	.49	50	.02	2	1.33	.01	.13	1	26
IRS-04	26	77	1422	3874	3.9	6	12	4526	6.59	48	5	ND	4	57	27	2	3	10	11.14	.014	5	9	.06	15	.01	2	.25	.01	.01	4	18
T10 BGE GM	7	489	7801	2167	115.8	1	29	36914	7.19	96	5	ND	1	5	72	34	2	59	.03	.008	2	3	.03	378	.01	3	1.32	.01	.01	12	110
T10 BGW GM	9	510	8802	1056	402.3	2	23	28053	11.98	397	5	ND	1	6	31	79	5	197	.04	.061	31	11	.18	348	.03	3	1.99	.01	.03	3	54
T10 GAE FA	6	309	3240	2500	77.2	9	22	1425	6.34	53	5	ND	1	268	12	57	5	76	.38	.050	2	12	.19	3810	.08	3	1.64	.02	.50	49	12
TR-10-41	13	293	12629	7078	389.5	4	16	309	8.85	152	5	ND	1	23	39	140	4	27	.19	.001	2	8	.02	2	.01	4	.05	.01	.01	44	15
13A-1	3	1118	160	1582	7.8	6	20	2103	9.68	16	5	ND	1	18	7	2	12	62	.45	.094	8	6	1.26	307	.09	3	2.14	.01	.18	2	150
13A-2	3	2528	156	457	8.2	9	21	2060	9.55	22	5	2	1	26	1	2	32	52	.61	.071	2	10	1.15	32	.07	2	2.11	.01	.11	3	148
13A-3	2	32	79	139	2.0	7	7	521	2.61	2	5	ND	8	39	1	2	2	19	1.82	.073	8	15	.52	244	.04	2	.66	.02	.09	1	6
STD C/AU-S	21	59	40	135	7.1	68	29	1017	3.95	42	20	8	34	48	17	17	21	63	.48	.106	36	60	.88	179	.08	34	1.73	.06	.14	13	53

—— Assay required for correct result ——

SHANGRI-LA MINERALS PROJECT- INDEPENDENCE FILE # 89-1067 PAGE 2

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
14A-5W	1	2456	681	544	139.4	11	6	1533	12.43	8	5	ND	1	41	3	2	793	80	.96	.004	2	11	.33	29	.01	10	.69	.05	.03	64	5100
14A-4W FA	6	1856	255	355	50.5	9	5	1419	15.50	15	5	5	1	27	2	11	214	105	.72	.011	15	13	.26	78	.02	14	.59	.05	.02	130	5650
14A-3W FA	4	1150	1012	1557	50.4	11	6	1782	15.24	14	5	ND	2	13	8	4	116	121	.24	.014	3	11	.28	148	.02	9	.79	.04	.03	154	1920
14A-2W FA	10	2521	1868	7279	98.3	8	5	2453	10.38	42	5	4	1	10	52	2	165	75	.08	.016	2	11	.22	45	.02	6	.47	.02	.03	76	5400
14A-1W FA	3	2908	1089	1495	85.9	7	7	1661	10.72	21	5	2	1	14	6	2	129	70	.10	.023	2	8	.40	43	.04	6	.73	.03	.02	58	1580
14A-1E FA	6	6411	991	4376	118.6	12	11	1588	15.68	6	8	ND	2	22	18	2	137	106	.11	.022	2	13	.41	36	.04	2	.77	.04	.06	63	1950
14A-6E	3	381	93	379	2.7	18	17	2052	8.92	16	5	ND	2	10	1	2	2	83	.22	.069	4	25	1.27	76	.07	11	2.13	.04	.08	2	61
14A-2L	13	3445	1770	14752	128.4	6	5	873	17.27	64	8	ND	3	13	116	22	273	127	.20	.006	5	2	.10	17	.01	4	.20	.04	.02	78	3140
415-51E	11	408	4545	13803	115.1	4	3	1208	10.20	217	5	ND	1	21	147	44	3	49	1.66	.008	5	4	.03	10	.01	12	.09	.05	.01	1	66
STD C/AU-S	21	59	38	133	7.2	70	28	1018	3.98	38	16	7	36	49	18	17	18	68	.48	.105	34	59	.88	183	.09	35	1.72	.09	.15	12	52

— Assay required for correct result —

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE: 251-1011

DATE RECEIVED: OCT 16 1986

DATE REPORT MAILED: Oct 27/86

ASSAY CERTIFICATE

SAMPLE TYPE: PULP AU** AND AG** BY FIRE ASSAY

ASSAYER: D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERAL -INDEPENDENCE FILE#86-3067 R PAGE 1

SAMPLE#	Pb %	Zn %	Ag** OZ/T	Au** OZ/T
1AU-01W FA	-	-	2.20	.054
1AU-02E	-	-	-	.079
1AU-40MS FA	-	-	5.01	-
1AU-50 FA	-	2.66	-	-
1AU-135 FA	-	-	1.60	-
1AU-DJ FA	2.18	4.58	11.99	-
IH-01	-	-	3.93	-
1NS-1	-	-	2.74	-
1RAD-2	-	28.31	-	.165
1RAD-3	-	24.80	-	-
1RAD-8	33.06	8.94	10.88	.227
1RAD-9	6.76	7.72	2.40	.112
1AU-0D FA	5.46	2.97	8.71	-
114-A5 FA	-	-	2.87	-
I SOUTH 03 GM	-	-	-	.229
T10 BGE GM	-	-	3.67	-
T10 BGW GM	-	-	17.67	-
T10 GAE FA	-	-	2.45	-
TR-10-41	1.47	-	20.77	-
14A-5W	-	-	4.30	.141
14A-4W FA	-	-	1.57	.156
14A-3W FA	-	-	1.76	.052
14A-2W FA	-	-	2.87	.135
14A-1W FA	-	-	2.84	.050
14A-1E FA	-	-	3.89	.058
14A-2L	-	-	4.29	.080
415-51E	-	-	3.85	-

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED OCT 16 1986

DATE REPORTS MAILED Oct 20/86

ASSAY CERTIFICATE

SAMPLE TYPE : PULP
Ag** BY FIRE ASSAY

ASSAYER _____ DEAN TOYE . CERTIFIED B.C. ASSAYER

SHANGRI-LA MINERALS PROJECT INDEPENDENCE FILE# 86-3064 R

SAMPLE	Zn %	Ag** oz/t
TRI-01	-	3.14
TRI-02	-	3.31
TRI-03	-	14.44
IAU-54	9.72	3.18
IAU-68	3.89	-
IAU-80A	2.39	-
200FT.	-	3.89
N.154	-	3.40
N.155	-	9.20
N.160	-	3.51
N.161	-	7.16
40S 51E	-	4.00
55E 3N	-	4.48
55E 7N	-	3.47
55E 4N	-	9.36

ACME ANALYTICAL LABORATORIES LTD.
852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE: 251-1011

DATE RECEIVED: NOV 10 1986

DATE REPORT MAILED: Nov. 19/86

ASSAY CERTIFICATE

SAMPLE TYPE: ROCK CHIPS AU** AND AG** BY FIRE ASSAY

ASSAYER: D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT-INDEPENDENCE FILE# 86-Ja15 PAGE 1

SAMPLE#	Pb %	Zn %	Ag** OZ/T	Au** OZ/T
IA-4	.18	.38	1.26	.001
55E 5.6N	.06	.07	1.25	.001

NEWCANA JOINT VENTURE ASSASY LAB.
Stewart, B.C.

FIRE ASSAY CERTIFICATE for Shangri-La Minerals Limited

INDEPENDENCE PROJECT

SAMPLE #	Au Oz/Ton	Ag Oz/Ton
TR10-1	0.004	2.909
TR10-2	0.031	2.838
TR10-3	0.014	12.980
55E-3N	0.006	4.190
55E-2N	0.016	0.316
N-153	0.005	1.225
N-154	0.003	1.225
N-155	0.003	8.516
N-160	0.003	3.124
N-161	0.003	6.727
N-173	0.003	0.010
55E-4N	0.015	8.445
55E-7N	0.009	3.173
1AV68	0.009	0.804
1AV80	0.020	1.066
1AV80A	0.026	0.694
1AV80B	0.003	0.154
1AV80W	0.003	0.075
1AV54	0.018	2.861
40S-51E	0.003	3.545

Robert MacDonald

ASSAYER: Robert MacDonald

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 7 PPM.
- SAMPLE TYPE: SILT -80MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: NOV 7 1986 DATE REPORT MAILED: Nov 14/86 ASSAYER: A. Dayer. DEAN TOYE, CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS FILE # 86-3595 PAGE 1

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
INS-01	35	146	865	2318	5.0	6	24	6808	8.45	125	6	ND	4	15	18	5	4	55	.28	.114	14	5	1.14	158	.10	4	1.90	.05	.16	1	91
INS-10	22	75	244	1256	1.6	9	17	1960	5.35	38	5	ND	3	45	7	3	4	72	.77	.096	6	11	1.00	148	.12	7	1.80	.07	.28	5	24
INS-11	4	122	59	342	1.1	6	16	966	5.14	51	8	ND	5	29	3	3	4	70	.56	.098	8	9	1.01	87	.10	7	1.38	.05	.17	6	410
INS-12	3	51	131	416	1.4	5	11	1099	4.06	13	5	ND	4	21	3	3	3	44	.40	.100	11	5	.85	92	.04	6	1.06	.03	.11	1	5
INS-13	4	61	201	581	4.3	4	12	1675	4.63	19	5	ND	4	28	4	4	2	61	.46	.103	12	6	.80	224	.06	7	1.11	.05	.14	1	210
ISILT-01	4	44	46	873	1.4	18	10	2067	3.41	18	7	ND	3	50	7	2	3	48	1.22	.082	14	19	.62	213	.04	6	2.36	.04	.10	1	2
ISILT-02	5	89	39	846	1.6	19	12	1949	3.64	21	5	ND	3	38	7	3	2	59	.77	.093	15	23	.82	199	.06	4	1.93	.05	.10	1	7
ISILT-03	5	109	37	765	1.8	17	10	1820	3.58	16	5	ND	3	34	5	3	2	55	.69	.090	16	22	.81	178	.06	7	1.87	.04	.12	1	23
IST-01	3	30	31	145	.5	5	10	689	3.43	73	5	ND	5	55	1	2	2	52	.71	.095	13	8	.89	252	.12	5	1.16	.04	.11	1	1
IST-02	3	154	130	443	3.1	6	11	1781	4.20	11	5	ND	4	35	2	3	5	49	.51	.071	11	8	.85	562	.07	6	1.40	.04	.13	1	12
IST-04	3	215	146	601	4.1	8	12	1391	4.38	17	5	ND	4	41	3	2	6	50	.56	.091	15	12	.95	531	.07	6	1.37	.04	.13	1	58
IST-05	2	27	39	142	.6	8	8	579	2.99	6	5	ND	8	26	1	4	3	38	.39	.080	16	12	.70	105	.07	4	1.01	.04	.09	1	210
MR-4	3	42	58	294	1.2	8	9	1515	3.49	13	5	ND	6	28	1	7	7	54	.58	.095	14	14	.88	94	.10	6	1.33	.05	.19	1	1
STD C/AU-S	22	57	38	129	6.8	67	27	984	3.94	38	17	7	34	47	17	17	21	63	.48	.098	33	54	.88	176	.08	34	1.72	.09	.13	14	52

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 6 1986 DATE REPORT MAILED: Oct 14/86 ASSAYER. D. Toye ...DEAN TOYE. CERTIFIED B.C. ASSAYER.

SHANGRI-LA MINERALS PROJECT - INDEPENDENCE FILE # 86-3065

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
5+00N 1+50W	2	13	28	93	.6	7	6	496	3.90	10	5	ND	1	20	1	3	2	50	.10	.076	9	8	.40	63	.10	3	1.73	.01	.09	1	1
5+00N 1+25W	1	11	29	60	2.0	4	6	378	5.93	14	5	ND	1	17	1	4	2	85	.09	.116	3	10	.28	64	.09	6	2.09	.01	.07	1	2
5+00N 1+00W	2	12	24	62	.7	10	8	2017	5.00	7	5	ND	1	50	1	2	2	51	.14	.225	11	25	.36	68	.09	2	3.12	.01	.06	1	6
5+00N 0+75W	3	15	48	86	.5	6	7	434	4.91	14	5	ND	1	25	1	3	2	56	.12	.100	6	15	.43	52	.11	4	1.83	.02	.10	1	7
5+00N 0+50W	2	17	30	60	.6	7	7	197	6.89	18	5	ND	2	14	1	4	3	91	.09	.086	2	28	.23	77	.07	2	2.57	.01	.06	1	1
5+00N 0+25W	2	19	37	83	.9	3	6	340	3.38	16	5	ND	1	23	1	2	2	56	.18	.081	9	9	.47	66	.07	5	1.68	.01	.09	1	3
5+00N 0+00W	6	12	24	74	.9	10	6	836	4.54	11	5	ND	1	12	1	4	3	53	.09	.074	10	18	.32	62	.08	6	2.04	.01	.08	1	6
5+00N 0+25E	2	13	18	51	1.1	14	6	335	3.12	10	5	ND	1	17	1	2	2	54	.10	.078	6	20	.32	72	.05	4	1.23	.01	.10	1	7
5+00N 0+50E	2	13	25	61	.6	3	5	253	3.55	7	5	ND	1	18	1	2	3	52	.09	.073	7	9	.20	80	.03	3	2.14	.01	.07	1	1
5+00N 0+75E	2	14	21	59	1.7	4	6	203	6.23	13	5	ND	1	12	1	6	2	61	.07	.068	6	16	.19	53	.11	5	3.23	.01	.05	1	4
5+00N 1+00E	2	16	44	83	3.2	5	6	384	5.51	15	5	ND	1	19	1	3	2	66	.12	.059	9	12	.34	94	.14	5	2.28	.01	.07	1	7
4+00N 2+50W	2	24	19	89	.3	53	15	1272	3.54	10	5	ND	2	89	1	2	2	47	.62	.092	9	45	2.46	154	.19	5	2.04	.01	.22	1	4
2+00N 5+00W	1	34	30	115	.4	8	11	1286	2.92	7	5	ND	2	61	1	2	2	45	.46	.075	12	15	1.01	130	.11	3	1.75	.01	.12	1	9
2+00N 4+75W	1	18	28	100	.4	10	11	969	3.37	4	5	ND	1	60	1	2	3	53	.35	.068	9	19	.97	102	.11	6	1.89	.02	.12	1	6
2+00N 4+50W	1	24	40	126	.9	8	10	761	3.73	19	6	ND	1	25	1	2	2	45	.16	.063	9	9	.62	88	.07	4	1.76	.01	.10	1	2
2+00N 4+25W	1	36	40	146	.9	9	13	945	3.55	19	6	ND	2	26	1	2	4	45	.24	.064	14	8	.66	155	.09	3	2.37	.01	.10	1	5
2+00N 4+00W	2	13	31	83	.7	5	8	962	4.20	17	6	ND	1	21	1	4	2	45	.13	.064	20	13	.39	53	.11	2	3.03	.01	.06	1	2
2+00N 3+75W	1	12	15	70	.5	3	6	565	3.02	7	5	ND	1	30	1	2	2	48	.16	.148	8	12	.35	53	.07	2	2.58	.01	.08	1	3
2+00N 3+50W	1	22	27	124	.5	6	9	578	3.78	16	5	ND	1	31	1	2	2	51	.16	.043	11	9	.56	112	.10	4	2.48	.01	.10	1	2
2+00N 3+25W	1	11	21	59	.3	2	5	293	2.72	9	5	ND	1	52	1	4	3	46	.22	.114	7	13	.27	103	.09	2	3.21	.01	.06	1	3
2+00N 3+00W	1	17	26	139	.8	17	11	782	4.23	4	5	ND	1	58	1	2	2	75	.36	.104	10	32	1.10	83	.18	2	2.04	.02	.08	1	1
2+00N 2+75W	1	86	36	78	.8	12	10	408	4.19	6	5	ND	1	37	1	2	2	74	.37	.092	7	24	.70	103	.11	3	3.20	.01	.11	1	1
2+00N 2+50W	1	22	29	95	.5	5	10	1144	3.11	9	5	ND	1	47	1	3	2	52	.30	.056	12	14	.58	82	.09	2	3.10	.01	.09	1	1
2+00N 2+25W	2	11	31	63	.4	6	7	438	5.05	9	5	ND	2	28	1	3	2	76	.14	.037	8	13	.41	42	.20	6	1.62	.01	.08	1	4
2+00N 2+00W	1	14	20	69	.3	6	7	586	3.77	10	5	ND	1	32	1	3	2	59	.14	.045	11	13	.41	79	.11	2	2.74	.01	.06	1	1
2+00N 1+75W	2	16	27	82	1.1	3	7	560	4.20	10	5	ND	1	27	1	2	2	51	.21	.130	9	14	.45	61	.08	4	2.79	.01	.06	1	5
2+00N 1+50W	2	27	46	129	.8	9	11	1065	4.02	23	5	ND	2	31	1	2	2	54	.26	.096	16	11	.66	83	.12	3	2.02	.01	.10	1	12
2+00N 1+25W	1	23	38	105	.8	8	9	612	3.53	14	5	ND	1	32	1	2	2	53	.24	.075	13	12	.71	101	.11	2	2.19	.01	.10	1	6
2+00N 1+00W	1	15	26	70	.7	5	7	410	4.57	7	6	ND	1	19	1	3	2	45	.11	.072	12	14	.37	62	.09	3	4.04	.01	.05	1	2
2+00N 0+75W	2	8	25	41	1.6	5	4	170	2.73	4	5	ND	1	18	1	2	2	39	.07	.070	9	9	.19	43	.06	2	1.66	.01	.06	1	3
2+00N 0+50W	2	10	25	66	.7	5	5	245	5.20	11	5	ND	1	16	1	3	2	47	.07	.071	16	15	.27	38	.11	2	3.34	.01	.04	1	2
2+00N 0+25W	2	6	24	39	.4	3	3	312	2.14	4	5	ND	1	21	1	2	2	35	.09	.079	10	7	.10	59	.06	2	1.79	.01	.08	1	1
2+00N 0+00W	2	9	21	39	1.4	2	2	182	1.12	5	5	ND	1	7	1	2	2	28	.02	.048	15	4	.06	79	.03	2	.98	.01	.17	1	1
1+00N 4+50W	1	15	23	84	.3	5	9	606	2.92	3	5	ND	1	64	1	2	2	50	.21	.053	12	15	.85	82	.10	2	2.00	.01	.11	1	1
1+00N 4+00W (A)	1	41	33	197	.5	9	11	889	3.29	7	5	ND	4	54	1	2	2	57	.55	.098	15	14	.89	218	.18	2	2.07	.01	.13	1	1
1+00N 4+00W (B)	1	37	28	117	.3	10	13	909	3.15	3	5	ND	1	71	1	2	2	52	.43	.054	15	21	1.09	113	.13	2	2.56	.01	.12	1	1
STD C/AU-S	20	58	39	132	7.0	67	28	973	3.95	39	21	7	32	47	16	15	21	60	.48	.100	36	57	.88	175	.08	37	1.73	.06	.13	12	49

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
1+00N 3+75W	1	10	25	74	.7	3	6	1045	3.60	6	5	ND	1	26	1	2	2	37	.10	.086	11	8	.27	82	.05	4	2.35	.01	.10	1	2
1+00N 3+50W	1	15	37	76	.3	8	7	605	5.05	13	5	ND	1	19	1	2	2	49	.11	.052	10	10	.42	57	.10	5	2.36	.01	.06	1	1
1+00N 3+25W	1	24	39	140	.5	16	11	846	3.42	20	5	ND	2	25	1	2	2	41	.31	.086	12	12	.67	78	.10	4	1.71	.01	.08	1	1
1+00N 3+00W	1	9	42	85	.4	2	7	1232	2.89	9	5	ND	1	15	1	2	2	21	.07	.069	15	6	.31	82	.03	3	1.50	.01	.12	1	4
1+00N 2+75W	1	18	34	90	.4	8	8	459	3.82	15	5	ND	1	37	1	2	2	58	.23	.050	11	15	.72	62	.16	4	1.96	.01	.08	1	1
1+00N 2+50W	3	13	35	81	.2	6	10	1719	3.89	9	5	ND	1	25	1	2	2	53	.12	.061	12	14	.31	91	.11	5	2.89	.01	.07	1	1
1+00N 2+25W	1	19	39	100	.4	7	7	525	3.49	19	5	ND	1	32	1	2	2	57	.22	.073	12	12	.63	62	.12	3	2.36	.01	.06	1	1
1+00N 2+00W	1	13	30	87	.4	6	8	680	3.85	17	5	ND	1	23	1	2	2	43	.15	.075	13	11	.42	77	.10	5	2.98	.01	.05	1	1
1+00N 1+75W	2	17	26	75	.3	4	5	301	3.00	14	5	ND	1	17	1	2	3	45	.13	.074	15	11	.36	61	.09	4	3.00	.01	.05	1	1
1+00N 1+50W	1	14	42	94	1.0	6	9	844	4.54	20	5	ND	1	22	1	2	4	56	.13	.052	12	11	.51	57	.13	5	2.19	.01	.07	1	1
1+00N 1+25W	1	22	33	111	.3	8	9	681	3.94	14	5	ND	3	28	1	2	2	48	.27	.065	16	12	.68	93	.14	5	2.97	.01	.09	1	1
1+00N 1+00W	1	28	38	106	.6	8	11	955	3.63	21	5	ND	3	25	1	2	2	44	.32	.087	14	9	.56	72	.13	4	2.29	.01	.06	1	1
1+00N 0+75W	1	10	26	78	.6	3	5	257	2.71	12	5	ND	1	40	1	2	2	40	.22	.085	9	9	.52	40	.07	3	2.19	.01	.07	1	1
1+00N 0+50W	1	20	30	115	.8	7	9	753	3.54	20	5	ND	2	30	1	2	2	48	.30	.061	16	9	.62	93	.13	5	2.33	.01	.08	1	1
1+00N 0+25W	1	4	19	29	.5	1	2	105	1.44	7	5	ND	1	22	1	2	2	52	.14	.033	9	6	.08	56	.11	2	.78	.01	.06	1	5
1+00N 0+00W	2	18	44	81	1.0	4	7	853	5.18	16	5	ND	1	21	1	2	2	72	.16	.064	13	12	.29	84	.16	2	2.69	.01	.05	1	1
1+00N 0+25E	2	20	24	88	1.1	19	9	559	3.68	18	5	ND	1	12	1	3	2	43	.07	.081	9	28	.52	62	.04	4	3.22	.01	.05	1	1
1+00N 0+50E	3	51	126	524	22.8	19	19	2919	5.06	33	5	ND	1	17	1	2	2	50	.16	.095	13	22	.70	324	.05	5	3.16	.01	.13	1	3
0+00N 1+50W	2	9	21	53	1.5	7	5	283	6.01	10	5	ND	1	7	1	4	2	58	.06	.079	14	13	.29	144	.14	3	2.99	.01	.06	1	1
0+00N 1+25W	2	19	36	89	.7	7	6	351	2.55	12	5	ND	1	34	1	2	2	41	.27	.083	11	11	.51	74	.04	5	1.86	.01	.08	1	1
0+00N 1+00W	1	10	19	40	.3	8	3	142	3.19	11	5	ND	1	13	1	2	2	43	.07	.064	9	18	.17	38	.06	4	1.79	.01	.06	1	2
0+00N 0+75W (A)	1	14	117	65	4.4	6	4	288	3.07	14	5	ND	1	16	1	3	2	90	.09	.067	11	11	.21	329	.13	4	1.93	.01	.08	1	1
0+00N 0+75W (B)	2	29	37	102	.5	20	13	1141	4.25	23	5	ND	1	20	1	2	2	53	.23	.103	12	33	.66	83	.09	3	2.96	.01	.08	1	5
0+00N 0+50W	1	13	26	70	.4	5	6	331	4.48	15	5	ND	1	18	1	2	2	56	.10	.064	14	20	.38	42	.11	7	1.88	.01	.07	1	1
0+00N 0+25W (A)	1	18	36	89	.5	4	7	499	5.00	14	5	ND	1	20	1	2	2	53	.18	.058	15	13	.55	60	.11	6	2.81	.01	.05	1	1
0+00N 0+25W (B)	2	6	30	38	.7	4	3	194	1.86	6	5	ND	1	17	1	2	2	52	.10	.049	9	8	.16	52	.13	6	.90	.01	.07	1	4
0+00N 0+00W	1	12	25	53	.3	5	5	224	4.79	14	5	ND	1	13	1	3	2	63	.09	.058	11	14	.25	44	.12	3	2.80	.01	.04	1	1
0+00N 0+50E	11	447	1105	1152	31.9	3	31	7832	6.38	36	6	ND	1	48	11	2	5	64	1.20	.060	23	9	.39	1363	.10	4	2.98	.01	.06	1	179
0+00N 1+00E	3	100	75	560	2.7	15	11	920	4.56	11	5	ND	1	17	1	2	2	44	.09	.099	29	23	.73	267	.05	6	4.44	.02	.19	1	10
0+00N 1+25E	1	18	35	75	1.1	9	7	519	5.04	7	5	ND	1	11	1	2	2	82	.06	.036	9	17	.35	57	.12	2	1.78	.01	.05	1	1
4+00S 2+75W	2	9	28	56	1.5	6	5	480	4.45	11	5	ND	1	19	1	2	2	61	.11	.069	8	12	.22	54	.08	4	1.86	.01	.08	1	1
4+00S 2+50W	4	12	23	65	.7	6	6	351	3.76	15	5	ND	1	15	1	2	3	78	.08	.060	12	13	.32	114	.06	3	1.56	.01	.15	1	1
4+00S 2+25W	3	19	59	99	.5	7	7	480	5.24	17	5	ND	2	15	1	2	3	74	.07	.055	12	14	.38	179	.06	5	2.37	.01	.15	1	4
4+00S 1+75W	2	28	55	199	1.8	8	9	1112	3.90	8	5	ND	1	28	1	2	3	47	.16	.127	14	15	.58	107	.07	4	3.45	.01	.10	1	1
4+00S 1+50W	2	12	32	57	1.2	7	6	924	4.21	9	5	ND	1	17	1	3	2	74	.10	.070	12	11	.19	79	.09	5	1.98	.01	.07	1	18
4+00S 1+25W	1	15	34	62	.9	5	5	276	4.91	10	5	ND	1	18	1	2	2	72	.09	.048	14	9	.21	85	.11	4	1.73	.01	.07	1	1
STD C/AU-S	20	59	40	132	6.9	67	29	965	3.93	40	19	7	32	45	17	15	22	59	.48	.101	36	56	.88	172	.08	36	1.73	.06	.12	13	49

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
4+00S 1+00W	2	9	45	51	.5	3	5	305	5.01	14	5	ND	1	17	1	3	2	83	.09	.046	9	9	.15	46	.14	3	1.49	.01	.07	1	1
4+00S 0+75W	4	23	36	97	1.7	8	9	1748	3.94	18	5	ND	1	10	1	2	2	46	.07	.135	17	18	.34	58	.02	5	2.99	.02	.07	1	1
4+00S 0+50W	3	16	56	85	2.8	6	7	650	3.60	11	5	ND	1	12	1	2	2	54	.08	.097	8	11	.32	51	.04	4	1.73	.01	.08	1	10
4+00S 0+25W	2	17	51	109	2.0	5	7	494	5.07	15	6	ND	1	21	1	3	2	71	.12	.057	10	9	.38	86	.09	5	1.75	.01	.10	1	21
4+00S 0+00W	2	14	30	47	3.5	6	6	269	5.56	9	5	ND	1	12	1	2	2	111	.07	.033	7	21	.14	54	.10	7	2.10	.01	.06	1	7
4+00S 0+25E	1	13	30	46	1.5	1	6	202	5.02	19	5	ND	2	17	1	2	2	93	.10	.041	8	9	.14	67	.14	4	1.40	.01	.07	1	8
4+00S 0+50E	1	14	50	66	.4	5	8	466	8.89	21	5	ND	4	16	1	2	2	154	.11	.074	12	14	.36	71	.29	6	2.64	.01	.06	1	1
4+00S 0+75E	1	10	54	27	.3	3	3	198	2.75	14	5	ND	1	19	1	2	2	93	.10	.030	10	8	.08	67	.25	3	1.08	.01	.06	1	1
4+00S 1+00E	2	11	25	41	.5	15	6	524	3.18	8	5	ND	1	13	1	2	2	115	.06	.023	9	28	.23	51	.13	5	1.33	.01	.07	1	1
4+00S 1+25E	1	6	28	28	.5	3	3	307	2.03	5	5	ND	1	20	1	2	2	51	.11	.020	12	9	.16	61	.13	4	.81	.01	.08	1	1
4+00S 1+50E	5	109	70	126	2.7	3	12	959	6.61	21	5	ND	2	15	1	2	2	88	.11	.039	10	12	.35	123	.12	4	1.56	.01	.11	1	265
5+00S 2+75W	1	30	38	71	.6	7	9	656	4.35	7	5	ND	1	36	1	2	2	59	.18	.065	16	13	.60	98	.11	3	2.04	.01	.13	1	1
5+00S 2+00W	1	31	31	116	1.7	15	10	1229	3.91	11	5	ND	1	16	1	2	2	65	.10	.060	10	26	.55	108	.04	6	2.57	.01	.08	1	4
5+00S 1+75W	4	26	75	151	1.3	11	22	2641	4.58	15	6	ND	1	17	1	2	2	60	.07	.090	13	21	.51	115	.04	3	2.71	.01	.14	1	2
5+00S 1+50W	3	22	233	148	.3	12	12	1259	3.81	14	5	ND	1	13	1	2	2	51	.08	.060	16	18	.25	79	.06	4	1.32	.01	.08	1	4
5+00S 1+25W	3	21	57	134	1.4	10	11	1491	5.61	11	5	ND	1	12	1	2	2	59	.07	.089	10	19	.36	62	.04	4	2.17	.01	.07	1	8
5+00S 1+00W	3	68	64	522	1.7	10	15	832	6.38	20	5	ND	1	11	1	2	2	72	.05	.069	14	36	.39	132	.03	8	3.42	.01	.12	1	11
5+00S 0+75W	3	12	39	46	.7	5	6	214	7.69	15	5	ND	2	12	1	2	2	122	.07	.020	10	22	.20	56	.19	3	1.86	.01	.07	1	2
5+00S 0+50W	3	36	65	350	.7	10	12	1030	4.65	26	7	ND	1	21	1	2	2	63	.14	.066	18	19	.49	185	.06	9	2.31	.01	.14	1	1
5+00S 0+25W	2	12	51	93	1.1	7	10	739	5.96	16	5	ND	1	21	1	2	2	81	.13	.056	12	15	.23	165	.12	2	1.94	.01	.07	1	1
5+00S 0+00W	4	27	31	223	1.3	5	5	989	5.66	45	9	ND	1	7	1	6	2	27	.11	.114	36	32	.12	168	.08	5	3.33	.04	.07	1	2
5+00S 0+25E	3	21	24	151	1.4	16	12	1122	5.17	14	5	ND	1	13	1	2	2	50	.11	.068	15	27	.61	109	.05	5	2.50	.01	.09	1	4
5+00S 0+50E	43	3	79	279	.1	34	143	99999	9.75	18	5	ND	1	27	7	2	2	83	.46	.122	18	17	.27	1055	.02	3	2.15	.01	.06	1	1
5+00S 1+00E	3	8	46	69	.4	8	5	184	3.17	10	5	ND	1	21	1	2	2	66	.12	.023	12	14	.45	56	.14	2	1.42	.01	.08	1	4
5+00S 1+75E	4	8	40	41	.2	4	4	187	4.15	13	5	ND	1	33	1	2	2	77	.49	.037	12	10	.15	119	.18	4	1.02	.01	.07	2	7
12+00S 2+25E	2	15	31	43	1.2	3	4	354	3.78	7	5	ND	4	10	1	2	2	59	.07	.048	9	8	.11	55	.11	5	1.48	.01	.06	1	4
12+00S 2+50E	2	20	42	67	3.0	3	6	294	5.72	7	5	ND	4	12	1	2	2	68	.08	.042	12	13	.24	60	.16	4	3.38	.01	.05	1	8
13+00S 0+50W	1	8	23	37	.9	2	3	186	3.18	8	5	ND	1	11	1	2	2	59	.06	.035	8	8	.08	30	.12	2	.84	.01	.07	1	9
13+00S 0+25W	2	14	31	45	.7	4	5	390	3.80	7	5	ND	1	13	1	2	2	94	.17	.029	11	9	.06	33	.19	3	.68	.01	.07	1	10
13+00S 0+00W	2	11	36	58	2.0	3	6	711	3.95	11	6	ND	1	19	1	2	2	62	.12	.041	11	9	.15	42	.14	4	1.08	.01	.07	1	2
13+00S 0+25E	1	13	44	90	1.4	6	5	499	4.81	13	5	ND	2	19	1	2	2	57	.12	.044	12	11	.36	61	.14	4	1.99	.01	.07	1	1
13+00S 0+50E	3	8	44	66	.5	2	6	597	6.67	13	5	ND	2	23	1	2	2	90	.23	.037	11	8	.18	105	.10	3	1.59	.01	.07	1	7
13+00S 0+75E	2	19	52	71	2.1	3	6	307	6.26	15	6	ND	7	10	1	4	2	93	.07	.034	6	14	.20	59	.15	3	3.26	.01	.07	1	7
13+00S 2+25E	2	55	51	53	1.6	1	8	152	4.29	5	8	ND	14	6	1	2	5	49	.05	.054	11	15	.11	42	.11	3	5.76	.01	.04	1	16
0+50S 1+00W	2	8	32	41	.2	3	6	284	5.93	17	5	ND	1	16	1	2	2	96	.09	.038	9	16	.19	51	.15	3	1.83	.01	.06	2	2
0+50S 0+75W	2	12	30	67	.8	7	5	387	4.45	16	5	ND	1	18	1	2	2	55	.09	.057	13	11	.28	44	.12	5	1.91	.01	.07	1	4
STD C/AU-S	20	58	38	128	6.7	67	29	985	3.94	42	20	7	33	47	17	15	19	61	.48	.100	36	57	.88	175	.08	38	1.73	.06	.13	13	49

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
0+50S 0+50W	2	14	25	51	.8	8	7	679	4.09	10	5	ND	1	11	1	2	2	58	.07	.092	5	16	.38	69	.08	5	1.74	.01	.10	1	1
0+50S 0+25W	1	20	40	127	1.4	5	10	919	4.05	18	5	ND	2	26	1	2	2	59	.20	.054	8	11	.69	69	.13	3	1.65	.01	.07	1	1
0+50S 0+00W	2	21	44	96	1.3	7	7	461	2.97	11	5	ND	1	24	1	2	2	47	.22	.097	9	10	.57	75	.07	2	1.52	.01	.08	2	1
0+50S 0+25E	1	12	43	41	1.0	3	4	243	4.68	11	5	ND	1	10	1	2	2	90	.06	.046	4	10	.12	72	.08	4	1.74	.01	.06	2	4
0+50S 0+50E	7	270	3838	478	86.1	3	15	6365	8.50	133	5	ND	1	8	2	78	5	44	.04	.087	5	7	.13	622	.05	4	1.35	.01	.05	10	10
0+50S 1+00E (A)	1	22	160	130	2.8	5	12	1844	8.36	10	5	ND	1	11	1	2	2	84	.07	.065	4	12	.44	82	.10	5	2.07	.01	.06	1	1
0+50S 1+00E (B)	1	8	31	39	.8	1	3	161	2.20	3	5	ND	1	12	1	2	3	53	.06	.043	5	5	.09	61	.08	2	.85	.01	.06	2	1
STD C/AU-S	21	57	39	130	6.8	66	29	999	3.96	39	20	7	33	47	17	15	21	61	.48	.103	33	57	.88	175	.08	35	1.73	.06	.13	13	50

Appendix D

Airborne System Specifications

SPECIFICATIONS: SABRE AIRBORNE VLF-EM SYSTEM

Antenna System: 2 separate omnidirectional arrays, housed in same bird as proton magnetometer detector.

Parameters measured: Horizontal field strength on 2 stations simultaneously (Seattle and Annapolis). Designed for use in steep terrain where dip angle information is confusing and often useless.

Type of Readout: 2 analog meters, one for each station, and 2 analog outputs at rear of console. These analog outputs, along with those of the proton magnetometer and a marker channel, are digitized by a CCC-Maron Remote Monitoring and Logging System (an 8 channel, 8 bit analog-to-digital converter custom manufactured by Maron Engineering Ltd., Burnaby B.C.) and stored in multiplex format on one channel of a conventional stereo cassette tape deck.

Receiver Console: 2 separate receiver channels, both housed in 30x10x25 cm case.

Operating Temperature Range:

Instrument Console: -10 deg. C to +50 deg. C
Antenna System: -10 deg. C to +50 deg. C

Power Source:

Receiver Console: 8 alkaline penlite cells
Instrument Console: 2 9V transistor batteries

Manufacturer: Sabre Electronic Instruments Ltd.
Burnaby, B.C.

SPECIFICATIONS: SABRE AIRBORNE MAGNETOMETER

Type: Proton Precession

Range: 20,000 to 75,000 gammas

Repetition Rate: Approximately once every 1.6 seconds

Output: Analog meter on instrument console, 0-100 mV analog output on rear of console. Full scale deflection can be 1000, 2500, 5000, or 10000 gammas, selected by operator. The analog output is digitized with the CCC-Maron Remote Monitoring and Logging System and stored on one channel of a conventional stereo cassette tape deck along with the VLF-EM data and the navigational marker channel.

Resolution: Resolution of instrument itself is better than 1 gamma, but recorded resolution is limited to about 4 gammas at 1000 gamma full scale deflection (1000 gammas resolved to 1 part in 255 with 8 bit analog-to-digital converter).

Detector: Kerosene-filled coil, 9 cm long by 8 cm diameter. Inductance 60 millihenries, resistance 7.5 ohms, weight 2.2 kg.

Operating Temperature:

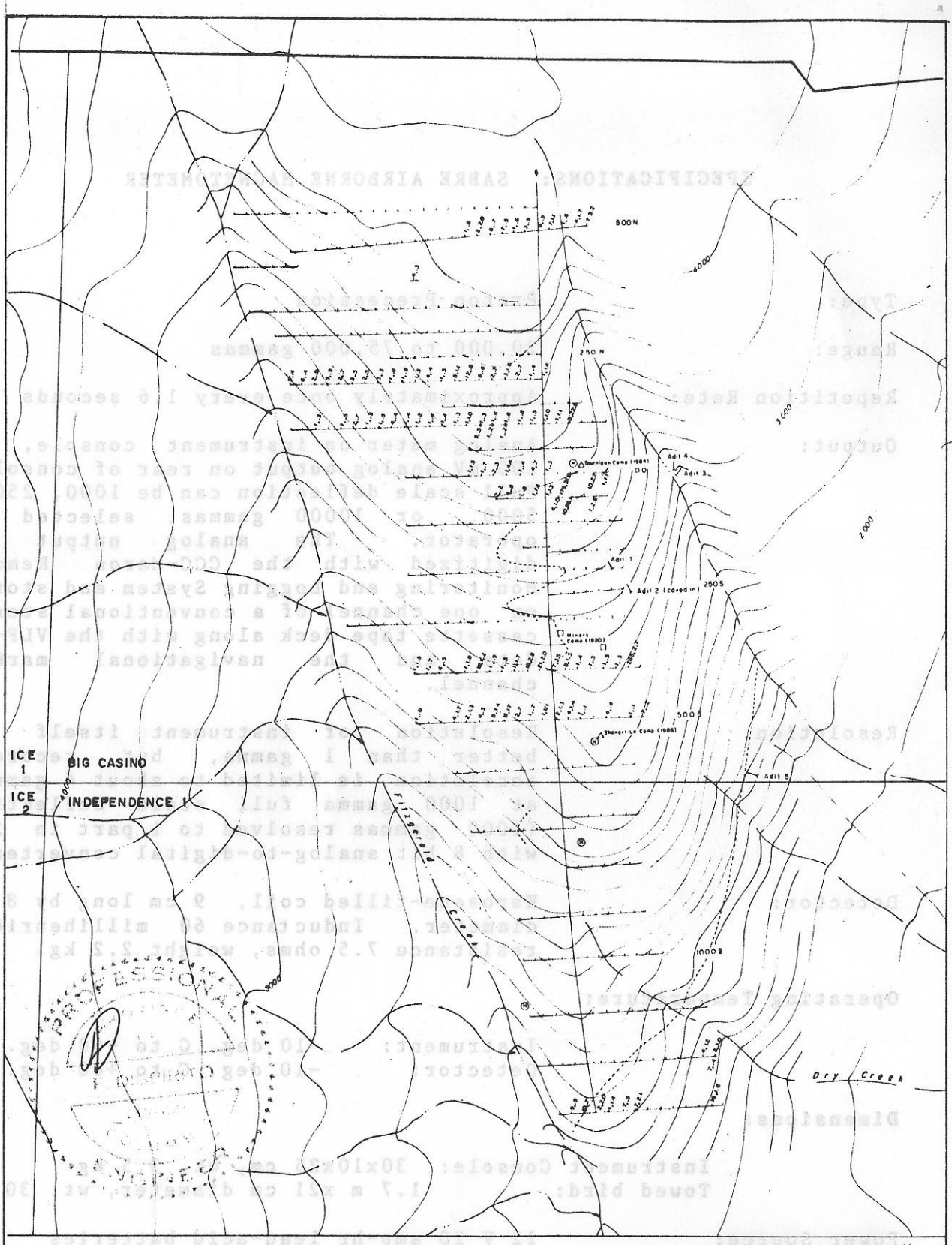
Instrument: -10 deg. C to +60 deg. C
Detector: -10 deg. C to +60 deg. C

Dimensions:

Instrument Console: 30x10x25 cm, wt. 3.5 kg
Towed bird: 1.7 m x21 cm diameter, wt. 30 kg

Power Source: 12 V 20 amp-hr lead-acid batteries

Manufacturer: Sabre Electronics Ltd.,
Burnaby, B.C.



To accompany report by F. Di Spirito, B.A.Sc., P.Eng

Rock sample – Au ppb, Ag ppm

Soil " " " "

0 100 200 400 Metres

INDEPENDENCE PROJECT

FOR: MOCHE RESOURCES INC.

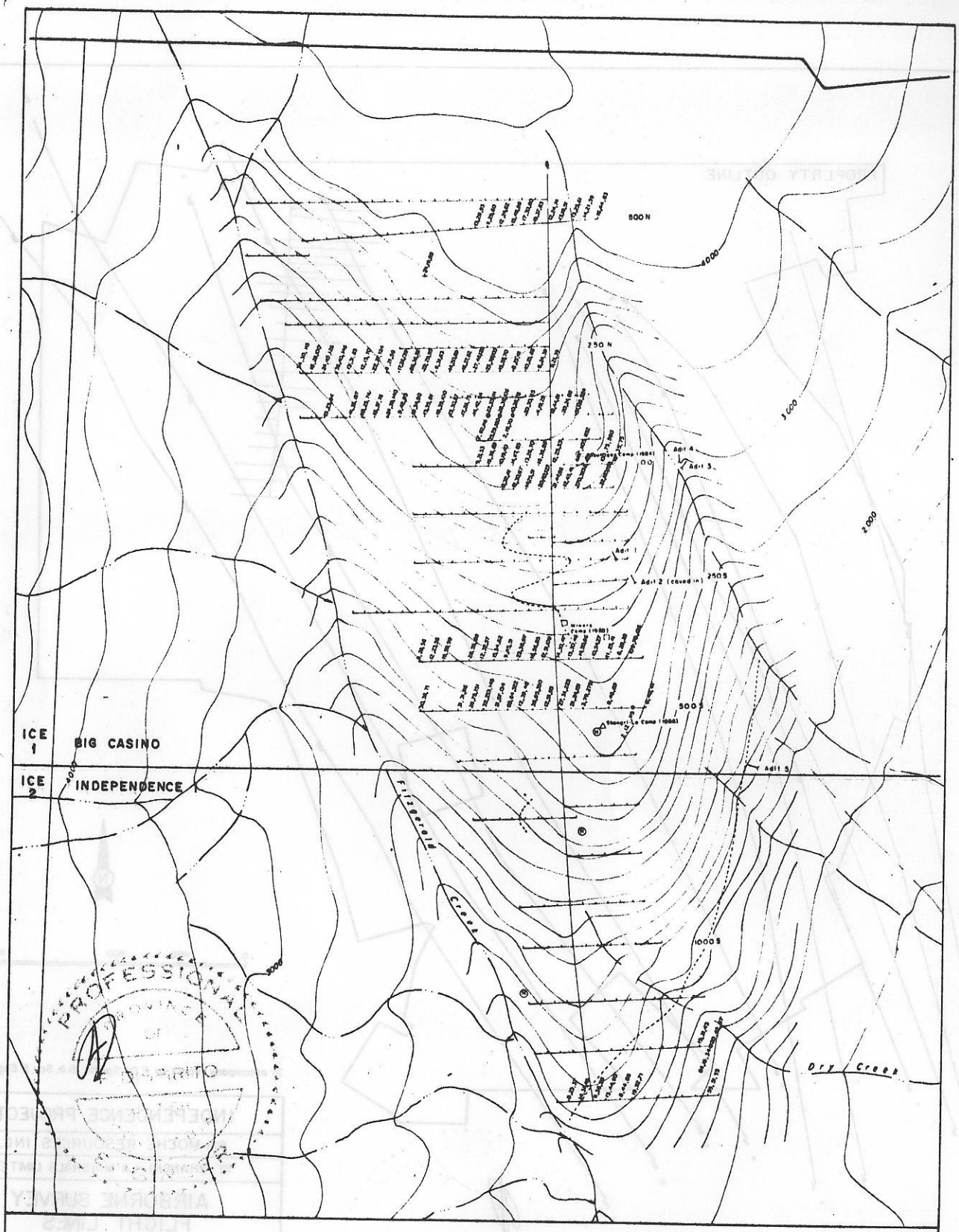
BY: SHANGRI-LA MINERALS LIMITED

Au, Ag GEOCHEMISTRY

SKEENA M.D., B.C.

N.T.S. 104A-4W	DATE: NOV. 1988
DRAWN BY: C.B.	FIGURE No. 10a

CHONG



LEGEND

Cu, Pb, Zn in ppm

Soil sample

Rock "

0 100 200 400 Metres

To accompany report by F Di Spirito, B.A.Sc., P.Eng.

INDEPENDENCE PROJECT

FOR MOCHE RESOURCES INC.

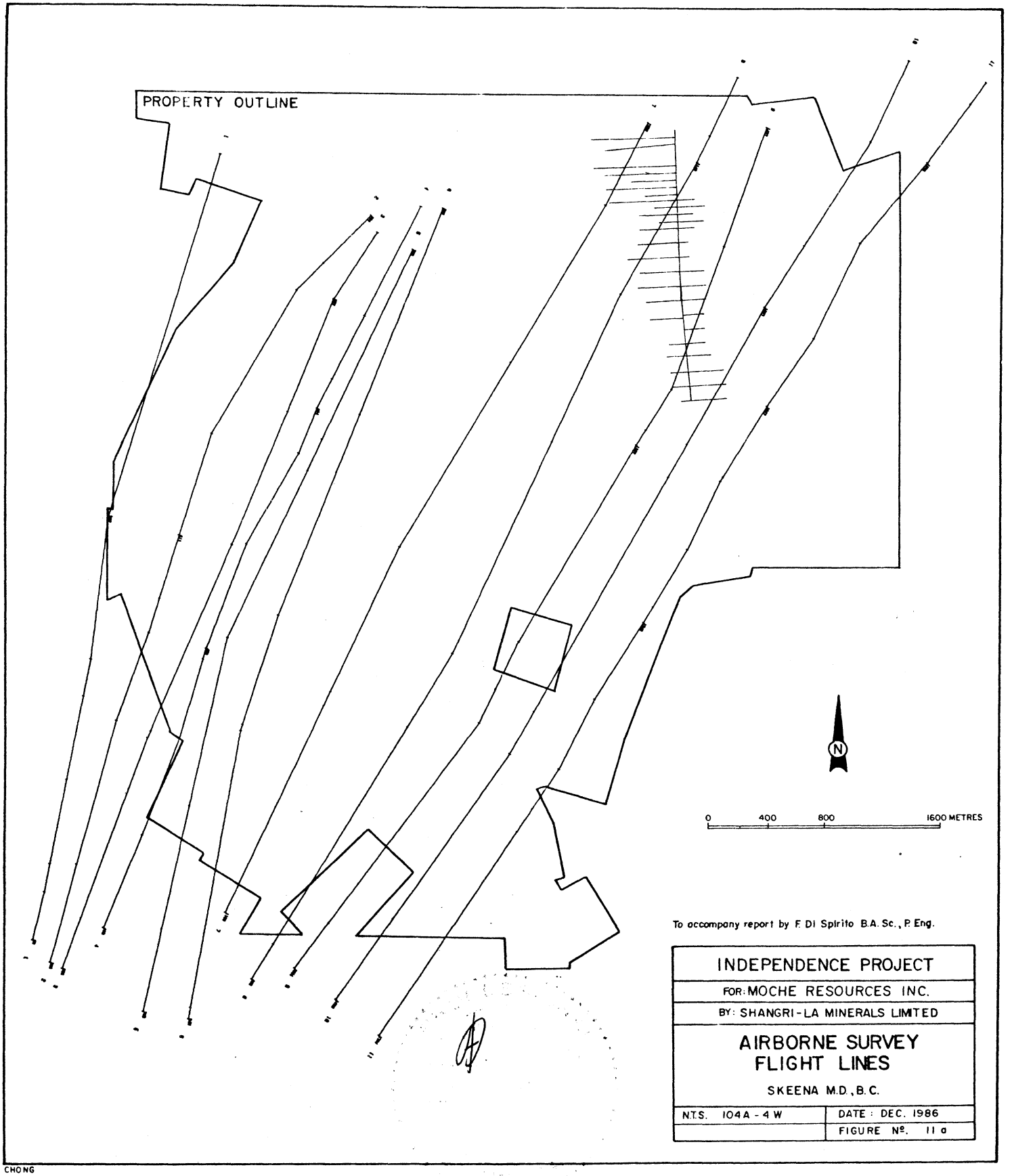
BY: SHANGRI - LA MINERALS LIMITED

Cu, Pb, Zn GEOCHEMISTRY

SKEENA M.D., B.C.

N.T.S. 104A-4W	DATE: NOV. 1986
DRAWN BY: C.B.	FIGURE No. 10b

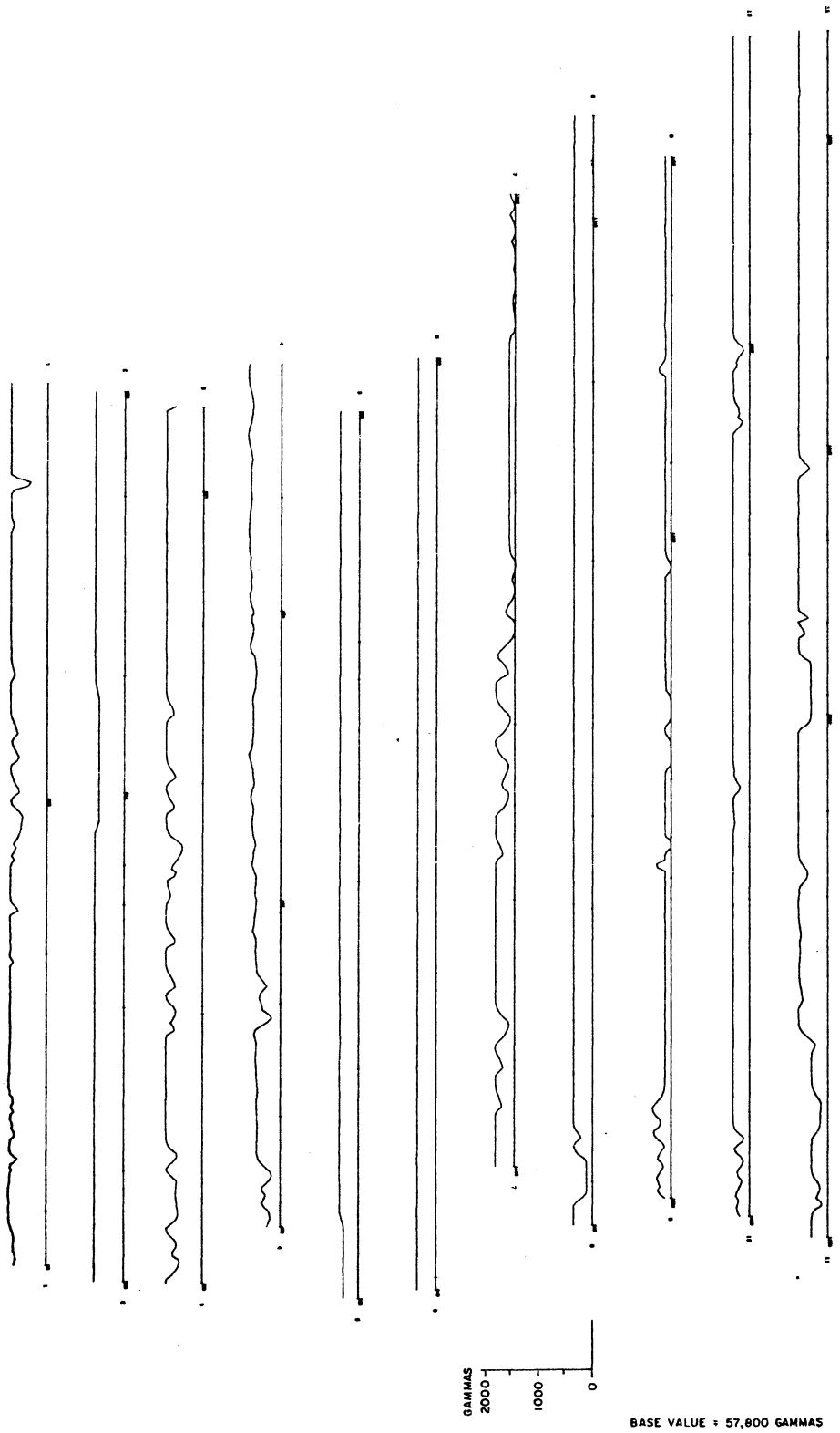
CHONG



To accompany report by F. DI Spirito B.A. Sc., P. Eng.

INDEPENDENCE PROJECT	
FOR: MOCHE RESOURCES INC.	
BY: SHANGRI-LA MINERALS LIMITED	
AIRBORNE SURVEY FLIGHT LINES	
SKEENA M.D., B.C.	
N.T.S. 104A - 4W	DATE : DEC. 1986
	FIGURE Nº. 11 a

CHONG



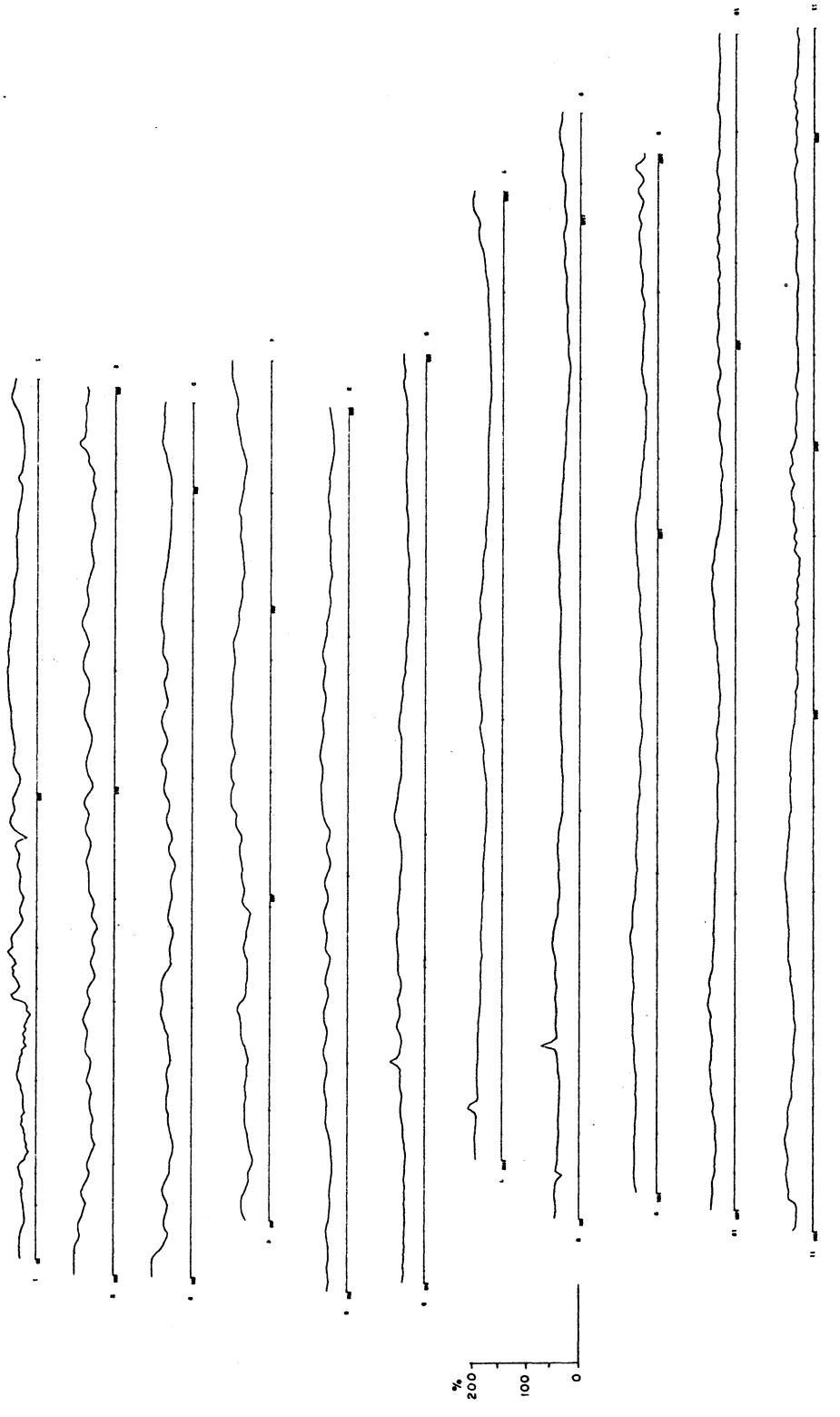
BASE VALUE = 57,800 GAMMAS

400 0 400 800 1200

METERS

TO ACCOMPANY REPORT BY
F. DISPIRITO, B.A.SC., P.ENG.

INDEPENDENCE PROJECT	
FOR: MOCHE RESOURCES INC.	
BY: SHANGRI-LA MINERALS LTD.	
AIRBORNE SURVEY PROFILE TOTAL MAGNETIC FIELD STRENGTH SKEENA M.D., B.C.	
N.T.S.: 104 B / 4W	DATE: DECEMBER 1986
PLOTTED BY: G.P.H.	FIGURE NO. 11b



400 0 400 800 1200

METERS

TO ACCOMPANY REPORT BY
F. DISPIRITO, B.A.SC., P.ENG.

INDEPENDENCE PROJECT

FOR: MOCHE RESOURCES INC.

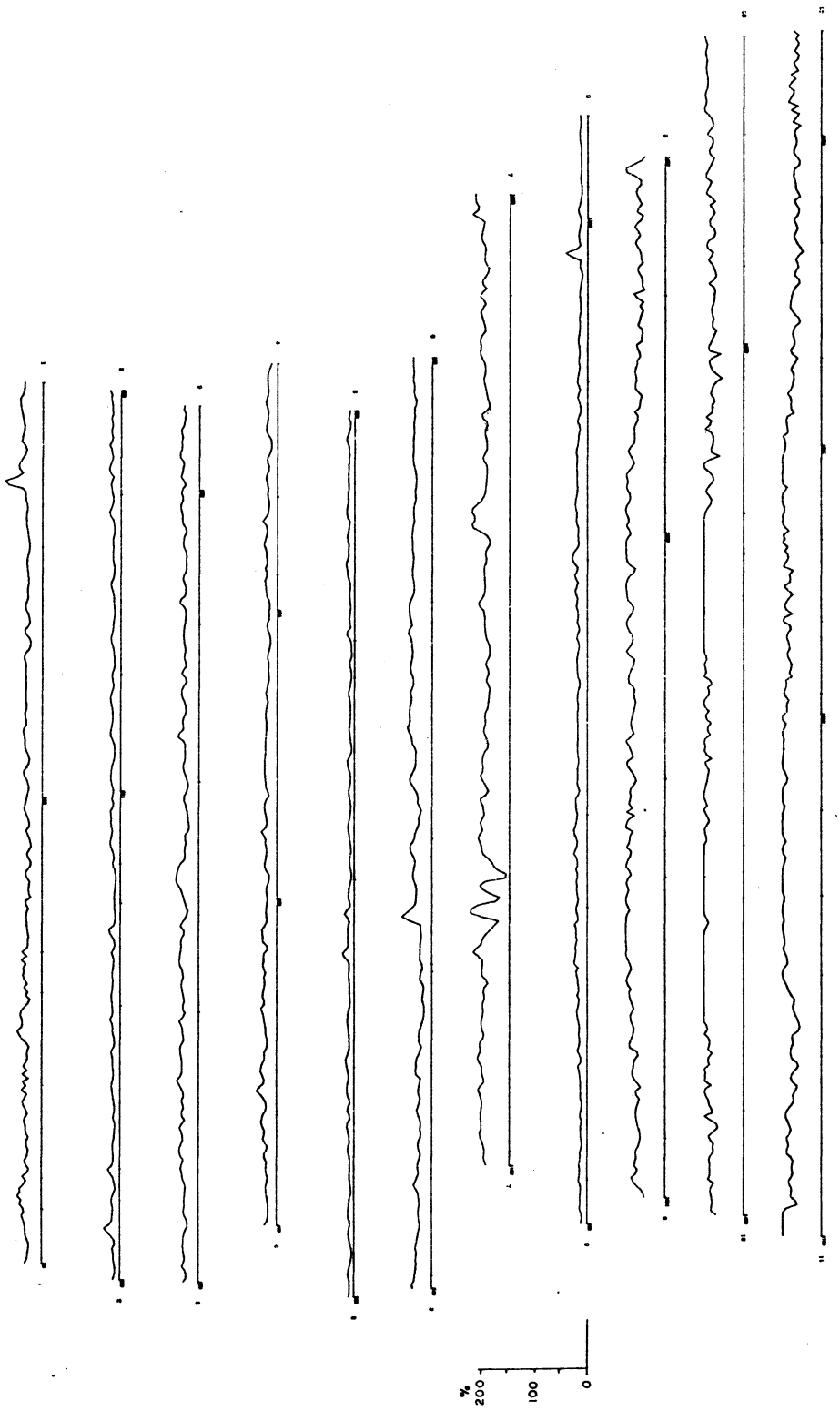
BY: SHANGRI-LA MINERALS LTD.

AIRBORNE SURVEY PROFILE

VLF-EM FIELD STRENGTH - SEATTLE

SKEENA M.D., B.C.

N.T.S.: 104 A / 4W	DATE: DECEMBER 1986
PLOTTED BY: R.P.M.	FIGURE NO. 11c



400 0 400 800 1200

METERS

TO ACCOMPANY REPORT BY
F. DISPIRITO, B.A.SC., P.ENG.

INDEPENDENCE PROJECT

FOR: NOCHE RESOURCES INC.

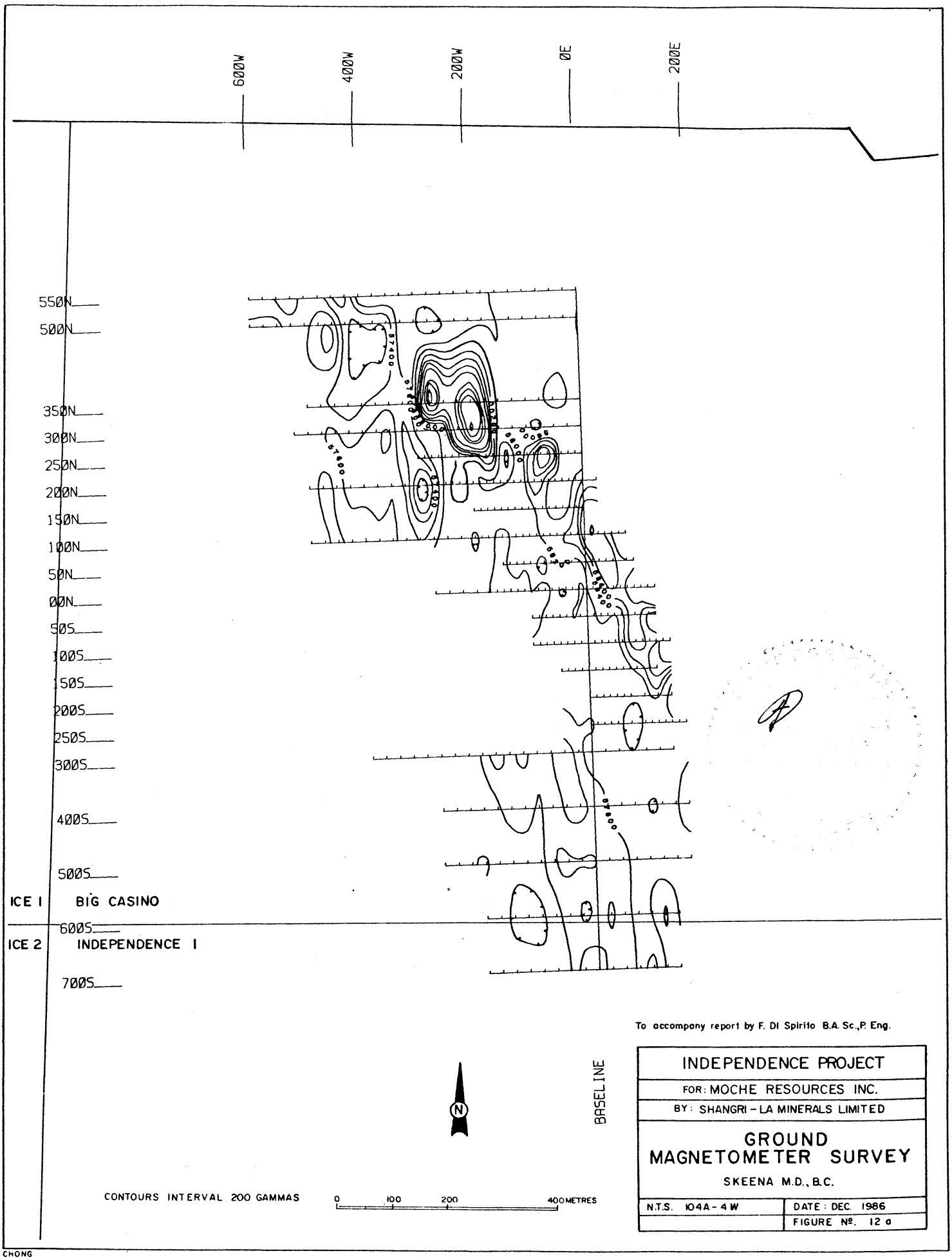
BY: SHANGRI-LA MINERALS LTD.

AIRBORNE SURVEY PROFILE

VLF-EM FIELD STRENGTH - ANNAPOLIS

SKEENA M.D., B.C.

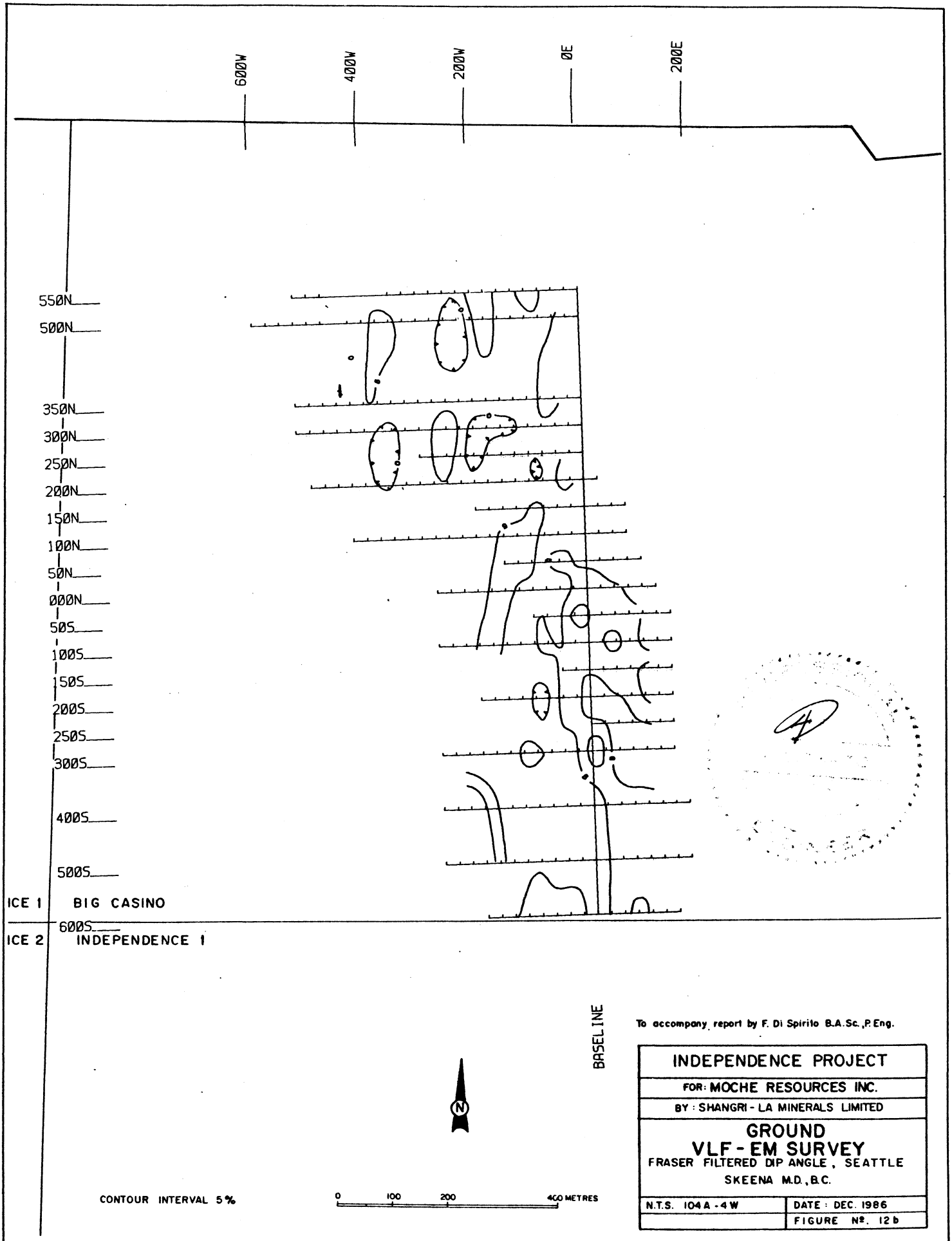
N.T.S.: 104 A / 4W	DATE: DECEMBER 1986
PLOTTED BY: R.P.M.	FIGURE NO. 11d



To accompany report by F. DI Spirito B.A. Sc., P. Eng.

INDEPENDENCE PROJECT	
FOR: MOCHE RESOURCES INC.	
BY: SHANGRI-LA MINERALS LIMITED	
GROUND MAGNETOMETER SURVEY SKEENA M.D., B.C.	
N.T.S. 104A-4W	DATE: DEC. 1986
	FIGURE Nº. 12 a

CHONG



To accompany report by F. Di Spirito B.A.Sc., P.Eng.

INDEPENDENCE PROJECT	
FOR: MOCHE RESOURCES INC.	
BY : SHANGRI-LA MINERALS LIMITED	
GROUND VLF-EM SURVEY FRASER FILTERED DIP ANGLE, SEATTLE SKEENA M.D., B.C.	
N.T.S. 104 A - 4 W	DATE : DEC. 1986
	FIGURE Nº. 12 b

CHONG

References

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Appendix A

Cost Breakdown of Phase I

Costs for Phase One of the Independence Project

Staff Charges	$25,500
Mobilization	7,000
Camp and Supply Costs	11,600
Helicopter and Vehicle Costs	12,900
Analysis Costs	2,800
Airborne Geophysical Survey	9,000
Engineering, Supervision, and Report	6,000
Total	**$74,800**

Appendix B

Certificates

CERTIFICATE

I, Frank Di Spirito, of the City of Vancouver in the Province of British Columbia, do hereby certify:

I) I am a Consulting Engineer with the firm of Shangri-La Minerals Limited, based at 706-675 West Hastings Street, Vancouver, B.C., V6B 1N2.

II) I am a graduate of the University of British Columbia (1974) and hold a Bachelor of Applied Science in Geological Engineering.

III) I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia.

IV) Since graduation, I have been involved in numerous mineral exploration programs throughout Canada and the United States of America.

V) This report is based on a visit to the property during September 1986 and on an evaluation of information gathered or compiled by a Shangri-La Mineral Limited staff during the period September 7 and 27, 1986 and on October 31, 1986.

VI) I have no direct or indirect interest in the property described herein, or in any securities of Moche Resources Inc., nor do I expect to receive any.

VII) This report may be utilized by Moche Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

Frank Di Spirito

Frank Di Spirito, B.A.Sc., P.Eng.
December 22, 1986

CERTIFICATE

I, Christopher Baldys, do hereby certify:

I) I am a Consulting Geologist with the firm of Shangri-La Minerals Limited, 706-675 West Hastings Street, Vancouver, B.C., V6B 1N2 British Columbia, V6B 1N2.

II) I graduated in 1980 from the University of Mining and Metallurgy, Cracow, Poland with Honours B.Sc. in Geology.

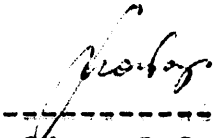
III) I have been involved in mining geology from 1980 to 1983 and in mineral exploration in the Canadian Cordillera since 1983.

IV) This report is based on field work carried out by this author and a Shangri-La Minerals Limited crew between September 7 to 27 and October 31, 1986

V) I have no direct or indirect interest in the property or in any securities of Moche Resources Inc., nor do I expect to receive any.

VI) This report may be utilized by Moche Resources Inc. for inclusion a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.



Christopher Baldys, B.Sc.
December 22, 1986.

CERTIFICATE

I, Martin St.-Pierre, of the City of Vancouver in the Province of British Columbia, do hereby certify:

I) I am a Consulting Geophysicist with the firm of Shangri-La Minerals Limited at 706 - 675 West Hastings Street, Vancouver, B.C., V6B 1N2.

II) I graduated in 1984 from McGill University in Montreal with a B.Sc. in Geophysics.

III) I have been involved in numerous mineral exploration programs since 1982.

IV) This report is based on data compiled by a Shangri-La Minerals Limited crew between September 7 and 27, 1986 and on October 31, 1986.

V) I hold no direct or indirect interest in the property or in any securities of Moche Resources Inc., or in any associated companies, nor do I expect to receive any.

VI) This report may be utilized by Moche Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

Martin St.-Pierre, B.Sc.
December 22, 1986

Appendix C

Rock Sample Descriptions and Analytical Results

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
1+00N, 1+25W 1+00N, 1+00W 1+00N, 0+75W 5+00S, 1+50E 12+00S, 2+50E	Grab	Rock chip of andesitic volcanics taken at the soil sample sites. (0.5 kg sample)	Independence grid area		1 1 1 1 1		0.5 0.2 0.2 0.1 0.4			
ID-1	Grab Float	Pyritic, pale grey felsic siliceous tuff (up to 3% pyrite) (1.5 kg sample)	99N/50E		2		7.4			
ID-2	Grab Float	Pyritic (0.5%), rusty quartz within sheared felsic tuff? (1.5 kg sample)	300N/5E Trench #1		1		0.6			
ID-3	0.15 m	White medium grained discontinuous quartz vein with traces of limonite on fracture planes (occasionally traces of pyrite) 0.15 m wide vein (1.5 kg sample)	570N/195W		1		0.6			

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
ID-4	Grab	Pale greenish-grey very fine grained to aphanatic felsic clastic(?) volcanic rock containing 0.5 - 1.0% very fine disseminated pyrite. (1.5 kg sample)	250N/130N		1		0.6			
ID-5	Grab	Medium grained felsic clastic volcanic rock with dark brown iron oxides on fracture surfaces and local traces of pyrite. (1.5 kg ssmple)	255N/130N		1		0.3			
55E-2N	1.5 m	Dark massive, silicified zone strongly mineralized with diss. pyrite (10%), other sulphides (sphalerite, galena ?), magnetite (across 1.0 m). Protolith identified as andesite tuff. (2 kg sample)	Trench #5		5		15.0			

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
55E-3N	2.0 m	Replacement zone consisting banded magnetite, jasper and sections of crystalline barite mineralized with very fine disseminated sulphides (undistinguishable). (3 kg sample)	Trench #5		11	4.48	139.3			
55E-4N	2.0 m	Replacement zone with rich sulphide mineralization; mainly pyrite in dark, competent also banded zone stained by calcite in some places. (3 kg sample)	Trench #5 Figure 6		112	9.36	288.6			
55E-5,6N	1.2 m	Dark magnetite and carbonate rich banded replacement zone strongly mineralized with very fine dissemianted sulphides. (1.5 kg sample)	Trench #5 Figure 6	0.001		1.25				
55E-7N	0.9 m	Replacement zone of banded, vuggy carbonates and some quartz, epidote, garnet (in vugs). Possibly some other skarn minerals. No visible mineralization. (3 kg sample)	Trench #5 Figure 6		87	3.47	106.0			

Fire assays in oz/t and %.
Geochem ICP analysis in ppm

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
INS	Grab	Approx. 7 m wide gossan area on the cliffs of Independence Creek Canyon. Probably tuffaceous volcanics. (2 kg sample)	180N//5E		1		10.3			
INS-2	0.2 m	Volcanic tuffaceous? rock containing fine disseminated pyrite and bands/veinlets of quartz. (2.5 kg sample)	180N/90E		14		119.7			
INS-1	0.8 m	Shear zone on the edge of dark tuffaceous? mineralized zone. Limonitic, fractured volcanics? (2.5 kg sample)	180N/90E		5	2.74	89.8			
GM-1	1.0 m	Rusty, pyritic andesite tuff	Trench #1		1		9.8			
GM-2	0.35 m	Strongly limonitic gouge and fault breccia	Trench #1		17		16.5			
GM-3	1.6 m	Rusty, pyritic andesite tuff	Trench #1		3		1.5			
GM-4	Grab	Felsic porphyry dyke	40S/52E		7		33.4			
GM-05	Grab	Sheared, silicified vuggy andesite with some jasper	15m below the #1 Adit		67		33.7			

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
N-153	From dump	Pyrite mineralized grano-diorite. (3 kg sample)	Trench #3		5		42.8			
N-154	2.0 m	Brecciated, silicified and pyrite mineralized quartz-monzonite (possibly other sulphides). (2.5 kg sample)	Trench #3		1	3.40	113.1			
N-155	Selective Grab	Selective heavily sulphide mineralized N-154 material. (2.5 kg sample)	Trench #3		2	9.20	221.2			
N-160	Grab	Sulphide mineralized quartz monzonite dyke (pyrite; 5-10%). (2.5 kg sample)	Trench #3		24	3.51	112.9			
N-161	Selective Grab	Selective sulphide mineralization from N-160. (1.5 kg sample)	Trench #3		2	7.16	196.8			
N-173	1.0 m	Brecciated, silicified weakly pyrite mineralized quartz-monzonite dyke.	Trench #4		1		3.9			

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
40S-51E	1.0 m	Strongly weathered quartz-sulphide replacement zone. (pyrite, sphalerite, galena?)	Trench #6		33	4.00	125.6			
41S-51E	2.0	Heavily weathered sulphide mineralized section of jaspery tuffaceous andesite? (pyrite, sphalerite, galena?)	Trench #6		66	3.85	115.1			
IAUDJ	From dumps	Jasper cemented fault? breccia-partly massive jasper with some coarse quartz, calcite. Fine grained galena, sphalerite and argentite? Mineralization. (2 kg sample)	27 m S of the Adit #1 portal.		610	11.99			2.18	4.58
TR-10-41	2.0 m	Massive sulphide mineralized, silicified competent zone partly entirely weathered to gouge (sampled separately T10BGW, T10BGE). Sulphides up to 30% mostly pyrite and minor sphalerite, galena, argentite. (3 kg sample)	Trench #7 Figure 8		15	20.77	389.5			

Sample No.	Access	Description	Location	Au oz/t	Au ppb	Ag oz/t	Ag ppm	Cu %	Pb %	Zn %
T10BGW	1.0 m	Black gouge-manganese, hydrozincite? & other weathering products of sulphides. (1 kg sample)	Trench #7 Figure 8		54	17.67	402.3			
TB10BGE	0.5 m	Black and orange gouge, as above. (1 kg sample)	Trench #7 Figure 8		10	3.67	115.8			
T10GAE	Grab	Selective grab of greenish dark quartz pods within massive sulphide mineralized zone. (1.5 kg sample)	Trench #7 Figure 8			2.45				
TR1-01	1.2 m	Black, orange limonitic gouge - before the blast. Section equivalent to TR-10-41 (across 1.8 m)	Trench #7 Figure 8		21	3.14	93.4			
TR1-02	0.6 m	As TR1-01	Trench #7 Figure 8		220	3.31	95.9			

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
T10BGW	1.0 m	Black gouge-manganese, hydrozincite? & other weathering products of sulphides. (1 kg sample)	Trench #7 Figure 8		54	17.67	402.3			
TB10BGE	0.5 m	Black and orange gouge, as above. (1 kg sample)	Trench #7 Figure 8		10	3.67	115.8			
T10GAE	Grab	Selective grab of greenish dark quartz pods within massive sulphide mineralized zone. (1.5 kg sample)	Trench #7 Figure 8			2.45				
TRI-01	1.2 m	Black, orange limonitic gouge - before the blast. Section equivalent to TR-10-41 (across 1.8 m)	Trench #7 Figure 8		21	3.14	93.4			
TRI-02	0.6 m	As TRI-01	Trench #7 Figure 8		220	3.31	95.9			

Sample No.	Access	Description	Location	Au oz/t	Au ppb	Ag oz/t	Ag ppm	Cu %	Pb %	Zn %
TRI-03	2.0	Replacement zone consisting of banded jasper, crystalline barite, some quartz and disseminated sulphides (pyrite, sphalerite, argentite?) and magnetite. (2 kg sample)	Trench #7 Figure 8		17	14.44	338.3			
IAU-01W	1.1 m	Massive sulphide mineralization with some silicification - fine grained mixture of sulphides dominated by pyrite (massive competent replacement zone)- moderately magnetic. (2.5 kg smple)	Adit #1 Portal Figure 4	0.054	1920	2.20	64.9			
IAU-00W	1.1 m	As above but strongly weathered section (2.5 kg sample)	Adit #1 Portal Figure 4		930		35.6			
IAU-02W	0.6 m	Greenstone with streaks and disseminations of pyrite, sphalerite?, along shear fractures. (2.5 kg sample)	Adit #1 Portal Figure 4		390		11.0			

Sample No.	Access	Description	Location	Au oz/t	Au ppb	Ag oz/t	Ag ppm	Cu %	Pb %	Zn %
IAU-02E	1.8 m	Massive sulphide mineralization with some silicification - fine grained mixture of sulphides dominated by pyrite (massive competent replacement zone) - moderately magnetic. (2.5 kg sample)	Adit #1 Portal Figure 3	0.079	2450		36.8			
IAU-40	2.2 m	Silicified and sulphide mineralized shear zone. Alternating jaspery, chloritic and pyrite mineralized sections of heavy, magnetic rocks (altered greenstone). (5 kg sample) The best min. section in the zone sampled separately as IAU-40MS. (3 kg sample)	Adit #1 Figure 7		1320		21.3			
IAU-40MS	0.6 m	Massive sulphide mineralization with minor quartz gangue. Disseminated pyrite, sphalerite and argentite? with some malachite stain, moderately magnetic. (3 kg sample)	Adit #1 Figure 7		1420	5.01	1.53			

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IAU-50	3.0 m	Altered greenstone with jaspery and sulphide mineralized sections with some qtz. gangue within massive sulphide mineralized section that appears to widen with depth (pyrite, sphalerite, galena). 5 kg sample. (3.5 kg sample)	Adit #1 Figure 7		310		20.4			2.66
IAU-54	Approx. 1.0 m	Irregular somewhat deformed jaspery greenstone and white quartz occasionally mineralized by pyrite, sphalerite, galena blebs and disseminations. (2 kg sample)	Adit #1 Figure 7		290	3.18	98.8			9.72
200 Ft.	As above	Sulphide rich selective material as above. (1.5 kg sample)	Adit #1 Figure 7			3.89				

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IAU68	1.0 m	Altered greenstone - jasperoidal qtz., white qtz. and chloritic sections mineralized moderately by disseminations and streaks of pyrite, galena? sphalerite? (2 kg sample)	Adit #1 Figure 7		73.0		29.1			3.89
IAU80	1.1 m	Heavily limonite stained, gouge and massive sulphide zone with strongly fractured/ sheared greenstone along the zone - moderately to strongly magneitic. (3 kg sample)	Adit #1 Figure 7		61		36.9			
IAU-80W	1.5 m	Andesite dyke directly to west of the zone IAU80. Disseminated pyrite mineralization - possibly other sulphides. (1.5 kg sample)	Adit #1 Figure 7		7		1.6			

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IAU80A	0.5 m	Jaspery,carbonate altered, weakly silicified tuff mineralized by disseminated sulphides. (1.5 kg sample)	Adit #1 Figure 7		250		22.1			
IAU80B	1.0 m	Weakly pyritic andesitic tuff. (2.5 kg smple)	Adit #1 Figure 7		35		9.5			
I14-A5	3.0 m	Shear controlled open space mineralized zone consisting of coarse quartz and epidote. West end of the zone has fault breccia fragments cemented by limonite (after sulphides). (4 kg sample)	Adit #1 Figure 7			2.87				
IAU-135	2.8 m	Shear controlled open space mineralized zone consisting of coarse quartz, epidote and jaspery sections and possibly minor carbonates. Fine galena and sphalerite and pyrite cubes within coarse quartz sections. (7 kg sample)	Adit #1 Figure 7			1.60				

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IAU-135W	0.5	More jaspery looking section to the west of the IAU135 sample, mineralized with disseminated sulphides. (1.0 kg sample)	Adit #1 Figure 7		330		41.1			
IAU-175	0.3 m	Jaspery zone within tuffaceous volcanics - irregular bands of jasperiodal cherty rock alternating with weakly altered dark tuff? (1 kg sample)	Adit #1 Figure 7		65		6.9			
IAU-OD	From dumps	Jasper cemented fault? breccia - partly massive jasper with some coarse quartz calcite. Fine grained galena, sphalerite and argentite mineralization. (2 kg sample)	26 m S from the Adit #1 Portal		360	8.71			5.46	2.97

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IA-03W	1.0 m	Limonitic greenstone with pyrite blebs and disseminations (possibly other sulphides) (1.5 kg sample)	12 m west of Adit #1 portal 3		230		29.9			
IA-CR02	Grab	Sheared, silicified and chloritized greenstone with some disseminated pyrite, pyrrhotite? (2 kg sample)	300S/85E		39		8.6			
IA-CR03	Grab Float	Maroon, jaspery looking porphyritic andesite tuff? with tiny chalcopyrite blebs. (2 kg sample)	100S/25W		4		0.2			
IA-CR04	Grab Float	Maroon andesitic? tuff with amygdaloidal texture -vuggs filled with calcite. (1.5 kg sample)	100S/15N		3		1.3			

Sample No.	Access	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IA-25	0.4 m	Sheared, silicified vuggy greenstone with dissem-ations and blebs of pyrite and possibly other sulphides. (1.5 kg sample)	25 m west of Adit #1 Portal		121		5.2			
I3A-1	3.0 m	Dark, maroon tuff with weakly disseminated pyrite? (2.5 kg sample)	Adit #3		150		7.8			
I3A-2	4.2 m	Dark, maroon tuff with weakly disseminated pyrite? (3.5 kg sample)	Adit #3 Figure 8		148		8.2			
I3A-3	4.5 m	Felsic dyke. (3.0 kg sample)	Adit #3 Figure 8		6		2.0			
IA-30	4.0 m	Felsic dyke? (2 kg sample)	Adit #3 Figure 8		7		0.4			
IA-34	0.3 m	Jaspery, pyritic volcanic rock - possibly other sulphides present. (2.5 kg sample)	Adit #3		720		20.8			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
I4A-2L	1.0 m	As I4A-2W but taken from the lower part of the face. (2.5 kg sample)	Adit #4 Figure 8		3140	3.85	128.4			
I4A-1E	1.0 m	East face of the Adit #4 at the portal - equivalent of sample I4A-1W, but more weathered section. (3.0 kg sample)	Adit #4 Figure 8	0.058	1950	3.89	118.6			
I4A-6E	1.0 m	Front face of the Adit #4. Weakly altered andesitic tuff-greenstone. (2.0 kg sample)	Adit #4 Figure 8		61		2.7			
I4A-1W	1.0 m	Jaspery,chloritic and magnetite rich andesite tuff? With disseminated sulphide mineralization (pyrite and minor chalco-pyrite) (3.0 kg sample)	Adit #4 Figure 8	0.050	1580	2.84	85.9			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
14A-2W	1.0 m	Strongly fractured dark jaspery andesite tuff? with very little disseminated pyrite. (2.5 kg sample)	Adit #4 Figure 8	0.135	5400	2.87	98.3			
14A-3W	1.0 m	As above but strongly limonitic (weathered) brecciated section in the middle of the zone - a diagonal shear cutting mineralized horizon. (2.5 kg sample)	Adit #4 Figure 8	0.052	1420	1.76	50.24			
14A-4W	1.0 m	Jaspery, pyritic andesite tuff strongly weathered (limonite, hydrozincite, smithsonite?) sections of little quartz pods (disseminated pyrite up to 5%). (3 kg sample)	Adit #4 Figure 8	0.156	5650	1.57	50.5			
14A-5W	1.0	As above - less weathered zone. (2.5 kg sample)	Adit #4 Figure 8	0.141	5100	4.30	134.4			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IH-01	2.0 m	Rusty, silicified andesite flow? veinlets and pods of quartz, mineralization of pyrite (10-15%) and also traces of chalcopyrite, covellite and azurite. (2 kg sample)	Dalhousie Group Iron Vein		680	3.43	119.8			
IH-02	0.15 m	Heavily pyrite and magnetite mineralized sections of 0.3 m wide andesite dyke. (1 kg sample)	Dahousie Gp. Iron Vein		720		21.5			
IH-03	0.5 m	Strongly pyritic and magnetite mineralized, rusty sections south of andesite dyke IH-02. (2 kg sample)	Dalhousie Gp. Iron Vein		2		7.9			
IH-04	1.7 m	Magnetite (15%), pyrite (50%), chalcopyrite (3%) rich zone across the width of the adit. Very competent silicified (30%) rocks. (2.5 kg sample)	Dalhousie Gp. Iron Vein Adit		1310		5.1			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IH-05	1.0 m	Silicified section south from the adit entrance consisting of qtz. veinlets and microdruses and patchy pervasive silicification of andesite tuff. (2 kg sample)	Dalhousie Gp. Iron Vein near the adit's portal.		160		3.9			
IH-06	0.5 m	Dark massive andesite tuff? with disseminated pyrite. (1.5 kg sample)	Dalhousie Gp. Iron Vein north of the Adit's portal.		29		0.3			
IHS-02	10 m	Tighly folded banded (cherty, magnetic) zone (mineralized flow? rocks) (5 kg sample)	Across Rock of Ages Canyon 20 m north of Tunnel #3. Figure 9		6		2.6			
IHS-03	0.6 m	Pyritic sheared rhyolite flow? - bleached, fractured weakly silicified zone. (2 kg sample)	Rock of Ages Canyon 68 m up from Tunnel #3.		4		2.6			

Sample No.	Across	Description	Location	Au oz/t	Au ppb	Ag oz/t	Ag ppm	Cu %	Pb %	Zn %
IHS-04	Grab	Fault breccia with some blebs of galena. (1.5 kg sample)	S side of the Rock of Ages Canyon 100 m up from Tunnel #3		18		3.9			
IHS-05	0.3 m	Jaspery beds of andesitic volcanics with pyrite mineralization (8%) and sphalerite? (1.5 kg sample)	S side of the Rock of Ages Canyon 100 m from Tunnel #3.		1		2.9			
IHS-06	Grab	Southern end of gossanous zone of dark flow rocks? with bands of pyrite along the bedding planes (10-15%) (2.0 kg sample)	S side of the Rock of Ages Canyon 92 m up from Tunnel #3.		16		9.7			
IPA08	0.5 m	Rusty fracture zone with quartz vein(130/8NE) rhyodacite country rocks. (1.5 kg sample)	Fitzgerald Cr. below Rock of Ages claims.		265		1.2			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IRAE02	Grab	Fragmental dacitic volcanic with pyrite finely disseminated within parallel to subparallel quartz veinlets. (1.5 kg sample)	Rock of Ages claims		1		0.1			
IRAE03	Grab	Jarosite? stained rhyolite flow with pyrite disseminated throughout. (1.5 kg sample)	Rock of Ages claims		1		0.6			
IRAC-01	1.5 m	Strongly pyritic (5%) shear zone in rhyolite flow? rocks. Shear 30°/60°/NW (1.5 kg sample)	N. side of Rock of Ages Canyon approx. 68 m N of Tunnel #3.		8		3.6			
IRAC-02	Float	Fault breccia: banded chert fragments cemented by pyrite (35%). (2 kg sample)	Approx. 60 m S of Tunnel #3.		180		26.9			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IRAC-03	2.1 m	Greenish, massive andesite/ dacite? weakly chloritized and mineralized with blebs of galena (up to 30% in some sections). (2.5 kg sample)	Tunnel #3 Figure 9		35		5.7			
IRAC-04	4.2 m	As above but less disseminated galena ? + pyrite (up to 1%). (2.5 kg sample)	Tunnel #3 Figure 9		5		1.0			
IRAC-05	1.5 m	Greenish, massive andesite/ dacite? Weakly chloritized and mineralized with bleby and disseminated galena, pyrite and sphalerite. (2.5 kg sample)	Tunnel #3 Figure 9		10		5.2			
IRAC-06	Grab from the face of the tunnel	Greenish massive andesite/ dacite? Weakly chloritized. (2.5 kg sample)	Tunnel #3 Figure 9		3		1.2			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IRAD-01	Grab	Banded andesitic volcanic. (2.5 kg sample)	Rock of Ages claims.		49		1.8			
IRAD-02	2.0 m	Andesitic volcanics well mineralized with sphalerite and possibly other sulphides (up to 40%) also minor chalcopyrite. (2.5 kg sample)	Rock of Ages claims	0.165	6990		31.7			28.31
IRAD-03	2.0 m	Weathered sphalerite galena mineralized andesite volcanic. (3.0 kg sample)	Rock of Ages claims		1480		47.9			24.80
IRAD-04	0.3 m	Thin limestone bed strongly mineralized by arsenopyrite. (3.0 kg sample)	Rock of Ages claims		160		6.3			
IRAD-05	Grab	Weathered black stained volcanic? (1.5 kg sample)	Rock of Ages claims.		47		2.1			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IRAD-06	2.0 m	Rusty volcnics (contact between rhyolite flow and andesite). (1.5 kg sample)	Rock of Ages claims		8		0.6			
IRAD-07	1.0 m	Rusty fault zone: (crushed volcanics) Strike 140° dip? Disseminated sulphide mineralization. (2.0 kg sample)	Rock of Ages claims		19		28.9			
IRAD-08	Selective sample from dump	High grade galena mineralized from dump. (3.0 kg sample)	Rock of Ages claims - open pit	0.227	5460	10.88	265.2		33.06	8.94
IRAD-09	Grab	Fracture zone along andesitic dyke in clastic? volcanics strongly mineralized with galena (small discontinuous zone). (3.5 kg sample)	Rock of Ages claims-open pit	0.112	3990	2.40	74.9		6.76	7.72

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IRAD-10	Grab	As IRAD-09 but hanging wall of the fracture zone. (2.0 kg sample)	Rock of Ages claims- open pit.		65		70			
IRAD-11	Grab	Limonite cemented "Pebbles" along the shear zone (glacial sediment	Rock of Ages claims.		5		0.3			
IRAD-12	7.0 m	Strongly fractured, pyrite mineralized (1-2%) bleached rhyolite flow. (2.0 kg sample)	Rock of Ages claims		4		0.7			
IRAD-13	0.20 m	Sheared, chloritized and silicified meta-andesite (greenstone). Streaks of pyrite and pyrrhotite. (2.0 kg sample)	Rock of Ages claims		3280		41.0			
IRAD-14	Grab	Rusty zone in limestone.	Rock of Ages claims. Figure 9		63		8.1			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
IRAD-15	3.0 m	Banded jasper, hematite/magnetite below the limestone bed.	Rock of Ages claims. Figure 9		8		2.0			
IRAC-20	1.0 m	Siliceous, greenish (chloritic?) weakly sericitic, fractured greenstone. (2.0 kg sample)	Rock of Ages claims.		6		0.3			
IRAC-21	0.2 m	Banded, altered chert or argillite. Bands of alternating jasper and magnetite with signs of later brecciation and pyrite, sphalerite?, epidote mineralization. (3 kg sample)	Rock of Ages claims		34		18.2			
IRAC-22	0.17 m	Strongly limonitic, shale or argillite (2.5 kg sample)	Rock of Ages claims		220		39.6			
IRAC-23	Float	Banded, altered chert or argillite. Magnetite and jasper bands (up to 1 cm thick). Some dissseminated sulphides (sphalerite, pyrite). (1.5 kg sample)	Rock of Ages claims		9		4.0			

Sample No.	Across	Description	Location	Au		Ag		Cu	Pb	Zn
				oz/t	ppb	oz/t	ppm	%	%	%
ICE-01	Grab	Chalcedony - jasper fracture fillings (stockwork type) in tuffaceous felsic volcanic. (1.5 kg sample)	ICE-2 claim		1		0.2			
ICE-02	Grab	Maroon, tuffaceous amygdaloidal textured volcanic with light green soft mineral filling some of the vugs (gypsum?). (1.5 kg sample)	ICE-2 claim		1		0.1			
ICE-03	Grab	Rusty, fractured argillite. (1.5 kg sample)	ICE-2 claim		1		0.6			
ICE-04	Grab	Rusty, fractured argillites along the contact with volcanics. (1.5 kg sample)	ICE-2 claim		7		6.9			
ICE-05	1.0 m	Quartz cemented fault breccia (some comb textures). Fault 148° dipping to the NE. (1 kg sample)	ICE-2 claim		1		0.6			

CERTIFICATE OF THE ISSUER

The foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by Part 7 of the Securities Act and the regulations thereunder.

DATED at Vancouver, British Columbia this 30th day of October, 1987

ON BEHALF OF THE ISSUER

ARTHUR GEORGE ASLESON
President and
Chief Executive Officer

(signed under power of attorney by Tina Asleson)

KIRSTEN MARQUIS
Secretary and
Chief Financial Officer

ON BEHALF OF THE BOARD OF DIRECTORS

BRANKO SIKLIC,
Director

PANTELIS PETER TSAPARAS,
Director

ON BEHALF OF THE PROMOTERS

ARTHUR GEORGE ASLESON,
Promoter

CERTIFICATE OF THE AGENTS

To the best of our knowledge, information and belief, the foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by Part 7 of the Securities Act, and the regulations under it.

DATED at Vancouver, British Columbia this 3 day of November, 1987.

YORKTON SECURITIES INC.

per:

Authorized Signatory

Authorized Signatory

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