



**EXPLORATION REPORT
OF THE
RUBY PROPERTY, BENNETT LAKE CAULDRON
YUKON TERRITORY, CANADA**

YMIP Designation # 99-038

**A Target Evaluation Survey comprising:
Geology, Geophysics, Trenching, Diamond Drilling
June 21, 1999 – August 18, 1999**

Mineral Claims: MET 1 - 42

NTS # 105D/3 (Fenwick Creek)

094100

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 24,000.

M. Bush

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

ABSTRACT

The Ruby Property which comprises 880 hectares in southwestern Yukon, adjacent to the British Columbia border was staked by Tiberon Minerals Ltd. of Calgary, Alberta in February 1999. The area is underlain by Eocene felsic ignimbrites of the Bennett Lake cauldron subsidence complex within the Coast Crystalline tectonic belt, and hosts two high-grade epithermal silver veins which had previously not been fully explored.

The company completed surface geological studies consisting of detailed mapping and sampling, trenching, and ground magnetic and VLF-EM surveys, followed by a four-hole diamond drill program. Four additional high-grade silver-gold veins were discovered proximal to the two known structures. On surface the metal content of the six veins generally range between 35 and 150 oz/ton silver and 0.5 to 1.0 gram/tonne gold. The average vein width is one meter, and strike lengths vary from 5 to 160 meters. Of the two structures tested by drilling, only the Connie vein recorded high concentrations of silver (8 to 20 oz/ton) and gold (0.2 to 2.5 grams/tonne).

While the veins appear to be of sub-economic value, all of them have not been fully explored. Their presence may also be indicative of proximal, more highly developed epithermal precious metal systems within the district. Further exploration is recommended, consisting of satellite imagery studies followed by reconnaissance geological investigations, and drilling where warranted.

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EXPLORATION REPORT OF THE RUBY PROPERTY

1. INTRODUCTION

Tiberon Minerals Ltd. of Calgary, Alberta acquired the Ruby property by claim staking in early 1999. The area is underlain by felsic ignimbrites of Eocene age, within a collapsed caldera complex, and hosts two relatively unexplored high-grade epithermal silver veins. The company conducted detailed surface geologic investigations in the vicinity of the two outcropping veins, and followed up by completing a short diamond drill program.

1.1 Location and Access

The property is situated in southwestern Yukon Territory adjoining the British Columbia border, approximately 78 km south of the capital city of Whitehorse, and 40 km southwest of the town of Carcross. Access is limited to helicopter or a combination of both air and boat transportation via Bennett Lake, which is 8 km northeast (Figure 1).

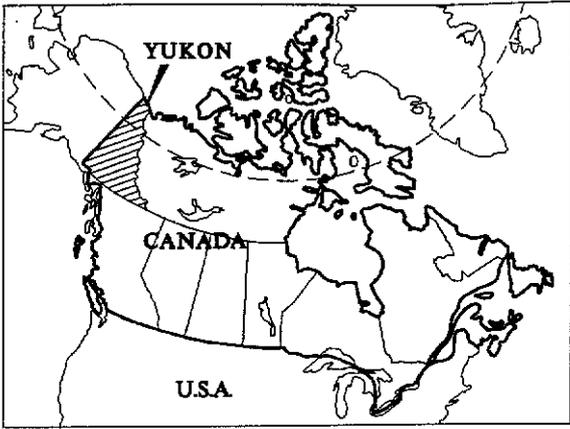
The property area lies within the Coast Mountains physiographic unit, and is characterized by an east-west ridge linking two north-trending ridges. The south-facing slope is mainly talus-covered while northern slopes and ridges comprise very steep cliffs, small glaciers and minor talus slopes. A glacier-fed tributary of MacAuley Creek drains the property to the north, of which the headwaters transect thick, well developed morainal debris. At the south boundary, an unnamed creek flows east along the BC-Yukon border to Partridge Lake. Elevation relief is approximately 3000 feet (4000 to 7100 feet above sea level).

Vegetation is limited to alpine grasses in the valley bottoms, except along MacAuley Creek below 4500 feet elevation, which is approximately tree-line level.

Field activity is restricted to the summer months of early June to mid September. Weather generally deteriorates towards the end of this period with an increase in precipitation and low cloud cover.

1.2 Land

Located within the Whitehorse Mining District, the Ruby property consists of the MET 1 – 42 mineral claims, staked February 19, 1999 and recorded February 22, 1999. Claim tag numbers YC-09290 (MET 1) to YC-09331 (MET 42) have been affixed to the claim posts. During the period of field activity, the MET 43 – 48 mineral claims were staked (June 29, 1999) and recorded (July 09, 1999). The corresponding grant numbers are pending. In total the property comprises approximately 880 hectares (Figure 2). Tiberon Minerals Ltd. is the registered holder of all claims.



ALASKA

YUKON
TERRITORY

NORTHWEST
TERRITORIES

Dawson

Inuvik

Mayo

Faro

Carmacks

Ross River

Haines
Junction

WHITEHORSE

**MET CLAIMS
LOCATION**

Watson Lake

ALASKA

Skagway

Haines

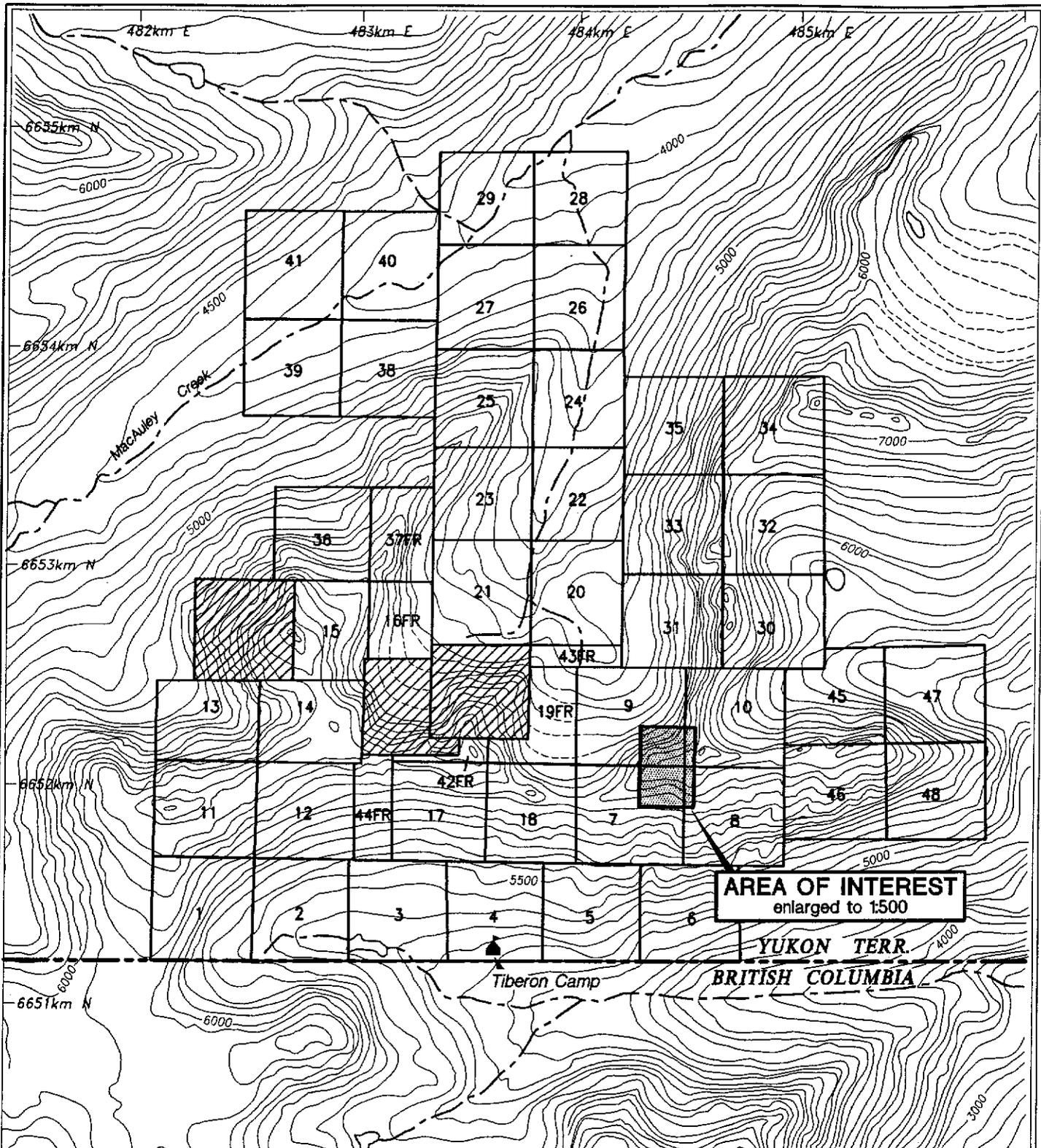
Allin

Cassiar

BRITISH
COLUMBIA



TIBERON MINERALS LTD.	
RUBY PROPERTY Yukon Territory, Canada	
LOCATION MAP	
DATA BY: B.M.	DATE: SEPT. 1999
SCALE: 1: 500	FIG: 1



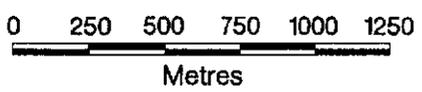
AREA OF INTEREST
enlarged to 1:500

YUKON TERR.
BRITISH COLUMBIA

Tiberon Camp

LEGEND

- Met claims 1 - 48
- Third party (Ridge) claims



TIBERON MINERALS LTD.

RUBY PROPERTY
N.T.S. 105D/3 Yukon Territory, Canada

CLAIM MAP

DATA BY: B.M. DATE: SEPT. 1999

SCALE: 1: 25,000 FIG: 2

2. PROPERTY HISTORY

2.1 Past Activity

A 1972 prospecting program under the direction of J. R. Woodcock led to the discovery of high-grade silver-gold float and subsequent staking of the Ridge claims. In 1973 the property was optioned by Jorex Limited and Dome Exploration Ltd. from Adastral Mining Corporation Limited, of which Woodcock was a director. Surface investigations by J. R. Woodcock Consultants Ltd. resulted in the discovery of two mineralized vein zones, the "MacAuley Creek East" and the "MacAuley Creek West". Both zones are described as near north-striking, steep-dipping vein systems consisting of arsenopyrite-rich gold-silver bearing silica-altered structures with indicated strike lengths up to 425 m.

In 1981 Kennco Explorations Limited conducted initial geological and geochemical surveys on the Goat claims following analysis of stream sediment samples collected in the early 1960's. Numerous silver-gold-copper-lead-zinc vein showings were located, the most promising situated proximal to Adastral's showings. The source of the Mouse showing, from which high-grade vein material in float containing up to approximately 200 oz/ton or 7 kg/tonne silver, was not located.

In 1987 Adastral completed a geological survey of the maintained Goat-Ridge claims, and defined the four principal showings: the Discovery (the original MacAuley Creek East showing), West Vein System, Jake, and Mouse.

A seven-hole diamond drill program was completed on the Discovery showing in 1988 with the best results from hole 7 grading 74 gm/tonne silver and 1.9 gm/tonne gold over 20 cm.

The source of the Mouse showing was located in 1988, with the surface discovery of two north-striking high-grade silver veins labeled as the Steve and Connie veins. The near-vertical dipping Steve vein was described as having a minimum 300 foot strike length, with sampled vein widths ranging from 4.3 to 8 feet, and grading from 27.9 to 178.2 oz/ton silver and 0.027 to 0.475 oz/ton gold. The Connie vein is described as dipping 60° west, with a minimum 480 foot strike length (partially talus-covered) and ranging in sampled width and grade from 11.5 feet at 32.5 oz/ton silver and 0.001 oz/ton gold, to 5.3 feet at 340.2 oz/ton silver and 0.026 oz/ton gold (Canada Stockwatch Aug. 19 1988).

In 1989 the company completed preliminary flotation tests of Steve vein material, producing a sphalerite-galena-arsenopyrite concentrate with 95% silver and 90% gold recoveries.

No further activity was recorded, and all claims excluding the three Ridge units eventually lapsed.

2.2 Recent Exploration Activity

Tiberon Minerals acquired the Ruby property by claim staking in February 1999, with the intent of evaluating the area in which the high-grade Steve and Connie veins were located. The field activities of exploration phases one and two commenced June 22 and were completed on August 18, 1999. Phase I comprised surface geological mapping and sampling, trenching, and geophysical magnetometer and VLF-EM surveys, while Phase II consisted of 4 holes of diamond drilling. The core is stored on the property at the field campsite. Tables 1 and 2 list the completed activities.

Due to the excessively steep terrain, only a small survey grid from which mapping and geophysical surveys were conducted, was established on the southern slope of the area of interest, totaling 680 line meters. It consists of chained and compassed lines oriented at 90° azimuth which are separated by 50 meter slope-corrected intervals (L800N – L1000N). Picketed and flagged stations have been established at 20 meter chained intervals roughly parallel to slope contours.

Survey control points were set up on the north slope at piton stations, where a significant percentage of work was conducted utilizing climbing gear. The stations, along with sample and vein locations, were tied in by compass, clinometer and chain.

Table 1 Phase I Activities

Camp mobilization & construction: June 22 - 26	
Survey grid establishment: June 24 - 27	680 line m.
Rock geochemistry (#s 197001 - 099):	99 samples
Geologic mapping (1:500): June 23 - July 25	approx. 200 x 300 m.
Trenching: June 25 - July 13	47 m.
Geophysics: June 27 - 29	
- Ground magnetic survey:	680 line m.
- VLF-EM survey:	680 line m.

Table 2 Phase II Activities

Drill pad preparation: July 25 - August 10	17 days
Diamond drilling (E. Caron Diamond Drilling Ltd.)	
- 4 holes: July 31 - August 4, August 9 - 15	415.91 m.
Drill core geochemistry (#s 197201 - 229):	29 samples
Geology (core logging, map & section prep.): July 26 - August 18	
Demobilization: August 15 - 19	
Report writing (Phase I & II):	

2.3 Summary of Expenditures

Phase I field expenses incurred during the 1999 program total \$134,698 which are listed in Table 3 by category. Phase II expenses had not been tabulated at the time of this writing.

Phase I Activities

Camp mobilization & construction: June 22 - 26	
Survey grid establishment: June 24 - 27	680 line metres
Rock geochemistry (#s 197001 - 099)	99 samples
Geological mapping (1:500): June 23 - July 25	approx. 200 x 300 m.
Trenching: June 25 - July 13	47 m.
Geophysics: June 27 - 29	
- Ground magnetic survey	680 line m.
- VLF-EM survey	680 line m.

Phase II Activities

Drill pad preparation: July 25 - August 10	17 days
Diamond drilling (E. Caron Diamond Drilling Ltd.)	
- 4 holes: July 31 - August 15	415.91 m.
Drill core geochemistry (#s 197201 - 229)	29 samples
Geology (core logging, mapping, etc) July 26 - August 18	
Demobilization: August 15 - 19	
Report writing (Phase I & II)	

Phase III Activities

Geologic mapping & sampling: August 31 - September 13

1999 Exploration Expenditures

Phase I

Category	Amount \$	Total \$
Assays	2,516	
Camp Costs/Supplies	22,067	
Communications	2,564	
Claim Staking	1,733	
Equipment Rentals	11,167	
Salaries/Wages	48,988	
Transportation	2,254	
Helicopter	<u>43,410</u>	
		134,699

Phase II

Category	Amount \$	Total \$
Assays	1,156	
Camp Costs/Supplies	3,850	
Communications	2,634	
Diamond Drilling	65,061	
Salaries/Wages	23,649	
Helicopter	<u>59,653</u>	
		156,003

Phase III

Category	Amount \$	Total \$
Assays	320	
Camp Costs/Supplies	2,400	
Communications	420	
Equipment Rentals	300	
Salaries/Wages	7,500	
Transportation	1,464	
Helicopter	<u>26,364</u>	
		38,768

Grand Total **\$329,470**

Table 3 1999 Exploration Expenditures

PHASE I		
Category	Amount \$	Total \$
Assays	2,516.	
Camp Costs / Supplies	22,067.	
Communications	2,564.	
Claim Staking	1,733.	
Equipment Rentals	11,167.	
Salaries / Wages	48,988.	
Transportation	2,254.	
Helicopter	43,410.	\$134,698.

3. GEOLOGY

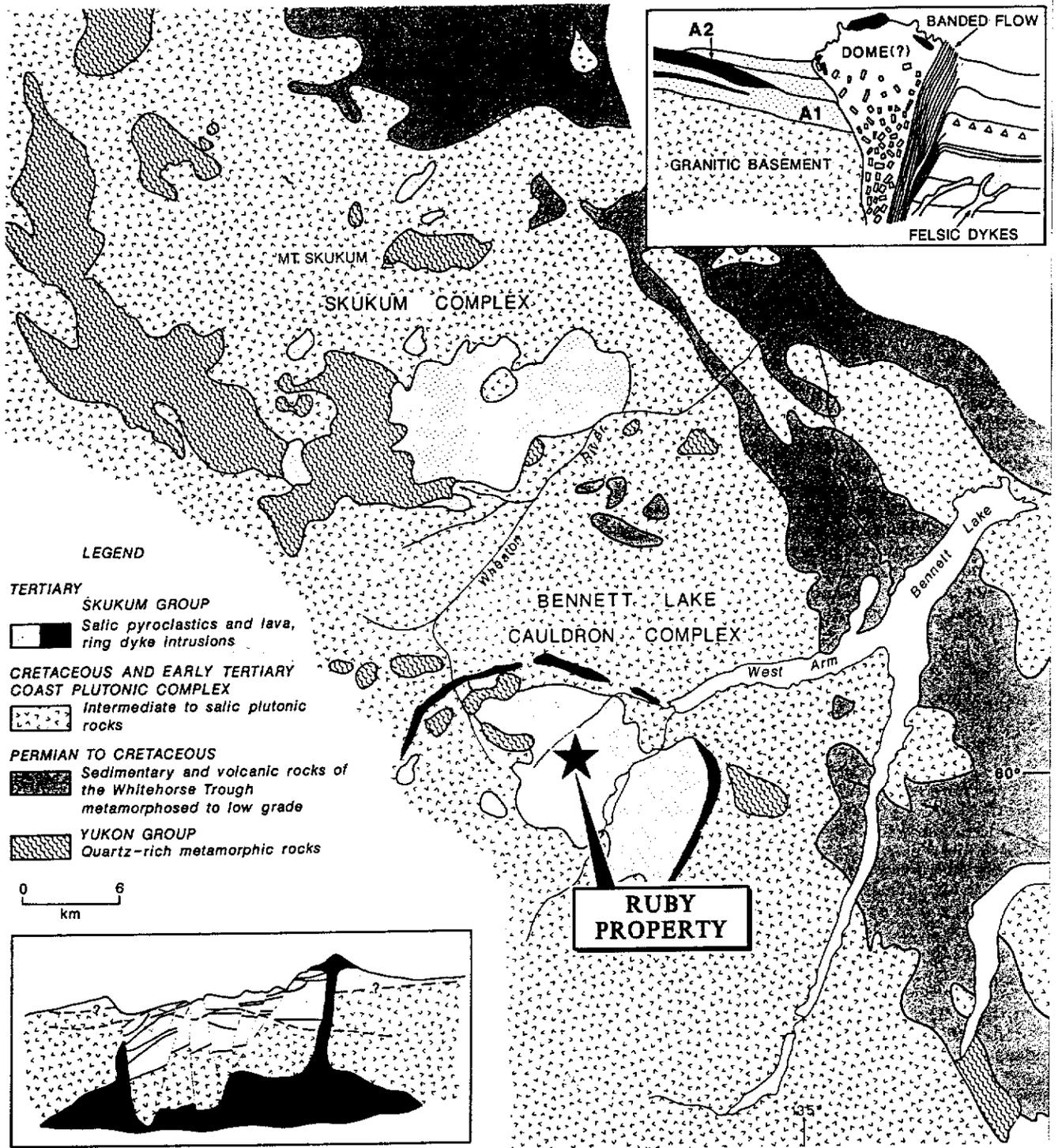
3.1 Regional Geology

The Ruby property is underlain by Eocene felsic ignimbrites of the MaCauley Creek Formation (Skukum Group), which is situated within the Coast Crystalline tectonic belt comprising Paleozoic metamorphic rocks of the Yukon Group and Cretaceous-Tertiary granitic rocks of the Coast Plutonic Complex (Figure 3). The pyroclastics form part of the Bennett Lake Cauldron Subsidence Complex, one of two northernmost complexes of the Sloko volcanic province, the other being the Skukum Complex situated 30 km north.

The Bennett Lake complex is circular-shaped, surrounded by shattered and brecciated granitic rocks, and is partially circumscribed by a rhyolite ring dike. These characteristics have been interpreted to represent volcanism and subsidence along ring fractures from one or more calderas.

Table 4 Table of Formations

Geol. Time	Group	Formation	Lithology
Pleist-Recent			alluvium
unconformity			
Eocene	Skukum	MaCauley Creek	ignimbrite: partial-densely welded
unconformity			
Tertiary-Cret		Coast Plutonic Complex	granite, quartz monzonite, granodiorite
intrusive contact			
Pre-Mesozoic	Yukon		quartzite, mica-quartz schist/gneiss, marble



LEGEND

TERTIARY

SKUKUM GROUP

Salic pyroclastics and lava, ring dyke intrusions

CRETACEOUS AND EARLY TERTIARY COAST PLUTONIC COMPLEX

Intermediate to salic plutonic rocks

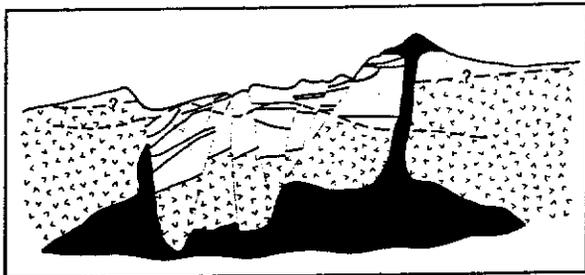
PERMIAN TO CRETACEOUS

Sedimentary and volcanic rocks of the Whitehorse Trough metamorphosed to low grade

YUKON GROUP

Quartz-rich metamorphic rocks

0 6
km



RUBY PROPERTY

TIBERON MINERALS LTD.

RUBY PROPERTY
Yukon Territory, Canada

REGIONAL GEOLOGY

DATA BY: B.M.

DATE: SEPT. 1999

SCALE: AS SHOWN

FIG: 3

3.2 Project Geology

The area of investigation is underlain by one principal lithology, that being a dacitic lapilli tuff with varying percentages of fragment grain sizes, and varying degrees of welding. The rock is typically pale green to light grey-green, ranging from partial to densely welded with related poor to well developed eutaxitic foliation. Pumice clasts/fiamme are generally less than 0.5 cm diameter/length, however localized zones containing breccia/agglomerate components are not uncommon, and also include metamorphic mica schist fragments. Nonfoliated volcanic fragmentals often display round or tube vesicle textures.

Near the center of the mapped area an oval-shaped zone of roughly 70 meters diameter appears as white or cream-coloured lapilli tuff, generally with a higher percentage lapilli content and partial welding.

Other minor lithologic units include: a) one brownish diabase dike averaging one meter width, near vertical-dipping and striking northeast, with a 100 meter strike length. b) few cream-coloured aplite dikes, steep dipping and north striking, ranging from tens of centimeters to 4 meters width. These have been observed only in drill core. A detailed geology map at 1:500 scale has been produced (Figure 4).

3.3 Project Structure

Within the district the volcanic strata undulates with an overall near flat-lying orientation. Bedding generally appears massive. Thickness of the MaCauley Creek Formation is estimated at approximately 700 meters.

Two principal faults have been mapped within the area of interest. The northwest striking Ridge Fault (S130-140°/80S-90°) is exposed over a 75 meter strike length and appears to display minimal sinistral movement. The North Fault (S075-080°/55-63°S) is exposed over a strike length of hundreds of meters and appears to truncate the Ridge Fault. Relative movement was not determined however it is assumed to be normal with a principal dip-slip component.

3.4 Veins

Four north-striking, near vertical-dipping mineralized structures are confined between the faults, and terminate at either one or both of the North and Ridge fault planes. These veins, labeled the Brian, Tom, Mike, and Dave veins range in strike length from 5 to 25 meters and average between 0.5 and 1.2 meters width. Economic potential of these structures was considered limited due to the relatively short strike lengths.

The Steve vein which crops out on the north side of the North Fault, is north-striking, near vertical-dipping and exposed over a 45 meter strike length within a narrow steep-walled canyon. The vein terminates or is offset at the fault. Exposed northern extent is limited by ice and talus cover. Surface investigation was brief due to the

high incidence of falling rocks. The vein is 20 cm wide at its southern extent but appears to increase up to 1.5 meters near the edge of ice-cover.

Exposures of the Connie vein extend over a 45 meter strike length (S165/70W) on the north slope, with the extent limited by talus cover. The vein thickness is relatively consistent averaging about 1.5 meters. The vein dissipates near the ridge top, and crops out in a number of isolated exposures 100 meters away on the south slope, exhibiting a width of up to nearly 6 meters. Overall strike length is estimated at 160 meters, and although it does not crop out on the ridge, it is assumed to be continuous beneath the ridge, below 6610 feet elevation.

3.5 Alteration and Mineralization

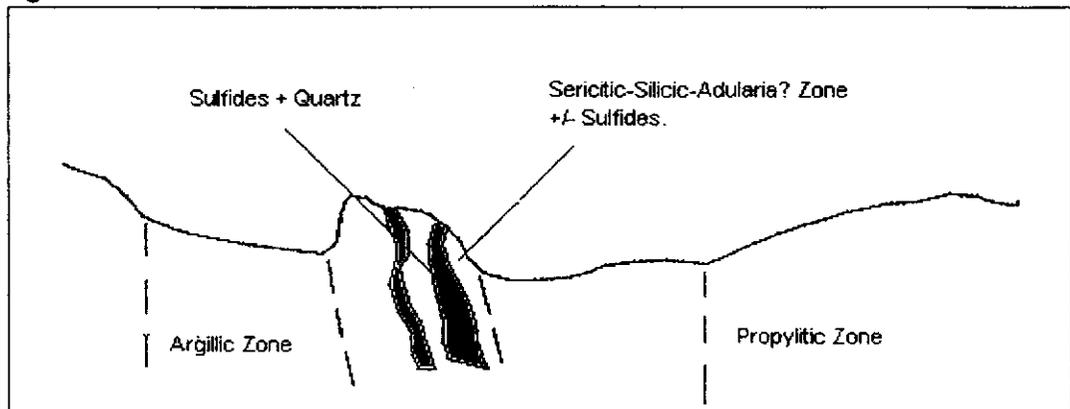
Alteration characteristics indicate an adularia-sericite type epithermal system.

Locally, the dacitic lapilli tuff exhibits selective chlorite-calcite alteration, characteristic of propylitic zonation.

Enveloping the mineralized fissures, an erosionally recessive bleached zone is commonly present ranging from 2-10 meters width, and displays weak to moderate selective argillic alteration (montmorillonite-smectite-illite?) of clasts and matrix. There is an absence of mafic minerals.

The veins are characterized by a relatively resistant pale yellow-green to cream coloured rock consisting of moderate to strong pervasive sericitization with weak to moderate silicic patches ± hairline quartz veinlets. Petrographic studies are necessary to determine the presence of adularia alteration. Sulfides/sulfosalts are occasionally disseminated within this sericite-altered zone. Vein width varies from a few centimeters to over 4 meters, with the principal structures commonly ranging from 0.3 to 1.5 meters width.

Figure 5 Sketch of Alteration / Mineralization Characteristics



Hosted within the sericite-altered rock are subparallel veinlets of semi-massive sulfides/sulfosalts + quartz, ranging from less than 1 centimeter up to 10 cm width. Mineralization consists of pyrite-arsenopyrite ± argentiferous galena, acanthite, silver

sulfosalts (freibergite, proustite, pyrargyrite), chalcopyrite and sphalerite. Secondary minerals limonite, jarosite and hematite ± malachite and azurite are not uncommon in surface showings (Figure 5).

4. TRENCHES

Eight trenches totaling 47 meters were excavated by hand and dynamite during the period of surface geologic studies between June 23 and July 13. Personnel involved in the completion of this work included: Tom Morgan, Mike Glynn, David Gatensby, Jock Shepherd and Douglas John.

Six trenches were excavated across the Connie vein, ranging from 2 to 7 meters length, and the other two are located adjacent to the North Fault (7 and 13 meters length), all in areas covered by talus or of limited outcrop exposure. All trenches are plotted on the geology map (Figure 4). Excavations were no larger than 2 meters width by 1.5 meters depth, with the total volume of material moved estimated at less than 140 cubic meters, of which most consisted of talus.

All trenches were chip sampled, of which the results will be discussed under Rock Geochemistry.

5. ROCK GEOCHEMISTRY

Ninety-nine rock samples numbered 197001-099 were collected, with analysis performed by ACME Analytical Laboratories Ltd. of Vancouver, BC. All samples underwent a 32 element ICP analysis and gold fire assay, with those containing over-limit silver values (>30 ppm) re-analyzed by fire assay-atomic absorption methods. The sample preparation procedure is described on the analysis certificates (Appendix II).

Samples were collected from all veins, altered wallrock, and selected portions of unaltered rock between mineralized structures. Most samples were collected as continuous rock chips, although there are some grab samples. A sample location map prepared as an overlay to the geology map at 1:500 scale is included (Figure 6). Appendix I contains a list of all samples with descriptions, coordinates, sample type, and associated silver and gold contents included.

Results indicate that enriched silver-gold concentrations are limited to vein material (sericite-quartz altered zones), with argillic-altered wallrock and unaltered rock carrying background values. Pervasive limonite-altered samples collected from the trenched zone along the North Fault contain less than 1 oz/ton silver.

Analysis results of samples collected from the six trenches excavated across the Connie vein range from 1 to 155 oz/ton silver, with gold values not greater than 0.3

grams/tonne. The highest values were encountered on the north slope near the ridge top and in the southernmost exposure on the south slope. The northernmost exposure recorded less than 1 oz/ton silver.

The 20 cm chip sample collected from the Steve vein returned a value of 100 oz/ton silver and 0.7 grams/tonne gold. A few samples north of the North Fault collected from narrow mineralized structures trending roughly subparallel to the Steve vein contain high-grade silver and elevated gold values (numbers 197082, 084, 099).

Analysis results of samples from the four minor veins are as follows:

- The Brian vein recorded values of 60 to 70 oz/ton silver and <.3 grams/tonne gold across 0.9 meters vein width. This structure has a potential surface strike length of 7 meters.
- Values from the Tom vein are 80 to 159 oz/ton silver and 0.3 grams/tonne gold across an average width of 1.1 meters, with a potential mineralized strike length of 20 meters.
- The Mike vein values range from 1 to 35 oz/ton silver and up to 1.1 grams/tonne gold across a 1 meter width and a limited strike length of less than 10 meters.
- Dave vein values are 10 to 13 oz/ton silver and 0.5 to 1.6 grams/tonne gold across a width of less than 0.5 meters. Strike length does not exceed 5 meters.

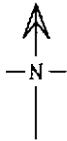
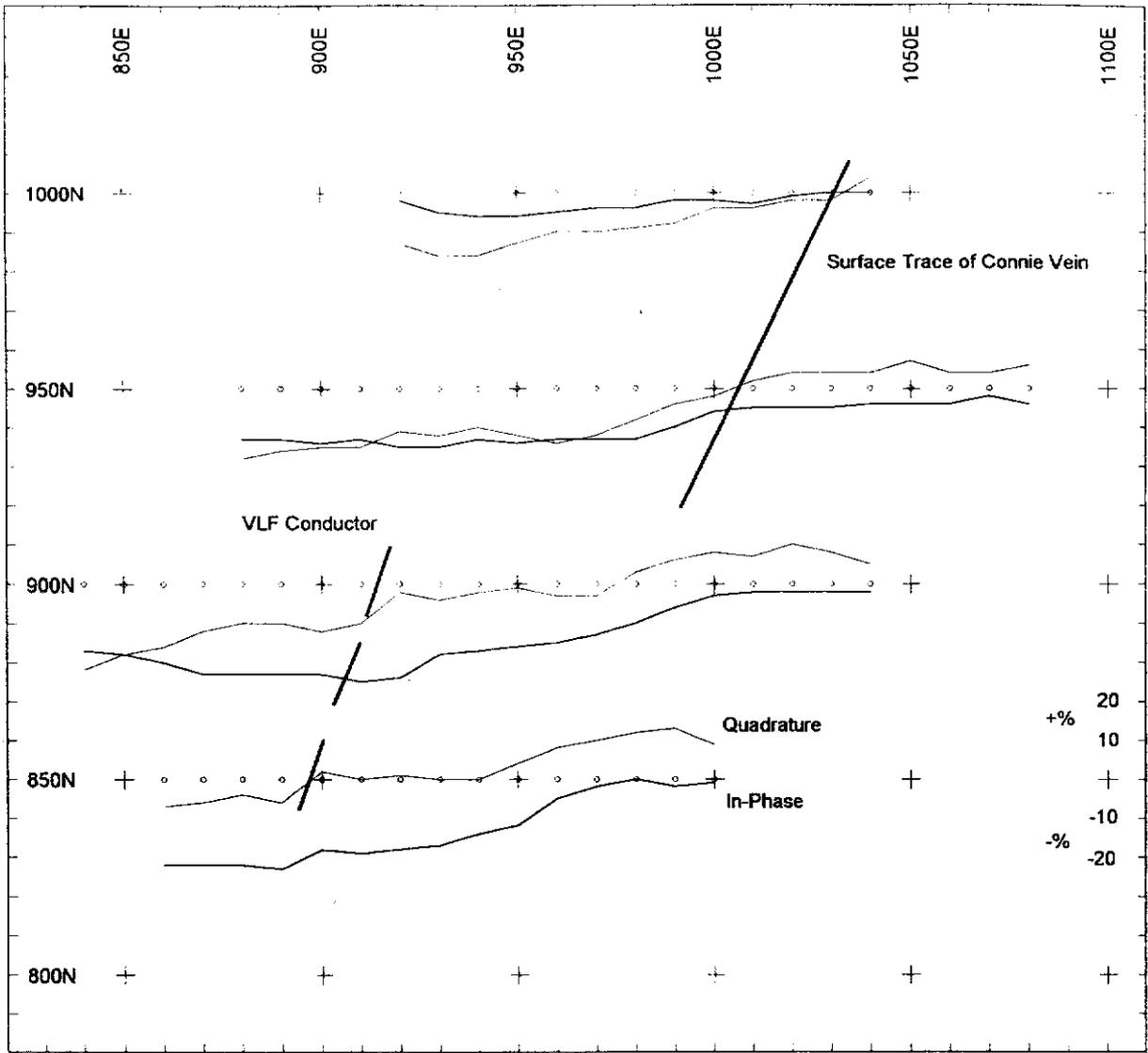
6. GEOPHYSICS

The ground magnetic and VLF-EM surveys of relatively small aerial extent were only conducted over the talus-covered southern slope of the area of interest, delimited by the extremely rugged terrain which envelopes the talus area and occupies the north side of the ridge. The surveys were conducted on June 27 to 29 across a survey grid totaling 680 line meters and 70 stations. Instrument readings were recorded at 10 meter intervals.

6.1 VLF Survey

The survey was completed using a Geonics EM16 VLF-EM instrument rented from Amerok Geosciences Ltd. of Whitehorse. It measures the in-phase and quadrature-phase components of the vertical magnetic field as a percentage of the horizontal primary field. The VLF transmitting station used was NLK Seattle, Washington (operating frequency 24.8 kHz), which is roughly south of and along strike of the observed mineralized structures. All instrument readings along the east-west surveys lines were taken while facing west. The data is listed in Appendix III

A very weak conductivity response was detected across lines 850N and 900N, trending subparallel to the strike of the Connie vein (Figure 7a). No significant structures were observed in the limited outcrop exposure proximal to this conductor. The survey did not detect the Connie vein on line 950N, however it may have detected the structure at the east end of line 1000N.



VLF Transmitter: NLK Seattle, Wash.
 Instrument Readings: Facing West

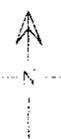
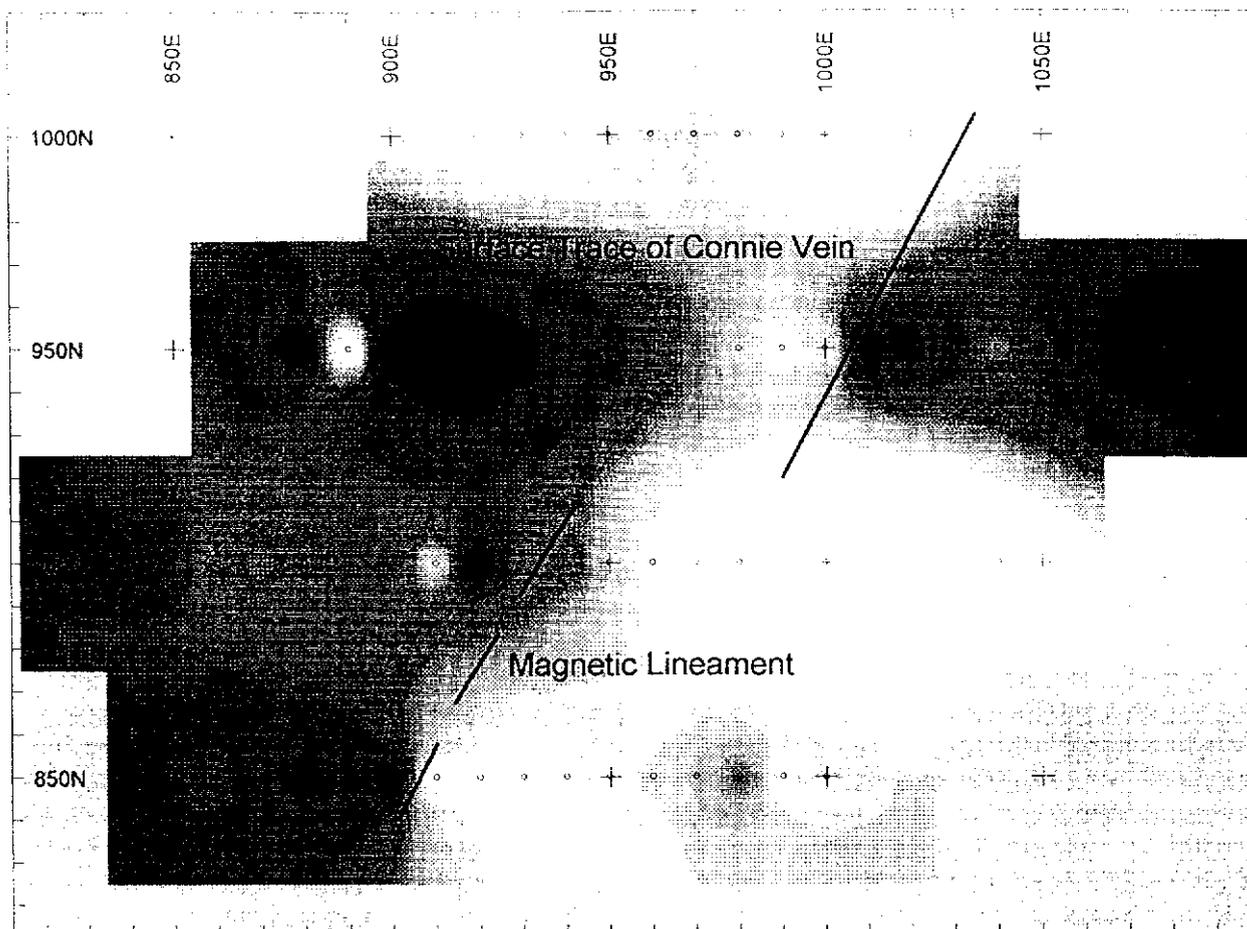
TIBERON MINRALS LTD.
RUBY PROPERTY, YT
VLF PROFILES - SOUTH SLOPE

GEO: BM
 DRAWN: BM

Sept. 1999

REPORT:
 FIGURE: 7a





**BEST ATTAINABLE
IMAGE**

**TIBERON MINRALS LTD.
RUBY PROPERTY, YT
TOTAL FIELD MAGNETICS
SOUTH SLOPE**



GEO BM
DRAWN BM

Sept 1999

REPORT
FIGURE 7b

There are many factors which impeded the detectability of VLF conductors in the area, namely a very restricted survey area, steep topographic gradient, and apparent low concentration of sulfides in the target structures. The only conclusions that can be made regarding this survey is that no strong conductors were detected.

6.2 Ground Magnetic Survey

The survey was completed using a Geometrics G-816 portable proton magnetometer rented from Amerok, which measures the total magnetic field intensity with an accuracy of ± 1 gamma. The instrument was tuned to a local field intensity of 56 kilogammas to obtain a signal strength of 8. Signal to noise ratio was determined to be 5:1 during the period of survey. Because no base station was used, two of the lines were surveyed twice to enable an adjustment of the data due to diurnal fluctuation, which was not greater than 30 gammas. Adjusted data is listed in Appendix IV. The data was not filtered in any other way. Instrument readings were collected using an eight foot high staff-mounted sensor. The maximum measured magnetic relief is 762 gammas (57118-57880).

Results of the survey exhibit a northeast trending lineament separating an eastern magnetic high from a western low, roughly in the same location as the weak VLF conductor (Figure 7b). It is subparallel to the Connie vein, and appears to be offset to the west. The single point magnetic high on line 950N overlies the outcropping magnetite-bearing diabase dike, which strikes northeast. The magnetics show no apparent relationship with the surface trace of the Connie vein. A shortfall of this survey is its restricted size of investigation.

7. DIAMOND DRILLING

A short drill program was initiated, based on the positive results of surface mapping and rock geochemistry. The objective was to test the Connie and Steve veins at depth for precious metal concentrations and vein width. The other veins were considered low priority targets and were not tested during this limited round of drilling.

A four hole program (RUD 99-01 to 04) totaling 415.91 meters of NQ/HQ core diameter was completed in August by E. Caron Diamond Drilling Ltd. of Whitehorse. Drill pads were prepared by drilling and blasting. Helicopter support for drill moves, crew changes, etc. was supplied by Trans North Air of Whitehorse.

All core was logged by project geologist B. Meyer, with zones of interest split manually using a Longyear core splitter. Samples were analyzed by ACME Analytical Laboratories of Vancouver, utilizing the same method as was incorporated for rock geochemistry. Drill logs and geochemical analysis certificates are included in Appendices V and VI. Drill locations are plotted on Figure 8 at 1:500 scale (overlay to the geology map). Figures 9 to 12 comprise individual drill profiles, and Figures 13 to 15 are cross-sections incorporating all drill holes.

7.1 RUD 99-01

The first hole was collared on the ridge and inclined at $-55^{\circ}/090^{\circ}$ azimuth, and drilled to a depth of 91.14 meters, with the objective of intersecting the Connie vein. The vein was encountered at an elevation of approximately 1965 meters above sea level within a wide zone of argillic-altered dacitic lapilli tuff, and consists of two closely spaced fissures characterized by strong pervasive sericite alteration and thin quartz veinlets hosting clusters and disseminations of sulfides/sulfosalts plus varying amounts of limonite-jarosite. Intervals with elevated silver-gold values are listed below.

Table 5. Mineralized Intervals of RUD 99-01

Drill Interval meters	Width meters	Approx. True Width (m)	Silver oz/ton	Gold g/tonne	Other
68.75-79.25	10.50	6.5	6.17	0.71	
incl. 70.75-75.45	4.7	3.6	11.60	1.35	
incl. 70.75-72.00	1.25	1.0	22.73	2.4	1.02% Pb
incl. 74.30-75.45	1.15	0.9	20.58	2.72	
incl. 74.30-76.00	1.70	1.4	14.96	2.15	

7.2 RUD 99-02

The second hole was collared on the south slope at $-55^{\circ}/090^{\circ}$ azimuth, to the west of an outcrop of the Connie vein which recorded 100 oz/ton silver across 2 meters. The vein was intersected at 31.95-34.15 meters drill depth (approximately 1945 masl), and consists of moderate pervasive sericite-altered lapilli tuff with very thin limonite/quartz/sulfide veinlets, plus sulfide/sulfosalt clusters and microlenses. The hangingwall is composed of a thick weak argillic-altered wallrock, and the footwall is a combination of volcanics and thin aplite dikes hosting traces of mineralization. The structure dips 70° west, the same as measured on surface. Total depth of this hole is 63.86 meters. The mineralized intervals are listed below.

Table 6. Mineralized Intervals of RUD 99-02

Drill Interval meters	Width meters	Approx. True Width (m)	Silver oz/t	Gold g/tonne	Other
31.95-32.95	1.0	0.8	8.33	0.20	
32.95-34.15	1.20	1.0	0.80	0.02	

7.3 RUD 99-03

Hole three was collared on the north slope at 1943 masl, and oriented at $-55^{\circ}/250^{\circ}$ azimuth, with the objective of intersecting the Steve vein at depth. Two intervals hosting thin limonite or sulfide veinlets were intersected (sample #s 197220, 225), however the target vein was not apparent. Structures intersected proximal to the projected Steve vein intercept include: a series of thin limonite-jarosite-calcite-pyrite veinlets at 71.25-71.58 meters, and mineralized lapilli agglomerate at 96.20-101.7 meters, containing 1-2% pyrite-galena-sphalerite-chalcopyrite clusters and

discontinuous microlenses within the matrix. No argillic-altered zones were observed in this hole, which was drilled to a depth of 121.31 meters. Pertinent results are listed in the table below.

Table 7. Mineralized Intervals of RUD 99-03

Drill Interval meters	Width meters	Approx. True Width (m)	Silver (oz/t)	Gold (g/t)	Other
36.10-36.40	0.30	0.2	13.58	3.01	0.47% Pb 0.40% Zn
49.60-49.90	0.30	0.2	5.13	0.20	0.71% Pb
71.25-71.58	0.33	0.2	5 ppm	---	0.24% Zn
96.20-97.60	1.40	1.1	21.3 ppm	---	0.22% Zn 0.19% Pb
98.30-99.60	1.30	1.0	14.5 ppm	---	0.11% Pb 0.10% Zn

7.4 RUD 99-04

Hole four was collared from the same location and at the same bearing as hole number three, but with a steeper dip of -70° . The purpose was to test for mineralized structures and in particular the Steve vein, at a deeper level within the epithermal system. No structures were encountered except for a series of thin quartz-limonite veinlets within a one meter interval at 89.20-90.25 meters, plus a few zones of calcite veinlets and a thin aplite dike in the lower part of the hole. No geochemical values above background were encountered from analyzed samples except for arsenic and manganese.

8. SUMMARY AND DISCUSSION

Results of the Phase I surface exploration and Phase II drill program are as follows:

- i) Six high-grade silver-gold veins have been delineated on surface, with values generally ranging between 35 and 150 oz/ton silver and 0.5 to 1 grams/tonne gold. Vein widths vary from 0.2 to nearly 6 meters and average about 1 meter. Only the Steve and Connie veins exhibit strike lengths in excess of 45 meters, and because of a limited drilling budget, were the only two structures investigated by subsurface methods. The lower priority veins (Brian, Tom, Mike and Dave) remain untested at depth.
- ii) The Connie vein returned values of 8 and 20 oz/ton silver, plus 0.2 and 2.5 grams/tonne gold from veins averaging one meter width from the two drill holes which were collared eighty meters apart. The northernmost hole intersected two closely spaced veins of similar widths with comparable concentrations. The vein was not tested at depth north of the ridge.

iii) The Steve vein is very poorly developed in drill hole three, containing elevated lead and zinc values and only very weak anomalous silver concentrations. The structure was not recognized at deeper levels in hole four.

Exploration results of the Steve and Connie veins indicate a sub-economic potential of the structures, however one must keep in mind that most of the Ruby property veins were not investigated at depth. There are no convincing observations regarding the logical placement of the Ruby structures with respect to vertical zonation of epithermal systems. Elevated base metal values at the base of the Steve vein suggest a bottom, while a barren chalcedony vein within the North fault indicates the opposite.

One characteristic common in all veins is the relatively low percentage of hydrothermal quartz vein material within the sericite-altered zones, and which is intimately associated with semi-massive sulfide/sulfosalt mineralization. This suggests a low incidence of repeated fracturing and precipitation along permeability channels, which results in discontinuous or spotty mineralized zones.

Ruby property targets that remain to be explored by subsurface methods obviously include the veins originally classified as low priority, plus the steep-plunging apex at the intercept of the North and Ridge fault planes. The northern half of the Connie vein has not been sufficiently explored. Also warranted is the investigation of the geophysical interpreted structure on the south slope.

The investigated portion of the Ruby property represents a small fraction of the overall claim area. The apparent immaturity of the veins, with respect to precious metal continuity can be indicative of proximal, more highly developed systems within the district.

8.1 Recommendations

1. Conduct a reconnaissance mapping and sampling program over the unexplored portion of the property, preceded by satellite imagery studies of the district.
2. Carry out trenching and sampling of the ground magnetic and VLF interpreted structure.
3. If positive results are obtained from the above recommended programs, and drilling is warranted, one drill hole should be planned to intersect the Brian, Tom, Mike and Dave veins as well as the apex of the North and Ridge fault planes.

8.2 Proposed Cost Expenditures

The following costs are based on a ten day field program of reconnaissance activities, plus five days preparation and five days data compilation and report writing:

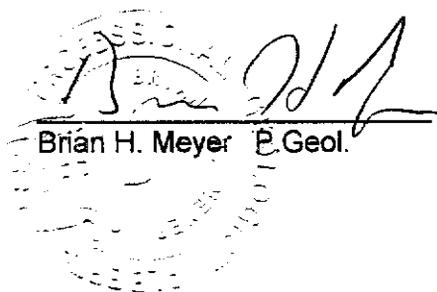
Commercial (hotel, meals, airfare, taxis):		2,000.
Camp costs:	20 mandays @ 35/day	700.
Helicopter:	25 hrs @ 950/hr	23,750.
Geologist:	20 days @ 400./day	8,000.
Assistant:	10 days @ 175/day	1,750.
Geochemistry:	100samples @ 25/sample	2,500.
Camp equipment/supplies:		3,000.
Satellite imagery:		5,000.
Drafting:		500.
Communications:		1,000.
Shipping:		500.
Administration:		<u>1,000.</u>
Subtotal:		49,700.
Contingency (10%):		<u>1,000.</u>
Total:		CAN\$ 50,700.

AUTHOR'S STATEMENT OF QUALIFICATIONS

I, Brian H. Meyer, of the city of Burnaby in the province of British Columbia do hereby certify that:

- 1) I am a Professional Geologist registered with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
- 2) I am a graduate of the University of Alberta (1979) with a B.Sc. degree in geology.
- 3) I have practiced my profession as a geologist since graduation in 1979.
- 4) This report is based on a personal examination of the **Ruby Property** from **June 22, 1999 to August 18, 1999** and from a review of previous reports and published information.
- 5) I have no interest, directly or indirectly, nor do I expect to receive any interest, directly or indirectly in the Ruby Property, or any other property of Tiberon Minerals Ltd. or any affiliate, nor do I beneficially own, directly or indirectly, any securities of Tiberon Minerals Ltd. or any affiliate.

Dated this thirtieth day of September, 1999.



Brian H. Meyer P. Geol.

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APPENDIX I

RUBY PROPERTY - ROCK SAMPLES / DESCRIPTIONS

RUBY PROJECT - ROCK SAMPLES/DESCRIPTIONS

Sample Number	UTM Northing	UTM Easting	Sample Type	Description	Silver ppm	Silver oz/t	Gold ppb
197001	6,652,139	484,407	1.0 m chip	Bleached argillic-altered dacite lapilli tuff wallrock east side of Tom Vein.		0.10	-34
197002	6,652,139	484,406	0.7 m chip	Tom Vein. East half of vein/sericite-silicic alteration. Includes quartz + semi-massive arsenopyrite-galena-silver sulfosalts veinlets and disseminated mineralization.		82.49	411
197003	6,652,139	484,405	0.7 m chip	Tom Vein. West half of vein/sericite-silicic alteration. As above.		158.72	479
197004	6,652,139	484,404	1.0 m chip	Bleached argillic-altered wallrock west side of Tom Vein.		0.15	-34
197005	6,652,124	484,415	0.7 m chip	Bleached argillic-altered wallrock east side of Brian Vein. Densely fractured with disseminated arsenopyrite-galena-silver sulfosalts.		3.55	-34
197006	6,652,124	484,414	1.0 m chip	Brian Vein. Subparallel veinlets of quartz + semi-massive arsenopyrite-galena-silver sulfosalts within moderate pervasive sericite-silicic altered and sulfide disseminated pale grey-yellow-green dacite lapilli tuff.		59.80	240
197007	6,652,124	484,413	0.7 m chip	Bleached argillic-altered wallrock west side of Brian Vein. Dense fractures, hematitic, with minor quartz + sulfides-sulfosalts stringers.		0.14	-34
197008	6,652,124	484,412	0.7 m chip	Bleached argillic-altered wallrock west of and adjacent to sample 007.		0.20	-34
197009	6,652,117	484,484	2.0 m chip	Dacite lapilli-tuff. Light grey-green, densely welded, slight waxy texture, moderate fracture density with limonite surfaces, weak selective clay-chlorite alteration (argillic).	8.2		2
197010	6,652,117	484,482	0.9 m. chip	Orange colored argillic-altered dacite lapilli tuff wallrock east/footwall side of Connie Vein. Densely fractured with moderate-strong pervasive limonite + coatings.	12.0		-2
197011	6,652,116	484,481	1.4 m. chip	Connie Vein. S170/70W Pale yellow-grey-green moderate pervasive sericitic-silicic altered dacite lapilli tuff with thin (0.1-4.0 cm) subparallel semi-massive arsenopyrite-galena-silver sulfosalts (pyrargyrite-proustite-freibergite etc?)-pyrite + quartz veinlets subparallel to vein orientation plus disseminated mineralization.		154.90	338
197012	6,652,116	484,480	2.0 m. chip	Bleached weak argillic-altered wallrock (hangingwall of Connie Vein) with few thin (10 cm) zones of patchy moderate limonitization containing 1-2% disseminated sulfide-silver sulfosalt mineralization, densely fractured.	2.0		-2
197013	6,652,123	484,482	0.55 m chip	Bleached/orange argillic-altered wallrock-footwall of Connie Vein. Densely fractured with moderate-strong limonitized surfaces.		1.15	5
197014	6,652,123	484,481	2.15 m. chip	Connie Vein. S0/55W Pale yellow-grey-green moderate pervasive sericitic-silicic altered dacite lapilli tuff with thin subparallel semi-massive arsenopyrite-galena-silver sulfosalts (pyrargyrite-proustite-freibergite etc?)-pyrite + quartz veinlets and minor disseminations.		26.45	77
197015	6,652,123	484,479	0.4 m. chip	Bleached/orange argillic-altered wallrock-hangingwall of Connie Vein. Densely fractured with moderate-strong limonitized surfaces.	24.5		-2
197016	6,652,112	484,418	0.9 m. chip	Bleached/yellow-orange weak-moderate argillic-altered wallrock west side of (upper) Brian Vein. Densely fractured with moderate-strong jarosite-limonite on surfaces. Bounded to the west by the strike slip Ridge Fault S130/90	1.7		6
197017	6,652,113	484,119	1.2 m. chip	Brian Vein. S135/90 Subparallel veinlets of quartz + semi-massive arsenopyrite-galena-silver sulfosalts within moderate pervasive sericite-silicic altered and disseminated-sulfide bearing pale grey-yellow-green dacite lapilli tuff.		0.89	80
197018	6,652,114	484,420	0.9 m. chip	Bleached-pale grey green argillic-altered wallrock on east side of Brian Vein. Densely fractured with weak-moderate limonite on surfaces.	6.7		7
197019	6,652,115	484,421	2.0 m. chip	Dacite lapilli-tuff. Light grey-green, densely welded, slight waxy texture, moderate fracture density with limonite surfaces, weak selective chlorite-calcite alteration (propylitic).	1.7		-2
197020	6,652,122	484,418	2.0 m. chip	Dacite lapilli tuff. Light grey-green, densely welded, slight waxy texture, densely fractured with moderate limonitic surfaces, weak selective chlorite-calcite (propylitic) alteration.	0.7		-2
197021	6,652,122	484,416	2.0 m. chip	Bleached, argillic-altered wallrock east side of Brian Vein. Densely fractured with moderate limonitic surfaces.	1.7		6
197022	6,652,122	484,415	0.8 m. chip	Brian Vein. S175/85E. Pale grey-green, moderate pervasive sericitic-silicic altered dacite lapilli tuff, subparallel veinlets of quartz + semi-massive arsenopyrite-galena-silver sulfosalts and disseminations.		71.73	264
197023	6,652,121	484,414	1.0 m. chip	Pale-light grey weak argillic-altered wallrock west side of Brian Vein. Densely fractured with moderate limonitic surfaces and calcite fillings.	5.9		3
197024	6,652,121	484,413	2.0 m. chip	Light grey dacite lapilli tuff, weak-mod selective propylitic alteration (chlorite + calcite veinlets), waxy texture, minor limonite fracture surfaces	6.9		5
197025	6,652,121	484,411	1.1 m. chip	Strike-slip shear zone. S140/90. Bleached, argillic-altered, densely fractured with limonite-jarosite surfaces, minor arsenopyrite-pyrite veinlets and disseminations. West side of fault is white lapilli tuff with significant increase in lapilli content.	7.8		14
197026	6,652,121	484,409	2.0 m. chip	White dacite lapilli tuff. Weak silicic alteration, abundant x-cutting red-brown hairline fractures (limonite or Mn oxide?), densely fractured.	1.3		5
197027	6,652,132	484,428	1.0 m. chip	Bleached argillic-altered dacite lapilli tuff. Includes 2 mm veinlet of sulfosalts S155/90.	15.7		6
197028	6,652,132	484,427	2.0 m. chip	Bleached argillic-altered dacite lapilli tuff, densely fractured with hematite-limonite surfaces.	2.0		2
197029	6,652,132	484,425	2.0 m. chip	Same as above.	1.0		2
197030	6,652,132	484,423	2.0 m. chip	Same as above.	0.8		-2
197031	6,652,132	484,421	1.6 m. chip	Same as above.	0.7		-2
197032	6,652,132	484,419	1.0 m. chip	Bleached argillic-altered wallrock east side of Brian Vein. Densely fractured with moderate limonitic surface coatings.	5.9		3
197033	6,652,132	484,418	0.4 m. chip	Brian Vein. S015/90. Pale grey, moderate silicic-sericitic altered dacite lapilli tuff, traces disseminated sulfosalts.	20.3		49

RUBY PROJECT - ROCK SAMPLES/DESCRIPTIONS

Sample Number	UTM Northing	UTM Easting	Sample Type	Description	Silver ppm	Silver oz/t	Gold ppb
197034	6,652,132	484,417	1.0 m. chip	Bleached argillic-altered wallrock west side of Brian Vein. Dense fractures with limonite-jarosite on surfaces.	11.8		9
197035	6,652,144	484,417	2.0 m. chip	Light grey-green dacite lapilli tuff, weak-moderate selective propylitic alteration, slight waxy texture, dense fractures with hematitic-limonitic surfaces.	1.4		2
197036	6,652,143	484,416	2.0 m. chip	Same as above. Trace calcite veinlets.	7.1		6
197037	6,652,142	484,414	2.0 m. chip	Bleached pale green-grey weak argillic-altered dacite lapilli tuff, densely fractured, spotty limonite common.	2.0		-2
197038	6,652,141	48,412	1.1 m. chip	Same as above + spotty hematite. One thin (1 cm) limonite veinlet.	2.1		-2
197039	6,652,141	484,411	0.5 m. chip	Vein (no name). S025/78E. Pale grey silicic-sericitic altered, with olive green patches (scorodite?), few thin (1 cm) veinlets of intense limonite-jarosite. Vein pinches and swells 10-50 cm.	7.8		10
197040	6,652,141	484,410	2.3 m. chip	Pale-light green-grey weak argillic-altered dacite lapilli tuff. Slight waxy texture, minor calcite veinlets, Densely fractured with trace limonitic surfaces.	2.2		-2
197041	6,652,140	484,408	2.5 m. chip	Same as above.	1.7		-2
197042	6,652,140	484,406	0.35 m chip	Bleached, argillic-altered wallrock east side of Tom Vein. Densely fractured, strong limonite-jarosite surfaces/spots. Same location as # 001.	2.4		-2
197043	6,652,140	484,405	0.9 m. chip	Tom Vein. S170/90. Pale grey-green moderate sericitic-silicic alteration, quartz + semi-massive arsenopyrite-galena-sulfosalt veinlets subparallel to strike + disseminations. Same location as samples 002 & 003.		80.66	264
197044	6,652,140	484,404	0.7 m. chip	Bleached, moderate argillic-altered wallrock west side of Tom Vein. Patchy jarosite-hematite-limonite.	19.7		8
197045	6,652,139	484,398	2.0 m. chip	Bleached pale-light grey argillic-altered dacite lapilli tuff, densely fractured with strong orange limonite on surfaces, 7 cm vein S160/70W with minor sulfides near east edge.		1.00	22
197046	6,652,139	484,396	0.9 m. chip	Bleached pale grey argillic-altered wallrock on east side of Mike Vein. Dense fractures with limonite on surfaces. Includes 2 thin veinlets (<2 cm) S170/90 & S145/78W		0.84	49
197047	6,652,139	484,395	0.35 m chip	Mike Vein. S155/90. Pale grey, moderate sericitic-silicic altered, minor jarosite patches and trace disseminated sulfides.		3.22	90
197048	6,652,142	484,395	0.9 m. chip	Mike Vein. S000/80W. Pale grey, moderate sericitic-silicic altered, thin quartz + semi-massive arsenopyrite-galena-silver sulfosalt veinlets.		35.41	1151
197049	6,652,150	484,384	0.15 m chip	Dave Vein. S170/75W. Pale grey sericitic-silicic altered, abundant very fine grained arsenopyrite-galena-sulfosalt clusters-smears.		10.53	1662
197050	6,652,156	484,379	1.45 m chip	North Fault Vein. Consists of 2-15 cm-wide branching chalcidony veins + moderate silicified wallrock. Adjacent to limonitic fault gouge.		7.06	139
197051	6,652,157	484,378	0.7 m. chip	North Fault Vein. S050/63S(?) Intense orange clay- limonite fault gouge. Adjacent to above sample.	8.1		8
197052	6,652,155	484,384	0.5 m. chip	Dave Vein. S010/78W. Pale grey sericitic-silicic altered, few thin quartz + arsenopyrite-galena-sulfosalt veinlets. Terminates against North Fault.		13.30	496
197053	6,652,140	484,403	2.0 m. chip	Bleached argillic-weak silicic altered pale-light grey dacite lapilli tuff, minor x-cutting hairline quartz veinlets.	1.0		19
197054	6,652,140	484,402	2.0 m. chip	Bleached pale-light green-grey argillic-altered + weakly chloritic, dense fractures with limonite surfaces, few thin silicified structures with MnO.	2.3		3
197055	6,652,139	484,400	2.0 m. chip	Same as above.	1.7		6
197056	6,652,139	484,399	1.0 m. chip	Same as above. Few thin quartz-calcite veinlets (2-5 mm) + subparallel hairline quartz veinlets, occasional quartz lens 20x5 cm with 2-5% sulfide-sulfosalt disseminations.	6.8		15
197057	6,652,142	484,394	0.3 m. chip	Argillic-altered wallrock west side of Mike Vein (#048). Dense fractures with strong limonite-jarosite on surfaces + abundant spotty limonite.	3.4		5
197058	6,652,142	484,393	2.0 m. chip	Light green-grey argillic + weak selective chlorite-altered dacite lapilli tuff, dense fractures with moderate limonite on surfaces.	1.5		2
197059	6,652,143	484,392	2.0 m. chip	Same as above, trace calcite veinlets, trace thin quartz stringers with disseminated pyrite-arsenopyrite, weak jarosite-limonite on fracture surfaces.	1.5		2
197060	6,652,144	484,390	2.0 m. chip	Light grey weak selective propylitic altered dacite lapilli tuff, spotty limonite-jarosite common, dense fractures, scattered sparse disseminated pyrite-chalcopyrite(?).	0.6		2
197061	6,652,145	484,388	2.0 m. chip	Same as above.	0.7		-2
197062	6,652,146	484,387	2.0 m. chip	Same as above, trace very fine grained disseminated pyrite-arsenopyrite.	1.0		-2
197063	6,652,151	484,385	2.0 m. chip	Pale-light green-grey weak argillic + weak selective chlorite-altered dacite lapilli tuff, trace disseminated pyrite, densely fractured with weak spotty hematite-patchy limonite.	1.5		-2
197064	6,652,151	484,383	1.4 m. chip	Bleached pale green-grey argillic-altered, plus 2 10-cm wide veins S170/85W consisting of sericitic-silicic alteration + scattered clusters of sulfides-sulfosalts densely fractured, spotty limonite common.	2.9		17
197065	6,652,151	484,382	2.0 m. chip	Pale-light green-grey weak argillic + weak selective chlorite-altered dacite lapilli tuff, trace disseminated pyrite, few hairline limonite veinlets, densely fractured with weak spotty hematite-patchy limonite.	9.1		12

RUBY PROJECT - ROCK SAMPLES/DESCRIPTIONS

Sample Number	UTM Northing	UTM Easting	Sample Type	Description	Silver ppm	Silver oz/t	Gold ppb
197066	6,652,152	484,381	2.0 m. chip	Same as above.	1.7		4
197067	6,652,154	484,380	2.0 m. chip	Same as above.	1.7		2
197068	6,652,158	484,378	1.0 m. chip	Footwall of North Fault gouge zone (adjacent to #051), clay-altered, densely fractured with black MnO surface coatings.	6.4		-2
197069	6,652,156	484,385	1.2 m. chip	Mike Vein. S160/90. Pale green-grey sericitic-silicic altered, trace thin quartz veinlets with limonite boxworks, spotty-patchy limonite-jarosite, patchy scorodite(?), northern extent terminates at North Fault.	11.2		48
197070	6,652,156	484,387	1.5 m. chip	Pale grey argillic-altered, waxy, abundant spotty limonite-jarosite-hematite, thin 5 cm wide vein of sericitic-silicic alteration 1-2% clusters of arsenopyrite-galena-sulfosalts.	3.4		32
197071	6,652,156	484,388	1.5 m. chip	Same as above. One 5 cm vein as above with no visible sulfides.	2.2		10
197072	6,652,156	484,390	2.0 m. chip	Same as above. 10 cm wide vein contains sulfide and sulfosalt clusters.	4.0		40
197073	6,652,159	484,402	1.5 m. chip	Bleached argillic-altered dacite lapilli tuff, waxy, abundant spotty limonite.	3.2		2
197074	6,652,159	484,403	1.0 m. chip	Same as above. 10 cm wide vein S175/90 with no sulfides observed.	9.4		3
197075	6,652,159	484,397	grab	North Fault gouge zone. Strong pervasive clay and moderate limonite alteration	6.0		-2
197076	6,652,159	484,397	grab	North Fault gouge zone. Pale grey-green chalcedony fragments.	1.2		3
197077	6,652,163	484,391	0.5 m. chip	Vein. Pale green-grey sericite-silicic altered + intense limonite-clay gouge (north side of North Fault)		27.80	190
197078	6,652,163	484,392	grab	Fault zone. 3 cm wide zone of intense limonite-clay gouge on splay off of North Fault.		0.85	23
197079	6,652,170	484,399	grab	Vein. Semi-massive arsenopyrite-galena-(pyrite) sample of 15 cm wide vein.		60.21	495
197080	6,652,168	484,400	0.8 m. chip	Vein. Sericite-silicic alteration + veinlets of quartz + semi-massive arsenopyrite-galena-pyrite.		57.39	519
197081	6,652,172	484,416	0.2 m. chip	Steve Vein. S160/90. Abundant veinlets of quartz + disseminated and semi-massive arsenopyrite-galena-sulfosalts-pyrite up to 5 cm wide		100.12	748
197082	6,652,174	484,438	0.6 m. chip	North 2 Vein. S160/90. Sericite-silicic alteration + narrow quartz veinlets with clusters of arsenopyrite-galena-sulfosalts.		9.15	511
197083	6,652,148	484,469	1.5 m. chip	Connie Vein. S165/70W. Sericite-silicic alteration + arsenopyrite-galena-pyrite-sulfosalt disseminations.		0.89	78
197084	6,652,185	484,419	0.15 m. chip	Vein. S165/90. Sericite-silicic alteration + narrow quartz veinlets of sulfides-sulfosalts. Vein is proximal and subparallel to Steve Vein.		142.33	5734
197085	6,652,095	484,479	1.5 m. chip	(trench) Bleached argillic altered dacite lapilli tuff, dense fractures with limonite +/- calcite, quartz in hairline fillings, 2 1-cm wide jarosite-limonite-clay veinlets.	24.2		13
197086	6,652,095	484,478	0.25 m. chip	(trench) Jarosite-clay gouge with bleached rock fragments. S055/90.		1.06	13
197087	6,652,096	484,477	2.0 m. chip	(trench) Bleached, argillic altered, densely fractured with hairline limonite +/- calcite, quartz veinlets.	5.3		-2
197088	6,652,097	484,475	2.0 m. chip	(trench) Same as above.	5.9		-2
197089	6,652,022	484,438	1.0 m. chip	Pale grey bleached wallrock, weak-moderate silicic-altered, spotty-patchy limonite-hematite, dense fractures with minor MnO on surfaces.		1.37	5
197090	6,652,022	484,437	2.0 m. chip	Connie Vein. Orientation? Pale grey, moderate pervasive silicic alteration, moderate-strong patchy sericite, hairline quartz veinlets, some up to 1 cm +/- jarosite common, few bands of weak silicic wallrock, dense fractures with patchy weak limonite-jarosite coatings.		4.29	45
197091	6,652,022	484,435	2.0 m. chip	Connie Vein. S015/80W-80E. Adjacent to above sample. Same as above. Few quartz veinlets up to .5 cm with abundant sulfides-jarosite-limonite-scorodite mineralization, sericitic-silicic part contains patches of disseminated sulfides, densely fractured.		100.16	186
197092	6,652,020	484,434	1.0 m. chip	Pale grey wallrock lens(?) within Connie Vein (same location as above), dark red hematite-MnO weathered surface, weak pervasive silicic alteration, densely fractured with limonite-hematite-MnO on surfaces.		2.05	7
197093	6,652,020	484,433	1.8 m. chip	Connie Vein. S025/65W. Same location as above. Overall vein width is 5.8 m. Minor quartz-sulfide veinlets within pale grey-yellow moderate pervasive silicic-sericitic altered rock, scattered patches with disseminated sulfides, moderately fractured.		19.24	136
197094	6,652,008	484,424	2.0 m. chip	Wallrock east side of Connie Vein, pale grey, weak pervasive silicic groundmass, moderately welded with sericite-argillic altered fiamme,		0.89	100
197095	6,652,009	484,422	0.7 m. chip	Connie Vein. S025/65W. Pale grey, moderate pervasive silicic-sericitic alteration, few quartz veinlets with sulfides. Vein exposures in this area are discontinuous, with various orientations, and pinch and swells significantly.		1.69	100
197096	6,652,011	484,419	0.7 m. chip	Vein. S030/90. Splay of Connie Vein? Pale grey, moderate silicic-sericitic pervasive alteration, few quartz-arsenopyrite-galena-pyrite-sulfosalt veinlets, abundant spotty-patchy limonite-jarosite.	13.9		45
197097	6,651,975	484,435	1.4 m. chip	Bleached, weak pervasive silicic-sericitic alteration, S030/90, dense fractured with strong hematite-limonite-(jarosite) on surfaces.	19.9		73
197098	6,651,953	484,403	0.5 m. grab	Same as above.	13.7		5
197099	6,652,206	484,432	grab	Vein. S015/75 E. 5 cm width, semi-massive arsenopyrite-galena adjacent to left lateral strike slip fault (S030/60E rake 50S).		79.05	7434

APPENDIX II

RUBY PROPERTY - ROCK GEOCHEMICAL ANALYSIS CERTIFICATES



GEOCHEMICAL ANALYSIS CERTIFICATE

Tiberon Minerals Ltd. PROJECT RUBY File # 9902001

950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2 Submitted by: Steven F. Dudka

Sample #	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Ag**	Au**		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	oz/t	oz/t		
97001	7	113	31	969	2.6	<1	9	1202	4.06	478	<8	<2	5	26	4.6	7	<3	7	.09	.085	23	<1	.04	819	<.01	<3	.70	.01	.20	2	<5	<1	.10	<.001	
97002	7	138	10098	326	206.7	<1	<1	37	4.24	12720	<8	<2	4	64	2.8	311	<3	3	.05	.072	16	<1	.02	132	<.01	<3	.37	.05	.59	3	<5	1	82	49	.012
97003	8	408	10530	446	227.4	2	<1	60	6.39	46981	<8	<2	5	31	10.3	817	<3	4	.05	.067	13	<1	.02	86	<.01	<3	.45	.04	.62	7	<5	1	158	.72	.014
97004	5	78	50	1621	7.2	<1	4	1495	4.29	119	<8	<2	5	33	21.3	6	<3	9	.17	.087	31	<1	.06	135	<.01	<3	.84	.02	.21	?	<5	<1	15	<.001	
97005	4	37	129	1245	74.6	<1	4	1491	3.87	1686	<8	<2	3	29	7.4	9	<3	4	.08	.086	25	<1	.04	654	<.01	<3	.76	.02	.35	2	<5	<1	3.55	<.001	
97006	8	173	11266	2317	214.9	2	<1	59	6.52	66011	<8	<2	3	24	41.0	385	<3	3	.05	.048	6	3	.02	25	<.01	<3	.40	.01	.48	19	<5	2	59	.80	.007
D 197006	7	167	11085	2263	213.7	2	<1	57	6.31	65475	<8	<2	3	24	40.1	381	<3	3	.05	.046	6	1	.02	40	<.01	<3	.38	.01	.47	20	<5	2	58	.49	.008
97007	3	27	79	1002	4.0	<1	8	2340	4.51	348	<8	<2	3	36	6.6	9	<3	4	.17	.093	26	<1	.03	136	<.01	<3	.85	.01	.33	2	<5	1	14	<.001	
97008	3	45	98	955	7.0	2	5	1949	4.04	271	11	<2	4	50	6.0	7	<3	5	1.63	.085	27	<1	.16	197	<.01	<3	.66	.02	.30	4	<5	<1	20	<.001	
WEIN HI GRADE	3	1786	13159	742	242.7	<1	<1	39	12.33	99999	<8	<2	3	9	48.5	1888	<3	3	.03	.018	3	13	.01	46	.01	<3	.14	.04	.30	2	<5	<1	436	.87	.034
STANDARD C3/R-1/AU-1	26	65	44	165	5.9	37	12	781	3.44	62	16	3	21	29	23.5	22	27	83	.57	.087	19	174	.63	159	.10	22	1.95	.05	.17	15	<5	1	2.98	.097	
STANDARD G-2	1	<1	7	41	.6	9	4	545	2.11	<2	13	<2	4	73	<.2	<3	9	43	.66	.097	9	79	.61	216	.14	<3	.99	.08	.48	2	<5	1	<.01	<.001	

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 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 SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 2 1999 DATE REPORT MAILED: *July 7/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Assay recommended for Pb As > 1%



GEOCHEMICAL ANALYSIS CERTIFICATE



Tiberon Minerals Ltd. PROJECT RUBY File # 9902150 Page 1

950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppb	
D 197009	4	14	29	567	8.2	2	5	1015	4.12	32	<8	<2	4	42	8.2	<3	<3	12	1.64	.090	29	7	.22	208	.01	<3	1.09	.09	.20	2	<5	<1	2
D 197010	3	178	96	2544	12.0	2	4	652	4.45	468	<8	<2	5	83	29.6	5	<3	6	.29	.083	30	5	.03	457	<.01	<3	.94	.03	.31	2	<5	<1	<2
D 197011	2	336	9524	789	483.3	1	4	204	5.60	54779	<8	<2	3	31	35.8	874	<3	3	.11	.065	11	6	.02	164	<.01	<3	.43	.01	.43	<2	<5	<1	338
D 197012	3	14	14	370	2.0	2	5	993	3.96	14	<8	<2	3	41	3.8	<3	<3	15	1.37	.075	28	8	.36	215	.01	<3	1.30	.07	.15	2	<5	<1	<2
D 197013	5	91	93	1213	35.3	2	6	2135	4.21	571	<8	<2	4	40	8.7	8	<3	4	.17	.071	25	5	.04	308	<.01	<3	.84	.01	.31	<2	<5	<1	5
D 197014	4	101	1975	341	538.6	2	1	239	3.57	15798	<8	<2	3	20	10.8	128	<3	2	.13	.089	10	4	.02	203	<.01	<3	.35	.01	.53	3	<5	1	77
D 197015	4	498	350	2549	24.5	1	3	253	4.81	372	<8	<2	4	137	25.6	8	<3	8	.15	.089	22	4	.04	436	<.01	<3	1.30	.02	.43	<2	<5	<1	<2
D 197016	2	59	59	195	1.7	2	4	467	4.71	319	<8	<2	5	54	.5	<3	<3	6	.07	.068	22	6	.07	215	<.01	<3	.52	.01	.32	3	<5	<1	6
D 197017	5	14	155	81	31.3	2	1	47	2.10	7145	<8	<2	2	21	.6	17	3	1	.07	.073	10	6	.02	376	<.01	<3	.31	.03	.36	4	<5	<1	80
D 197018	4	15	76	326	6.7	3	8	408	4.13	907	<8	<2	3	22	2.8	<3	<3	3	.11	.086	22	7	.04	1699	<.01	<3	.66	.01	.39	<2	<5	1	7
D 197019	4	5	32	116	1.7	2	6	1505	4.17	29	<8	<2	3	25	.7	<3	<3	4	.42	.095	29	4	.15	622	<.01	<3	.65	.01	.36	2	<5	<1	<2
D 197020	3	4	17	86	.7	1	5	1042	3.63	17	<8	<2	3	40	.3	<3	<3	8	1.31	.080	30	5	.19	194	<.01	<3	.81	.06	.26	<2	<5	<1	<2
D 197021	4	13	33	263	1.7	2	5	1500	4.11	235	<8	<2	4	28	2.7	<3	<3	6	.42	.097	29	4	.14	237	<.01	<3	.66	.04	.27	<2	<5	<1	6
D 197022	5	147	9459	2312	442.1	2	<1	50	5.61	64301	<8	<2	2	28	41.2	761	<3	3	.05	.049	9	8	.02	72	<.01	<3	.40	.01	.36	6	<5	<1	264
D 197023	3	27	91	1374	5.9	2	7	1811	4.28	522	<8	<2	4	31	14.3	<3	<3	4	.19	.090	29	6	.04	212	<.01	<3	.88	.02	.32	<2	<5	<1	3
D 197024	3	37	122	581	6.9	1	6	2719	3.93	175	<8	<2	3	49	8.7	<3	<3	4	1.71	.087	22	3	.17	141	<.01	<3	.66	.02	.35	<2	7	1	5
D 197025	3	83	95	175	7.8	2	6	1490	3.64	1097	<8	<2	3	33	1.6	<3	<3	4	1.25	.083	13	3	.18	93	<.01	<3	.55	.01	.35	2	<5	<1	14
D 197026	2	8	39	102	1.3	1	4	1118	3.15	50	<8	<2	4	36	.6	<3	<3	4	1.39	.074	17	4	.18	111	<.01	<3	.52	.03	.29	<2	<5	<1	5
D 197027	3	9	35	230	15.7	2	4	1012	3.32	28	<8	<2	4	49	1.8	<3	<3	5	1.15	.081	28	6	.14	312	<.01	<3	.57	.06	.27	2	<5	1	6
D 197028	3	7	23	64	2.0	2	2	583	2.25	23	<8	<2	5	24	.5	<3	<3	4	.53	.047	34	5	.11	179	<.01	<3	.42	.07	.20	2	<5	<1	2
D 197029	3	4	20	68	1.0	2	3	678	2.49	8	<8	<2	6	42	.3	<3	3	4	1.14	.044	33	6	.11	175	<.01	<3	.42	.07	.18	3	<5	<1	2
D 197030	4	4	26	83	.8	2	3	700	2.72	14	<8	<2	5	51	.4	<3	<3	4	1.25	.044	33	5	.15	625	<.01	<3	.36	.06	.19	3	<5	<1	<2
D 197031	2	5	26	84	.7	2	2	706	2.45	16	<8	<2	5	36	.7	<3	<3	3	1.20	.041	33	7	.12	134	<.01	<3	.38	.05	.21	2	<5	<1	<2
D 197032	5	12	44	263	5.9	2	6	1865	3.65	217	<8	<2	5	19	3.1	<3	<3	4	.66	.060	35	5	.18	215	<.01	<3	.58	.01	.28	<2	<5	<1	119
RE D 197032	5	12	48	272	6.4	2	6	1928	3.77	226	<8	<2	6	20	3.2	<3	<3	4	.68	.062	35	3	.18	222	<.01	<3	.61	.01	.29	<2	<5	<1	3
D 197033	6	40	437	259	20.3	2	4	262	2.82	9727	<8	<2	2	28	2.0	10	<3	2	.16	.076	12	9	.02	570	<.01	<3	.40	.01	.33	4	<5	<1	49
D 197034	4	19	58	510	11.8	2	7	1914	3.82	707	<8	<2	3	29	5.1	3	<3	3	.30	.086	28	5	.10	830	<.01	<3	.63	.01	.34	<2	<5	<1	9
D 197035	4	4	21	134	1.4	1	5	1371	4.13	45	<8	<2	4	50	.8	<3	<3	7	1.74	.088	25	3	.12	153	<.01	<3	.62	.01	.26	<2	<5	<1	2
D 197036	6	28	240	370	7.1	2	6	1673	4.08	122	<8	<2	3	62	3.2	<3	<3	7	2.03	.086	21	3	.12	494	<.01	<3	.67	.01	.33	2	<5	<1	6
D 197037	5	5	20	90	2.0	2	7	1907	3.96	24	<8	<2	4	69	.4	<3	<3	7	2.88	.089	26	2	.14	793	<.01	<3	.67	.01	.28	2	<5	<1	<2
D 197038	5	7	50	167	2.1	2	5	2098	3.93	58	<8	<2	3	24	.9	<3	<3	5	.33	.088	25	6	.10	743	<.01	<3	.73	.01	.32	2	<5	<1	<2
D 197039	7	29	75	126	7.8	2	3	126	1.28	617	<8	<2	2	37	.7	4	<3	1	.13	.050	9	9	.03	1799	<.01	<3	.35	.01	.28	4	<5	<1	10
D 197040	9	6	31	146	2.2	2	7	1639	4.59	250	<8	<2	4	27	.5	<3	<3	8	.30	.091	28	6	.09	437	<.01	<3	.80	.01	.22	2	<5	<1	<2
D 197041	6	15	20	816	1.7	3	7	1913	4.47	33	<8	<2	4	25	10.7	<3	<3	8	.29	.089	27	9	.11	1113	<.01	<3	.78	.01	.20	2	<5	<1	<2
D 197042	4	71	32	856	2.4	2	6	195	4.55	374	<8	<2	3	43	1.7	<3	<3	5	.07	.079	27	5	.04	198	<.01	<3	.69	.01	.25	<2	<5	<1	<2
STANDARD C3/AU-R	26	63	33	165	5.5	37	12	781	3.40	58	23	4	19	28	23.5	16	21	82	.57	.086	19	170	.62	147	.09	19	1.78	.04	.15	20	<5	1	480
STANDARD G-2	1	3	4	43	<.3	7	5	548	2.03	<2	<8	<2	4	73	<.2	<3	<3	40	.66	.095	8	76	.62	229	.13	<3	.97	.09	.48	2	<5	1	<2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 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 SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB

- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Assay in progress for Ag > 30 ppm

DATE RECEIVED: JUL 12 1999 DATE REPORT MAILED: *July 15/99* SIGNED BY: <



SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppb
D 197043	7	267	4982	252	441.1	2	1	48	4.00	26678	<8	<2	2	43	7.5	405	<3	3	.07	.071	13	7	.02	238	<.01	<3	.41	.03	.57	3	<5	1	264
D 197044	5	63	115	803	19.7	3	4	204	3.87	568	<8	<2	3	50	1.4	4	<3	5	.15	.082	25	7	.05	438	<.01	<3	.74	.01	.35	2	<5	<1	8
D 197045	5	67	307	836	27.2	3	5	300	4.42	216	<8	<2	2	46	3.0	5	<3	3	.25	.094	22	5	.03	525	<.01	<3	.71	.02	.39	2	<5	<1	22
D 197046	7	27	430	346	28.8	2	1	52	2.99	4674	<8	<2	2	32	2.6	6	<3	2	.17	.108	22	5	.03	342	<.01	<3	.42	.02	.49	5	<5	<1	49
D 197047	6	16	1391	112	114.3	3	1	65	3.54	12472	<8	<2	2	29	1.5	12	<3	3	.13	.120	12	9	.03	172	<.01	<3	.40	.01	.74	5	<5	<1	90
D 197048	5	134	7676	179	737.5	3	1	101	4.62	29953	<8	<2	<2	23	9.3	192	<3	6	.06	.054	10	11	.03	170	.01	<3	.41	.01	.77	7	<5	<1	1151
D 197049	4	83	9859	261	325.3	2	1	95	10.01	99999	<8	3	2	124	6.4	209	<3	3	.05	.028	9	15	.01	53	<.01	<3	.27	.04	.34	10	<5	<1	1662
D 197050	24	92	1051	125	239.7	3	1	64	2.35	10092	<8	<2	2	96	5.0	27	<3	1	.09	.041	11	12	.02	307	<.01	<3	.37	.01	.40	7	<5	<1	139
RE D 197050	23	89	1047	127	224.1	3	1	64	2.35	10160	<8	<2	3	97	5.3	28	<3	1	.09	.041	11	12	.02	311	<.01	<3	.38	.01	.41	7	<5	<1	179
D 197051	9	172	206	1301	8.1	3	2	201	3.72	905	<8	<2	6	38	3.9	<3	<3	3	.06	.047	22	10	.03	429	<.01	<3	.89	.01	.29	4	<5	<1	8
D 197052	5	69	2362	206	449.4	3	1	67	4.25	28203	<8	<2	3	80	5.0	44	<3	3	.07	.094	17	7	.01	174	<.01	<3	.44	.01	.66	5	<5	<1	496
STANDARD C3/AU-R	25	61	36	165	5.4	36	12	751	3.20	57	25	3	19	28	23.5	16	20	82	.56	.086	19	170	.56	147	.08	17	1.77	.04	.16	18	<5	1	451
STANDARD G-2	2	4	<3	44	<.3	8	5	544	1.99	<2	<8	<2	4	75	<.2	<3	<3	43	.67	.096	8	83	.59	240	.13	<3	.99	.08	.51	2	<5	<1	<2

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ASSAY CERTIFICATE

Tiberon Minerals Ltd. PROJECT RUBY File # 9902150R
950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

SAMPLE#	Ag** oz/t
D 197011	154.90
D 197013	1.15
D 197014	26.45
D 197017	.89
D 197022	71.73
D 197043	80.66
D 197045	1.00
D 197046	.84
D 197047	3.22
RE D 197047	3.17
D 197048	35.41
D 197049	10.53
D 197050	7.06
D 197052	13.30
STANDARD R-1	2.90

AG** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 15 1999

DATE REPORT MAILED:

July 20/99

SIGNED BY:

C. Leong

TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Tiberon Minerals Ltd. PROJECT RUBY File # 9902279
950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

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	Tl ppm	Hg ppm	Au** ppb
D 197053	4	6	17	440	1.0	2	6	1481	4.12	10	<8	<2	4	48	5.6	<3	<3	11	1.54	.093	28	8	.17	160	<.01	<3	.57	.04	.16	<2	<5	<1	19
D 197054	4	11	42	225	2.3	2	6	1863	4.03	84	<8	<2	3	44	3.6	<3	<3	7	1.11	.086	23	6	.11	212	<.01	<3	.62	.02	.24	<2	<5	<1	3
D 197055	4	14	55	402	1.7	2	6	2339	4.49	241	<8	<2	4	23	3.7	<3	<3	7	.28	.100	29	4	.07	244	<.01	<3	.71	.01	.26	<2	<5	<1	6
D 197056	4	23	101	234	6.8	1	6	1617	3.77	738	<8	<2	3	38	3.9	3	<3	5	1.15	.093	24	8	.11	1121	<.01	<3	.59	.01	.31	<2	<5	<1	15
D 197057	6	50	120	1136	3.4	2	5	285	4.76	1614	<8	<2	3	65	4.2	<3	<3	6	.08	.066	23	6	.05	171	<.01	<3	.60	.01	.35	<2	<5	<1	5
D 197058	3	9	27	336	1.5	2	5	1281	4.08	49	<8	<2	4	29	3.3	<3	<3	4	.71	.093	26	4	.20	115	<.01	4	.71	.01	.31	<2	<5	<1	2
D 197059	3	7	36	169	1.5	2	6	1358	4.30	14	<8	<2	4	40	1.4	<3	<3	5	1.22	.095	27	7	.17	132	<.01	<3	.58	.03	.28	<2	<5	<1	2
D 197060	3	2	17	105	.6	2	5	1288	4.13	7	<8	<2	3	58	.4	<3	<3	7	1.88	.089	27	6	.19	122	<.01	<3	.55	.04	.24	<2	<5	<1	2
D 197061	3	4	17	95	.7	2	5	1139	4.08	4	<8	<2	4	53	<.2	<3	<3	9	1.76	.092	29	8	.12	93	<.01	3	.64	.04	.19	<2	<5	<1	<2
D 197062	4	5	28	107	1.0	1	6	1502	4.11	12	<8	<2	3	55	.6	<3	<3	7	1.91	.092	28	8	.17	127	<.01	<3	.71	.03	.24	<2	<5	<1	<2
D 197063	3	7	26	184	1.5	2	5	1576	3.82	102	<8	<2	3	59	1.0	<3	<3	5	2.04	.084	26	5	.15	135	<.01	<3	.52	.02	.27	2	<5	<1	<2
D 197064	3	21	97	343	2.9	2	6	695	3.54	7839	<8	<2	2	75	5.8	5	<3	2	.16	.085	18	6	.04	72	<.01	<3	.57	.01	.38	<2	<5	<1	17
D 197065	4	9	73	262	9.1	2	6	1867	4.18	1459	<8	<2	4	48	3.1	<3	<3	5	1.46	.098	28	5	.08	142	<.01	<3	.63	.01	.33	<2	<5	<1	12
D 197066	2	4	26	106	1.7	1	6	1407	4.16	65	<8	<2	4	67	.8	<3	<3	5	2.00	.091	28	5	.10	309	<.01	<3	.60	.03	.28	2	<5	<1	4
D 197067	4	13	40	383	1.7	2	7	1743	4.11	94	<8	<2	4	71	6.9	<3	<3	4	1.44	.092	31	6	.11	376	<.01	3	.70	.01	.31	<2	<5	<1	2
D 197068	2	112	104	1744	6.4	4	6	5288	3.46	186	<8	<2	6	43	68.3	<3	<3	5	1.22	.050	32	8	.05	155	<.01	<3	.59	.03	.21	<2	9	<1	<2
D 197069	5	18	300	39	11.2	2	1	117	2.77	14567	<8	<2	3	22	.9	5	<3	2	.05	.087	11	9	.02	298	<.01	<3	.39	.01	.55	5	<5	1	48
D 197070	4	43	99	466	3.4	3	6	286	4.68	7213	<8	<2	4	73	3.6	6	<3	4	.07	.093	22	8	.03	455	<.01	<3	.66	.01	.37	<2	<5	<1	32
RE D 197070	5	42	95	471	4.6	2	6	288	4.70	7275	<8	<2	4	73	3.6	6	<3	4	.07	.094	22	7	.03	449	<.01	<3	.66	.01	.37	<2	<5	<1	33
D 197071	4	33	84	277	2.2	3	6	258	4.27	3588	<8	<2	4	66	5.2	<3	<3	2	.08	.094	21	8	.03	1089	<.01	<3	.64	.01	.38	3	<5	1	10
D 197072	4	34	132	252	4.0	2	5	388	3.36	7173	<8	<2	3	55	2.7	7	<3	3	.09	.093	19	9	.03	953	<.01	3	.57	.01	.38	2	<5	1	40
D 197073	4	10	26	127	3.2	2	7	2212	4.49	56	<8	<2	7	37	1.7	<3	<3	11	1.01	.103	31	7	.09	219	<.01	3	.81	.02	.21	<2	<5	<1	2
D 197074	5	43	69	119	9.4	2	4	769	4.91	673	<8	<2	5	86	.6	4	<3	5	.14	.091	19	7	.06	391	<.01	3	.58	.01	.48	3	<5	<1	3
D 197075	10	57	147	287	6.0	3	6	2454	4.31	534	<8	<2	5	22	2.3	<3	<3	11	.26	.085	32	10	.09	106	<.01	3	.67	.01	.10	2	<5	<1	<2
D 197076	5	7	15	13	1.2	2	<1	166	.35	65	<8	<2	<2	4	<.2	<3	<3	1	.06	.013	11	16	.02	27	<.01	3	.27	<.01	.17	7	<5	<1	3
D 197077	20	76	4300	345	479.8	2	1	90	3.27	18524	<8	<2	5	92	6.8	68	<3	1	.08	.029	15	9	.03	211	<.01	3	.37	.02	.35	5	<5	<1	190
D 197078	31	172	723	1216	31.4	3	8	899	5.34	4609	<8	<2	4	64	26.6	15	<3	3	.24	.021	19	5	.10	2253	<.01	<3	.67	.01	.27	<2	<5	1	23
D 197079	6	912	10126	4317	362.8	<1	5	175	21.67	99999	14	9	5	28	115.3	625	10	3	.30	.013	5	15	.01	19	<.01	18	.34	.01	.21	6	<5	6	495
D 197080	3	779	14766	4715	406.2	3	3	710	7.90	47291	<8	2	5	40	101.3	434	<3	1	.16	.039	15	9	.03	38	<.01	<3	.50	.02	.38	<2	<5	<1	519
D 197081	6	665	28660	10268	385.2	<1	<1	70	10.06	99999	<8	9	4	11	228.6	1212	3	1	.04	.026	10	10	.01	29	<.01	7	.40	.01	.35	<2	<5	2	748
D 197082	8	99	2432	172	294.0	2	1	60	3.37	38348	34	<2	2	33	3.5	68	<3	2	.04	.024	9	10	.02	97	<.01	4	.54	.01	.46	5	<5	<1	511
D 197083	3	85	265	140	35.4	3	1	161	4.21	43042	<8	<2	2	11	2.5	43	<3	4	.08	.061	7	11	.02	139	<.01	6	.41	.01	.40	7	<5	1	78
STANDARD C3/AU-R	26	67	39	165	5.7	37	13	781	3.36	59	25	3	19	29	23.5	17	21	82	.57	.088	19	170	.62	150	.10	21	1.83	.04	.16	20	<5	1	466
STANDARD G-2	1	3	4	41	<.3	8	5	556	2.06	<2	<8	<2	4	70	<.2	<3	<3	40	.65	.093	8	80	.62	224	.14	<3	.95	.08	.45	2	<5	<1	2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 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 SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 16 1999 DATE REPORT MAILED: *July 23/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Assay in progress for Ag > 30ppm

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA



ASSAY CERTIFICATE



Tiberon Minerals Ltd. PROJECT RUBY File # 9902279R

950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

SAMPLE#	Ag** oz/t
D 197077	27.80
D 197078	.85
D 197079	60.21
D 197080	57.39
D 197081	100.12
RE D 197081	99.31
D 197082	9.15
D 197083	.89
STANDARD R-1	2.97

AG** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

- SAMPLE TYPE: ROCK PULP

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 27 1999

DATE REPORT MAILED: *July 29/99*

SIGNED BY: *[Signature]*

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Tiberon Minerals Ltd. PROJECT RUBY File # 9902611
950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

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	Tl ppm	Hg ppm	Au** ppb
D 197084	4 661	10428	510	322.1	1	1	66	6.62	50496	<8	7	5	39	12.9	555	<3	1	.05	.032	14	10	.02	43<.01	<3	.40	.06	.65	2	<5	<1	5734		
D 197085	3 259	795	997	24.2	3	6	2789	3.85	968	<8	<2	5	44	37.0	6	3	3	1.97	.089	20	7	.04	1144<.01	<3	.64	.01	.32	<2	<5	<1	13		
D 197086	3 248	1351	1326	35.0	2	7	4470	4.04	1002	<8	<2	5	25	53.1	10	<3	4	.46	.108	23	8	.04	1814<.01	<3	.63<.01	.34	<2	5	<1	13			
D 197087	3 28	126	249	5.3	3	6	2064	4.53	151	<8	<2	4	42	3.8	<3	<3	4	1.37	.095	29	8	.06	374<.01	<3	.72	.01	.32	<2	<5	<1	<2		
D 197088	3 8	28	74	5.9	2	5	2653	3.41	417	<8	<2	4	38	1.0	<3	<3	3	1.65	.090	25	9	.05	378<.01	<3	.60<.01	.42	2	<5	<1	<2			
D 197089	4 51	61	888	51.5	3	4	467	4.24	2120	<8	<2	7	45	10.1	4	<3	5	.12	.081	27	8	.01	449<.01	<3	.83	.01	.31	<2	<5	<1	5		
D 197090	5 43	843	516	151.8	1	3	146	4.06	7461	<8	<2	7	45	2.9	12	<3	3	.06	.072	22	8	.02	425<.01	<3	.55	.01	.55	2	<5	<1	45		
D 197091	5 77	9841	278	250.2	2	1	64	4.31	16896	<8	<2	5	43	5.5	141	<3	2	.07	.078	16	10	.01	252<.01	<3	.52	.01	.57	<2	<5	<1	186		
D 197092	4 39	126	1854	80.6	2	6	1891	4.50	2218	<8	<2	8	23	16.6	5	<3	6	.29	.092	29	10	.09	197<.01	3	.78	.02	.33	<2	<5	<1	7		
D 197093	4 87	2203	270	267.4	3	1	92	3.84	13116	<8	<2	6	74	8.1	28	<3	3	.08	.068	16	7	.01	345<.01	<3	.44	.01	.56	2	<5	1	134		
D 197094	3 46	446	71	30.3	1	1	74	2.48	9790	<8	<2	3	32	3.0	12	<3	2	.08	.075	17	7	.02	404<.01	<3	.51	.01	.63	3	<5	<1	100		
RE D 197094	4 46	451	71	28.4	1	1	72	2.51	9841	<8	<2	3	33	2.9	13	<3	2	.08	.077	17	8	.02	411<.01	<3	.51	.01	.63	2	<5	<1	103		
D 197095	4 39	631	58	59.5	4	1	76	2.74	22771	<8	<2	3	19	2.0	29	<3	2	.04	.047	12	13	.01	438<.01	<3	.44<.01	.44	4	<5	<1	110			
D 197096	3 30	377	91	13.9	2	1	93	1.92	9757	<8	<2	3	47	3.3	15	<3	1	.09	.053	14	10	.02	811<.01	<3	.43	.01	.37	5	<5	1	45		
D 197097	3 49	127	102	19.9	4	1	60	1.06	4440	<8	<2	4	28	5.0	6	<3	1	.04	.023	19	12	.01	409<.01	<3	.41<.01	.36	4	<5	<1	13			
D 197098	3 65	208	637	13.7	2	2	1179	2.59	293	<8	<2	7	10	16.8	<3	<3	4	.33	.046	33	9	.02	212<.01	<3	.52	.03	.28	<2	<5	<1	5		
D 197099	6 248	28170	3499	295.8	<1	14	132	27.16	43598	19	19	8	47	83.6	1002	16	3	.02	.010	11	23	<.01	7<.01	25	.24<.01	.14	10	<5	8	7434			
STANDARD C3/AU-R	27 69	37 173	6.2	39 14	841	3.71	59 18	4 23	32 26.9	19 25	85 .63	.096	20 183	.63	157 .09	22 2.01	.04 .18	15 <5	1 474														
STANDARD G-2	2 4	<3 41	<.3	7 5	562	2.16	<2 <8	<2 5	75 <.2	<3 <3	40 .68	.099	8 78	.59	221 .13	<3 .97	.08 .49	2 <5	<1 <2														

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 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 SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 30 1999 DATE REPORT MAILED: *Aug 10/99* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Assay Silver in progress



ASSAY CERTIFICATE

Tiberon Minerals Ltd. PROJECT RUBY File # 9902611R
950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

SAMPLE#	Ag** oz/t
D 197084	142.33
D 197086	1.06
D 197089	1.37
D 197090	4.29
D 197091	100.16
D 197092	2.05
D 197093	19.24
RE D 197093	20.47
D 197094	.89
D 197095	1.69
D 197099	79.05
STANDARD R-1	2.83

AG** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 11 1999

DATE REPORT MAILED:

Aug 16/99

SIGNED BY: *C. Leong*

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

APPENDIX III

RUBY PROPERTY VLF DATA

Northing meters	Easting meters	In-Phase %	Quadrature %	Elevation feet
1000.00	1040.00	0.00	4.00	6650.00
1000.00	1030.00	0.00	-2.00	6656.00
1000.00	1020.00	-1.00	-2.00	6662.00
1000.00	1010.00	-3.00	-4.00	6661.00
1000.00	1000.00	-2.00	-4.00	6660.00
1000.00	990.00	-2.00	-8.00	6653.00
1000.00	980.00	-4.00	-9.00	6646.00
1000.00	970.00	-4.00	-10.00	6643.00
1000.00	960.00	-5.00	-10.00	6640.00
1000.00	950.00	-6.00	-13.00	6642.00
1000.00	940.00	-6.00	-16.00	6644.00
1000.00	930.00	-5.00	-16.00	6637.00
1000.00	920.00	-2.00	-13.00	6630.00
950.00	1080.00	-4.00	6.00	6644.00
950.00	1070.00	-2.00	4.00	6629.00
950.00	1060.00	-4.00	4.00	6614.00
950.00	1050.00	-4.00	7.00	6599.00
950.00	1040.00	-4.00	4.00	6584.00
950.00	1030.00	-5.00	4.00	6571.00
950.00	1020.00	-5.00	4.00	6558.00
950.00	1010.00	-5.00	2.00	6551.00
950.00	1000.00	-6.00	-2.00	6544.00
950.00	990.00	-10.00	-4.00	6539.00
950.00	980.00	-13.00	-8.00	6534.00
950.00	970.00	-13.00	-12.00	6534.00
950.00	960.00	-13.00	-14.00	6534.00
950.00	950.00	-14.00	-12.00	6533.00
950.00	940.00	-13.00	-10.00	6532.00
950.00	930.00	-15.00	-12.00	6532.00
950.00	920.00	-15.00	-11.00	6532.00
950.00	910.00	-13.00	-15.00	6532.00
950.00	900.00	-14.00	-15.00	6532.00
950.00	890.00	-13.00	-16.00	6542.00
950.00	880.00	-13.00	-18.00	6552.00
900.00	840.00	-17.00	-22.00	6492.00
900.00	850.00	-18.00	-18.00	6479.00
900.00	860.00	-20.00	-16.00	6466.00
900.00	870.00	-23.00	-12.00	6456.00
900.00	880.00	-23.00	-10.00	6446.00
900.00	890.00	-23.00	-10.00	6435.00
900.00	900.00	-23.00	-12.00	6424.00
900.00	910.00	-25.00	-10.00	6417.00
900.00	920.00	-24.00	-2.00	6410.00
900.00	930.00	-18.00	-4.00	6409.00
900.00	940.00	-17.00	-2.00	6408.00
900.00	950.00	-16.00	-1.00	6408.00
900.00	960.00	-15.00	-3.00	6408.00
900.00	970.00	-13.00	-3.00	6410.00

900.00	980.00	-10.00	3.00	6412.00
900.00	990.00	-6.00	6.00	6420.00
900.00	1000.00	-3.00	8.00	6428.00
900.00	1010.00	-2.00	7.00	6441.00
900.00	1020.00	-2.00	10.00	6454.00
900.00	1030.00	-2.00	8.00	6467.00
900.00	1040.00	-2.00	5.00	6480.00
850.00	1000.00	-1.00	9.00	6324.00
850.00	990.00	-2.00	13.00	6314.00
850.00	980.00	0.00	12.00	6304.00
850.00	970.00	-2.00	10.00	6299.00
850.00	960.00	-5.00	8.00	6294.00
850.00	950.00	-12.00	4.00	6292.00
850.00	940.00	-16.00	0.00	6292.00
850.00	930.00	-17.00	0.00	6296.00
850.00	920.00	-18.00	1.00	6302.00
850.00	910.00	-19.00	0.00	6315.00
850.00	900.00	-18.00	2.00	6328.00
850.00	890.00	-23.00	-6.00	6339.00
850.00	880.00	-22.00	-4.00	6350.00
850.00	870.00	-22.00	-6.00	6363.00
850.00	860.00	-22.00	-7.00	6376.00

APPENDIX IV

RUBY PROERTY - GROUND MAGNETIC DATA

Northing meters	Easting meters	Kilogammas		Northing meters	Easting meters	Kilogammas
1000	1040	57426		900	1040	57538
1000	1030	57431		900	1030	57762
1000	1020	57524		900	1020	57880
1000	1010	57591		900	1010	57744
1000	1000	57582		900	1000	57720
1000	990	57489		900	990	57659
1000	980	57458		900	980	57592
1000	970	57452		900	970	57535
1000	960	57454		900	960	57484
1000	950	57458		900	950	57458
1000	940	57542		900	940	57422
1000	930	57500		900	930	57427
1000	920	57485		900	920	57171
950	880	57295		900	910	57473
950	890	57610		900	900	57407
950	900	57118		900	890	57412
950	910	57137		900	880	57430
950	920	57293		900	870	57446
950	930	57351		900	860	57437
950	940	57367		900	850	57384
950	950	57392		900	840	57404
950	960	57418		850	1000	57477
950	970	57447		850	990	57487
950	980	57471		850	980	57444
950	990	57493		850	970	57465
950	1000	57476		850	960	57472
950	1010	57314		850	950	57501
950	1020	57332		850	940	57527
950	1030	57401		850	930	57576
950	1040	57449		850	920	57661
950	1050	57416		850	910	57533
950	1060	57378		850	900	57308
950	1070	57203		850	890	57361
950	1080	57358		850	880	57342
				850	870	57388
				850	860	57420

APPENDIX V

RUBY PROPERTY – DIAMOND DRILL LOGS

Diamond Drill Hole Record (in meters)				Ruby Property - Yukon				Company: Tiberon Minerals Ltd.						
Hole No.: RUD99-01		Bearing: 90° az		Collar Coordinates (UTM): 6,652,100N		Casing: 1.83 m.		Water: —		Start: 1999-07-31				
Drill Depth: 91.14		Inclination: -55°		484,415E		Core Diameter - HQ: 1.83 – 36.58 m.		Finish: 1999-08-02						
Samples: 197201-215 (15)		Survey (acid): -60° at 91 m.		Collar Elevation (mast): 2025		NQ: 36.58 – 91.14 m.		Logged by: B. Meyer						
Objective: Connie Vein (ridge)														
Observations: Intersected Connie Vein at 70.75-72.00 & 74.30-79.25 consisting of sericite-altered volcanics with sparse-minor qtz + py-asp-gn-sulfosalt veinlets.														
Mineralization: Although zone is relatively wide (approx. 1 & 3 m. true width) mineralization appears very weak.														
Depth (m)		Description (Lith / Alt/ Min / Cor)	Rec (when < 100%)		Sample				Rec	Ag	Ag	Au	As	Pb
From	To		Run	%	No.	From	To	Lgth	%	oz/t	ppm	ppb	ppm	ppm
1.83	9.60	Pale green Lapilli Tuff: partial welded, clasts up to 6 cm, few scattered breccia-sized clasts, round vesicular texture, weak selective chlorite-calcite(-sericite) alt, no mineralization, fracture density <5/m (40-70° to core axis) with limonite-hematite or chlorite surfaces, blocky core 1.83-5.0 m, sharp conformable contact with underlying unit at 50° to c.a.												
9.60	14.10	Lt grey-green Lapilli Tuff: densely welded, flamme <2 cm length, eutaxitic foliation 50° to c.a, weak selective chlorite-calcite alt, bottom 30 cm bleached, frac dens 5-10/m (40-70° to c.a.) with lim-hem surface & hairline calcite veinlets, no min, competent core with few thin blocky intervals.												
14.10	16.50	Pale green-bleached Lapilli Tuff: partial welded, clasts <2.5 cm, poor developed eutaxitic fol 60° to c.a, weak selective chlorite-calcite, part with strong lim rims/infills of clasts giving spotty orange color, small (<15 cm) patches weak-mod pervasive silicification, frac dens 5-10/m (30-80° to c.a.) with lim surface, trace diss py, competent core, gradational with above unit.												
16.50	20.30	Aplite Dike: cream, aphanitic, few intervals of cream lapilli tuff, weak pervasive sericite alt, patches with very fine lim spots, no sulfides, frac dens >15/m (40-60° to c.a.) mainly subparallel & x-cutting hairline lim vnlt, core is mainly blocky.												
20.30	25.60	Cream Lapilli Tuff: partial welded, minor apite inclusions, poor eutaxitic fol 45° to c.a, mod sel chlor-ser alt, frac dens >15/m (x-cutting, 0-70° to c.a.) mainly as hairline lim vnlt, no sulfides, few thin zones of blocky core. 23.50-24.20 Intrusive Aplite Breccia: angular apite / lapilli tuff fragments 1-4 cm in apitic matrix. 24.9-25.5 Fault Breccia: pale yellow, strong perv clay-altered gouge with milled lapilli tuff fragments up to 3 cm, contact 60° to c.a.			197201	20.30	22.30	2.00	100		3.6	<2	88	44
					197202	22.30	23.50	1.20	100		4.3	<2	63	40
					197203	23.50	24.90	1.40	100		3.5	<2	229	41
					197204	24.90	25.60	0.70	100		10.5	65	1439	104
25.60	28.65	Altered/Fractured Lapilli Tuff: pale grey-green, partial welded (clasts generally <0.5 cm, some up to 2 cm), eutaxitic foliation moderately developed 70° to c.a, mod-strong perv ser-chlor alt with strong clay-alt fracture fillings very common, frac dens >15/m (0-70°), generally blocky soft core. 26.90-27.40 Trace scorodite(?) + diss pyrite in fractures 0-20° to c.a.			197205	25.60	26.90	1.30	100		4.3	14	2063	43
					197206	26.90	28.65	1.75	100		5.5	95	5525	149

Depth (m)		Description (Lith / Alt / Min / Cor)	Rec (when < 100%)		Sample				Rec %	Ag oz/t	Ag ppm	Au ppb	As ppm	Pb ppm
From	To		Run	%	No.	From	To	Lgth						
28.65	33.00	Pale green-grey/light brown Lapilli Tuff: partial welded, clasts generally <0.5 cm, some up to 5 cm, eutaxitic foliation mod developed at 65°, clasts commonly have 1 mm grey qtz rims, mod sel chlor-cal alt, brown color is due to mod-strong lim in dense web-like pattern in matrix, frac dens 5-10/m (0-70° to c.a.) as hairline calcite, lim, qtz vnits.												
33.00	57.90	Light grey-green Lapilli Tuff: partial welded, clasts generally <0.5 cm, some up to 5 cm, poor-mod developed eutaxitic foliation (60-70°), mod sel chlor-cal alt, few narrow bleached intervals, web-like mod lim in matrix, frac dens 5-10/m (20-70°), tr diss py, competent core.												
57.90	70.75	Bleached Lapilli Tuff: cream, parts pale green-grey, partial welded as above, few thin brecciated frac zones with volcanic and apilite frags near base, weak sel clay alt + bleaching, sparse cal vnits, abnt v fine grained lim spots in mtz com, frac dens >15/m, mainly 40° to c.a. x-cutting planar-irreg hairline lim, cal, qtz vnits, competent core with few narrow very blocky intervals. 61.95 Quartz Veinlet: 0.5 cm width, clusters py-gn-asp-sulfosalt mineralization 40° to c.a.			197207	68.75	70.75	2.00	100	1.86		53	481	629
70.75	72.00	"Connie Vein": pale grey-yellow, strong perv ser + wk clay alt, minor thin (<2 cm) qtz vnits with clusters/diss py-asp-gn-sulfosalts, frac dens >15/m (mainly 30-50° to c.a.).			197208	70.75	72.00	1.25	100	22.73		2395	4699	10215
72.00	74.30	Bleached Lapilli Tuff: cream-pale grey, wk sel clay alt + bleaching, dense lim spots in mtz, frac dens 10-15/m, (mainly lim), competent core except 10 cm interval of crumbly clay near base.			197209 197210	72.00 73.30	73.30 74.30	1.30 1.00	100 100	1.03 1.10		87 82	360 459	264 589
74.30	79.25	"Connie Vein": pale yellow-grey to white, mod-strong perv ser alt + patches wk perv sil alt, thin qtz vnits ranging from sparse-common thruout, few thin intervals perv clay-ser alt, contact with above unit 40° to c.a. 74.30-74.50 Intense semi-massive lim + py with few thin qtz vnits, competent core. 74.50-75.45 1-2% diss py + vuggy sections and few thin qtz vnits with jar/lim + traces py, competent core. 75.45-76.00 Strong ser, wk perv sil alt, + adulara(?) crystals, vuggy with 5-10% black sooty sulfides/sulfosalts, trace unoxidized py-asp, core very blocky-crumbly. 76.00-76.80 1-2% diss py + jar-lim-clay frags with traces py, parts v soft and blocky to crumbly clay zones. 76.80-78.60 Mod patchy-perv yellow jar alt, 40 cm section brecciated with hem (apilite?) matrix, thin qtz vnits common thruout, partly vuggy with trace py + black sulfosalts, competent core. 78.60-79.25 Weak perv ser + strong sel clay alt, dens frac, blk core.			197211 197212 197213 197214 197215	74.30 75.45 76.00 76.80 78.60	75.45 76.00 76.80 78.60 79.25	1.15 0.55 0.80 1.80 0.65	100 100 100 100 100	20.58 3.21 1.84 1.21 1.73		2720 954 260 73 238	10782 15375 3048 261 338	9554 4190 1641 1473 2030
79.25	82.90	Light brown-grey Lapilli Tuff: partial welded, poor dev eutaxitic fol 60-80° to c.a, wk sel chlor-cal alt, gradational with above unit (78.60-79.25), spotty brown lim com, frac dens 5-10/m (40-60°) mainly with lim surfaces, competent core with few narrow blocky intervals.												

Diamond Drill Hole Record (in meters)				Ruby Property - Yukon				Company: Tiberon Minerals Ltd.							
Hole No.: RUD99-02		Bearing: 90° az		Collar Coordinates (UTM): 6,652,020N		Casing: 1.22 m		Water:		Start: 1999-08-02					
Drill Depth: 63.86		Inclination: -55°		484,400E		Core Diameter - HQ: 1.22-27.43		Finish: 1999-08-04		Logged by: B. Meyer					
Samples: 197216-219, 226		Survey (acid): -63° @ 63 m		Collar Elevation (mast): 1969		NQ: 27.43-63.86									
Objective: Connie Vein (south slope)															
Observations: Intersected Connie Vein at 31.95-34.15 m. consisting of pervasive sericite-altered volcanics + very thin qtz-py-asp(-sulfosalt) veinlets.															
Mineralization: Mineralization is weak. Approximate true thickness is 2.0 m.															
Depth (m)		Description (Lith / Alt/ Min / Cor)	Recov (when < 100%)		Sample				Recov %	Ag oz/t	Ag ppm	Au ppb	As ppm	Pb ppm	
From	To		Run	%	Number	From	To	Length							
1.22	8.30	Light-med grey-green Lapilli Tuff: densely welded, eutaxitic foliation 40-50° to c.a, mod selective chlor alt, frac dens 10-15/m irreg/planar 10-80°, mainly hairline calcite fillings + minor lim-hem, trace diss py, competent core with blocky intervals.													
8.30	19.00	Pale grey-brown Lapilli Tuff: gradational with above unit, partial welded, clasts mainly <1 cm, some up to 8 cm, mod dev eutaxitic fol 50-60°, wk sel chlor alt + wk web-like texture of mustard colored jarosite(?), frac dens 10-15/m (0-70°), mainly hairline cal fillings, trace diss py, competent core with numerous blocky intervals. 10.45-10.70 Aplite: cream, mod perv clay-ser alt, few strong lim-jar-hem vnlt 60° to c.a.													
19.00	24.00	Light-med grey-green Lapilli Tuff: partial welded, poor dev eutaxitic fol 50°, mod sel chlor alt, frac dens 10-15/m, mainly hairline cal fillings, lim-hem surfaces com, tr diss py, competent core with blocky intervals.													
24.00	31.95	Pale grey Lapilli Tuff: partial welded as above, wk-mod sel clay-chlor alt, few narrow aplite intervals (<20 cm), frac dens >15/m irreg/planar, approaching stockwork, mainly hairline lim fillings (overall brown color to rock) + mnr cal, no sulfides, core v blk. 26.40-26.60 Gouge Zone: pale grey, strong perv ser + clay alt, brecciated, 60° to c.a.	26.67-27.43 27.43-28.35 29.72-30.18 30.18-31.24	61 46 78 91	197216	29.95	31.95	2.00	90		6.8	8	622	122	
31.95	34.15	Connie Vein: pale yellow-grey, mod perv ser-altered lapilli tuff, frac dens >15/m, irreg-planar, hairline to very thin (2 mm) lim or qtz-sulfide vnlt, few thin brecciated intervals, 2-4% py + asp(-sulfosalts) as vnlt, microlenses, clusters, v blk core with few crumbly sections			197217 197218	31.95 32.95	32.95 34.15	1.00 1.25	100 100	8.33		27.7	204 23	34587 8342	1406 178
34.15	38.90	Pale green-grey Lapilli Tuff / Aplite: partial welded, mod dev eutaxitic fol 70° to c.a, mod per pale green chlor + mod sel ser alt, approx 50% is aplite dikes with ignimbrite frags, frac dens 5-10/m, 10-70° to c.a, mainly hairline lim, ser fillings, tr diss py + clusters v f gr qtz-sulfides(-sulfosalts?), competent core with one narrow blocky zone.			197219	34.15	36.15	2.00	100		5.6	3	194	143	

Diamond Drill Hole Record (in meters)		Ruby Property - Yukon				Company: Tiberon Minerals Ltd.	
Hole No.: RUD99-03	Bearing: 250°az	Collar Coordinates (UTM):	6,652,201N	Casing: 1.83	Water: ---	Start:	1999-08-09
Drill Depth: 121.31	Inclination: -55°		484,450E	Core Diameter - HQ: 1.83-21.79		Finish:	1999-08-12
Samples: 197220-225	Survey (acid): -61°@ 121 m	Collar Elevation (masl):	1943	NQ: 21.79-121.31		Logged by:	B. Meyer

Objective: Steve Vein.

Observations: No vein intersected. Few scattered thin intervals of weakly mineralized veinlets.

Mineralization: 36.10-36.40: 3 thin (<1 cm) semi-mas sulfide-qtz vnits, py>gn>cp. 57.6-58.75: Tr py-gn in lim vnits. 71.25-71.58: Steve Vein? densely fractured, strong lim-jar filling & few thin calcite/py vnits. 96.20-97.60 & 98.30-99.60: 1-2% sulfides (py-gn-sp-cp)

Depth (m)		Description (Lith / Alt/ Min / Cor)	Rec (when < 100%)		Sample			Rec %	Ag oz/t	Ag ppm	Au ppb	As ppm	Pb ppm		
From	To		Run	%	No.	From	To							Lgth	
1.83	10.80	Medium grey-green Lapilli Tuff: dens welded, well dev eutaxitic fol 45-55° to c.a, dk green chlor-alt fiamme, irreg/planar frac dens 10-15/m (mainly 50-70°), hairline calcite fillings com, tr lim, tr diss py, bkly-v bkly core to 5.0 m. 9.55-9.70: Cream/orange mod-strong perv clay-lim alt fault/gouge at 40° to c.a.													
10.80	41.50	Light grey-green Lapilli Tuff: grades to brown-grey, partial welded, gradational with above unit, eutaxitic fol 50° to c.a, wk sel chlor alt of fiamme, qtz-ksparr mtx, irreg/planar frac dens 10-15/m, hairline calcite vnits com, no mineralization, core is hard, competent. 17.68-18.18 Aplite Dike: cream colored, mod perv ser alt, 2 cm wide calcite vnit at 30° to c.a. with lim selvage. 36.10-36.40: 3 thin (<1 cm) semi-mas sulfide-qtz vnits, py>gn>cp at 30-40° to c.a.			197225	36.10	36.40	0.30	100	13.58		3007	229	4685	
41.50	64.55	Light brown-grey Lapilli Tuff: increasing lapilli content, gradational with above unit, mod welded, well dev eutaxitic fol 50-60° to c.a, pale green chlor-alt fiamme, frac dens 5-10/m irreg/planar, mainly 20-50°, hairline calcite vnits com, tr diss py, competent cor except 49.45-50.20 v bkly to crumbly. 48.95-51.15: Mod lim frags & fiamme nms, strong perv ser alt at 49.6-49.9 m, core is crumbly. 54.0-58.75: Thin lim vnits com 57.6-58.75: Tr py-gn in lim vnits.			197220 197221	49.60 57.60	49.90 58.75	0.30 1.15	100 100	5.13		204 21	42193 2406	7070 572	
64.55	68.50	Pale green-grey Lapilli Tuff: gradational with above unit, partial welded, poor dev eutaxitic fol at 60°, clasts < 1 cm, 5% up to 6 cm, wk sel chlor alt of clasts, 5-10% lithic clasts, frac dens < 5/m, tr diss py, competent core. 68.00-68.50: Polymict clast-supported lapilli-agglomerate(?), clasts up to 8 cm.													
68.50	75.48	Cream-colored Lapilli Tuff: nonwelded, ksparr phyrlic (sparse), pumice/lithic clasts generally <1 cm, frac dens >15/m, irreg/x-cutting, with hairline lim fillings & mnr calcite, spotty lim thru-out, rare diss sulfides, competent core except 71.25-71.58 m v bkly. 71.25-71.58: Steve Vein? densely fractured with strong lim-jar filling & few thin calcite/py vnits up to 2 cm wide 50° to c.a.	69.50-72.54	97.	197222	71.25	71.58	0.33	99			5.0	7	1114	337

Diamond Drill Hole Record (in meters)			Ruby Property - Yukon				Company: Tiberon Minerals Ltd.						
Hole No.: RUD99-04		Bearing: 250°az	Collar Coordinates (UTM): 6,652,201N		Casing: 1.83	Water: --	Start: 1999-08-12						
Drill Depth: 139.60		Inclination: -70°	484,450E		Core Diameter - HQ: 1.83-12.19		Finish: 1999-08-15						
Samples: 197227-229		Survey (acid): -70° @ 139	Collar Elevation (masl): 1943		NQ: 12.19-139.60		Logged by: B. Meyer						
Objective: Steve Vein.													
Observations: No vein encountered.													
Mineralization: No significant mineralization encountered.													
Depth (m)		Description (Lith / Alt/ Min / Cor)	Rec (when < 100%)		Sample			Rec %	Ag oz/t	Ag ppm	Au ppb	As ppm	Pb ppm
From	To		Run	%	No.	From	To						
1.83	36.70	Light-med grey-green Lapilli Tuff: dens welded, well dev eutaxitic fol at 60° to c.a, dk green chlor fiamme <1 cm, <5% lithics, frac dens 5-10/m (30-50°), hairline calcite, lim, chlor fillings, tr diss py, v blk core 1.83-5.18m & 13.15-14.30 m. 8.50-10.50: Frac dens >15/m, mainly dk green chlor with mnr calcite & bleached kspar(?) altered margins. 13.15-14.30: Frac dens >15/m (0-50°), mod-strong thin lim fillings. 18.80-19.95: Mottled pink & green intrusive(?) breccia with pinkish qtz-kspar mtx, angular-sbrd lapilli tuff fragments up to 4 cm, grading downward to irreg microbrecciated frac fillings. 32.90-34.00: Frac dens >15/m with irreg dk green chlor vnits with pinkish qtz-kspar alt margins and mnr calcite vnits.											
36.70	51.60	Brown-grey Lapilli Tuff: light green fiamme/lithic clasts, dens welded, well dev eutaxitic fol at 60-70°, fiamme up to 4 cm long, 10% clasts up to 2 cm, frac dens 5-10/m (40-70°), mainly hairline calcite & qtz-kspar, tr v f gr py diss, competent core, bottom 2 m grading to partial welded with light & dk green clasts.											
51.60	67.65	Pale grey Lapilli Tuff: partial welded, poor dev eutaxitic fol at 65°, mainly med-dk gm fiamme/pumice <1 cm, cream colored kspar phenos 2 mm com, 5-10% lithic fragmentals up to 2 cm, frac dens 5-10/m (40-70°), hairline dk green chlor, qtz-kspar & tr calcite fillings, no sulfides, competent core. 64.70-67.65: Parts mottled pale grey/med green, frac dens >15/m, pts brecciated with gm chlor fillings/mtx & qtz-kspar frags.											
67.65	70.20	Pale green-grey/cream Lapilli Tuff: partial welded, wk sel chlor-clay alt, frac dens <5/m, hairline calcite vnits, no sulfides, competent core.											
70.20	76.30	Pale grey-green Lapilli Tuff: partial welded, wk sel chlor alt, frac dens 5-10/m, hairline calcite & tr lim vnits, no sulfides, competent core.											
76.30	79.46	Lapillistone/Lapilli Agglomerate: pale grey-green, nonwelded, sbrd-sbang, clast supported, clasts mainly <3 cm, one frag 30 cm, tube vesicle texture com, parts with 10% lithic clasts, lt-dk green chlor mtx, frac dens <5/m with lim & calcite fillings, tr diss py, competent core.											
79.46	80.90	Pale grey-green Lapilli Tuff: same as 70.20-76.30.											

APPENDIX VI

RUBY PROPERTY – DRILL CORE GEOCHEMICAL ANALYSIS CERTIFICATES



GEOCHEMICAL ANALYSIS CERTIFICATE



Tiberon Minerals Ltd. PROJECT RUBY File # 9902912
950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppb	
D 197201	3	10	44	118	3.6	<1	3	1069	4.10	88	<8	<2	5	24	1.2	<3	3	5	.56	.092	34	5	.16	112<.01	<3	.63	.04	.25	<2	<5	<1	<2	
D 197202	2	19	40	266	4.3	2	6	2495	3.77	63	<8	<2	5	20	5.9	<3	<3	5	.23	.078	40	5	.10	108<.01	<3	.78	.03	.24	<2	<5	<1	<2	
D 197203	3	40	41	360	3.5	2	7	369	4.83	229	<8	<2	4	50	.6	<3	<3	5	.08	.079	31	6	.06	769<.01	<3	.67	.03	.25	<2	<5	1	<2	
D 197204	4	36	104	138	10.5	1	2	126	2.56	1439	<8	<2	3	24	1.3	<3	<3	2	.05	.081	15	8	.03	52<.01	<3	.39	.01	.37	4	<5	<1	65	
D 197205	5	17	43	410	4.3	<1	4	118	3.87	2063	<8	<2	3	18	.7	<3	3	2	.23	.064	15	9	.03	56<.01	<3	.48	.03	.45	2	<5	<1	14	
D 197206	4	14	149	179	5.5	<1	2	86	2.90	5525	<8	<2	2	26	.5	6	<3	2	.24	.096	11	7	.02	56<.01	4	.39	.02	.48	3	<5	<1	95	
D 197207	4	221	629	1456	64.8	3	4	1130	4.10	481	<8	<2	4	24	21.7	3	<3	2	.53	.091	24	7	.12	91<.01	<3	.63	.03	.32	<2	<5	<1	53	
D 197208	5	104	10215	679	219.0	1	<1	67	6.14	4699	<8	4	3	37	8.1	26	<3	1	.05	.095	16	8	.02	68<.01	<3	.53	.02	.88	3	<5	<1	2395	
D 197209	4	160	264	1415	34.0	<1	2	344	3.91	360	<8	<2	4	18	13.9	3	<3	2	.12	.096	22	5	.06	160<.01	4	1.00	.01	.32	<2	<5	<1	87	
D 197210	4	92	589	868	35.0	2	1	76	4.31	459	<8	<2	3	33	5.1	<3	<3	2	.06	.070	22	6	.03	253<.01	<3	.75	.02	.59	<2	<5	<1	82	
D 197211	8	122	9554	174	255.4	1	<1	40	7.10	10782	<8	2	3	37	8.6	49	<3	2	.03	.039	9	9	.02	68<.01	4	.33	.01	.82	4	<5	<1	2720	
D 197212	10	1421	4190	169	115.5	<1	1	45	3.84	15375	10	<2	4	19	18.7	38	<3	2	.04	.057	9	9	.02	56<.01	<3	.38	.01	.47	6	<5	<1	954	
D 197213	6	57	1641	84	66.9	3	<1	37	3.56	3048	<8	<2	3	37	3.2	11	<3	1	.10	.057	16	12	.04	77<.01	<3	.41	.01	.66	4	<5	<1	260	
RE D 197213	6	56	1612	83	62.5	3	<1	40	3.51	3002	<8	<2	2	36	3.1	9	<3	1	.10	.056	16	11	.04	87<.01	<3	.41	.01	.66	4	<5	<1	276	
D 197214	3	88	1473	766	46.8	<1	<1	73	4.87	261	<8	<2	2	17	2.0	5	<3	1	.11	.079	20	9	.04	153<.01	<3	.54	.01	.65	3	<5	<1	73	
D 197215	5	81	2030	509	58.8	2	<1	60	4.08	338	<8	<2	3	21	1.4	4	<3	1	.09	.058	21	12	.03	180<.01	<3	.63	.01	.54	2	<5	1	238	
D 197216	5	35	122	641	6.8	<1	3	1353	3.48	622	<8	<2	3	18	5.8	<3	<3	2	.18	.069	26	6	.05	1082<.01	<3	.52	.01	.38	<2	<5	<1	8	
D 197217	5	110	1406	1491	284.8	5	<1	154	4.28	34587	<8	<2	2	9	30.0	31	<3	1	.09	.043	11	11	.02	69<.01	<3	.39	.01	.36	2	<5	<1	204	
D 197218	3	37	178	228	27.7	<1	3	266	2.16	8342	<8	<2	2	9	9.3	8	<3	1	.17	.065	16	6	.03	114<.01	<3	.46	.01	.40	3	<5	<1	23	
D 197219	3	67	143	649	5.6	2	2	1675	3.18	194	<8	<2	2	29	8.3	<3	<3	2	.80	.058	23	8	.15	101<.01	<3	.44	.01	.33	<2	<5	<1	3	
STANDARD C3/AU-R	29	71	36	186	6.9	40	15	861	3.72	58	18	4	22	33	25.7	17	28	87	.62	.094	19	189	.63	176	.09	21	2.10	.05	.18	18	<5	1	485
STANDARD G-2	2	4	3	45	<.3	5	4	564	2.13	4	<8	<2	4	75	<.2	<3	3	42	.67	.102	8	82	.60	236	.13	<3	.99	.07	.51	2	<5	1	<2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 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 SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 16 1999 DATE REPORT MAILED: *Aug 20/99* SIGNED BY: *C. Long* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Assay Ag in progress if 7 30 ppm.



ASSAY CERTIFICATE



Tiberon Minerals Ltd. PROJECT RUBY File # 9902912R
950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

SAMPLE#	Ag** oz/t
D 197207	1.86
D 197208	22.73
D 197209	1.03
D 197210	1.10
D 197211	20.58
D 197212	3.21
D 197213	1.84
D 197214	1.21
RE D 197214	1.20
D 197215	1.73
D 197217	8.33
D 197218	.80
STANDARD R-1	2.91

AG** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

- SAMPLE TYPE: ROCK PULP

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 20 1999

DATE REPORT MAILED: Aug 25/99

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ASSAY CERTIFICATE

Tiberon Minerals Ltd. PROJECT RUBY File # 9902966R
950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

SAMPLE#	Ag** OZ/t
D 197220	5.13
D 197225	13.58
RE D 197225	13.85

AG** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

- SAMPLE TYPE: CORE PULP

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 27 1999

DATE REPORT MAILED:

Sept 2/99

SIGNED BY: *C. Long*

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

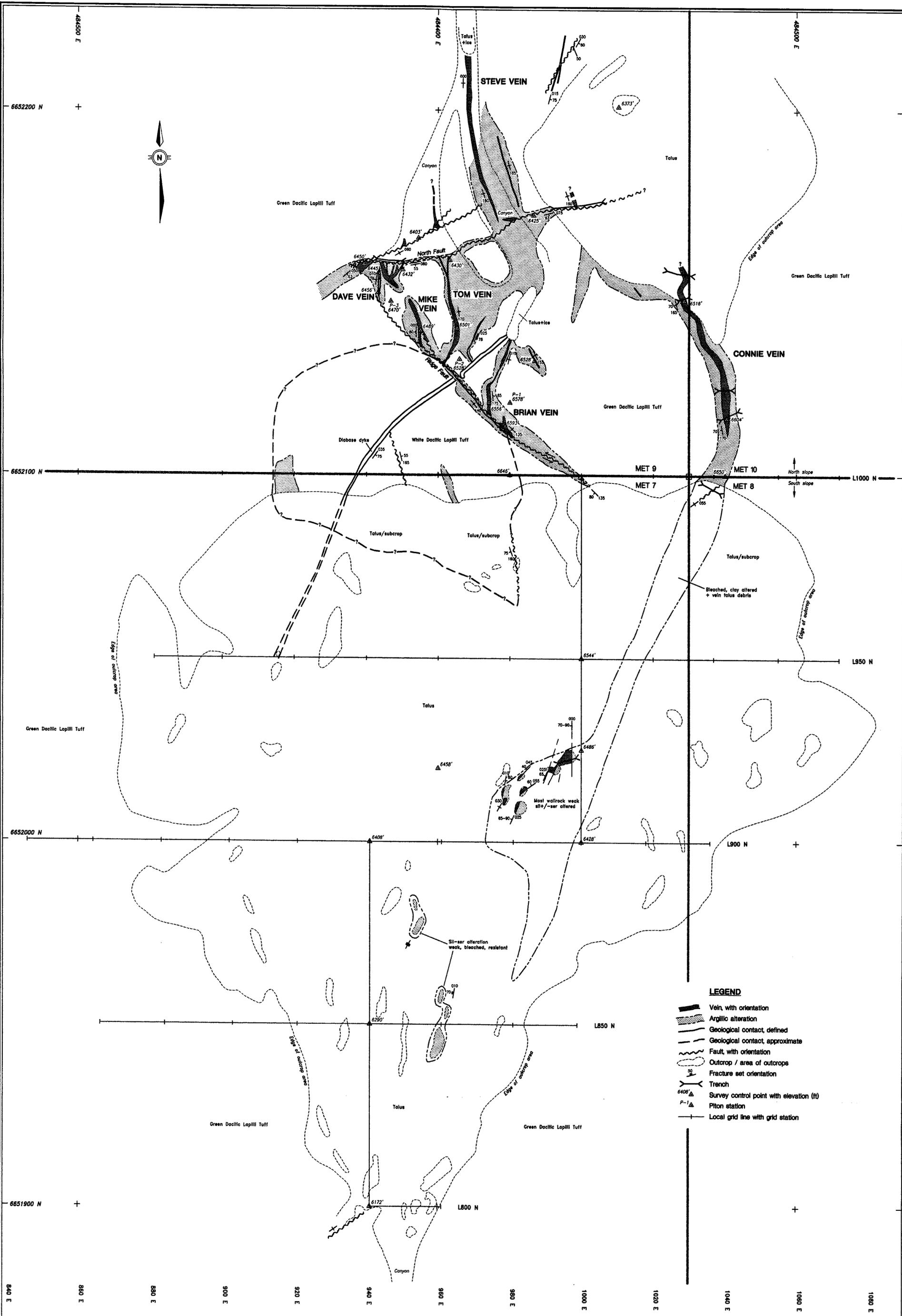
Tiberon Minerals Ltd. PROJECT RUBY File # 9902966
 950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Au**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppb
D 197220	8	65	7070	886	184.6	<1	<1	100	4.98	42193	<8	<2	2	34	30.2	12	<3	1	.52	.021	11	4	.02	128	<.01	<3	.22	.06	.41	<2	<5	<1	204
D 197221	3	100	572	1183	7.5	2	1	698	4.38	2406	<8	<2	2	57	13.9	<3	8	2	.64	.036	23	3	.05	152	<.01	<3	.42	.08	.43	<2	<5	<1	21
D 197222	2	88	337	2411	5.0	2	10	1205	3.67	1114	<8	<2	4	88	34.7	9	5	3	7.59	.038	37	4	.13	95	<.01	<3	.35	.03	.22	<2	<5	<1	7
D 197223	3	408	1872	2246	21.3	1	3	1239	2.32	41	<8	<2	6	54	126.6	5	<3	4	1.66	.043	37	7	.13	80	<.01	<3	.22	.05	.13	<2	<5	<1	<2
D 197224	2	290	1148	967	14.5	1	2	1300	2.15	7	<8	<2	5	80	40.0	6	3	7	2.43	.045	36	8	.16	91	<.01	<3	.24	.05	.12	<2	<5	<1	4
D 197225	2	431	4685	3298	363.9	2	1	963	6.40	229	<8	3	5	29	53.5	29	<3	4	.41	.039	23	5	.13	102	<.01	<3	1.05	.04	.24	<2	<5	<1	3007
D 197226	2	14	60	220	2.2	2	1	1365	2.81	23	<8	<2	4	55	5.1	<3	<3	2	2.11	.046	23	3	.16	81	<.01	<3	.32	.02	.21	<2	<5	<1	8
D 197227	2	5	20	43	2.1	<1	1	299	.72	288	<8	<2	6	12	.7	6	<3	<1	.54	.005	26	4	.02	71	<.01	<3	.21	.01	.19	2	<5	<1	7
RE D 197227	2	5	19	43	1.9	<1	<1	302	.71	285	<8	<2	6	12	.5	5	<3	<1	.54	.006	25	4	.02	71	<.01	<3	.21	.01	.19	<2	<5	<1	9
D 197228	4	3	11	71	<.3	<1	1	753	.68	573	<8	<2	5	19	1.0	4	<3	<1	.86	.013	31	4	.03	43	<.01	<3	.24	.01	.27	<2	<5	<1	<2
D 197229	4	1	3	8	.8	1	<1	3426	.80	11	<8	<2	5	114	<.2	<3	<3	<1	6.66	.009	24	4	.03	65	<.01	<3	.24	.01	.24	2	<5	<1	2
STANDARD C3/AU-R	26	64	36	171	5.8	34	12	794	3.43	58	22	3	21	31	23.9	17	21	81	.59	.089	18	175	.59	153	.09	21	1.94	.05	.17	14	<5	1	491
STANDARD G-2	2	3	<3	41	<.3	6	4	542	2.07	3	<8	<2	4	74	<.2	3	<3	40	.67	.095	8	82	.58	213	.13	3	.96	.07	.48	2	<5	<1	4

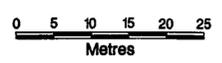
ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: CORE AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 19 1999 DATE REPORT MAILED: *Aug 26/99* SIGNED BY: *C. L.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

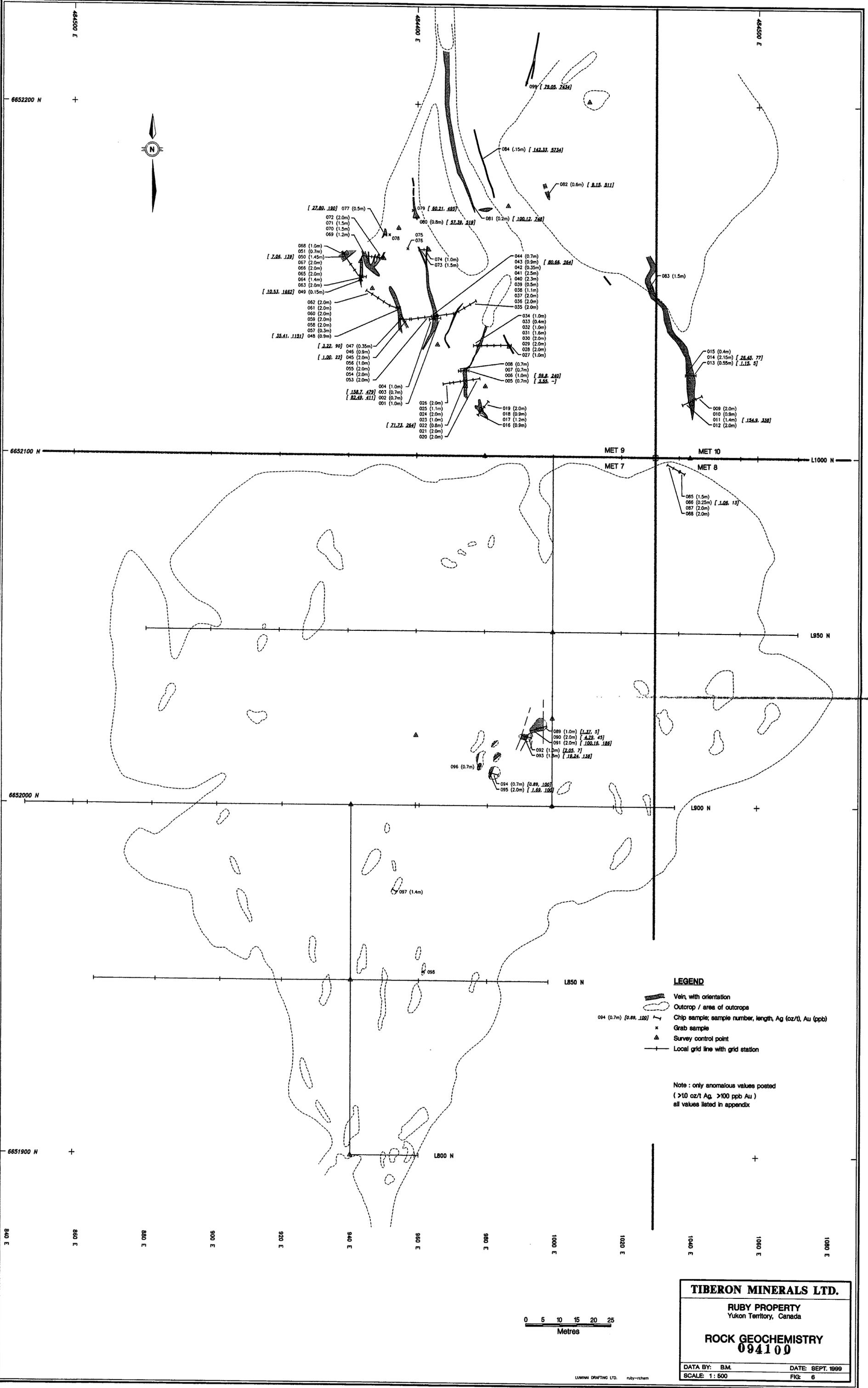
Assay Ag > 30ppm in progress



- LEGEND**
- Vein, with orientation
 - Argillic alteration
 - Geological contact, defined
 - Geological contact, approximate
 - Fault, with orientation
 - Outcrop / area of outcrops
 - Fracture set orientation
 - Trench
 - Survey control point with elevation (ft)
 - Piton station
 - Local grid line with grid station



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Yukon Territory, Canada
PROJECT GEOLOGY
094100
DATA BY: B.M. DATE: SEPT. 1999
SCALE: 1 : 500 FIG: 4



LEGEND

- Vein, with orientation
- Outcrop / area of outcrops
- Chip sample; sample number, length, Ag (oz/t), Au (ppb)
- Grab sample
- Survey control point
- Local grid line with grid station

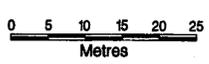
Note : only anomalous values posted
 (>10 oz/t Ag, >100 ppb Au)
 all values listed in appendix

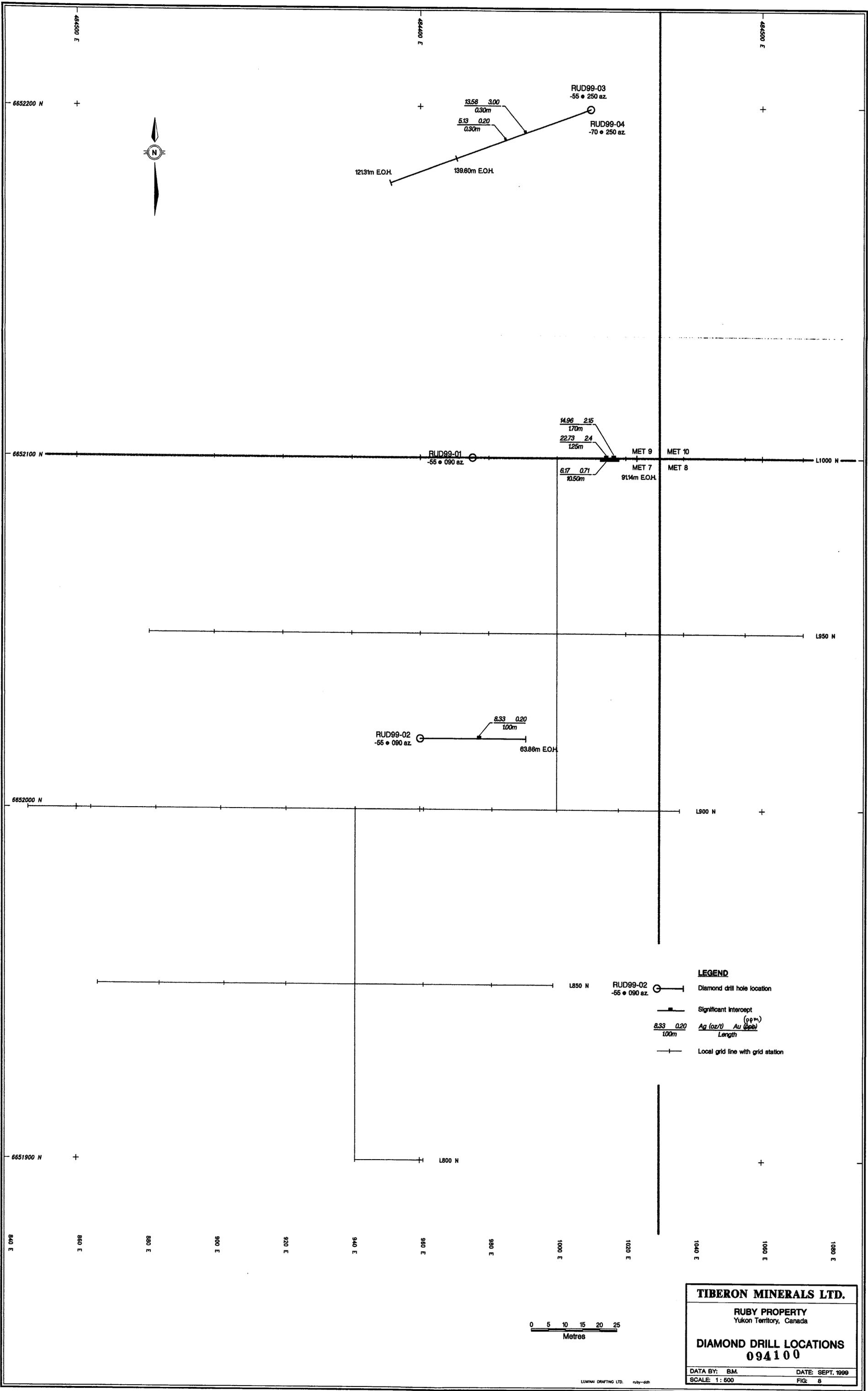
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 Yukon Territory, Canada

ROCK GEOCHEMISTRY
094100

DATA BY: BM. DATE: SEPT. 1999
 SCALE: 1: 500 FIG: 6





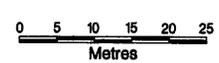
LEGEND

Diamond drill hole location

Significant intercept

$\frac{8.33 \text{ Ag (oz/t)} \quad 0.20 \text{ Au (ppm)}}{100m \text{ Length}}$

Local grid line with grid station



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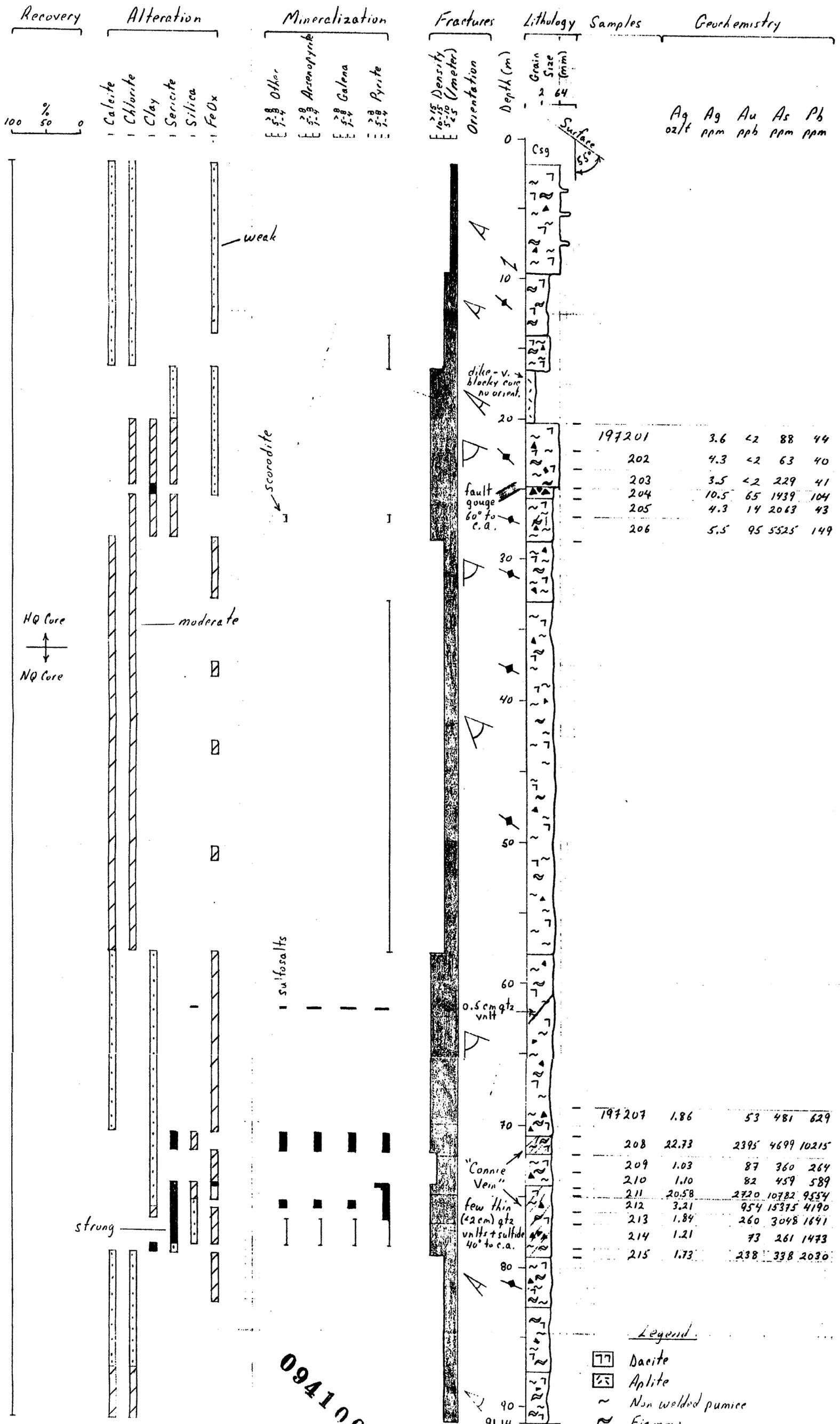
**DIAMOND DRILL LOCATIONS
094100**

DATA BY: B.M. DATE: SEPT, 1999
SCALE: 1: 500 FIG: 8

RUBY PROJECT - YUKON

Hole No: RUD 99-01
 Inclination/Bearing: -55°/90°az
 Date: 1999-08-02

UTM Coordinates: 6.652.100N
 484.415E
 Coller Elevation: 2025 masl.
 (Scale 1:250)



- Legend
- [7] Dacite
 - [8] Aplite
 - ~ Non welded pumice
 - ~ Fiamme
 - ▲ Lithic fragmentals (poly micr)
 - △ Lithic fragmentals (mono micr)
 - ↘ Stratigraphic layering
 - ↙ Eutaxitic foliation
 - / Fissures (quartz / FeOx)
 - ! Fault

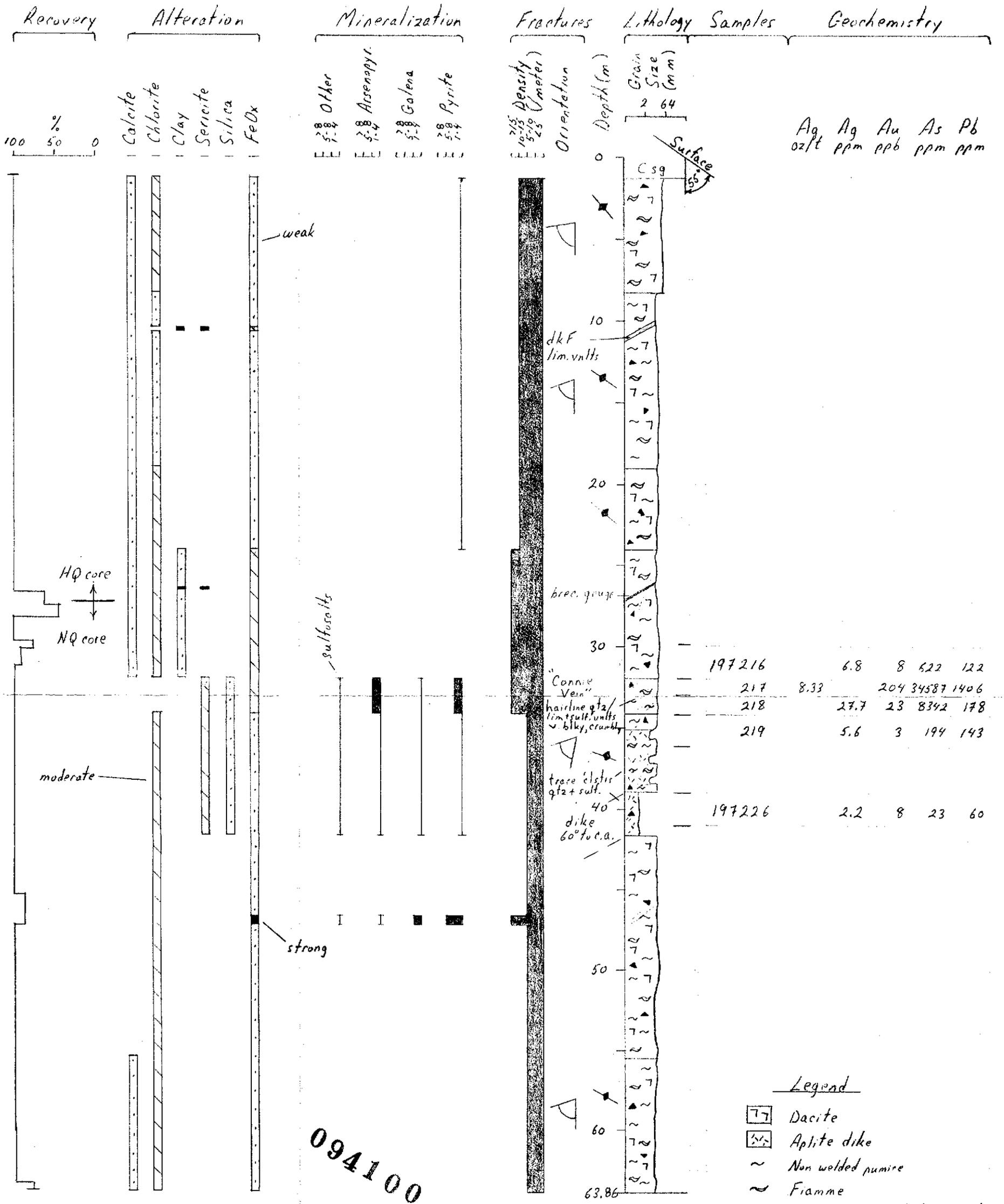
094100

Tiberon Minerals Ltd.
 RUBY PROPERTY
 DRILL HOLE PROFILE RUD 99-01
 Sept. 1999
 Figure 9

RUBY PROJECT - YUKON

Hole No: RUD 99-02
 Inclination / Bearing: -55° / 90° az.
 Date: 1999-08-04

UTM Coordinates: 6.652.020N
484.400E
 Collar Elevation: 1969 masl.
 Scale 1:250

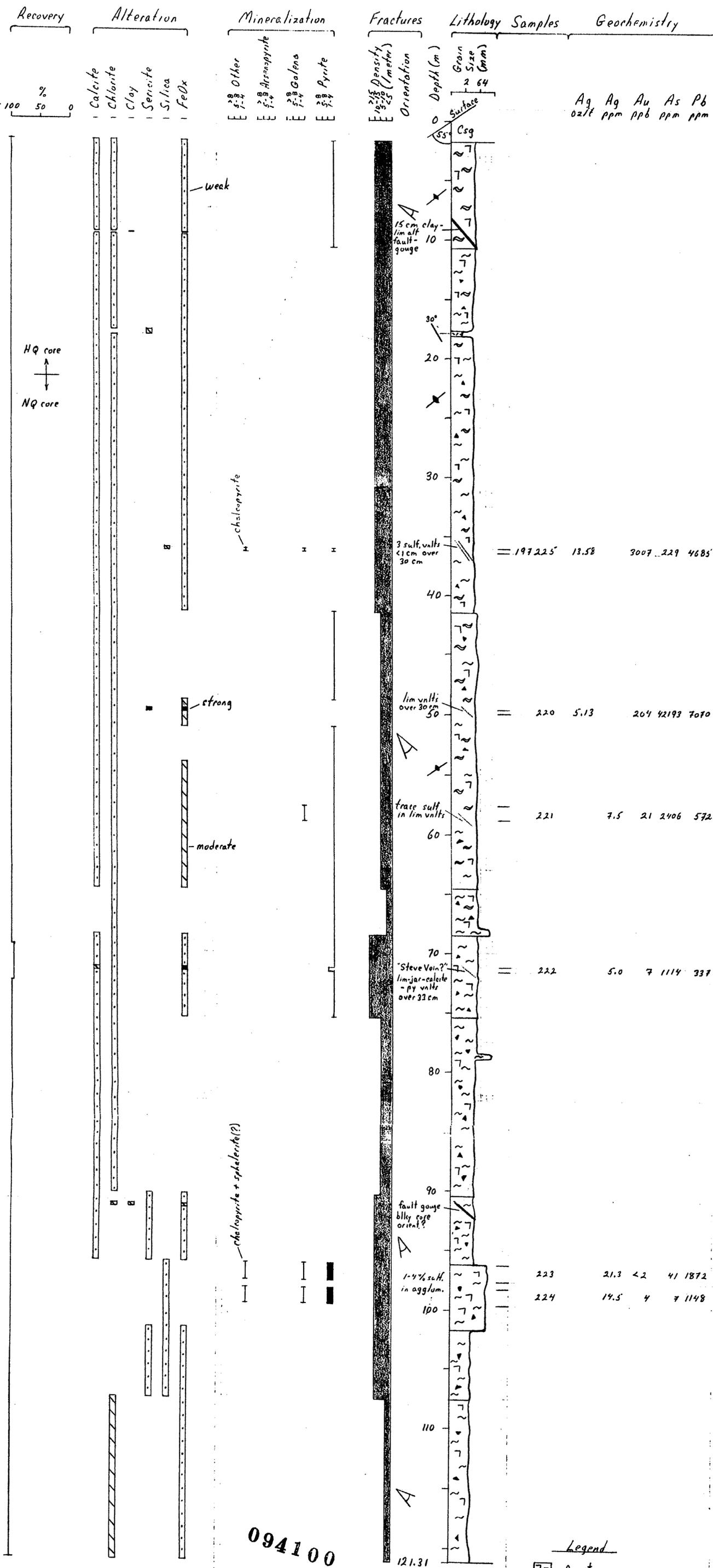


Tiberon Minerals Ltd.
 RUBY PROPERTY
 DRILL HOLE PROFILE RUD 99-02
 Sept. 1999
 Figure 10

RUBY PROJECT - YUKON

Hole No: RUD 99-03
 Inclination / Bearing: -55° / 250°az
 Date: 1999-08-12

UTM Coordinates: 6.652.201N
 484.450E
 Collar Elevation: 1943 masl.
 Scale 1:250

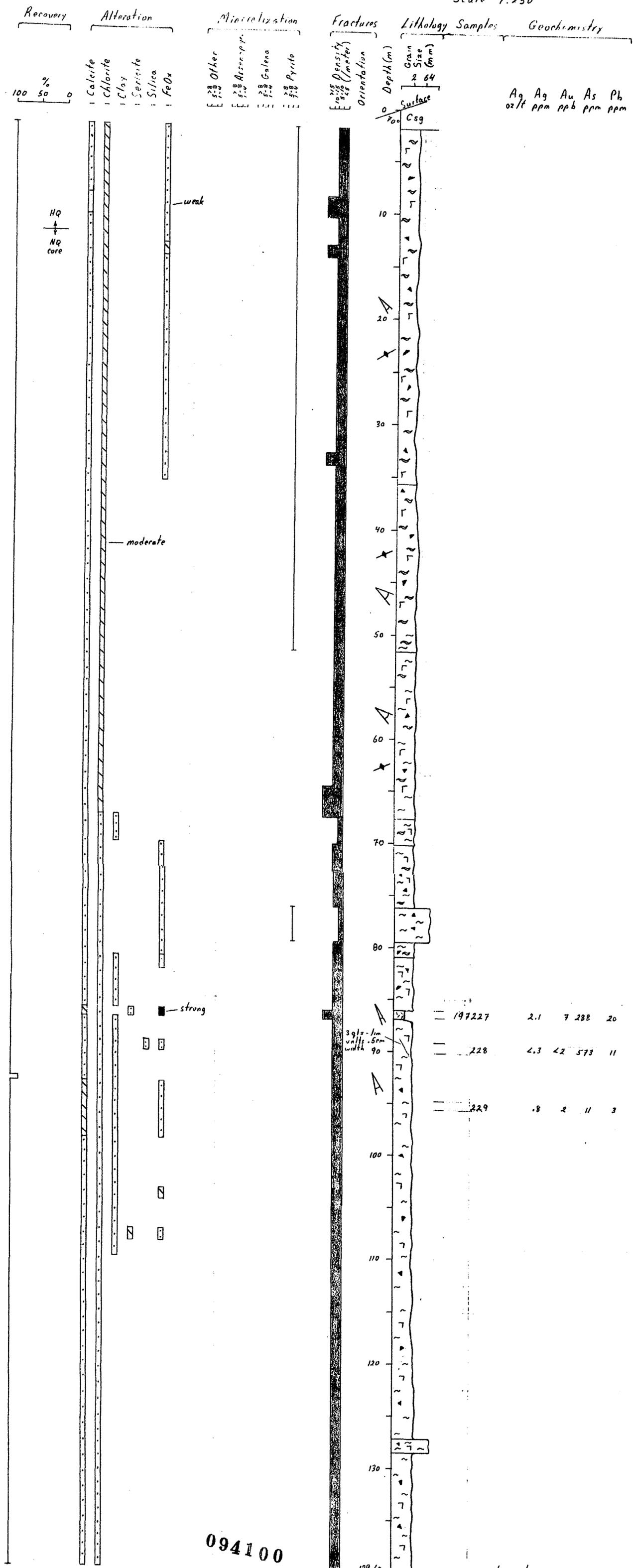


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 DRILL HOLE PROFILE RUD 99-03
 Sept. 1999
 Figure 11

RUBY PROJECT - YUKON

Hole No: RUD 99-04
 Inclination / Bearing: -70° / 250°az
 Date: 1999-08-15

UTM Coordinates: 6.652.201N
 484.450E
 Collar Elevation: 1943 masl
 Scale 1:250



094100

Tiberon Minerals Ltd.
 RUBY PROPERTY
 DRILL HOLE PROFILE RUD99-04
 Sept. 1999
 Figure 12

- Legend
- [] Dacite
 - [] Aplite dike
 - ~ Non welded pumice
 - ~ Fiamme
 - ▲ Lithic fragmentals (polymict)
 - ★ Eutaxitic foliation
 - Fissures (quartz/calcite/FeOx)
 - Fault

380 E 420 E 440 E 460 E 480 E

W
(270 az)

E
(90 az)

Elev.(a.s.l.)

RUD99-01
-55 ° 90 az.

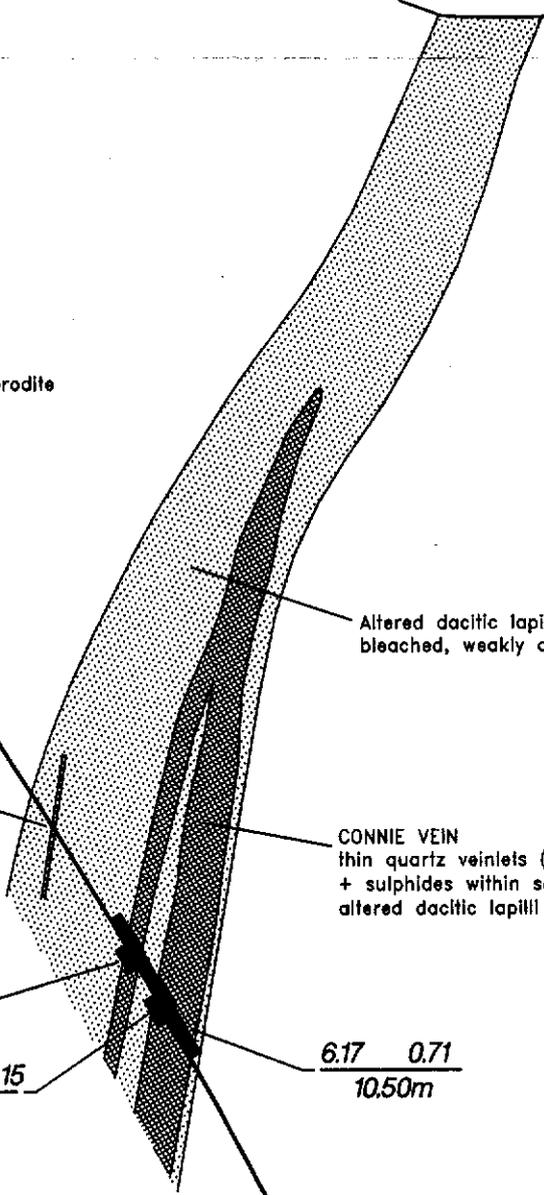
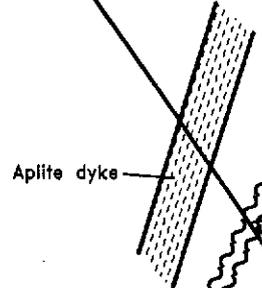
2025m

2000m

1975m

1950m

1925m



Aplite dyke

Ridge Fault

Fault gouge

Trace pyrite-scorodite
in fractures

Quartz veinlet, 0.5cm
+ sulphides, 40' to c.a.

Altered dacitic lapilli tuff,
bleached, weakly argillic altered

CONNIE VEIN
thin quartz veinlets (<2cm)
+ sulphides within sericite
altered dacitic lapilli tuff

$\frac{22.73}{1.25m}$ $\frac{2.4}{1.25m}$

$\frac{14.96}{1.70m}$ $\frac{2.15}{1.70m}$

$\frac{6.17}{10.50m}$ $\frac{0.71}{10.50m}$

91.14m E.O.H.

LEGEND

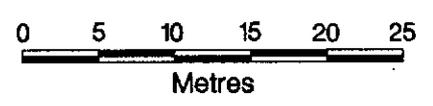
- Vein, with orientation
- Argillic alteration

RUD99-02 Diamond drill hole location
-55 ° 090 az.

Significant intercept

$\frac{8.33}{100m}$ $\frac{0.20}{100m}$ $\frac{Ag (oz/t)}{Length}$ $\frac{Au (ppb)}{Length}$

094100

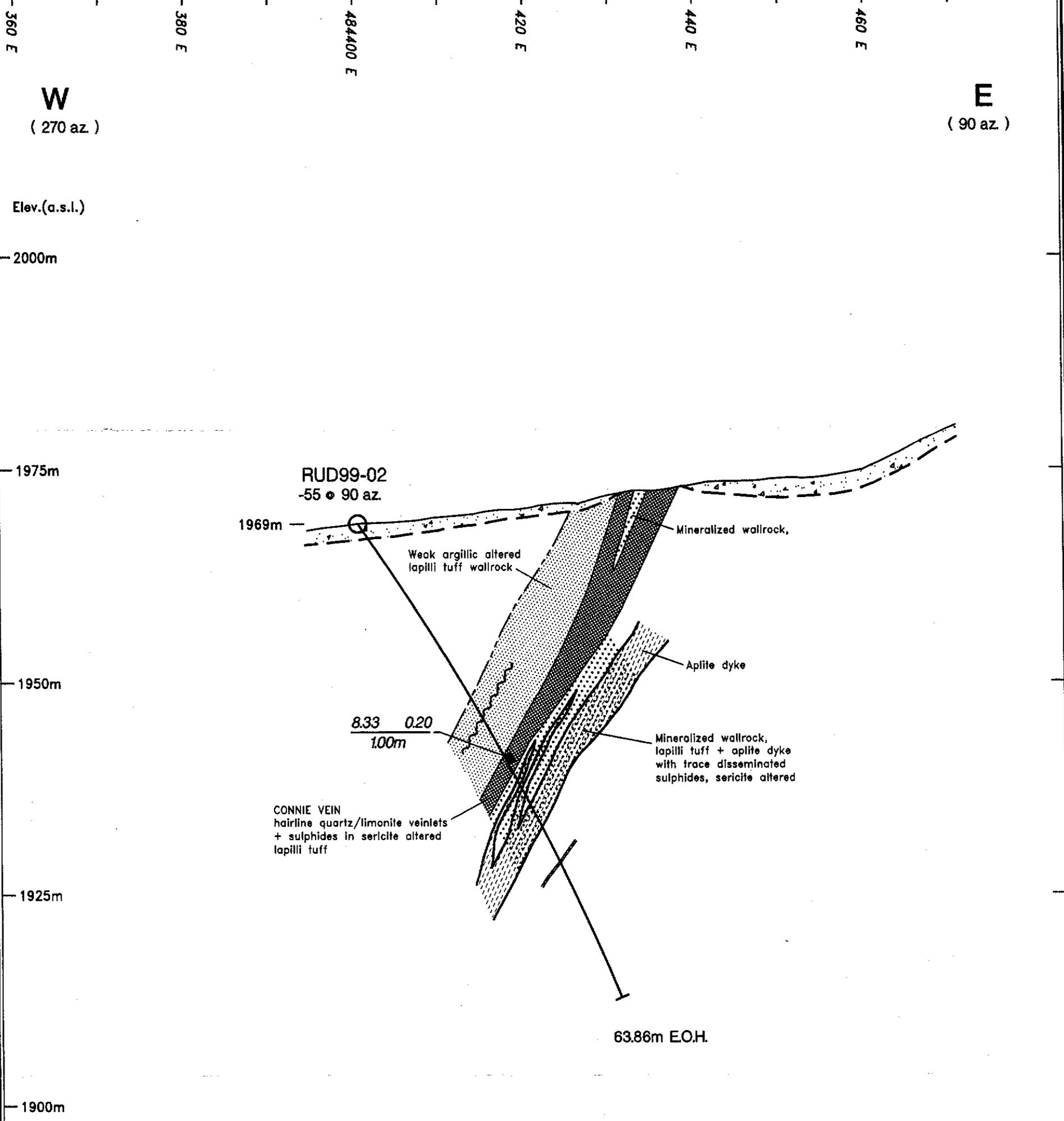


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**CROSS SECTION 6652100 N
RUD99-01**

DATA BY: B.M.	DATE: SEPT. 1999
SCALE: 1: 500	FIG: 13



W
(270 az)

E
(90 az)

Elev.(a.s.l.)

2000m

1975m

RUD99-02
-55 ° 90 az.

1969m

Weak argillic altered
lapilli tuff wallrock

Mineralized wallrock,

1950m

8.33 0.20
100m

Aplite dyke

Mineralized wallrock,
lapilli tuff + aplite dyke
with trace disseminated
sulphides, sericite altered

CONNIE VEIN
hairline quartz/limonite veinlets
+ sulphides in sericite altered
lapilli tuff

1925m

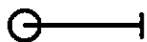
63.86m E.O.H.

1900m

LEGEND

- Vein, with orientation
- Argillic alteration

RUD99-02
-55 ° 090 az.



Diamond drill hole location



Significant intercept

8.33 0.20
100m

Ag (oz/t) Au (ppb)
Length

094100



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Yukon Territory, Canada

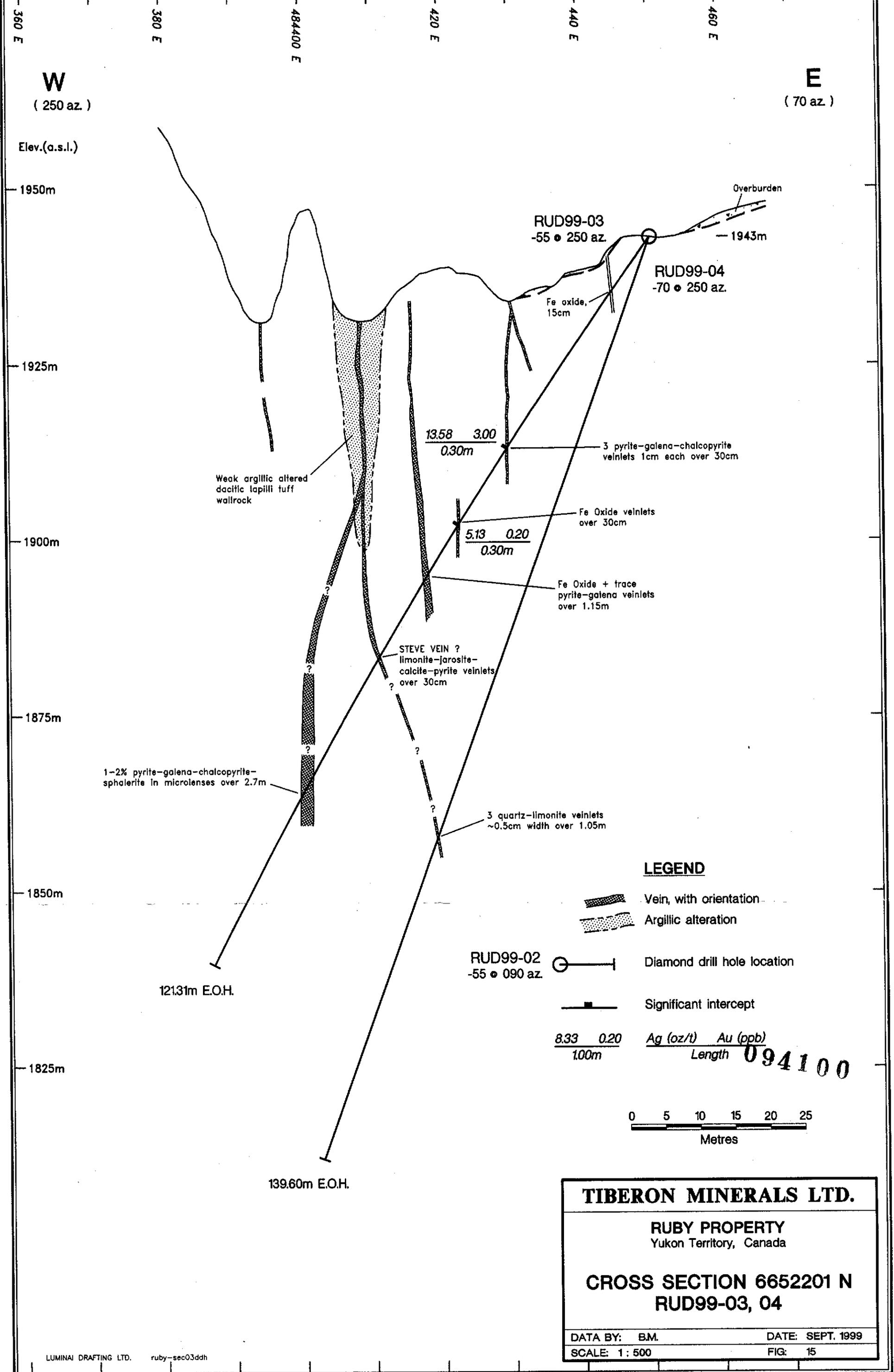
**CROSS SECTION 6652020 N
RUD99-02**

DATA BY: B.M.

DATE: SEPT. 1999

SCALE: 1 : 500

FIG: 14



W
(250 az.)

E
(70 az.)

Elev.(a.s.l.)

1950m

1925m

1900m

1875m

1850m

1825m

48400 E

420 E

440 E

460 E

RUD99-03
-55 ° 250 az.

RUD99-04
-70 ° 250 az.

RUD99-02
-55 ° 090 az.

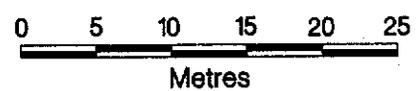
121.31m E.O.H.

139.60m E.O.H.

LEGEND

- Vein, with orientation
- Argillic alteration
- Diamond drill hole location
- Significant intercept
- $\frac{8.33}{100m}$ $\frac{0.20}{Length}$ Ag (oz/t) Au (ppb)

094100



TIBERON MINERALS LTD.

RUBY PROPERTY
Yukon Territory, Canada

**CROSS SECTION 6652201 N
RUD99-03, 04**

DATA BY: B.M. DATE: SEPT. 1999
SCALE: 1:500 FIG: 15