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)

Prepared for: Tiberon Minerals Ltd. By Brian Meyer P.Geol

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60°00'45"N / 135°17'00"W UTM[.] 6 652.000N / 484.500E

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 dnlling, 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 undertain 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





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 | 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 2Phase II Activities

17 days
415 91 m.
29 samples
,

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					
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.			

Table 31999 Exploration Expenditures

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.

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

Table 4Table of Formations



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 \pm 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 sencite-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 \pm 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 quadraturephase 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







Kilogammas

GEO BM		REPORT
DRAWN BM	Sept 1999	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°/090° 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.

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	· · · · · · · · · · · · · · · · · · ·

Table 5. Mineralized Intervals of RUD 99-01

7.2 RUD 99-02

The second hole was collared on the south slope at -55°/090° 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.

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		

Table 6.Mineralized Intervals of RUD 99-02

7.3 RUD 99-03

Hole three was collared on the north slope at 1943 masl, and oriented at -55°/250° 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.

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
		r i			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

Table 7.Mineralized Intervals of RUD 99-03

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:

1

Commercial (hotel, meals, a	ırfare, 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.

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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

18

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RUBY PROJECT - ROCK SAMPLES/DESCRIPTIONS

Sample	UTM	UTM	Sample	Description	Silver	Silver	Gold
Number	Northing	Easting	Type		mag	oz/t	daa
197001	6 852 139	484 407	1.0 m.chin	Riesched argulic-altered dacite Japilli tuff wallrock east side of Tom Vein		0.10	-34
197002	6,652,139	484,406	07 m chip	Tom Vein. East half of ven/sericite-silicito alteration-includes quartz + semi-massive arsenopyrite-galenasilver sulfosalts veniets and		82 49	411
	0,002,000		- · · · · · · · · · · · · · · · · · · ·	disseminated mineralization			
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	10 m chip	Bleached argillic-altered wallrock west side of Tom Vein		0 15	-34
197005	6,652,124	484,415	07 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	10 m chip	Brian Vein. Subparallel veinlets of quartz + semi-massive arsenopyrite-galena-silver sulfosatts within moderate pervasive sericite-silicic		59 80	240
1				altered and sulfide disseminated pale grey-yellow-green dacite lapilli tuff			
197007	6,652,124	484,413	07mchip	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	07 m chip	Bleached argillic-altered wallrock west of and adjacent to sample 007		0 20	-34
197009	6,652,117	484,484	20 m chip	Dacite lapilli-tuff Light grey-green, densely welded, slight waxy texture, moderate fracture density with limonite surfaces, weak selective clay-	82		2
L				chlorite alteration (argillic)			
197010	6,652,117	484,482	09m chip	Orange colored argilic-altered dacite lapili tuff wallrock east/footwall side of Connie Vein Densely fractured with moderate-strong pervasive	12 0		-2
L				limonite + coatings			
197011	6,652,116	484,481	14 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	1	154 90	338
1				semi-massive arseonpyrite-galena-silver sulfosalts (pyrargyrite-proustite-freibergite etc?)-pyrite + quartz veiniets subparallel to vein orientation	1 1		
				plus disseminated mineralization			
197012	6,652,116	484,480	20m chip	Bleached weak argulic-altered wallrock (hangingwall of Connie Vein) with few thin (10 cm) zones of patchy moderate limonitization containing	20		-2
				1-2% disseminated sulfide-silver sulfosalt mineralization, densely fractured	l		
197013	6,652,123	484,482	0 55 m chip	Bleached/orange argilic-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	1 1	26 45	77
L				arseonpyrite-galena-silver sulfosalts (pyrargyrite-proustite-freibergite etc?)-pyrite + quartz veinlets and minor disseminations			
197015	6,652,123	484,479	04 m chip	Bleached/orange argillic-altered wallrock-hangingwall of Connie Vein Densely fractured with moderate-strong limonitized surfaces	24.5		-2
19/016	6,652,112	484,418	09m chip	Bleached/yellow-orange weak-moderate argilitic-attered wallrock west side of (upper) Brian Vein Densely fractured with moderate-strong	17		6
407047	0.050.440	404.440	4.0	jarosine-imonite on sumaces Bounded to the west by the strike slip Ridge Fault \$130/90	┢───┘	0.00	
197017	6,652,113	484,119	12m chip	Brian Vein. 513599 Subparailei veiniets of quarz + semi-massive arsenopyrice-galena-silver suitosans within moderate pervasive sericite-	i '	0 89	80
107010	0.050.444	404 400		silicic altered and disseminated-suinde bearing paie grey-yeijow-green dache lapili tum	67		
197010	0,002,114	404,420		Deste locality and the provided allocation and the provided and the provid	07		
19/019	0,002,110	404,421	zum chip	chlorite-calcite alteration (propylitic)	''		-2
197020	6.652.122	484,418	20 m chip	Dacite lapilit tuff Light grey-green, densely welded, slight waxy texture, densely fractured with moderate limonitic surfaces, weak selective	07		-2
				chlorite-calcite (propylitic) alteration			
197021	6,652,122	484,416	20 m chip	Bleached, argillic-altered wallrock east side of Brian Vein Densely fractured with moderate limonitic surfaces	17		6
197022	6,652,122	484,415	08m chip	Brian Vein. S175/85E. Pale grey-green, moderate pervasive sencitic-silicic altered dacite lapili tuff, subparallel veinlets of quartz + semi-		71 73	264
l				massive arsenopyrite-galena-silver sulfosalts and disseminations			
197023	6,652,121	484,414	10 m chip	Pale-light grey weak argillic-altered walfrock west side of Brian Vein Densely fractured with moderate limonitic surfaces and calcite fillings	59		3
197024	6,652,121	484,413	20m chip	Light grey dacite lapilii tuff, weak-mod selective propylitic alteration (chlorite + calcite veinlets), waxy texture, minor limonite fracture surfaces	69		5
107005	0 050 404	404 414	1.1 m abu	Strike store same S44000. Blooked availing thered depends fractured with transition of force, much service evidences later	70		
19/025	0,002,121	404,411	i i m cnip	Strike-slip shear zone Statuson Bleached, arguite-attered, densely tractured with imminite-jarosite surfaces, minor arsenopyrite-pyrite veinlets	/ *		14
107000	8 650 404	494 400	2.0 m abin	and disseminations' west side of fault is white appling turk with significant increase in tapling content			
107027	6 652 122	404,408		prime vache lapin un vreak since alletation, abundant x-culting reg-brown namme mactures (innonite or MN 0xide?), densely fractured	13		
107020	6 652 122	484 427	20 m chip	Disaction argumeration of under a pulling the includes 2 mill verifier of surgesting to 100/80	20		위
107020	6 652 122	484 425	20m chip	Same as above	10		<u> </u>
197030	6 652 132	484 423	20 m chip	Same as above	0.8		
197031	6 652 132	484 421	16 m chin	Same as above	07	├─── ┨	
197032	6.652 132	484.419	10 m chip	Bleached arguillic-altered wallrock east side of Brian Vein. Densely fractured with moderate limonitic surface coatings	5.9	I	3
197033	6.652.132	484.418	04 m chip	Brian Vein, S015/90 Pale grey, moderate silicic-sericitic altered dacite labilit tuff, traces disseminated sulfosalts	20.3	 	49

Sample	UTM	UTM	Sample	Description	Silver	Silver	Gold
Number	Northing	Easting	Type	•	ppm .	oz/t	dqq
197034	6 652 132	484 417	10 m chin	Bleached argillic-attered wallrock west side of Brian Vein. Dense fractures with limonite-jarosite on surfaces	11 8		9
197035	6 652 144	484 417	20 m chip	light grey-green dacte apulli tuff weak-moderate selective propylitic alteration shoht waxy texture dense fractures with hematitic-limonitic	14		2
	0,002,771						
197036	6.652.143	484,416	20 m chip	Same as above Trace calcite veinlets	71		6
197037	6,652,142	484,414	20 m chip	Bleached pale green-grey weak arguluc-altered dacite lapilli tuff, densely fractured, spotty limonite common	20		-2
197038	6,652,141	48,412	11m chip	Same as above + spotty hematite One thin (1 cm) limonite veinlet	21		-2
197039	6,652,141	484,411	05 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- largeste Vein pinches and swells 10-50 cm	78		10
197040	6,652,141	484,410	23m chip	Pale-light green-grey weak argillic-altered dacite lapilii tuff Slight waxy texture, minor calcite verifiets, Densely fractured with trace limonitic surfaces	22		-2
197041	6,652,140	484,408	25 m chip	Same as above	17		-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	24		-2
197043	6,652,140	484,405	09m 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	07m chip	Bleached, moderate argillic-altered wallrock west side of Tom Vein Patchy jarosite-hematite-limonite	19 7		8
197045	6,652,139	484,398	20m 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	09m chip	Bleached pale grey argilitic-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
197.048	6,652,142	484,395	09m 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 chalcedony veins + moderate silicified wallrock. Adjacent to limonitic fault gouge		7 06	139
197051	6,652,157	484,378	07m chip	North Fault Vein. S050/63S(?) Intense orange clay- Irmonite fault gouge Adjacent to above sample	81		8
197052	6,652,155	484,384	05 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	20 m chip	Bleached argillic-weak silicic altered pale-light grey dacite lapilli tuff, minor x-cutting hairline quartz veinlets	10		19
197054	6,652,140	484,402	20m chip	Bleached pale-light green-grey argillic-altered + weakly chloritic, dense fractures with limonite surfaces, few thin silicified structures with MnO	23		3
197055	6,652,139	484,400	20 m chip	Same as above	17		6
197056	6,652,139	484,399	10m 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	68		15
197057	6,652,142	484,394	03m chip	Argillic-altered wallrock west side of Mike Vein (#048) Dense fractures with strong limonite-jarosite on surfaces + abundant spotty limonite	34		5
197058	6,652,142	484,393	20 m chip	Light green-grey argilic + weak selective chlorite-altered dacite lapili tuff, dense fractures with moderate limonite on surfaces	15		2
197059	6,652,143	484,392	20m chip	Same as above, trace calcite veinlets, trace thin quartz stringers with disseminated pyrite-arsenopyrite, weak jarosite-limonite on fracture surfaces	15		2
197060	6,652,144	484,390	20m chip	Light grey weak selective propylitic altered dacite lapilli tuff, spotty limonite-jarosite common, dense fractures, scattered sparse disseminated pyrite-chalcopyrite(?)	06		2
197061	6,652,145	484,388	20 m chip	Same as above	07		-2
197062	6,652,146	484,387	20m chip	Same as above, trace very fine grained disseminated pyrite-arsenopyrite	10		-2
197063	6,652,151	484,385	20m 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	15		-2
197064	6,652,151	484,383	14m 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	20m 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	91		12

Sample	UTM	UTM	Sample	Description	Silver	Silver	Gold
Number	Northing	Easting	Туре		ррт	oz/t	ppb
197066	6,652,152	484,381	20 m chip	Same as above	17		4
197067	6,652,154	484,380	20 m chip	Same as above	17		2
197068	6,652,158	484,378	10 m chip	Footwall of North Fault gouge zone (adjacent to #051), clay-altered, densely fractured with black MnO surface coatings	64		-2
197069	6,652,156	484,385	12 m chip	Mike Vein. S160/90 Pale green-grey sericitic-silicic altered, trace thin quartz veinlets with limonite boxworks, spotty-patchy limonite-jarosite,	11 2		48
				patchy scorodite(?), northern extent terminates at North Fault			
197070	6,652,156	484,387	15 m chip	Pale grey argilic-attered, waxy, abundant spotty limonite-jarosite-hematite, thin 5 cm wide vein of sericitic-silicic alteration 1-2% clusters of	34		32
				arsenopyrite-galena-sulfosalts			
197071	6,652,156	484,388	15 m chip	Same as above One 5 cm vein as above with no visible sulfides	22		10
197072	6,652,156	484,390	20m chip	Same as above 10 cm wide vein contains sulfide and sulfosalt clusters	40		40
197073	6,652,159	484,402	15 m chip	Bleached argillic-altered dacite lapilli tuff, waxy, abundant spotty limonite,	32		2
197074	6,652,159	484,403	10m chip	Same as above 10 cm wide vein S175/90 with no sulfides observed	94	, ,,	3
197075	6,652,159	484,397	grab	North Fault gouge zone Strong pervasive clay and moderate limonite alteration	60		-2
197076	6,652,159	484,397	grab	North Fault gouge zone Pale grey-green chalcedony fragments	12		3
197077	6,652,163	484,391	05 m chip	Vein. Pale green-grey sericite-silicic attered + 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	08m chip	Vein. Sericite-silicic alteration + veinlets of quartz + semi-massive arsenopyrite-galena-pyrite		57 39	519
197081	6,652,172	484,416	02m 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	06 m chip	North 2 Vein. S160/90 Sericite-silicic alteration + narrow quartz veinlets with clusters of arsenopyrie-galena-sulfosalts		9 15	511
197083	6,652,148	484,469	15 m chip	Connie Vein. S165/70W Sericite-silicic alteration + arsenopyrite-galena-pyrite-sulfosait disseminations		0 89	78
197084	6,652,185	484,419	0 15 m chip	Vein. S185/90 Sericite-silicic alteration + narrow guartz 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 lapili tuff, dense fractures with limonite +/- calcite, quartz in hairline fillings, 2 1-cm wide jarosite-	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	20 m chip	(trench) Bleached, arculuc attered, densely fractured with hairline limonite +/- calcite, guartz veniets	53		-2
197088	6 652 097	484 475	20 m chip	(trench) Same as above	59		-2
197085	6 652 022	484 438	10 m chip	Pale grey bleached wallrock, weak-moderate silicic-altered, spotty-patchy importe-hematite, dense fractures with minor MnO on surfaces		1.37	5
197090	6 652 022	484 437	20 m chip	Concle Vein Orientation? Pale grey moderate pervasive silicic alteration moderate-strong patchy sericite hairline quarty veinlets some up		4 29	45
	0,002,022			to 1 cm +/- taroste common faw bands of weak sticic wallock dense fractures with patchy weak importe-taroste coatings		. 20	
197091	6,652,022	484,435	20 m chip	Connie Vein. S015/80W-80E Adjacent to above sample Same as above Few guartz veniets up to 5 cm with abundant sulfides-jarosite-		100 16	186
				Importe-scorodite mineralization servicite-silicic part contains patches of disseminated sulfides densely fractured			
197092	6,652,020	484,434	10 m chip	Pale grey wallrock lens(2) within Connie Vein (same location as above), dark red hematite-MnO weathered surface, weak pervasive silicic		2 05	7
	-,,			alteration densely fractured with limonite-hematite-MnO on surfaces			1 1
197093	6,652,020	484,433	18 m chip	Connie Vein. \$025/65W. Same location as above. Overall vein width is 5.8 m. Minor quartz-sulfide veinlets within pale grev-vellow moderate		19 24	136
1	-,			pervasive silicic sericitic altered rock scattered patches with disseminated sulfides moderately fractured			
197094	6 652 008	484 424	20 m chin	Wallrock east side of Connie Vein pale grey weak pervasive silicic groundmass, moderately welded with sericite-argulic altered fiamme		0.89	100
197095	6 652 009	484 422	0.7 m chip	Connie Vein \$025/65W Pale draw moderate nervesive silicio-servicire alteration few quartz validate with sulficies Vein exposures in this area		1 69	100
	0,002,000			are discontinuous with various orientations and ninch and swells significantly		100	
197096	8 652 011	484 419	0.7 m chip	And algorithm way, which which control the draw moderate silver, seriate nervasive alteration few quartz-arsenonyrite galang-pyrite sulfasalt	13.9		45
	4,002,011			veniets abundant spotty-patchy importe-jarosita			
197097	6 651 975	484 435	14 m chin	Bleached weak nervasive silicic-sericitic alteration \$030/90 dense fractured with strong bematite-imposite/usrosite) on surfaces	19.0		73
197099	6 651 953	484 403	0.5 m orab	Same as above	13.7		
107000	6 652 206	484,432	orab	Vein, S015/75 F 5 cm width semi-massive arsenopyrite-galena adjacent to left lateral strike slin fault (S030/60E rake 50S)	· · · · ·	79.05	7434

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APPENDIX II

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RUBY PROPERTY - ROCK GEOCHEMICAL ANALYSIS CERTIFICATES

ACME ANAL (ISO	YTIC 9002	AL AC	LABC	RAT	ORIE d Co	S L .) Tik	Dero 95	<u>on</u> 0 - 5	85. Min	GEO GEO era.	HAS CHE LS ve S.	MIC Ltc	GS AL L. J Calga	ST. AN PRC	VAN IALY JEC	SIS T I	RUB	ERT <u>Y</u> ubmit	IF: Fi	ICA	TE # 9	902 n F.	PH 200 Dudk	ONE (6) 1 a	04)2	- 3 - 3	1.58	FA	K (6 U	4)2	53-		;= A C
SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	N1 ppm	Со ррт	Mn ppm	Fe ۲	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	B1 ppm	V ppm	Ca ¥	P %	La ppm	Cr ppm	Mg %	Ba T ppm	1 B % ppm	A1 ¥	Na X	K X	W ppm	T-1 ppm	Hg ppm	Ag** oz/	* Au*' t oz/1
D 197001	7	113	31	969	26	<1	9	1202	4 06	478	<8	<2	5	26	46	7	<3	7	09	085	23	<1	04	819 < 0	1 <3	70	01	20	2	<5	<1	1/	0< 00
p 197002	7	138	10098	326	206 7	<]	<1	37	4 24	12720	<8	<2	4	64	28	311	<3	3	05	072	16	<1	02	132 < 0	1 <3	37	05	59	3	<5	1	82 49	9 01
D 197003	8	408	10530	446	227 4	2	<]	60	6 39	46981	<8	<2	5	31	10 3	817	<3	4	05	067	13	<1	02	86 < 0	1 <3	45	04	62	7	<5	1	158 7	2 01
p 197004	5	78	50	1621	72	<]	4	1495	4 29	119	<8	<2	5	- 33	21.3	6	<3	9	17	087	31	<1	06	135 < 0	1 <3	84	02	21	2	<5	<1	1	5< 00
D 197005	4	37	129	1245	74 6	<]	4	1491	3 87	1686	<8	<2	3	29	74	9	<3	4	08	086	25	<]	04	654 < 0	1 <3	76	02	35	2	<5	<]	3 5	5< 00
p 197006	8	173	11266	2317	214 9	2	<1	59	652	66011	<8	<2	3	24	41 0	385	<3	3	05	048	6	3	02	25 < 0	1 <3	40	01	48	19	<5	2	59 8	0 00
RE 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 < 0	1 <3	38	01	47	20	<5	2	58 4	9 00
þ 197007	3	27	79	1002	40	<]	· 8	2340	4 51	348	<8	<2	3	36	66	9	<3	4	17	093	26	<1	03	136 < 0	1 <3	85	01	33	2	<5	1	1	4< 00
þ 197008	3	45	98	955	70	2	5	1949	4 04	271	11	<2	4	50	60	7	<3	5	1 63	085	27	<1	16	197 < 0	1 <3	66	02	30	4	<5	<1	20	0< 00
TOM VEIN 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 0	1 <3	14	04	30	2	<5	<]	436 8	7 034
STANDARD C3/R 1/AU-1	26	65	44	165	59	37	12	781	3 44	62	16	3	21	29	23 5	22	27	83	57	087	19	174	63	159 1	0 22	1 95	05	17	15	<5	1	29	8 09
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 1	4 <3	99	08	48	2	<5	I	< 0	1< 00

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HN03-H20 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.

ACME ANALYTICAL LABORATORIES LTD.

ST. VANCOUVER BC GEOCHEMICAL ANALYSIS CERTIFICATE

V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716

Data FA

	Tiberon Minerals Ltd. PROJECT RUBY File # 9902150 Page 1 950 - 550 - 6th Ave S.W., Calgary AB T2P 0S2	Ľ											
SAMPLE# Mo Cu Pb ppm ppm ppm	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 pp												
D19700941429D197010317896D19701123369524D19701231414D19701359193	567 8.2 2 5 1015 4.12 32 <8												
D19701441011975D1970154498350D19701625959D197017514155D19701841576	341 538.6 2 1 239 3.57 15798 <8												
D 197019 4 5 32 D 197020 3 4 17 D 197021 4 13 33 D 197022 5 147 9459 D 197023 3 27 91	116 1.7 2 6 1505 4.17 29 <8												
D 197024 3 37 122 D 197025 3 83 95 D 197026 2 8 39 D 197027 3 9 35 D 197028 3 7 23	581 6.9 1 6 2719 3.93 175 <8												
D 197029 3 4 20 D 197030 4 4 26 D 197031 2 5 26 D 197032 5 12 44 RE D 197032 5 12 48	68 1.0 2 3 678 2.49 8 88 <2												
D197033640437D19703441958D1970354421D197036628240D1970375520	259 20.3 2 4 262 2.82 9727 8 <2												
D 197038 5 7 50 D 197039 7 29 75 D 197040 9 6 31 D 197041 6 15 20 D 197042 4 71 32	167 2.1 2 5 2098 3.93 58 <8												
STANDARD C3/AU-R 26 63 33 STANDARD G-2 1 3 4	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												
ICP500 G THIS LEACH I ASSAY RECOMM - SAMPLE TYP <u>Samples begi</u> DATE RECEIVED: JUL 12 19	ICP500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HN03-H20 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 RECETTED: WHI 12 1000 DATE REPORT WATERD.												

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

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Tiberon Minerals Ltd. PROJECT RUBY FILE # 9902150

Page 2

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Data FA YIL

SAMPLE#	Mo ppm	Cu ppr	Pl ppr	> Z	רי ח	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	8i ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	T 1 %	8 ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
D 197043	7	267	4982	25	2 44	1.1	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	80	3 1	9.7	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	83	6 2	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	34	6 2	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	11	2 11	4.3	ž	1	65	3.54	12472	<8	<2	Ž	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	17	9 73	37.5	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	26	1 32	25.3	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	12	5 23	59.7	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	' 12	7 22	24.1	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	5 130	1	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	20	6 44	9.4	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	16	5	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	1.77	.04	.16	18	<5	1	451
STANDARD G-2	2	4	<	6 4	4	<.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.

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

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	(ISO	9002	Accredite	ed Co.)

ASSAY CERTIFICATE

VANCOUVE



Ltd DROITECT PURY File # 9902150P

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PHONE (6047253-3158 FAX (004) 255

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

ME ANALYTICAL LABORATORIES LTD (ISO 9002 Accredited Co.)

Hssay in progress

GEOCHEMICAL ANALYSIS CERTIFICATE

1 R 6

PHONE (6047253-3150 FAX (004) 255-17

Data

AA

Tiberon Minerals	Ltd.	PROJECT	RUBY	File	#	9902279
950	- 550 - 6	6th Ave S.W.,	Calgary	AB T2P OS2		

SAMPLE#	Mo Cu ppm ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm p	Co Mn pm ppm	۶e %	As ppm	U U	Au Spm p	Th opm p	Sr ppm	Cd ppm	Sb ppm	8i ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba Tı ppm %	8 ppm	Al %	Na %	К % р	W pmqc	TI opmip	Hgi A pom	u** ppb
D 197053 D 197054 D 197055 D 197056 D 197057	4 6 4 11 4 14 4 23 6 50	17 42 55 101 120	440 225 402 234 1136	1.0 2.3 1.7 6.8 3.4	2 2 2 1 2	6 1481 6 1863 6 2339 6 1617 5 285	4.12 4.03 4.49 3.77 4.76	10 84 241 738 1614	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2 <2 <2	4 3 4 3 3	48 44 23 38 65	5.6 3.6 3.7 3.9 4.2	<3 <3 <3 3 <3	<3 <3 <3 <3 <3 <3	11 1 7 1 7 5 1 6	1.54 1.11 .28 1.15 .08	.093 .086 .100 .093 .066	28 23 29 24 23	8 6 4 8 6	.17 .11 .07 .11 .05	160<.01 212<.01 244<.01 1121<.01 171<.01	<3 <3 <3 <3 <3 <3	.57 .62 .71 .59 .60	.04 .02 .01 .01 .01	. 16 .24 .26 .31 .35	<2 <2 <2 <2 <2 <2 <2	<5 <5 <5 <5 <5	<1 <1 <1 <1 <1 <1	19 3 6 15 5
D 197058 D 197059 D 197060 D 197061 D 197062	3 9 3 7 3 2 3 4 4 5	27 36 17 17 28	336 169 105 95 107	1.5 1.5 .6 .7 1.0	2 2 2 2 1	5 1281 6 1358 5 1288 5 1139 6 1502	4.08 4.30 4.13 4.08 4.11	49 14 7 4 12	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2 <2	4 4 3 4 3	29 40 58 53 55	3.3 1.4 .4 <.2 .6	<3 <3 <3 <3 <3	<3 <3 <3 <3 <3	4 5 1 7 1 9 1 7 1	.71 1.22 1.88 1.76 1.91	.093 .095 .089 .092 .092	26 27 27 29 28	4 7 6 8 8	.20 .17 .19 .12 .17	115<.01 132<.01 122<.01 93<.01 127<.01	4 <3 <3 3 <3	.71 .58 .55 .64 .71	.01 .03 .04 .04 .03	.31 .28 .24 .19 .24	<2 <2 <2 <2 <2 <2	<5 <5 <5 <5 <5	<1 <1 <1 <1 <1	2 2 2 <2 <2
D 197063 D 197064 D 197065 D 197066 D 197066 D 197067	3 7 3 21 4 9 2 4 4 13	26 97 73 26 40	184 343 262 106 383	1.5 2.9 9.1 1.7 1.7	2 2 1 2	5 1576 6 695 6 1867 6 1407 7 1743	3.82 3.54 4.18 4.16 4.11	102 7839 1459 65 94	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2 <2 <2	3 2 4 4 4	59 75 48 67 71	1.0 5.8 3.1 .8 6.9	<3 5 <3 <3 <3	ব্য ব্য ব্য ব্য ব্য	5 2 2 5 1 5 2 4 1	2.04 .16 1.46 2.00 1.44	.084 .085 .098 .091 .092	26 18 28 28 31	5 6 5 5 6	.15 .04 .08 .10 .11	135<.01 72<.01 142<.01 309<.01 376<.01	<3 <3 <3 <3 <3 3	.52 .57 .63 .60 .70	.02 .01 .01 .03 .03	.27 .38 .33 .28 .31	2 <2 <2 2 <2 <2	<5 <5 <5 <5	<1 <1 <1 <1 <1	<2 17 12 4 2
D 197068 D 197069 D 197070 RE D 197070 D 197071	2 112 5 18 4 43 5 42 4 33	104 300 99 95 84	1744 39 466 471 277	6.4 11.2 3.4 4.6 2.2	4 2 3 2 3	6 5288 1 117 6 286 6 288 6 258	3.46 2.77 4.68 4.70 4.27	186 14567 7213 7275 3588	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2 <2	63 44 4	43 22 73 73 66	68.3 .9 3.6 3.6 5.2	<3 5 6 <3	3 3 3 3 3 3	5 1 2 4 2	.05 .07 .07 .08	.050 .087 .093 .094 .094	32 11 22 22 21	8 9 8 7 8	.05 .02 .03 .03 .03	155<.01 298<.01 455<.01 449<.01 1089<.01	ও ও ও ও ও ও ও	.59 .39 .66 .66	.03 .01 .01 .01 .01	.21 .55 .37 .37 .38	<2 5 <2 2 3	9 <5 <5 <5 <5	<1 1 <1 <1 1	<2 48 32 33 10
D 197072 D 197073 D 197074 D 197075 D 197076	4 34 4 10 5 43 10 57 5 7	132 26 69 147 15	252 127 119 287 13	4.0 3.2 9.4 6.0 1.2	2 2 3 2	5 388 7 2212 4 769 6 2454 <1 166	3.36 4.49 4.91 4.31 .35	7173 56 673 534 65	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2 <2	3 7 5 5 <2	55 37 86 22 4	2.7 1.7 .6 2.3 <.2	7 <3 4 <3 <3	ব ব ব ব ব ব	3 11 1 5 11 1	.09 .01 .14 .26 .06	.093 .103 .091 .085 .013	19 31 19 32 11	9 7 7 10 16	.03 .09 .06 .09 .09	953<.01 219<.01 391<.01 106<.01 27<.01	3 3 3 3 3	.57 .81 .58 .67 .27<	.01 .02 .01 .01 .01	.38 .21 .48 .10 17	2 <2 3 2 7	<5 <5 <5 <5	1 <1 <1 <1 <1	40 2 3 <2 3
D 197077 D 197078 D 197079 D 197080 D 197081	20 76 31 172 6 912 3 779 6 665	4300 723 10126 14766 28660	345 1216 4317 4715 10268	479.8 31.4 362.8 406.2 385.2	2 3 <1 3 <1	1 90 8 899 5 175 3 710 <1 70	3.27 5.34 21.67 7.90 10.06	18524 4609 99999 47291 99999	<8 <8 14 <8 <8	<2 <2 9 2 9	5 4 5 5 4	92 64 28 40 11	6.8 26.6 115.3 101.3 228.6	68 15 625 434 1212	<3 <3 10 <3 3	1 3 3 1	.08 .24 .30 .16 .04	.029 .021 .013 .039 .026	15 19 5 15 10	9 5 15 9 10	.03 .10 .01 .03 .01	211<.01 2253<.01 19<.01 38<.01 29<.01	3 <3 18 <3 7	.37 .67 .34 .50 .40	.02 .01 .01 .02 .01	.35 .27 21 38 .35	5 <2 6 <2 <2	<5 <5 <5 <5	<1 1 6 <1 2	190 23 495 519 748
D 197082 D 197083 Standard C3/AU-R Standard G-2	8 99 3 85 26 67 1 3	2432 265 39 4	172 140 165 41	294.0 35.4 5.7 <.3	2 3 37 8	1 60 1 161 13 781 5 556	3.37 4.21 3.36 2.06	38348 43042 59 <2	34 <8 25 <8	<2 <2 3 <2	2 2 19 4	33 11 29 70	3.5 2.5 23.5 <.2	68 43 17 <3	<3 <3 21 <3	2 4 82 40	.04 .08 .57 .65	.024 .061 .088 .093	9 7 19 8	10 11 170 80	.02 .02 .62 .62	97<.01 139<.01 150 .10 224 .14	4 6 21 <3	.54 .41 1.83 .95	.01 .01 .04 .08	.46 .40 .16 .45	5 7 20 2	<5 <5 <5 <5	<1 1 1 <1	511 78 466 2

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

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	Tiberen Minerala Itd DROIECT		a a a a a a a a a a a a a a a a a a a
	950 - 550 - 6th Ave S.W.,	Calgary AB T2P OS2	
	SAMPLE#	Âg** oz/t	
	D 197077 D 197078 D 197079 D 197080 D 197081	27.80 .85 60.21 57.39 100.12	
	RE D 197081 D 197082 D 197083 STANDARD R-1	99.31 9.15 .89 2.97	
	AG** BY FIRE ASSAY FROM 1 - SAMPLE TYPE: ROCK PULP	A.T. SAMPLE.	
ATE RECEIVED: JUL 27 1999	DATE REPORT MAILED: July 29/99 SI	GNED BY D. TOYE, C.LEONG, J. WANG; (CERTIFIED B.C. ASSAYERS
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VANCOUVER GEOCHEMICAL ANALYSIS CERTIFICATE

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V6A 1R6



Tiberon Minerals Ltd. PROJECT RUBY File # 9902611



950 - 550 - 6th Ave S.W., Calgary AB T2P OS2

852 E.

HASTINGS

SAMPLE# MoCuPbZnAgN1CoMnFeAsUAuThSrCdSbB1VCaPLaCrMgBaT1BAlNa	K W TI Hg Au**
א א היסם א היסם את היסם היסם איסם היסם היסם היסם היסם היסם היסם היסם ה	daa maa maa maa %
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
	42 2 c5 c1 c2
	.31 <2 <5 <1 5
	55 2 <5 <1 45
	57 22 25 21 186
D 197093 4 87 2205 270 267.4 5 1 92 5.84 15116 <8 <2 6 74 8.1 28 <5 5 .08 .068 16 7 .01 345<.01 <5 .44 .01 .	.56 2 <5 1 134
	63 3 45 41 100
	47 2 45 41 107
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 5.3 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 AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE. - SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Assay Silver in progress



APPENDIX III

RUBY PROPERTY VLF DATA

I

meters meters % % feet 1000 00 1040.00 0 00 -2 00 6655 00 1000 00 1020 00 -1 00 -2 00 6665 00 1000 00 1020 00 -1 00 -2 00 6662 00 1000 00 1010 00 -3.00 -4 00 66661 00 1000 00 190.00 -2 00 -4 00 6663 00 1000 00 980.00 -4 00 -10 00 6643 00 1000 00 980.00 -5 00 -10 00 6644 00 1000 00 950.00 -6 00 -16 00 6644 00 1000 00 950.00 -5 00 -13 00 6633 00 1000 00 920 00 -2 00 -13 00 6633 00 1000 00 920 00 -2 00 -13 00 6633 00 1000 00 920 00 -2 00 -13 00 6644 00 950.00 1070.00 -2 00 -13 00 6544 00 950.00 1080.00 -4 00 600 </th <th>Northing</th> <th>Easting</th> <th>In-Phase</th> <th>Quadrature</th> <th>Elevation</th>	Northing	Easting	In-Phase	Quadrature	Elevation
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	meters	meters	%	%	feet
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1000 00	1040.00	0 00	4 00	6650 00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1000 00	1030.00	0 00	-2 00	6656 00
1000 00 1010 00 -3.00 -4.00 6661 00 1000 00 1000.00 -2.00 -4.00 6665.00 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 6644.00 1000 00 950.00 -6.00 -13.00 6642.00 1000 00 950.00 -6.00 -16.00 6633.00 1000 00 930.00 -5.00 -16.00 6637.00 1000 00 920.00 -2.00 -13.00 6637.00 1000 00 920.00 -2.00 4.00 6614.00 950.00 1060.00 -4.00 4.00 6614.00 950.00 1070.00 -2.00 4.00 6639.00 950.00 1070.00 -2.00 4.00 6579.00 950.00 1030.00 -5.00 4.00 6571.00 950.00 1020.00 -5.00 4.	1000 00	1020 00	-1 00	-2.00	6662 00
1000 00 1000 00 200 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 00 960.00 -5 00 -10 00 6644 00 1000 00 960.00 -5 00 -16 00 6642 00 1000 00 950 00 -6 00 -13 00 6642 00 1000 00 940.00 -6 00 -16 00 6637 00 1000 00 920 00 -2 00 -13 00 6630 00 950.00 1070.00 -2.00 4.00 6629 00 950.00 1060.00 -4.00 4 00 6654 00 950.00 1050.00 -4.00 4 00 6554 00 950.00 1030.00 -5.00 4.00 6558 00 950.00 10100 -5.00 4.00 6534 00 950.00 1000.00 -6.00 -2.00 6544.00 950.00 990.00 -13 00 -12 00 </td <td>1000 00</td> <td>1010 00</td> <td>-3.00</td> <td>-4 00</td> <td>6661 00</td>	1000 00	1010 00	-3.00	-4 00	6661 00
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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 6532.00 950.00 950.00 -14.00 -12.00 6532.00 950.00 940.00 -13.00 -10.00 6532.00 950.00 940.00 -13.00 -11.00 6532.00 950.00 920.00 -15.00 -11.00 6532.00 950.00 900.00 -13.00 -15.00 6532.00 950.00 900.00 -13.00 -15.00 6532.00 950.00 900.00 -13.00 -16.00 6532.00 950.00 890.00 -13.00 -18.00 6532.00 950.00 890.00 -13.00 -16.00 6542.00 900.00 840.00 -17.00 -22.00 6492.00 900.00 860.00 -20.00 -16.00 6456.00 900.00 870.00 -23.00 -10.00 6446.00 900.00 890.00 -23.00 -10.00 6442.00 900.00 900.00 -23.00 -10.00 6446.00 900.00 900.00 -23.00 -10.00 6442.00 900.00 900.00 -23.00 -10.00 6446.00 900.00 900.00 -23	950.00	1010 00	-5.00	2.00	6551 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 6532.00 950.00 920.00 -15.00 -11.00 6532.00 950.00 900.00 -14.00 -15.00 6532.00 950.00 900.00 -14.00 -15.00 6532.00 950.00 900.00 -13.00 -16.00 6532.00 950.00 890.00 -13.00 -16.00 6542.00 950.00 880.00 -13.00 -18.00 6479.00 900.00 840.00 -17.00 -22.00 6446.00 900.00 850.00 -23.00 -10.00 6446.00 900.00 880.00 -23.00 -10.00 6446.00 900.00 890.00 -23.00 -10.00 6446.00 900.00 900.00 -23.00 -10.00 6446.00 900.00 900.00 -23.00 -10.00 6446.00 900.00 900.00 -23.00 -10.00 6446.00 900.00 900.00 $-$	950.00	1000.00	-6.00	-2.00	6544.00
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 -11.00 6532.00 950.00 920.00 -15.00 -11.00 6532.00 950.00 920.00 -15.00 -11.00 6532.00 950.00 900.00 -13.00 -15.00 6532.00 950.00 900.00 -13.00 -15.00 6532.00 950.00 900.00 -14.00 -15.00 6532.00 950.00 890.00 -13.00 -16.00 6552.00 950.00 880.00 -17.00 -22.00 6492.00 900.00 840.00 -17.00 -22.00 6492.00 900.00 850.00 -23.00 -10.00 6446.00 900.00 870.00 -23.00 -10.00 6446.00 900.00 890.00 -23.00 -10.00 6442.00 900.00 920.00 -24.00 -2.00 6410.00 900.00 920.00 -24.00 -2.00 6410.00 900.00 920.00 -17.00 -2.00 6410.00 900.00 920.00 -17.00 -2.00 6410.00 900.00 920.00 $-17.$	950.00	990.00	-10 00	-4.00	6539 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 6532.00 950.00 900.00 -14.00 -15.00 6532.00 950.00 900.00 -14.00 -15.00 6532.00 950.00 890.00 -13.00 -16.00 6542.00 950.00 890.00 -13.00 -16.00 6422.00 900.00 840.00 -17.00 -22.00 6492.00 900.00 850.00 -20.00 -16.00 6466.00 900.00 850.00 -23.00 -10.00 6446.00 900.00 890.00 -23.00 -10.00 6446.00 900.00 900.00 -22.00 -400 6409.00 900.00 920.00 -24.00 -2.00 6410.00 900.00 930.00 -16.00 -4.00 6409.00 900.00 940.00 -17.00 -2.00 6408.00 900.00 960.00 -16.00 -3.00 6408.00 900.00 960.00 -15.0	950.00	980 00	-13 00	-8.00	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 6532.00 950.00 920.00 -15.00 -11.00 6532.00 950.00 900.00 -13.00 -15.00 6532.00 950.00 900.00 -14.00 -15.00 6532.00 950.00 890.00 -13.00 -16.00 6542.00 950.00 890.00 -13.00 -16.00 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 -10.00 6446.00 900.00 890.00 -23.00 -10.00 6446.00 900.00 900.00 -23.00 -10.00 6446.00 900.00 900.00 -22.00 6410.00 900.00 920.00 -24.00 -2.00 6408.00 900.00 930.00 -18.00 -10.00 6446.00 900.00 920.00 -24.00 -2.00 6410.00 900.00 920.00 -24.00 -2.00 6408.00 900.00 920.00 -17.00 -3	950.00	970 00	-13 00	-12 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 $6532\ 00$ 950.00 920.00 $-15\ 00$ $-15\ 00$ $6532\ 00$ 950.00 900.00 -14.00 $-15\ 00$ $6532\ 00$ 950.00 900.00 -14.00 $-15\ 00$ $6532\ 00$ 950.00 890.00 $-13\ 00$ -16.00 $6542\ 00$ 950.00 890.00 $-13\ 00$ $-18\ 00$ $6552\ 00$ 900.00 $840\ 00$ $-17\ 00$ $-22\ 00$ 6492.00 900.00 $850\ 00$ $-18\ 00$ $6479\ 00$ 900.00 $860\ 00$ $-20\ 00$ $-16\ 00$ $6466\ 00$ 900.00 $870\ 00$ $-23\ 00$ -10.00 $6446\ 00$ $900\ 00$ $890\ 00$ $-23\ 00$ -10.00 $6446\ 00$ $900\ 00$ $900\ 00$ $-23\ 00$ -10.00 $6446\ 00$ $900\ 00$ $920\ 00$ $-24\ 00$ $-2\ 00$ $6410\ 00$ $900\ 00$ 930.00 $-18\ 00$ $-20\ 00$ $6408\ 00$ $900\ 00$ $920\ 00$ $-23\ 00$ -10.00 $6446\ 00$ $900\ 00$ $920\ 00$ $-23\ 00$ -10.00 $6446\ 00$ $900\ 00$ $920\ 00$ $-24\ 00$ $-2\ 00$ $6410\ 00$ $900\ 00$ $920\ 00$ $-16\ 00$ $-10\ 00$ $6408\ 00$	950.00	960.00	-13.00	-14 00	6534 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 $-15\ 00$ $6532\ 00$ 950.00 900.00 -14.00 $-15\ 00$ $6532\ 00$ 950.00 890.00 $-13\ 00$ -16.00 $6542\ 00$ 950.00 890.00 -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 $870\ 00$ $-23\ 00$ -10.00 $64456\ 00$ $900\ 00$ $890\ 00$ $-23\ 00$ -10.00 $64424\ 00$ $900\ 00$ 900.00 $-25\ 00$ -10.00 $6417\ 00$ $900\ 00$ $920\ 00$ $-24\ 00$ $-2\ 00$ 6410.00 $900\ 00$ 930.00 $-16\ 00$ -4.00 6408.00 $900\ 00$ 950.00 $-16\ 00$ $-10\ 00$ 6408.00 $900\ 00$ $960\ 00$ $-15\ 00$ $-3\ 00$ 6408.00 $900\ 00$ $960\ 00$ $-15\ 00$ $-3\ 00$ $6410\ 00$	950 00	950 00	-14 00	-12 00	6533.00
$950\ 00$ $930\ 00$ $-15\ 00$ -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 $6542\ 00$ 950.00 890.00 $-13\ 00$ -16.00 $6552\ 00$ 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 $850\ 00$ $-20\ 00$ $-16\ 00$ $6466\ 00$ 900.00 $860\ 00$ $-20\ 00$ $-16\ 00$ $6456\ 00$ 900.00 $870\ 00$ $-23\ 00$ -10.00 6446.00 $900\ 00$ $890\ 00$ $-23\ 00$ -10.00 $64424\ 00$ $900\ 00$ 900.00 $-25\ 00$ -10.00 $6417\ 00$ $900\ 00$ $920\ 00$ $-24\ 00$ $-2\ 00$ 6410.00 $900\ 00$ 930.00 $-17\ 00$ -2.00 6408.00 $900\ 00$ 950.00 $-16\ 00$ $-1\ 00$ 6408.00 $900\ 00$ 950.00 $-16\ 00$ $-1\ 00$ 6408.00 $900\ 00$ $960\ 00$ $-15\ 00$ $-3\ 00$ 6408.00 $900\ 00$ $960\ 00$ $-13\ 00$ $-3\ 00$ 6408.00	950 00	940.00	-13 00	-10 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 6466.00 900.00 860.00 -23.00 -10.00 6446.00 900.00 880.00 -23.00 -10.00 6444.00 900.00 890.00 -23.00 -10.00 6442.00 900.00 900.00 -23.00 -10.00 6446.00 900.00 900.00 -22.00 6410.00 900.00 910.00 -25.00 -10.00 6417.00 900.00 930.00 -18.00 -4.00 6409.00 900.00 920.00 -24.00 -2.00 6410.00 900.00 930.00 -16.00 -1.00 6408.00 900.00 950.00 -16.00 -1.00 6408.00 900.00 960.00 -15.00 -3.00 6408.00 900.00 960.00 -13.00 -3.00 6410.00	950 00	930 00	-15 00	-12.00	6532.00
950.00 910.00 -1300 -1500 653200 950.00 900.00 -14.00 -1500 653200 950.00 890.00 -1300 -16.00 654200 950.00 88000 -13.00 -1800 655200 900.00 84000 -1700 -2200 6492.00 900.00 85000 -18.00 -1800 647900 900.00 86000 -2000 -1600 646600 900.00 86000 -2300 -12.00 6446.00 900.00 880.00 -2300 -10.00 6446.00 900.00 89000 -2300 -10.00 6446.00 900.00 900.00 -2300 -10.00 6446.00 900.00 900.00 -2300 -10.00 642400 900.00 900.00 -2500 -10.00 642400 900.00 91000 -2500 -10.00 641700 900.00 92000 -2400 -200 6410.00 900.00 930.00 -1700 -2.00 6408.00 900.00 950.00 -1600 -100 6408.00 900.00 950.00 -1500 -300 6408.00 900.00 970.00 -1300 -300 6410.00	950.00	920.00	-15.00	-11.00	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 6479.00 900.00 850.00 -20.00 -16.00 6466.00 900.00 860.00 -20.00 -16.00 6456.00 900.00 870.00 -23.00 -10.00 6445.00 900.00 890.00 -23.00 -10.00 6435.00 900.00 990.00 -23.00 -10.00 6444.00 900.00 900.00 -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 6408.00 900.00 960.00 -15.00 -3.00 6410.00	950.00	910.00	-13 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 6466.00 900.00 860.00 -23.00 -16.00 6456.00 900.00 870.00 -23.00 -10.00 6445.00 900.00 890.00 -23.00 -10.00 6435.00 900.00 900.00 -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 6408.00 900.00 950.00 -16.00 -1.00 6408.00 900.00 970.00 -13.00 -3.00 6408.00	950.00	900.00	-14.00	-15 00	6532 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 6445.00 900.00 900.00 -23.00 -10.00 6444.00 900.00 900.00 -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 6408.00 900.00 950.00 -15.00 -3.00 6408.00 900.00 970.00 -13.00 -3.00 6410.00	950.00	890.00	-13 00	-16.00	6542 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 $900\ 00$ $890\ 00$ $-23\ 00$ $-10\ 00$ 6445.00 $900\ 00$ 900.00 $-23\ 00$ $-10\ 00$ $6424\ 00$ $900\ 00$ 900.00 $-25\ 00$ -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 $900\ 00$ $960\ 00$ $-15\ 00$ $-3\ 00$ $6410\ 00$	950.00	880.00	-13.00	-18 00	6552 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 6445.00 900.00 900.00 -23.00 -10.00 6424.00 900.00 900.00 -25.00 -10.00 6417.00 900.00 920.00 -24.00 -2.00 6410.00 900.00 930.00 -18.00 -4.00 6409.00 900.00 930.00 -16.00 -1.00 6408.00 900.00 940.00 -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	840 00	-17 00	-22 00	6492.00
900.00 800.00 -20.00 -18.00 6486.00 900.00 870.00 -23.00 -12.00 6456.00 900.00 880.00 -23.00 -10.00 6446.00 900.00 890.00 -23.00 -10.00 6446.00 900.00 890.00 -23.00 -10.00 64424.00 900.00 900.00 -23.00 -10.00 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 6408.00 900.00 950.00 -15.00 -3.00 6408.00 900.00 970.00 -13.00 -3.00 6410.00	900.00	850.00	-16.00	-18 00	6479 00
900.00 870.00 -23.00 -12.00 6436.00 900.00 880.00 -23.00 -10.00 6446.00 900.00 890.00 -23.00 -10.00 6446.00 900.00 890.00 -23.00 -10.00 6435.00 900.00 900.00 -23.00 -10.00 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	870.00	-20 00	-10 00	6466 00
900 00 800.00 -23 00 -10.00 6440.00 900 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	880.00	-23.00	-12.00	6446 00
900 00 900 00 -23 00 -10 00 6433.00 900 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	800.00	-23.00	-10.00	6425.00
500 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	000 00	-23 00	12 00	6433.00
\$00.00 \$10.00 \$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 \$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	900.00	-25 00	-12.00	6417.00
300 00 320 00 -24 00 -2 00 04 10.00 900.00 930.00 -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	970.00	-23 00	-10.00	6417 00
900 00 940 00 -17 00 -2.00 6408 00 900 00 950.00 -16 00 -1 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	920 00	-2-7 00	-2 00	6409 00
900 00 950.00 -16 00 -1 00 6408.00 900 00 960 00 -15 00 -3 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	940 00	-17.00	-2.00	6408 00
900 00 960 00 -15 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	950 00	-16 00	-1 00	6408.00
900 00 970 00 -13 00 -3 00 6410 00	900 00	960.00	-15 00	-3.00	6408.00
	900 00	970 00	-13 00	-3 00	6410.00

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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

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APPENDIX IV

RUBY PROERTY - GROUND MAGNETIC DATA

Northing	Easting	Kilogammas	Northing	Easting	Kilogammas
meters	meters	67400	meters	meters	67600
1000	1040	5/420	900	1040	5/538
1000	1030	5/431	900	1030	57762
1000	1020	5/524	900	1020	5/880
1000	1010	5/591	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
9 50	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
9 50	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
9 50	1080	57358	850	880	57342
			850	870	57388
			850	860	57420

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APPENDIX V

RUBY PROPERTY - DIAMOND DRILL LOGS

Diamor	nd Drill H	ole Record	(in meters)			Ruby Prop	perty - Yu	kon	•				Co	ompany	Tiber	on Miner	als Ltd.
Hole No). RUD	99-01	Bearing.	90° az	Collar Coordinates	(UTM):	6,652,1	XON Cas	ing 183	l m	Water			Start	1	999-07-3	81
Drill De	pth 911	4	Inclination	-55°			484,4	15E Cor	e Diamete	ər - HQ	1 83 – 3	36 58 m	1	Finish	1	999-08-0)2
Sample	s [.] 19720)1-215 (15)	Survey (acid)	· -60° at 91 m	Collar Elevation (ma	asi). 202	5		_	NQ	36 58 -	91 14 (m	Logge	dby B	Meyer	
Objectiv	e: Conn	ie Vein (ridg	e)														
Observ	ations In	tersected Co	onnie Vein at 70	75-72 00 & 74	30-79 25 consisting of	sericite-a	Itered volc	anics with	sparse-m	inor qtz -	+ py-asp	-gn-sul	fosalt ve	niets			
Mineral	zation /	Although zon	e is relatively w	vide (approx 18	3 m true width) mine	ralization	appears v	ery weak									
Dept	h (m)		Descriptio	n (Lith / Alt/ Min	(Cor)	Rec (who	en < 100%)		Sam	ple		Rec	Ag	Ag	Au	As	Pb
From	To					Rur	1 %	No.	From	To	Lgth	%	oz/t	ppm	ррб	ppm	ppm
1 83	9 60	Pale green	Lapilli Tuff partia	i welded, clasts u	p to 6 cm, few							1					
		scattered br	reccia-sized class	s, round vesicular	texture, weak				1			1	1				
		selective ch		cite) alt, no miner	alization, tracture									1		ļ	
	-	surfaces hi	ocky core 1 83-5	0 m sharn confo	mable contact with			1				[1]	1
		underiving L	unit at 50° to c a	e in, enarge eener				1								ł	}
9 60	14 10	Lt grey-gree	en Lapilli Tuff de	nsely welded, fiam	ime <2 cm length,	1					1		1	1		1	
		eutaxitic foli	ation 50° to c.a,	weak selective ch	orite-calcite alt, bottom	1										1	
		30 cm blead	ched, frac dens 5	-10/m (40-70° to c	: a) with lim-hem		ł							1	[
		surface & h	airline calcite veil	nlets, no min, com	petent core with few			1					1				
		thin blocky i	ntervals			Į						_	ļ	+	ļ		ļ
14 10	16 50	Pale green-	bleached Lapilli	i um partial welde	1, clasts <2 5 cm, poor		1										ł
		developed e		o a, weak selecti	ve chionte-calcite, par												
	[/<15 cm) or	inn nnisininis ur	Lasis grang spon	ston free deas 5-10/m]		
		(30-80° to c	a) with lim surfa	ice. trace diss ov.	competent core.						1			1		ľ	
	•	oradational	with above unit						1]	1	1	
16 50	20 30	Aplite Dike	cream, aphanitic	, few intervals of c	meam lapilli tuff, weak			1		1	-	1					
	1	pervasive s	ericite alt, patche	s with very fine lin	n spots, no sulfides,												}
		frac dens >	15/m (40-60° to c	a) mainly subpai	railel & x-cutting	1			1			1			ļ		
	l	hairline lim	vnits, core is mai	nly blocky		ļ			+					+			
20 30	25 60	Cream Lapi	It Tuff partial we	ided, minor aplite	inclusions, poor		1	197201	20 30	22 30	2 00	100		36	<2	88	44
		eutaxitic fol		sei chior-ser ait, in	ac dens >15/m (x-			197202	22 30	23 50	1 20	100		43	<2	63	40
		zones of bio	vrku rome	C2 LIGHTIN IC HILL VIII	is, no sumues, rew umi	1		197203	23 30	25 60	0.70	100		10.5	65	1430	104
ł	ļ	23 50-24 20) Intrusive Apilte	Breccia angular a	aokte / laoilli tuff			10/204	27 50	2000		1.00		103	05	1453	
[fragments 1	-4 cm in aplitic m	natrix.			Ì	1				1	1	1]	[
	1	24 9-25 5 F	ault Breccia pale	yellow, strong pe	rv clay-altered gouge								1		ł.	ł	ł
		with milled i	apilii tuff fragmen	its up to 3 cm, cor	itact 60° to c a	1		1							L		
25 60	28 65	Altered/Frac	ctured Lapilli Tuff	pale grey-green,	partial welded (clasts			197205	25 60	26 90	1 30	100		43	14	2063	43
	[generally <0) 5 cm, some up	to 2 cm), eutaxitic	foliation moderately			197206	26 90	28 65	1 75	100		55	95	5525	149
		developed	U" to c a, mod-si	trong perv ser-chk	or alt with strong clay-							1		1	1		
1		blocky soft	nangs very comn	non, trac dens >1:	vm (u-/u-), generally		Í		1	1	1	1	1	1			1
		26 90-27 40	Trace scorodite	(?) + diss ovote in	fractures 0-20° to c a												
		20 00 27 40		······································				1		ľ							
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Dept	th (m)	Description (Lith / Alt/ Min / Cor)	Rec (when <	100%)	1	Sam	ple		Rec	Ag	Ag	Au	As	Pb
From	To	1	Run	1%	No.	From	То	Lgth	%	oz/t	ppm	ppb	ppm	ppm
28 65	33 00	Pale green-grey/light brown Lapilli Tuff panal 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 matnx, 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 matnx, 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 aplite frags near base, weak sel clay alt + bleaching, sparse cal vnits, abit v fine grained lim spots in mix corn, 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 Lapili Tuff' cream-pale grey, wk sel clay alt + bleaching, dense lim spots in mtx, 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, + adulana(?) 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 fracs 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 (aplitic?) matnx, 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, blky 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 1841 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.												

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Dept	th (m)	Description (Lith / Alt/ Min / Cor)	Rec (when < 10	(%)		Sam	ole		Rec	Ag	Ag	Au	As	Pb
From	To		Run	%	No.	From	То	Lgth	%	oz/t	ppm	ррб	ppm	ppm
82 90	87 50	Pale green-grey Lapilli Tuff same as above except no spotty lim												
87 50	91 14	Light-medium green Lapilli Tuff partial welded, grading downward to densely welded, mod sel chlor-cal alt, frac dens 5-10/m (40-70°), competent core												
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Diamo	nd Drill	Hole Record	(in meters)			Ruby Pr	roperty -	Yukon						Company	Tiber	on Miner	als Ltd.
Hole N	o RU	D99-02	Bearing	90° az	Collar Coord	inates (UTM)	6,65	2,020N	Casing	1 22 m	V	Vater		Start	1	999-08-0	2
Drill De	epth 63	86	Inclination	-55°			48	34,400E	Core D	iameter	- HQ 12	22-27 43		Finish	1	999-08-0	4
Sample	es 1972	16-219, 226	Survey (acid) -63°@63 m	Collar Eleva	tion (masl) 1	969	l			NQ 27	.43-63 86		Logge	ed by B	Meyer	
Object	ve Cor	nie Vein (sou	in slope)	4 05 04 45			- 14										
Ubsen	ations	Intersected Co	onnie vein at 3	51 95-34 15 m CC	prisisting of per	vasive sericite-	-altered \	OICANICS 1	- very th	n qız-py	-asp(-sui	osait) vei	niets				
- Wilnera	h/m)	wineralization	Description (Hokinale live in	CKINESS IS Z U I	Recov Juben	< 100%	1	San	anle		Pecou	40	An	A.,	Δe	Dh
From	То		Description (L		1	Run	- 100 %	Number	From	То	Lngth	%	oz/t	ppm	pob	maa	ppm
1 22	8 30	Light-med gre	y-green Lapilli T	uff densely welded	t, eutaxitic				1			1					
		foliation 40-50	° to c a, mod se	lective chlor alt, fra	c dens 10-			1									
		15/m irreg/pla	nar 10-80°, mair	nly hairline calcite fi	illings + minor												
8 30	19.00	Pale grey broy	wal solly Tuff a	xy intervals			┼	+	+			<u> </u>					
0.00	19 00 Pale grey-brown Lapilli Tuff gradational with above unit, weided, clasts mainly <1 cm, some up to 8 cm, mod dev																
		eutaxitic fol 50	-60°, wk sei chi	or alt + wk web-like	texture of								1	1			
		mustard color	ed jarosite(?), fri	ac dens 10-15/m (0	-70°), mainly									1			
		hainine cai tili	ngs, trace diss p le	by, competent core	with numerous												
		10 45-10 70 A	pinte cream, mo	d perv clay-ser alt,	few strong									1			
		lim-jar-hem vr	its 60° to c.a		· · · · · · · · · · · · · · · · · · ·												
19 00	24 00	Light-med gre	y-green Lapilli T	uff partial welded,	poor dev								1				
		eutaxitic fol 50	", mod sei chior	alt, frac dens 10-1	5/m, mainly					}							
		core with bloc	kv intervals	114065 0011, 1 4155	py, competent												
24 00	31 95	Pale grey Lap	illi Tuff partial w	eided as above, w	k-mod sel clay-	26 67-27 43	61	197216	29 95	31 95	2 00	90		68	8	622	122
		chlor alt, few r	narrow aplite inte	ervals (<20 cm), fra	c dens >15/m	27 43-28.35	46					1	1				
		irreg/planar, a	pproaching stoc	kwork, mainly haid	ine lim fillings	29 72-30 18	78										
		26 40-26 60 G	Color to rock) +	e arev, strong perv	ser + ciav alt.	30 10-31 24							1				
		brecciated, 60	° to c a	- g ,,													
31 95	34 15	Connie Vein	bale yellow-grey	mod perv ser-alte	red lapilli tuff,			197217	31 95	32 95	1 00	100	8 33		204	34587	1406
		frac dens >15	m, irreg-planar,	haidine to very thin	n (2 mm) lim or			197218	32 95	34 15	1 25	100		277	23	8342	178
		quz-sumae vni sulfoselts) as	units microlense	s clusters v blkv	r% py + asp(-												
		crumbly section	ns														
34 15	38 90	Pale green-gr	ey Lapilli Tuff / A	plite partial welde	d, mod dev			197219	34 15	36 15	2 00	100		56	3	194	143
		eutaxitic fol 70)° to c a, mod pe	r pale green chior	+ mod sel ser				1			ł					
		10/m 10-70° 1	o c a mainly ha	with ignimonite trag	js, irac dens o-												
		clusters v f gr	gytz-sulfides(-su	ilfosalts?), compete	ent core with						-						
		one narrow bl	ocky zone								-						
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Dep	th (m)	Description (Lith / Alt/ Min / Cor)	Recov (when <	100%)		San	nple		Recov	Ag	Ag	Au	As	Pb
From	То		Run	%	Number	From	To	Lngth	%	oz/t	ppm	ppb	ppm	ppm
38 90	41 60	Aplite Dike pale green-grey, aphanitic, cream colored ignimbite xenoliths (<1 cm) com, few narrow lapilli tuff intervals, mod perv pale green chlor +mod sel ser alt, frac dens 5-10/m with lim-ser fillings, tr diss py +clstrs v f gr qtz-sulfides(- sulfosalts?), competent core			197226	39 00	41 00	2 00	100		22	8	23	60
41 60	55 50	Pale-light green-grey Lapilli Tuff partial welded, cream-pale green pumice/fiamme, poor dev eutaxitic fol, mod sel pale green chlor alt, no mineralization, competent core with few narrow blocky zones 46 60-47 30 Intensely frac (>15/m) with strong lim/sulfide (py- asp-gn(-sulfosalt) vnlts, very blocky	45 11-46 63 46 63-47 40	87 87										
55 50	63 86	Light grey-brown Lapilli Tuff partial welded, it-med green chlontic pumice/fiamme, poor dev eutaxitic fol, 50-60° to c a, mod sel chlor alt, frac dens 5-10/m (0-70°), mainly with lim vnlts + mnr calcite, no mineralization, competent core	63 40-63 86	78										
63 86		ЕОН												
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Diamor	<u>nd Drill H</u>	ole Record	(in meters)			Ruby Property	- Yuk	on					Co	mpany	Tibero	<u>on Miner</u>	als Ltd.
Hole No	D RUD	99-03	Bearing	250°az	Collar Coordinates	(UTM). 6,65	52,201	IN Cas	ing 183		Water			Start	1	999-08-0	19
Drill De	pth 121:	31	Inclination	-55°		4	34,45	DE Core	e Diamete	er - HQ	1 83-21	79		Finish	1	999-08-1	2
Sample	s: 19722	0-225	Survey (acid)	-61°@ 121 m	Collar Elevation (mr	isl) ⁻ 1943				NQ.	21 79-1	21 31		Logged	iby 8	Meyer	
Objectiv	ve. Steve	Vein															
Observ	ations N	o vein inters	ected Few sc	attered thin inter	vals of weakly minera	lized veinlets											
Mineral	zation: 36	5 10-36 40·3	thin (<1 cm) sem	n-mas sulfide-qtz v	/nits. py>an>cp 57 6-58	75. Tr py-an in lir	n vnlts	. 71 25-71	58. Steve	Vein? der	nsely frac	dured. s	trong Im-i	ar filling	& few thi	n calcite/	ov vnits
96 20-97	7.60 & 98 3	0-99 60 1-29	6 sulfides (py-gn	-sp-ср)										•			•
Dept	th (m)		Descriptio	n (Lith / Alt/ Min /	/ Cor)	Rec (when < 1	00%)		Sam	ple		Rec	Ag	Ag	Au	As	Pb
From	To					Run	%	No.	From	To	Lgth	%	oz/t	ppm	ppb	ppm	ppm
1 83	10 80	Medium gre	y-green Lapilli Ti	uff dens welded, v	vell dev eutaxitic fol												
		45-55° to c	a, dk green chlor	-alt fiamme, irreg/r	planar frac dens 10-			1		1							
		15/m (maini	y 50-70°), hairlini	e calcite fillings co	m, tr lim, tr diss py,							1				1 1	
	ļ	DIKY-V DIKY C		ad alread and day	ulum alt faultioouan at						1	1				{	
		40° to c a	a eanirorange mu	ou-strong pervicay	/-intrait laulugouge at											1	
10.80	41.50	Light grey-g	reen Laouli Tuff	orades to brown-c	rev partial welded		+	197225	36 10	36.40	0.30	100	13 58		3007	229	4685
	1.00	oradational	with above unit.	eutaxitic fol 50° to	c a, wk sei chior alt of												
1]	fiamme, qtz-	-kspar mtx, irreg/	/planar frac dens 1	0-15/m, hairline calcite								1			4	1
		vnits com, n	o mineralization,	, core is hard, com	petent		1					1				\$	Į
1		17 68-18 18	Aplite Dike crea	am colored, mod p	erv ser alt, 2 cm wide					1		1					
		calcite vnlt a	it 30° to c a with	i lim selvage								1					1
		36 10-36 40	3 thin (<1 cm) s	semi-mas sulfide-q	itz vnits, py>gn>cp at											1	1
41.60	GAEE	30-40° 10 C	A	unomagina lacilli a			+	107220	40.60	40.00	0.20	100	£ 42		204	42402	7070
41.50	04 55	Light blown	unt mod weider	increasing rapini c well dev entaxitir	c fol 50-60° to c a pale			197220	57 60	59 75	1 1 15	100	513	75	204	42193	672
1		oreen chior-	alt fiamme, frac	dens 5-10/m (med/	planar, mainly 20-50°.										- '	2400	0.2
		hairline calc	ate volts com, tr (diss py, competent	cor except 49 45-												
		50 20 v biky	to crumbly		•				1			1					
	ł	48 95-51 15	 Mod lim fracs 8 	k fiamme nms, stro	ong perv ser alt at 49 6-								{				
		49 9 m, core	is crumbly				1										
		54 0-58 75	Thin lim vnits co	m													
64.55	69.50	5/ 0-38 / 3	If py-gn in lim vi	nits	have unit ended		+					<u> </u>	<u> </u>				<u> </u>
64 55	00 30	weided poo	grey Lapin i un j	yrauadunal with at	con 6% up to 6 cm		1									'	1
		wk sel chlor	alt of clasts 5-1	0% lithic clasts fra	ac dens < 5/m traiss						1	1					1
1		ov. compete	ant core	0.10 (11.110 0.2010), 114			}					ł			ł	ا ا	
	1	68 00-68 50	Polymict clast-	supported lapili-ag	glomerate(?), clasts												
		up to 8 cm	•		· · · ·											1	Í
68 50	75 48	Cream-colo	red Lapilli Tuff: n	onwelded, kspar p	hync (sparce),	69 50-72 54	97	197222	71 25	71 58	0 33	99		50	7	1114	337
		pumice/lithic	clasts generally	/ <1 cm, frac dens	>15/m, irreg/x-cutting,						1						
		with hairline	lim fillings & mn	r calcite, spotty lim	i thru-out, rare diss		1		1		1						1
ļ	1	Suindes, Cor	npetent core exc	xept / 1 25-/1 58 m	i v Diky th atrana lun und filter	1				1						į l	i i
1	1	2 few this of	en veinv everc	insely fractured with	us suong iim-jar niing to c a	1											1
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Dept	h (m)	Description (Lith / Alt/ Min / Cor)	Rec (when < 10)0%)		Sam	ple		Rec	Aq	Aq	Au	As	Pb
From	То		Run	%	No.	From	To	Lgth	%	oz/t	ppm	ppb	ppm	ppm
75 48	90 45	Pale green-grey Lapili Tuff(?) nonwelded, clasts generally <1 cm, inhic clasts com, wk sel chlor alt, frac dens 5-10/m, irreg halrine chlor, calcite, qtz vnlts, no sulfides, competent hard core 78 50-78 95. Clast-supported lapilli-agglomerate, clasts up to 8 cm												
90 45	96 20	Bleached-cream colored Lapilli Tuff' nonwelded, wk sei ser-chior alt, spotty lim com, frac dens 10-15/m (mainly 10-40°), hailine lim filling & scattered calcte vnits up to 1 cm, biky sections at 91 45-91 65 m & 93 8-94 5 m 91 45-91 65 Mod lim clay-chlor gouge.												
96 20	101 70	Pale grey Lapilli Tuff' nonwelded, mainly clast supported, pumice clasts up to 12 cm, tube vesicle texture (qtz-kspar), wk perv sil, irreg/planar frac dens 5-10/m (mainly 20-50°) 96 20-97 60 & 98 30-99 60 1-2% sulfides (py-gn-sp-cp) as clstrs & discontinuous microlenses within mbx, competent hard core			197223 197224	96 20 98 30	97 60 99 60	1 40 1 30	100 100		21 3 14 5	<2 4	41 7	1872 1148
101 70	107 60	Pale grey-cream colored Lapilli Tuff nonwelded, pumice/clasts mainly <.5 cm, wk sel sil-ser alt, spotty lim com, no sulfides, competent core												
107 60	121 31	Light-medium green Lapili Tuff nonwelded, 10-15% dk green chlonte in mtx, 20-30% clasts, frac dens <5/m (40-70°), lim fillings, no sulfides, competent core												
121 31		ЕОН	L	ļ		ļ	<u> </u>	<u> </u>						ļ
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Diamor	nd Drill H	ole Record	(in meters)			Ruby Prope	orty - Yuk	on					C	mpany	Tibero	on Miner	als Ltd.
Hole No	RUD	99-04	Bearing	250°az	Collar Coordinates	(UTM)	6,652,20	IN Cas	ing 183		Water	***		Start	1	999-08-1	2
Drill De	pth 139	50	Inclination	-70°		• •	484,45	DE Cor	e Diamete	r - HQ	1 83-12	19		Finish	1	999-08-1	5
Sample	s 19722	27-229	Survey (acid)	-70° @ 139	Collar Elevation (ma	asi) 1943				NQ	12 19-1	39 60		Logge	by B	Meyer	
Objectiv	e Steve	Vein	······														
Observ	ations N	o vein encoi	untered														
Mineral	zation 1	lo significan	t mineralization	encountered		<u> </u>						<u></u>		_			<u></u>
Dept	h (m)		Descriptio	n (Lith / Alt/ Min	/ Cor)	Rec (when	<u>1 < 100%)</u>	<u> </u>	Sam	ple		Rec	Ag	Ag	Au	As	Pb
From	To			T. 10. 4		Run		No.	From	To	Lgth	70	oz/t	ppm	рръ	ppm	ppm
183	36 70	Light-med g at 60° to c a 10/m (30-50 1 83-5 18m 8 50-10 50 & bleached 13 15-14 30 18 80-19 95 qtz-kspar m downward t 32 90-34 00	(rey-green Lapili a, dk green chlor o'), hairline calcit & 13 15-14 30 m Frac dens >15/n kspar(?) altered Frac dens >15/o Mottled pink & tx, angular-sbrd o irreg microbrec Frac dens >15/o	Tuff dens weided fiamme <1 cm, <5 e, Im, chior fillings h m (0-50°), mod-st green intrusive(?) lapilit tuff fragmen coated frac fillings (m with irreg dk gr	I, well dev eutaxitic fol 1% lithics, frac dens 5- 3, tr diss py, v biky core 1 chior with mnr calcite rong thin lim fillings breccia with pinkish is up to 4 cm, grading een chior vnits with												•
36 70	51 60	pinkish qtz- Brown-grey well dev eut up to 2 cm, kspar, tr v f welded with	Kspar alt margin Lapilli Tuff light taxitic fol at 60-70 frac dens 5-10/n gr py diss, comp i light & dk green	s and mnr calcite green fiamme/lith 0°, fiamme up to 4 1 (40-70°), mainly etent core, bottom clasts	vnits c clasts, dens welded, cm long, 10% clasts hairline calcite & qtz- e 2 m grading to partial												
51 60	67 65	Pale grey L mainly med phenos 2 m 10/m (40-70 no sulfides, 64 70-67 65 pts brecciat	apilli Tuff partial -dk gm fiamme/p im com, 5-10% ir)°), hairline dk gr competent core 5 Parts mottled p ed with gm chlor	welded, poor dev pumice <1 cm, cre- thic fragmentals u een chlor, qtz-ksp pale grey/med gred fillings/mtx & qtz-	eutaxitic foi at 65°, am colored kspar p to 2 cm, frac dens 5- ar & tr calcite fillings, an, frac dens >15/m, kspar frags												
67 65	70 20	Pale green- alt, frac den	grey/cream Lapi is <5/m, haidine (li Tuff partial weld calcite vnits, no su	ied, wk sel chlor-clay Ifides, competent core												
70 20	76 30	Paie grey-g 5-10/m, hau	reen Lapilli Tuff rline calcite & tr li	partial welded, wk m vnits, no sulfide	sel chlor alt, frac dens s, competent core												
76 30	79 46	Lapilistone sbang, class vesicle text frac dens <	/Lapilli Agglomer t supported, clas ure com, parts w 5/m with lim & ca	ate pate grey-gree ts mainly <3 cm, o th 10% lithic clast lote fillings, tr diss	en, nonwelded, sbrd- ne frag 30 cm, tube s,lt-dk green chlor mtx, s py, competent core.												
79 46	80 90	Pale grey-g	reen Lapilli Tuff	same as 70 20-76	30										1		

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Dept	:h (m)	Description (Lith / Alt/ Min / Cor)	Rec (when < 10	0%)		Sam	ple		Rec	Ag	Ag	Au	As	Pb
From	To		Run	%	No.	From	To	Lgth	%	oz/t	ppm	ppb	ppm	ppm
80 90	139 60	Pale green-grey Lapilli Tuff nonwelded, gradational with above unit, 5% cream colored mod clay alt clasts <1 cm to 110 m, wk sel chlor alt slightly coarser grained mtx, tube vesicle texture com, frac dens 5- 10/m (mainly 10-30°), calcite vnits (hairline-1 5 cm) & tr lim vnits, no sulfides, competent core 80 90-82 30 spotty-patchy web-like mod lim alt 86 06-86 86 Aplite dike cream, aphanitic, no volc frags, wk sel ser- chlor alt, irreg/planar frac dens >15/m (20-30° to c a), hairline-4 mm calcite & strong lim vnits 89 20-90 25 3 thin (5 cm) drusy qtz vnits with strong lim boxwork, 30° to c a 93 25-98 60 Few calcite-lim vnits 5-2 cm width 10-20° toc a 103 4-104 5 Spotty mod lim com 107 3-108 4 Few calcite-lim vnits 5-1 5 cm width, within mod ser alt rock.	92 66-93 27	84	197227 197228 197229	86 06 89 20 94 75	86 86 90 25 95 60	0 80 1 05 1 85	100 100 100		2 1 < 3 8	7 22 2	288 573 11	20 11 3
139 60	 	EOH		<u> </u>		+		L		<u> </u>				
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APPENDIX VI

1

RUBY PROPERTY - DRILL CORE GEOCHEMICAL ANALYSIS CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) V6A 1R6 PHONE (604) 253 - 3158 FAX (604) 253

GEOCHEMICAL ANALYSIS CERTIFICATE

ST. VANCOUVER BC

AA

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

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HASTINGS

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SAMPLE#	: Mo (ppn) Cu 1 ppm	Pb ppm	Zn ppm	Ag ppm	N 1 ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bı ppm	v ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba	τ 1 % pp	B n	Al %	Na %	к % р	w W	ti pomin	Hg ppm	Au** ppb
0 107201	1	: 10	6.6	118		 د ا	 z	1060	 ۵ 10	RR	ج۶	دى	5	24	1 2	~3	τ	5	56		34	5	- 16	1120	n1 ~	۲.	6 7	٥،	25	~2		د1	
D 107202		10	44	266	2.0 / Z	2	4	2/.05	3 77	63	-28	~2	ś	20	5 0	~7	~7	ś	. 22	078	20	ś	10	1082		z .	78	07	2/	~2	25	21	~2
D 107202		. 17	40	740	7.5	5	7	740	/ 97	220	~0	~2		50	5.7	~7	~7	5	.23	070	21		. 10	7402	01 2	, .	/0 . 47	03	, 64 25	~2	~5	1	~2
0 197203		740	10/	170	10 5	1	<u></u>	124	9.03	1/30		~2	ž	24	.0 1 Z	~7	~7	2	.00	.077	15	0	.00	522	01 >	י. כ ז	07. 70	03	27	<u>`</u> ,	5	-1	45
D 197204		17	/7	/ 10	/ 7	- 1		110	2.30	3047		22	2	40	1.5	-7	7	2	.05	.001	10	0	.03	564	01 4	, . ,)7 . /0	07	. 31	4	5		1/
0 197205	2	• • • •	43	410	4.3	\$1	4	110	2.01	2003	50	54	2	10	• (< 3	2	2	. 23	.004	15	y	.05	205.0	01 5	. .	40.	03	.47	2	\$3	< 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<.	D1	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 2	21.7	3	<3	2	.53	.091	24	7	.12	91<.0	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<.0	01	4 1.0	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<.0	01 <	3.	75.	02	.59	<2	<5	<1	82
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0 197211	2	122	9554	174	255.4	1	<1	40	7.10	10782	<8	2	5	57	0.8	49	<2	2	.05	.039	9	9	.02	68<.	01	4 .	55.	01	.82	4	<>	<1	2720
0 197212	10	1421	4190	169	115.5	<1	1	45	3.84	15575	10	<2	4	19	18.7	- 58	د>	2	.04	.057	9		.02	56<.	01 <	5.	58.	01	.47	6	<5	<1	954
0 197213	e	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<.0	01 <	5.	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<.0	01 <	3.	54.	01	.65	3	<5	<1	73
D 197215	, ,	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		35	122	641	6.8	<1	3	1353	3.48	622	<8	<2	3	18	5.8	<3	<3	ż	.18	.069	26	6	.05	1082<	01 <	3	52	01	.38	<2	<5	<1	8
D 197217		110	1406	1491	284.8	5	<1	154	4.28	34587	<8	<2	2	. o .	30.0	31	<3	1	.09	.043	11	11	.02	69<	01 <	3	30	01	36	2	<5	<1	204
0 197218	1	37	178	228	27 7	<1	3	266	2.16	8342	<8	2	2	ó	0 3	Å	<3	1	17	065	16		03	114 < 1	01 <	ξ.	46	01	20	ž	<5	<1	23
n 107210		67	143	64.0	5 6	2	5	1675	3 18	104	28	~2	5	20	83	~3	~3	2	80	058	27	ĕ	15	101<	01 2	z .	40.	01 01	22	õ	-5	21	3
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STANDARD C3/AU-	r 29	71	36	186	6.9	40	15	861	3.72	58	18	4	22	33 2	25.7	17	28	87	.62	.094	19	189	.63	176 .0	09 2	1 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-HN03-H20 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: HAG 20/99

Assony Ag in progress if 7 30 ppm.

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

A A	Tiberon Minerela	ASSAY CERTIFI	ICATE	2	A4
	950 -	550 - 6th Ave S.W., Ca	algary AB T2P 0S2	C C C C C C C C C C C C C C C C C C C	
		SAMPLE#	Ag** oz/t		<u></u>
		D 197207 D 197208 D 197209 D 197210 D 197211	1.86 22.73 1.03 1.10 20.58		
		D 197212 D 197213 D 197214 RE D 197214 D 197215	3.21 1.84 1.21 1.20 1.73		
		D 197217 D 197218 STANDARD R-1	8.33 .80 2.91		
DATE RECEIVED: AUG 20 1999	Same Date report mailed:	Ng 25/99 SIG	Reruns and 'RREpare Reject Reru	n <u>s.</u> C.LEONG, J. WANG; CERTIFIED B	.C ASSAYERS

CME ANALYTICAL LABORATORIES LTD (ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

V6A

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

SAMPLE#	Mo mag	Cu	Pb	Zn ppm	Ag ppm	N 1 ppm	Co ppm	Mn ppm	Fe %	As ppm	U mqq	Au	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	۲۱ %	B	Al %	Na %	K %	W	lT IT	Hg . ppm	Au** ppb
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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 ′	.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: Hug 26/99

HONETS

X (60

Arry Ag > 30 ppm in progress

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-

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 D 197225 RE D 197225	5.13 13.58 13.85

AG** BY FIRE ASSAY FROM 1 A.T. SAMPLE. - SAMPLE TYPE: CORE PULP Samples beginning 'RE' are Reruns and 'RR60 are Reject Reruns.

DATE RECEIVED: AUG 27 1999 DATE REPORT MAILED:

Sept 2/99



/ Fissures (quartz/calcite/FeOx)



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

139.60









LEGEND

1925m	LEGEND	-
	Vein, with orientation Argillic alteration	0 5 10 15 20 25
RUD99-02 -55 • 090 az. OI	Diamond drill hole location	Metres
_	Significant intercept	
<u>8.33</u> 0.20	Ag (oz/t) Au (ppb)	TIBERON MINERALS LTD.
1.00m	Length	RUBY PROPERTY Yukon Territory, Canada
		CROSS SECTION 6652100 N RUD99-01
		DATA BY: B.M. DATE: SEPT. 1999
	<u> </u>	



	LEGEND			-
	Vein, with orientation	1		
	Argillic alteration		0 5 10 15 20 25	
RUD99-02 -55 o 090 az. GI	Diamond drill hole ic	ocation	Metres	
	Significant intercept			
<u>8.33 0.20</u>	Ag (oz/t) Au (ppl	<u>)</u>	TIBERON MINERALS LTI).
1.00m	Length		RUBY PROPERTY Yukon Territory, Canada	
			CROSS SECTION 6652020 RUD99-02	N
			DATA BY: B.M. DATE: SEPT. 1	999
LUMINAI DRAFTING LTD ruby-sec02ddh	1 1	1	SCALE: 1:500 FIG: 14	











