

**Ministry of Energy, Mines & Petroleum Resources**  
Mining & Minerals Division  
BC Geological Survey

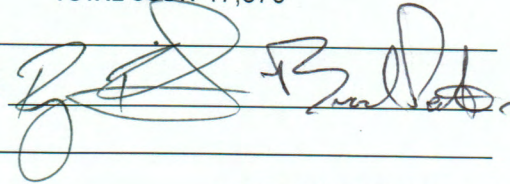
**Assessment Report**  
**Title Page and Summary**

TYPE OF REPORT [type of survey(s)]: Geochemical

TOTAL COST: 17,570

AUTHOR(S): Ritchie, R., Peters, B.

SIGNATURE(S):



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): \_\_\_\_\_

YEAR OF WORK: 2015

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5582565 / December 16, 2015

PROPERTY NAME: Majazz Property

CLAIM NAME(S) (on which the work was done): 1032804 & 1032806

**Majazz 1 & 2**

COMMODITIES SOUGHT: Copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: \_\_\_\_\_

MINING DIVISION: Omineca

NTS/BCGS: 093N/03 & 093N/06

LATITUDE: -125.05 ° \_\_\_\_\_ ' \_\_\_\_\_ " LONGITUDE: 55.24 ° \_\_\_\_\_ ' \_\_\_\_\_ " (at centre of work)

OWNER(S):

1) Pacific Empire Minerals Corp.

2) Larry Leon

MAILING ADDRESS:

Pacific Empire Minerals Corp.

211 - 850 W. Hastings St., Vancouver, V6C 1E1

OPERATOR(S) [who paid for the work]:

1) Pacific Empire Minerals Corp.

2) \_\_\_\_\_

MAILING ADDRESS:

Pacific Empire Minerals Corp.

211 - 850 W. Hastings St., Vancouver, V6C 1E1

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Monzonite, Hogen Intrusive Suite, Early Jurassic, chalcopyrite

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: \_\_\_\_\_



TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
Soil 351		1032804 & 1032806	17000
Silt			
Rock 1		1032804	570
Other			
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
<b>TOTAL COST:</b>			<b>17,570.00</b>

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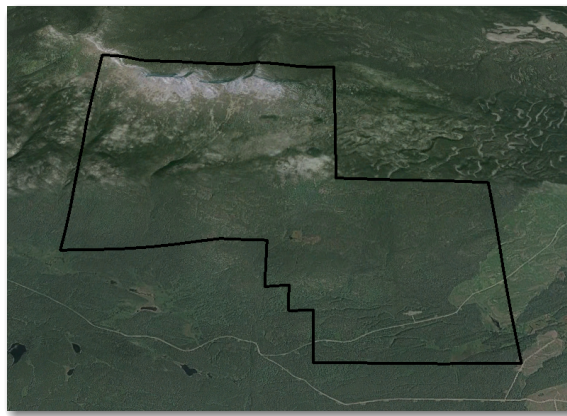
2015 GEOCHEMICAL REPORT  
*on the*  
**MAJAZZ PROPERTY**

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OMINECA MINING DIVISION  
BRITISH COLUMBIA, CANADA

NTS MAP SHEET 093N/03 & 093N/06  
369,500 E / 6,124,000 N (NAD 83 ZONE 10)  
LONGITUDE -125.05° / LATITUDE 55.24°



*Majazz 1&2 Claims*  
*Tenure Nos. 1032804 & 1032806*

*Prepared by*

RORY RITCHIE, H.B.Sc.(CHEM), P.GEO.  
BRAD PETERS, B.Sc (GEOLOGY)

OWNED BY: PACIFIC EMPIRE MINERALS CORP. & LARRY LEON  
OPERATED BY: PACIFIC EMPIRE MINERALS CORP.



*February 1, 2016*

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# 1 Summary

This report on the Majazz property, an early exploration-stage project in British Columbia Canada, was prepared by Brad Peters, B.Sc., and by Rory Ritchie, H.B.Sc., P.Geo on behalf of Pacific Empire Minerals Corp.

The property is located approximately 100 km northwest of Fort St. James in central British Columbia. Access to the property is via well-maintained logging roads from Fort St. James. The property is comprised of 2 mineral claim that cover 3,413 hectares.

The property is located within the Quesnel Terrane which is characterized by Late Triassic to Early Jurassic volcanic and sedimentary rocks of island arc affinity. The economic importance of the Quesnel arc is demonstrated by its rich endowment of porphyry copper-gold mineral deposits. The area is underlain by a variety of intrusive phases related to the Late Triassic to Early Cretaceous Hogem Intrusive Suite.

Exploration on the Majazz property was conducted in two phases. The first phase took place on August 6-7 and consisted of follow-up prospecting to locate the potential source of an anomalous rock sample collected by Larry Leon, a local trapper. Although the anomalous rock sample was float, the objective was to locate a bedrock source in the area where the float sample was collected. The area was prospected for one day and an outcrop source was not located. It was decided that a soil geochemistry grid in the area would be the next phase of exploration.

From September 28 to October 4, 351 soil samples were collected and analyzed by XRF. One rock sample was collected and submitted to Met Solve Laboratories for ICPMS analysis. The results outlined an area of anomalous copper-molybdenum geochemistry which coincides with a rock sample taken from outcrop which is anomalous in copper, gold and silver.

Based on the results from 2015 exploration, follow up work is recommended to determine the source of the anomalous geochemistry, and to expand upon the limited rock sampling in the area.

## 2 Introduction

This report on the Majazz property, an exploration-stage project in central British Columbia, was prepared by Pacific Empire Minerals Corp. (“PEMC”). The purpose of the report is to outline exploration methods and results, and to provide recommendations for further exploration, if warranted.

## 3 Property Location and Description

### 3.1 Property Location

The Majazz Property is located at Latitude 55.24° north and Longitude 125.04° west, approximately 100 km northwest of Fort St. James in central British Columbia. The property is situated rough 3 km north of Tchentlo Lake, and is located on NTS map sheets 093N/03 and 093N/06 (50K), and BCGS map sheet 093N.025 (20K).

The project survey control utilizes the Universal Transverse Mercator (UTM) coordinate system. It is based on the Zone 10 North projection using the NAD 83 Datum. The UTM coordinates place the project at 370,000 mE / 6,123,000 mN.





Figure 3.1: Location Map

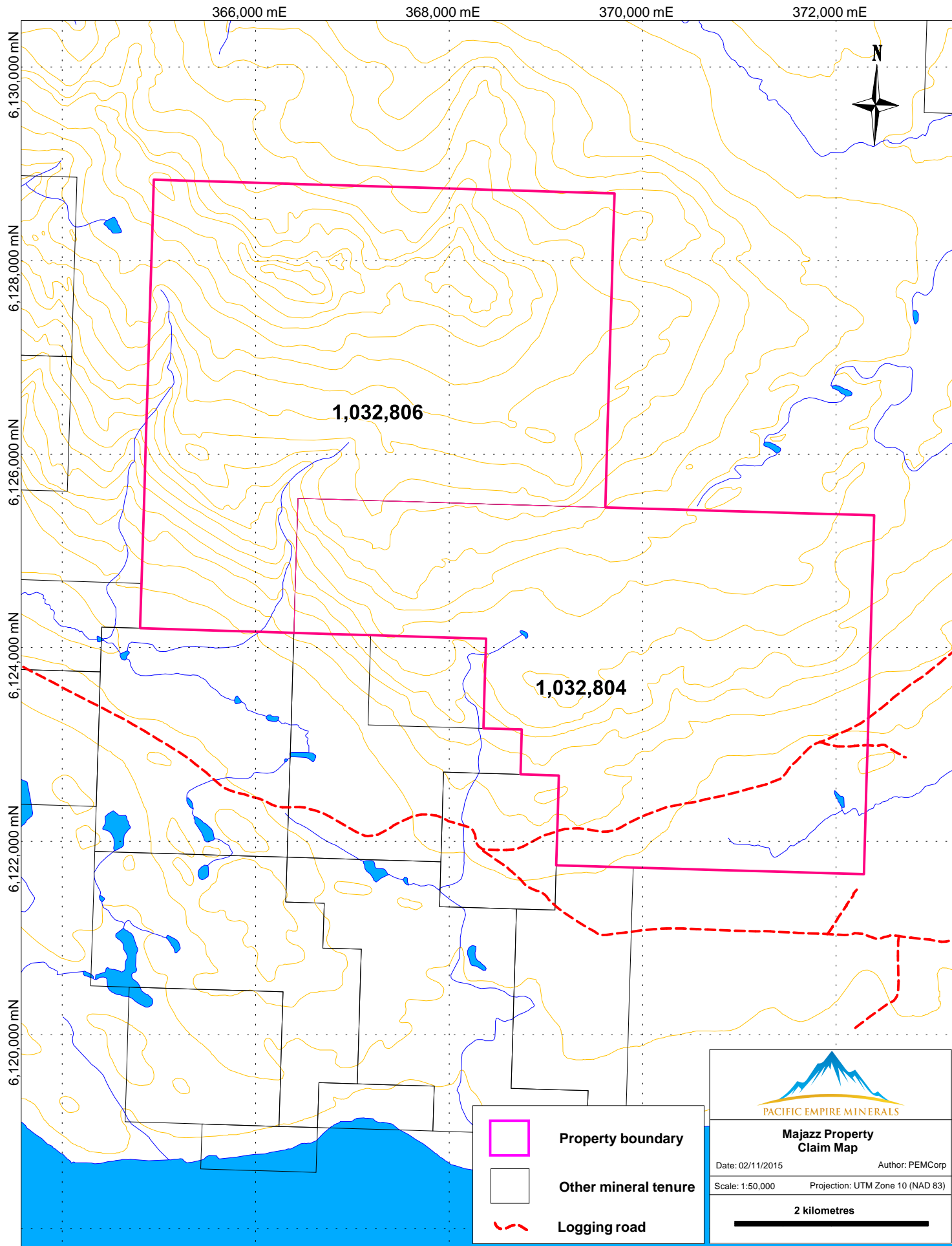


Figure 3.2: Claim Map

## 3.2 Property Description and Land Tenure

The property is comprised of 2 mineral claims, covering a total of 3,413 hectares (Tenure ID 1032804 & 1032806). The property was acquired by staking on December 18, 2014. Table 1 shows claim details downloaded from the MTO website.

**Table 3.1:** Majazz Claim Details

Tenure #	Tenure Name	Owner	Good to Date	Area (ha)
1032804	Majazz 1	276,676 (50%) & 115,551 (50%)	Dec 18, 2015	1,652
1032806	Majazz 2	276,676 (50%) & 115,551 (50%)	Dec 18, 2015	1,761

## 4 Accessibility, Climate, Local Resources, Infrastructure & Physiography

### 4.1 Accessibility

The southern portions of the project are easily accessible via well maintained logging roads from Fort St. James.

Continue north out of Fort St. James on the North Road for 9 km, then turn left on Tachie Road and continue for 40 km. Turn north onto the Leo Creek-Grostete FSR and proceed for 68 km, then turn right onto the Driftwood FSR, heading northwest. Follow the Driftwood for 16 km, then turn right onto the Tchentlo FSR. Follow the Tchentlo FSR for approximately 22 km to arrive at the Majazz property. There is currently active logging in this area, so logging roads are in good shape. Travel by road to the site is 150 km from Fort St. James.

The property can also be accessed by helicopter or by float plane out of Fort St. James.

### 4.2 Climate

The following data has been taken from Environment Canada's National Climate Data and Information Archive for the Fort St. James area and contains climate data collected beginning in 1971.

The area has short cool summers and long cold winters with an annual average temperature of 3.1°C. The highest daily average temperatures of 15.3°C occur in July and the lowest daily average temperatures of -11.3 °C occur in January.

The region receives an average of 295 mm rainfall and 192 cm of snowfall annually, with 138 days per year where precipitation exceeds 0.2 mm. The property is snow covered from early November to late May.

### 4.3 Local Resources & Infrastructure

Labour and services are readily available from Prince George, Fort St. James and Vanderhoof. Trucking, expediting, industrial supply, heavy machinery and operators are available in Fort St. James, as are personnel for line-cutting, core-cutting and other exploration services.

There are no permanent structures or facilities located on the property. Infrastructure on the property consists of a logging road which crosses the southern portion of the property.

#### 4.4 Physiography

The property lies near the northern boundary of the Southern Plateau and Mountain Region of the Canadian Cordilleran Interior System. More specifically, the Property is within the Nechako Plateau near the southern limits of the Swannell Range of the Omineca Mountains.

The Nechako Plateau was covered by the Cordilleran ice cap, which moved eastward from the Coast Ranges towards the Rocky Mountains near McLeod Lake, over-riding the mountains, coating the landscape with a blanket or veneer of glacial drift, and altering the pre-glacial drainage patterns.

Drainage from this area is to the northeast via the Nation River into Williston Lake, which forms part of the Peace-Mackenzie River basin.

The property is located on the southeast flank of Nation Mountain. Elevations range from 1875 meters at the summit of Nation Mountain to 980 meters above sea level in the southeast portion of the property. The southeast portion of the property occupies a broad, till-blanketed low lying area that is gently sloping with sparse outcrop. As elevation increases to the northwest the occurrence of bedrock exposures increases.

The area is characterized by swamps and forests consisting of spruce and lodgepole pine, broad-leaf deciduous trees and shrubs, such as alder, birch and aspen, cottonwood, and underlying lichen and mosses.

### 5 History

Limited exploration has taken place on the Majazz claims, however the surrounding area has been the focus of numerous exploration programs.

To the north, south and west of the property the Redton claim block was most recently explored by Kiska Metals Corp. and its predecessor Geoinformatics Exploration Canada Ltd. Redton Resources Inc. staked the claims in January of 2005 at the initiation of online staking in British Columbia and immediately optioned the property to Geoinformatics. The Redton claim block consisted of 159 contiguous claims covering 70,288 hectares and extended for approximately 80 km to the north of the southern boundary of the Majazz claims. The Redton claim block included numerous prospects including the Falcon, Heath, Nation, Halobia Creek, Rottacker, and Tak (Franz and Voordouw, 2012, AR#32504).

The Falcon prospect, located approximately 5 km to the southwest of the Majazz claims, was explored in the 1970's by Tchentlo Lake Mines Ltd. Two 300 x 700 m zones of anomalous Cu + Mo were identified from soil sampling and additional unpublished work included diamond drilling, trenching and geophysical surveys. In the 1990's Independence Mining Co. optioned the claims and additional soil geochemistry was completed that defined several Cu-Mo anomalies. In 2006, Geoinformatics conducted an extensive field program that included 818 meters of diamond drilling that intersected a broad zone of vein-hosted Mo-Cu mineralization associated with a monzonite porphyry. This was followed up in 2008 with eight holes totalling 2966 meters, with five of the holes intersecting at least 300 meters with >0.03% Mo (Franz and Voordouw, 2012, AR#32504).

The Heath prospect is located approximately 5 km to the northwest of the Majazz claims and was staked in 1969 by Colin Campbell. Mr. Campbell excavated hand trenches that exposed polymetallic (Au-Ag-Cu-Pb-Zn) chalcopyrite-magnetite fissure veins that form the heart of the Heath #1 showing. The claims were optioned to Senate Mining & Exploration Ltd. who conducted geological mapping, soil sampling and ground

magnetometer surveys. Results delineated a broad Cu-in-soil anomaly. Additional work since then consists of 20 line-km of IP, magnetometer surveys, soil geochemistry, VLF-EM, and a 10 hole, 969 m diamond drill program (Franz and Voordouw, 2012, AR#32504).

## 6 Geological Setting

The property lies within the Quesnel Terrane, part of the Intermontane Belt, a composite of low metamorphic grade magmatic arc segments of mixed oceanic and continental affinities which amalgamated to the North American continental margin in the Early Jurassic Period (Figure 6.1).

The Quesnel Terrane formed along or near the western North American continental margin and accreted to the margin in the late Early Jurassic (186-181 Ma). Quesnellia is found along most of the length of the Canadian Cordillera and in the Nation Lakes area is characterized by Late Triassic to Early Jurassic volcanic and sedimentary rocks of island arc affinity (Nelson and Colpron, 2007).

The Quesnel Terrane is in contact to the east with Proterozoic and Paleozoic carbonate and siliciclastic rocks of the Cassiar Terrane, representing part of the ancestral North American miogeocline. In places, the Quesnel and Cassiar terranes are separated by an intervening assemblage of late Paleozoic oceanic rocks of the Slide Mountain Terrane. The boundary between the Quesnel and Cassiar terranes is a complex structural zone that includes late Early Jurassic east-directed thrust faults that juxtapose the Quesnel Terrane above the Cassiar Terrane.

To the west the Quesnel Terrane is in fault contact with the late Paleozoic through mid-Mesozoic oceanic rocks of the Cache Creek Terrane, interpreted to be part of the accretion-subduction complex associated with the generation of the Quesnel Magmatic arc. Younger rocks commonly found in the region include Cretaceous granitic stocks and batholiths, Eocene volcanic and sedimentary rocks, and flat lying basalts of both Neogene and Quaternary age.

Intrusive units of a wide variety of sizes, ages, compositions and textures occur in the region. The largest bodies are the Hogem Intrusive Suite and the Germansen batholith. The Hogem Intrusive Suite is composed of many discrete plutons including gabbroic, dioritic, monzonitic and syenitic Late Triassic to Early Jurassic intrusions, as well as mid-Cretaceous granitic bodies. A myriad of small intrusions and some larger ones are equivalent to the Early Jurassic volcanic units and to the late stages of Takla Group volcanism. Significant porphyry copper-gold deposits in the area are associated with “crowded porphyries”. In a typical crowded porphyritic monzonite, small blocky plagioclase phenocrysts (1-2 mm), with lesser hornblende, biotite and/or augite touch each other in a fine grained matrix of plagioclase, potassium feldspar, mafic and oxide minerals.

Volcanic units in the area have been assigned to the Upper Triassic Takla Group and consist of a number of distinguishable subunits, each of regional extent. In the Nation Lakes area the Takla Group has been subdivided into a number of units: the Slate Lake succession, the Plughat Mountain succession, the Inzana Lake succession and the Willy George succession. Superficially, Takla stratigraphy seems to represent an upwards transition from basal sediments through increasing epiclastic and then pyroclastic components, into thick volcanic piles (Nelson and Colpron, 2007).

### 6.1 Property Geology

The Majazz property is primarily underlain by monzonitic and quartz monzonitic intrusive rocks of the Late Triassic to Early Jurassic Hogem Intrusive Suite in addition to feldspar ± quartz porphyry with localized occurrences of granodiorite, diorite, gabbro and syenite as dikes, sills, plugs and stocks. The most predominant rocks in areas of bedrock exposure are medium grained monzonites (Figure 6.3).

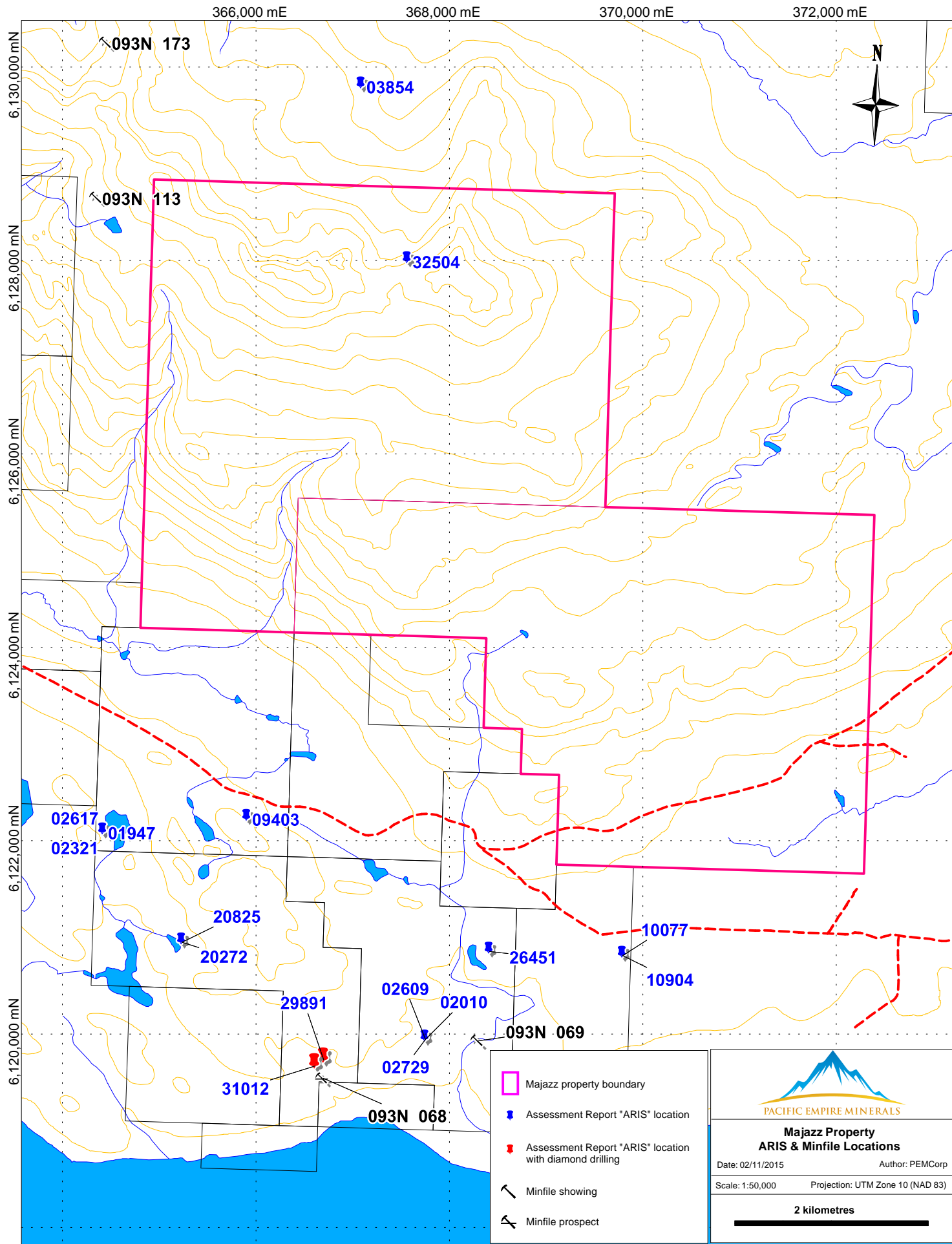


Figure 5.1: Location of ARIS reports and MINFILE occurrences.



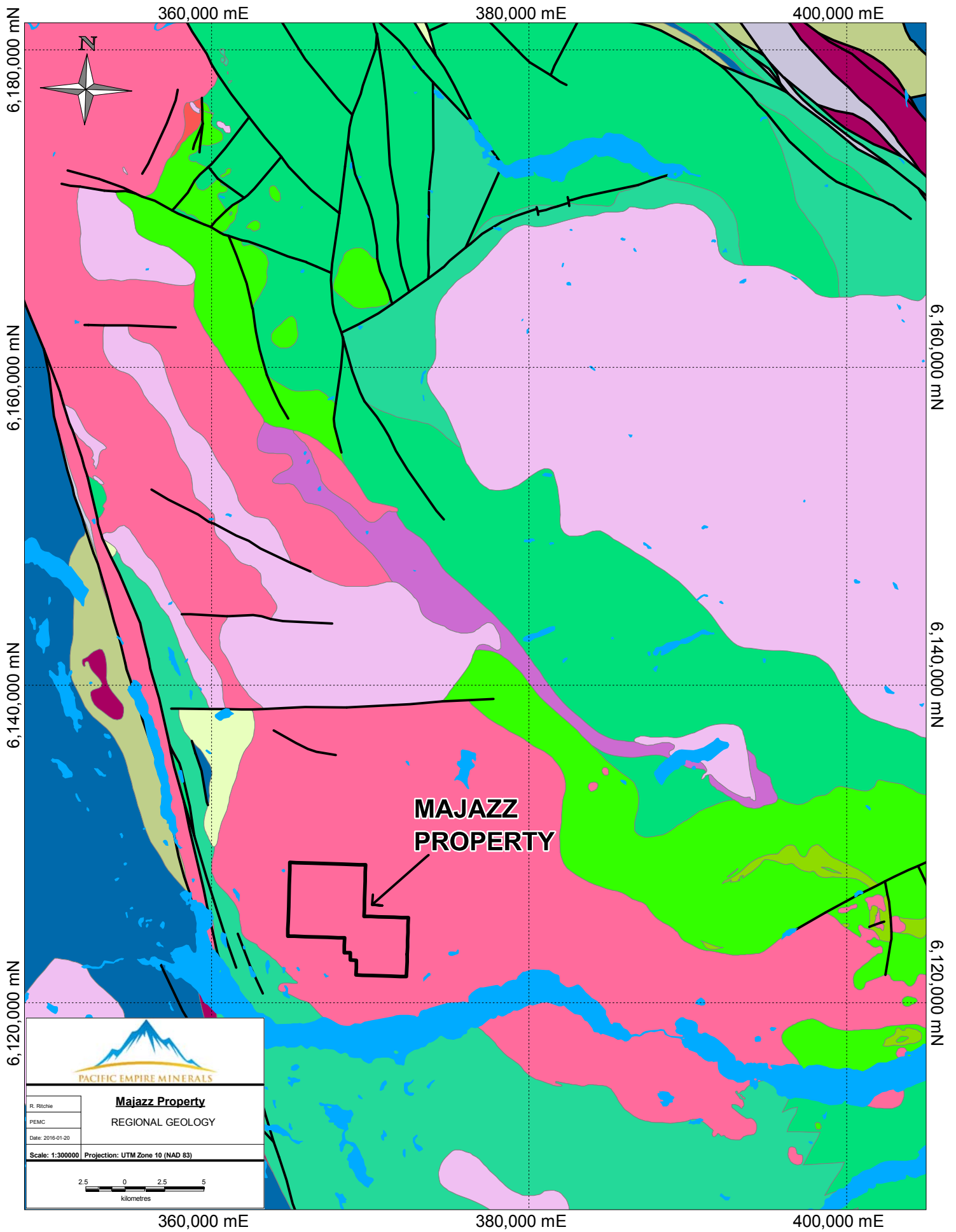


Figure 6.1: Regional Geology

**SEDIMENTARY ROCKS**

Mainly shale, sandstone, siltstone, conglomerate, limestone and dolostone.

TERTIARY



CRETACEOUS +/- TERTIARY



UPPER CRETACEOUS



LOWER CRETACEOUS



JURASSIC



TRIASSIC



UPPER PALEOZOIC



LOWER PALEOZOIC



UPPER PROTEROZOIC



MIDDLE PROTEROZOIC



**VOLCANIC ROCKS**

Mainly basalt, andesite, dacite and rhyolite.

LATE TERTIARY TO QUATERNARY



EARLY TERTIARY



CRETACEOUS



JURASSIC



TRIASSIC



PALEOZOIC



PROTEROZOIC



**METAMORPHIC ROCKS**

Mainly slate, schist, gneiss, marble, greenstone and amphibolite.

CENOZOIC



MESOZOIC



PALEOZOIC



LATE PROTEROZOIC



EARLY TO MIDDLE PROTEROZOIC



AGE UNKNOWN



**INTRUSIVE ROCKS**

Mainly granite, diorite and granodiorite.

MIDDLE TO LATE TERTIARY



LATE CRETACEOUS TO EARLY TERTIARY



EARLY CRETACEOUS



MIDDLE TO LATE JURASSIC



TRIASSIC TO EARLY JURASSIC



PALEOZOIC



PROTEROZOIC



AGE UNKNOWN



ULTRAMAFIC ROCKS (VARIOUS AGES)



Figure 6.2: Regional Geology Legend

Outcrop exposure is limited at lower elevations; however, at higher elevations outcrop exposure is plentiful.

**Table 6.1:** Description of rock sample

Sample_ID	UTM_E	UTM_N	Description
2086937	368968	6123029	Medium grained hornblende monzonite with weak saussuritization. 0.5 % chalcopyrite as disseminations and as fracture coatings.

## 7 Exploration

From September 28 to October 4, 2015, a total of 351 soil samples were collected at 100 meter intervals along lines spaced 200 meters apart. Soil samples were collected with a soil auger from the B horizon. In addition, one rock sample was collected from outcrop where saussurite alteration and chalcopyrite mineralization were observed. A description of the rock sample is provided in Table 6.1.

Soil samples were analyzed with an Olympus X-5000 XRF analyzer for a suite of elements, while the rock sample was sent to Met-Solve Analytical for multi-element analysis by ICP-MS along with gold analysis by fire-assay. Geochemical maps and sample descriptions can be found in the Appendix.

## 8 Sample Preparation, Analysis and Security

Soil samples were collected from the B horizon and placed in Kraft sample bags. Samples were allowed to dry for a week and then the samples were analyzed using a benchtop Olympus X-5000 XRF Analyzer. Representative samples were placed in small plastic receptacles and capped with Saran-Wrap. Samples were analyzed for 105 seconds. Specific details of the analysis are presented in Section 9.1 - XRF Analytical Techniques.

The rock sample was placed in a polyethylene bag along with a numbered sample tag, which was secured with a zip-tie then shipped to Met-Solve Laboratories in Langley, BC for analysis. The sample was subjected to a 4-acid digestion and subsequently analyzed for 48 elements by ICP-MS and ICP-AES Ultra Trace Level. The rock sample was also analyzed for gold by 30 g Fire Assay with an AAS finish.

## 9 Other Relevant Data and Information

### 9.1 XRF Analytical Techniques

#### Instrument Used:

Olympus Model X-5000 Benchtop analyzer with a Tantalum (Ta) anode configuration. This configuration is used for heavy-transition metal-focused applications.

#### Details:

The analyzer is equipped with an industrial grade X-ray Fluorescence analyzer high resolution detector system.

- >165 eV FWHM at 5.95 keV Mn spectral line

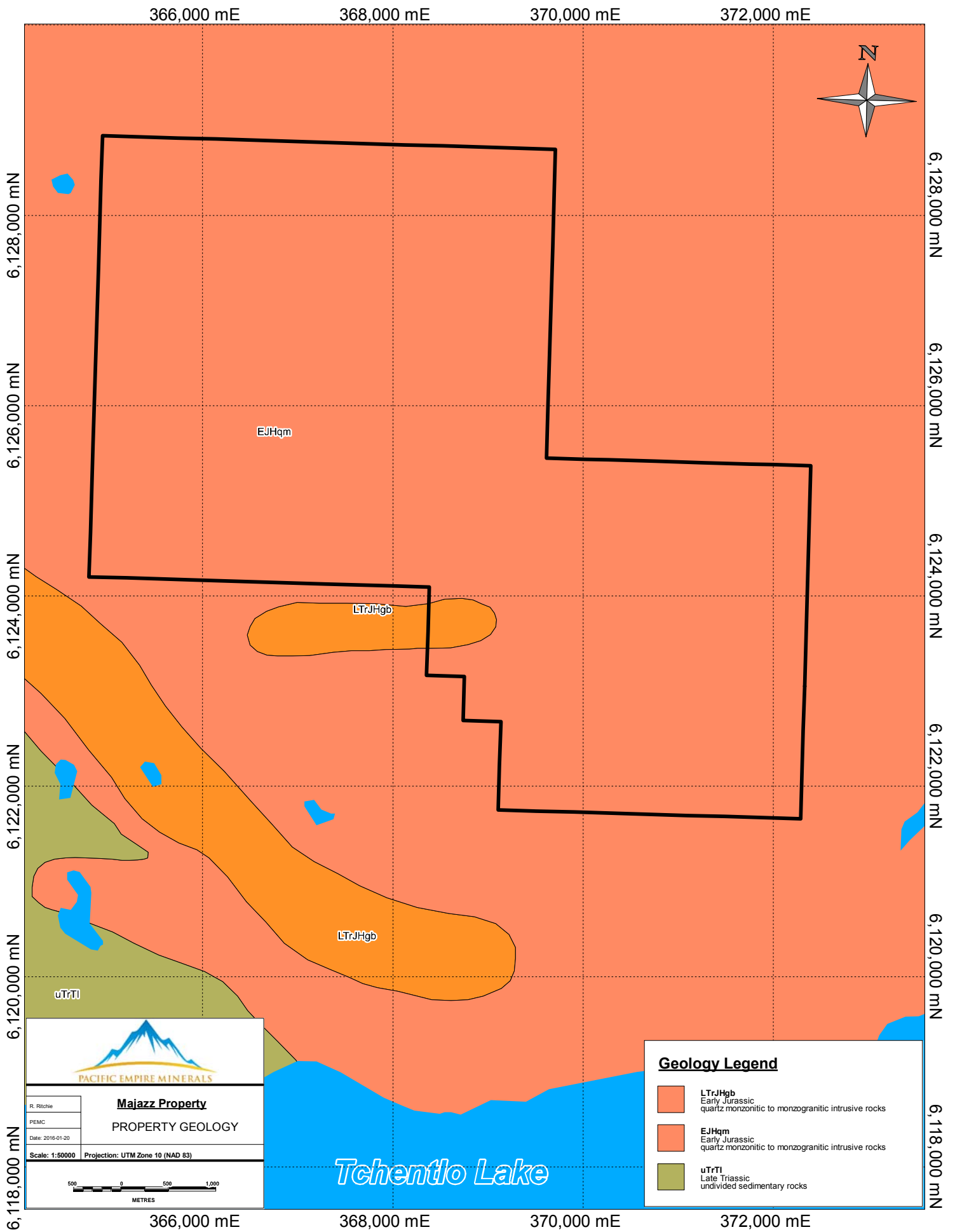


Figure 6.3: Property Geology

- 50 KeV, 10 W Tantalum X-ray Tube
- Total of 105 seconds for analysis (Beam #1: 30s, Beam #2: 45s, Beam #3: 30s )
- Results reported in parts per million (ppm)
- Method used is “Soil Mode”
- The following elements are reported P,S, C, K, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Rb, Sr, Y, Zr, Mo, Rh, Pd, Ag, Cd, Sn, Sb, W, Pt, Au, Hg, Pb, Bi, Th, and U.

## 10 Discussion and Interpretation

### 10.1 Discussion of Soil and Rock Geochemistry

A total of 351 soil samples were collected and analyzed with an XRF analyzer, and one rock sample was collected and analyzed for 48 elements and gold.

While analyzing the soil samples with the XRF analyzer it was noted that organic-rich samples tend to have elevated copper values. In order to more accurately determine truly anomalous zones of copper and molybdenum in soils the organic-rich samples were removed from the final copper geochemistry plots. The difference between the geochemical plots of copper with and without this bias is marked. Refer to the Appendix for these two plots.

Soil sampling identified an area with anomalous copper and molybdenum in soils in the southwest portion of the grid. The anomalous zone is approximately 800 meters by 500 meters and is spatially associated with the outcrop where the mineralized rock sample was collected. The distribution of anomalous copper-in-soil samples is somewhat erratic whereas the distribution of molybdenum results in a more focused anomaly that is roughly centered on the outcrop where the rock sample was collected.

The sole rock sample collected, which consisted of medium grained hornblende monzonite with 0.5% to 1.0% chalcopyrite mineralization as disseminations and fracture coatings, proved to be anomalous in copper, gold and silver. This is encouraging as the exploration target for this program was a copper-gold porphyry system, as opposed to a copper-molybdenum porphyry system.

### 10.2 Interpretation

The coincident copper-molybdenum soil anomalies are of interest and are likely “in situ” anomalies for two reasons: the overburden in this area is not extensive and the soil anomalies are coincident with copper mineralization in outcrop. As it stands, the coincident copper and molybdenum anomalies are open to the SW and may extend on to ground that is currently owned by another company. This anomaly may be indicative of a small to moderately sized Cu ± Au ± Ag ± Mo porphyry system in the immediate vicinity.

## 11 Recommendations & Conclusions

The recommended follow-up exploration program should consist of more detailed soil geochemistry in the area of the coincident copper-molybdenum soil anomalies, perhaps at a 50 m by 50 m grid spacing. Concurrently, as exposures are encountered, rock sampling should be undertaken where mineralization and/or porphyry-related alteration is observed.

## 12 Statement of Costs

**Table 12.1:** 2015 Statement of Costs

Exploration Work type	Comment	Days			Totals
<b>Personnel (Name)* / Position</b>	<b>Field Days</b>	<b>Days</b>	<b>Rate</b>	<b>Subtotal*</b>	
Rory Ritchie / Geologist	August 5-7, 2015	2.5	\$400.00	\$1,000.00	
Brad Peters / Geologist	August 5-7, 2015	2.5	\$400.00	\$1,000.00	
Rory Ritchie / Geologist	September 26 - October 5, 2015	10	\$400.00	\$4,000.00	
Brad Peters / Geologist	September 26 - October 5, 2015	10	\$400.00	\$4,000.00	
				\$10,000.00	<b>\$10,000.00</b>
<b>Office Studies</b>	<b>Personnel</b>				
Report preparation	Brad Peters / Rory Ritchie	3.0	\$400.00	\$1,200.00	
				\$1,200.00	<b>\$1,200.00</b>
<b>Geochemical Surveying</b>	<b>Number of Samples</b>	<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
Rock	1 Rock Sample	1.0	\$35.00	\$35.00	
Other	XRF soil analysis	351.0	\$10.00	\$3,510.00	
				\$3,545.00	<b>\$3,545.00</b>
<b>Transportation</b>		<b>No.</b>	<b>Rate</b>	<b>Subtotal</b>	
truck rental #1	Toyota Tacoma	11.00	\$65.00	\$715.00	
truck rental #2	Dodge RAM	2.00	\$85.00	\$170.00	
fuel			\$0.00	\$550.00	
				\$1,435.00	<b>\$1,435.00</b>
<b>Accommodation &amp; Food</b>	<b>Rates per day</b>				
Hotel			\$200.00	\$200.00	
Camp (Mountain Caribou Lodge)	September 26 - October 4, 2015	8.00	\$100.00	\$800.00	
Meals	\$25/day/person	14.00	\$25.00	\$350.00	
				\$1,350.00	<b>\$1,350.00</b>
<b>Miscellaneous</b>					
Telephone			\$0.00	\$40.00	
				\$40.00	<b>\$40.00</b>
<b>TOTAL Expenditures</b>					<b>\$17,570.00</b>



## 13 Statement of Qualifications

I, Rory R. Ritchie, do hereby certify that:

1. I am sole proprietor of Rory Ritchie Geological Consulting located at 1553 Woods Dr., North Vancouver, B.C., Canada;
2. I have a Bachelor of Science degree in Chemistry from The University of Western Ontario, completed in 2005. I fulfilled APEGBC requirements in Earth Sciences at Simon Fraser University by 2008. I am a Licensed Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia;
3. I have engaged in mineral exploration since 2007, for junior exploration companies and as an independent geologist;
4. I completed a personal inspection of the Majazz property on August 6<sup>th</sup> and August 7<sup>th</sup>, 2015 and from September 28<sup>th</sup> to October 4<sup>th</sup>, 2015;
5. I have co-authored the report entitled “Geochemical Report on the Majazz Property”. The report is based on exploration conducted by the authors;
6. I am non-independent using the definition in Section 5.1 of National Instrument 43-101;
7. I am the Vice President of Exploration for Pacific Empire Minerals Corp.;
8. As of the effective date of this Report, to the best of my knowledge, information and belief, the Report contains all scientific and technical information that is required to be disclosed to make the Report not misleading.

Signed and dated at Vancouver, British Columbia, on the 1<sup>st</sup> day of February, 2016.

---

Rory R. Ritchie H.B.Sc., P.Geo.

I, Brad J. Peters, do hereby certify that:

1. I am sole proprietor of BJP Consulting located at 411-801 Klahanie Drive, Port Moody, BC, Canada;
2. I have a Bachelor of Science Degree from the University of British Columbia (Geology), completed in 2009;
3. I have engaged in mineral exploration since 2007, for junior exploration companies and as an independent geologist;
4. I completed a personal inspection of the Majazz property on August 6<sup>th</sup> and August 7<sup>th</sup>, 2015 and from September 28<sup>th</sup> to October 4<sup>th</sup>, 2015;
5. I have co-authored the report entitled “Geochemical Report on the Majazz Property”. The report is based on exploration conducted by the authors
6. I am non-independent using the definition in Section 5.1 of National Instrument 43-101;
7. I am the President of Pacific Empire Minerals Corp.;
8. As of the effective date of this Report, to the best of my knowledge, information and belief, the Report contains all scientific and technical information that is required to be disclosed to make the Report not misleading.

Signed and dated at Vancouver, British Columbia, on the 1<sup>st</sup> day of February, 2016.

---

Brad J. Peters B.Sc.

## References

- Franz, K. and Voordouw, R. (2012). 2011 Geological, Geochemical and Geophysical Report on the Redton Project. Assessment Report 32504, Kiska Metals Corporation. Redton Project.
- Nelson, J. and Colpron, M. (2007). Tectonics and metallogeny of the british columbia, yukon and alaskan cordillera, 1.8 ga to the present. *Mineral deposits of Canada: a synthesis of major deposit-types, district metallogeny, the evolution of geological provinces, and exploration methods: Geological Association of Canada, Mineral Deposits Division, Special Publication*, 5:755–791.



An A2 Global Company

Met-Solve Analytical Services Inc.  
 Unit 1, 20120 102nd Avenue  
 Langley, BC V1M 4B4  
 Phone: +1-604-888-0875

To: **Pacific Empire Minerals Corp.**  
**Suite 211-850 West Hastings St**  
**Vancouver, BC**  
**V6C 1E1**

**CERTIFICATE OF ANALYSIS: MA0079-JAN16**

Project Name: Majazz  
 Job Received Date: 19-Jan-2016  
 Job Report Date: 29-Jan-2016  
 Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg	Method Analyte Units	FAS-111 Au ppm	IMS-230 Ag ppm	IMS-230 Al %	IMS-230 As ppm	IMS-230 Ba ppm	IMS-230 Be ppm	IMS-230 Bi ppm	IMS-230 Ca %	IMS-230 Cd ppm
2086937	Rock	1.01	LOR	0.005	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02
DUP 2086937				0.173	2.55	8.79	1.3	1586	1.22	3.34	4.74	0.14
DUP 2086937				0.188	2.50	8.76	1.2	1590	1.22	3.11	4.73	0.15
STD BLANK				<0.005	<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02
STD OxC129				0.199								
STD OREAS 24b					0.14	7.92	9.1	663	3.10	0.68	1.04	0.11

\*\*\*Please refer to the cover page for comments regarding this certificate. \*\*\*



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 Report Version: Final

	IMS-230 Ce ppm	IMS-230 Co ppm	IMS-230 Cr ppm	IMS-230 Cs ppm	IMS-230 Cu ppm	IMS-230 Fe %	IMS-230 Ga ppm	IMS-230 Ge ppm	IMS-230 Hf ppm	IMS-230 In ppm	IMS-230 K %	IMS-230 La ppm
Sample ID	0.01	0.01	1	0.05	0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5
2086937	34.76	21.27	58	3.56	2671.2	5.90	18.84	0.69	1.3	0.138	2.00	13.1
DUP 2086937												
DUP 2086937	35.00	21.23	58	3.55	2680.1	5.90	18.69	0.70	1.3	0.142	2.00	13.0
STD BLANK												
STD BLANK	<0.01	<0.01	<1	<0.05	<0.2	<0.01	<0.05	<0.05	<0.1	<0.005	<0.01	<0.5
STD OxC129												
STD OREAS 24b	85.51	17.64	114	10.69	37.6	4.38	20.67	0.81	4.1	0.077	2.79	41.9

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<b>CERTIFICATE OF ANALYSIS:</b>	<b>MA0079-JAN16</b>
---------------------------------	---------------------

Project Name: Majazz  
 Job Received Date: 19-Jan-2016  
 Job Report Date: 29-Jan-2016  
 Report Version: Final

	IMS-230 Li ppm	IMS-230 Mg %	IMS-230 Mn ppm	IMS-230 Mo ppm	IMS-230 Na %	IMS-230 Nb ppm	IMS-230 Ni ppm	IMS-230 P ppm	IMS-230 Pb ppm	IMS-230 Rb ppm	IMS-230 Re ppm	IMS-230 S %
Sample ID	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5	0.1	0.002	0.01
2086937	13.9	1.96	1450	1.42	2.77	2.4	8.1	1812	8.6	44.6	<0.002	0.09
DUP 2086937												
DUP 2086937	13.9	1.94	1457	1.43	2.78	2.4	8.0	1839	8.1	43.1	<0.002	0.09
STD BLANK												
STD BLANK	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5	<0.1	<0.002	<0.01
STD OxC129												
STD OREAS 24b	52.8	1.64	430	4.23	0.85	14.6	60.9	665	23.7	164.8	<0.002	0.19

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<b>CERTIFICATE OF ANALYSIS:</b>	<b>MA0079-JAN16</b>
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Project Name: Majazz  
 Job Received Date: 19-Jan-2016  
 Job Report Date: 29-Jan-2016  
 Report Version: Final

	IMS-230 Sb ppm	IMS-230 Sc ppm	IMS-230 Se ppm	IMS-230 Sn ppm	IMS-230 Sr ppm	IMS-230 Ta ppm	IMS-230 Te ppm	IMS-230 Th ppm	IMS-230 Ti %	IMS-230 Tl ppm	IMS-230 U ppm	IMS-230 V ppm
Sample ID	0.5	0.1	1	0.2	0.2	0.05	0.05	0.2	0.01	0.02	0.1	1
2086937	<0.5	20.2	2	3.9	934.5	0.19	0.90	0.9	0.44	0.20	0.6	210
DUP 2086937												
DUP 2086937	<0.5	19.9	2	4.0	932.0	0.18	0.96	0.8	0.44	0.20	0.6	209
STD BLANK												
STD BLANK	<0.5	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.2	<0.01	<0.02	<0.1	<1
STD OxC129												
STD OREAS 24b	1.0	15.4	1	4.2	121.5	1.15	0.13	16.3	0.45	0.82	3.0	104

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**CERTIFICATE OF ANALYSIS: MA0079-JAN16**

Project Name: Majazz  
Job Received Date: 19-Jan-2016  
Job Report Date: 29-Jan-2016  
Report Version: Final

	IMS-230 W ppm	IMS-230 Y ppm	IMS-230 Zn ppm	IMS-230 Zr ppm
Sample ID	0.1	0.1	2	0.5
2086937	0.7	14.5	101	46.1
DUP 2086937				
DUP 2086937	0.6	14.2	101	47.0
STD BLANK				
STD BLANK	<0.1	<0.1	<2	<0.5
STD OxC129				
STD OREAS 24b	3.8	20.2	105	138.0

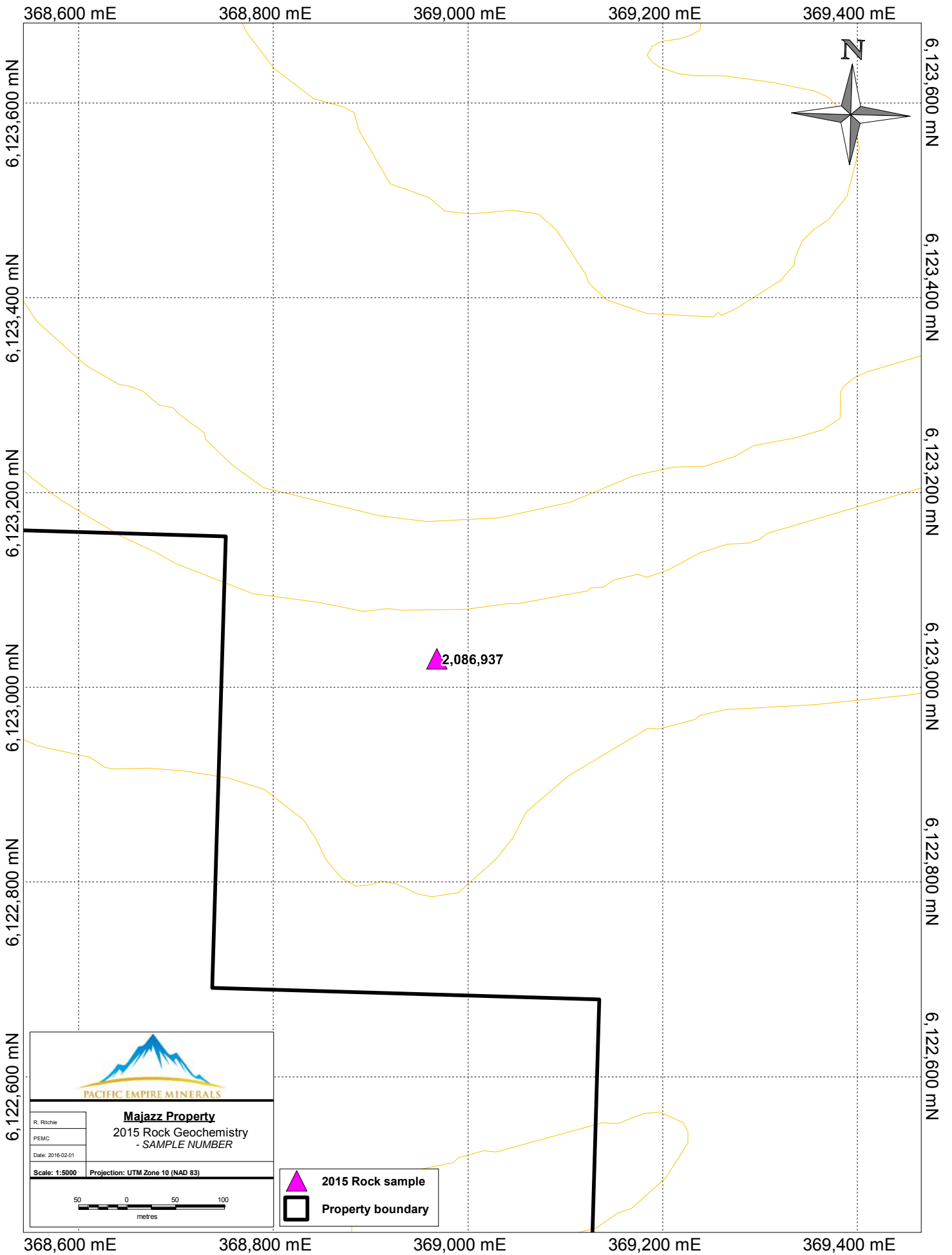
\*\*\*Please refer to the cover page for comments regarding this certificate. \*\*\*



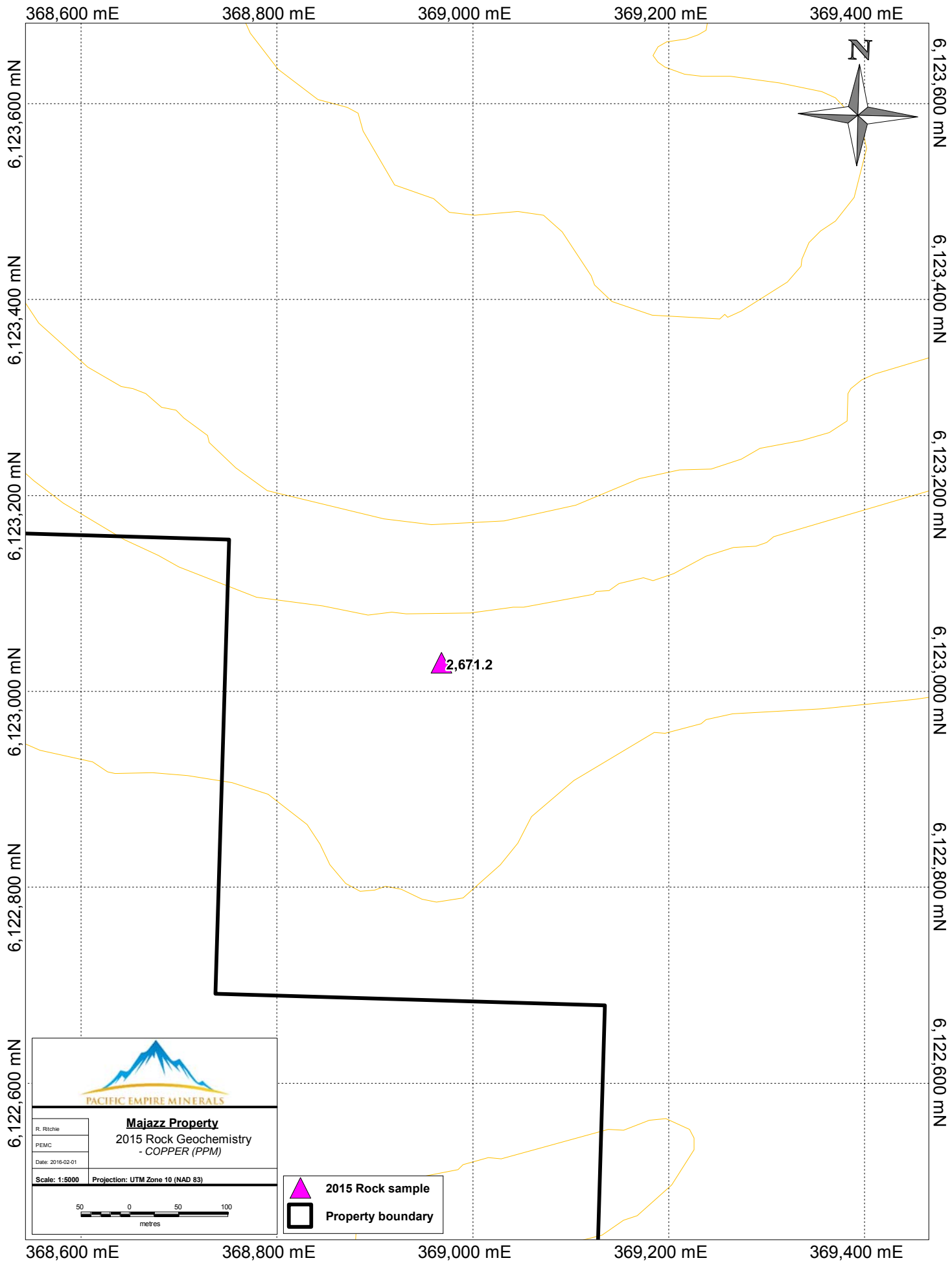












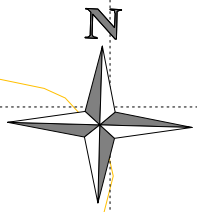
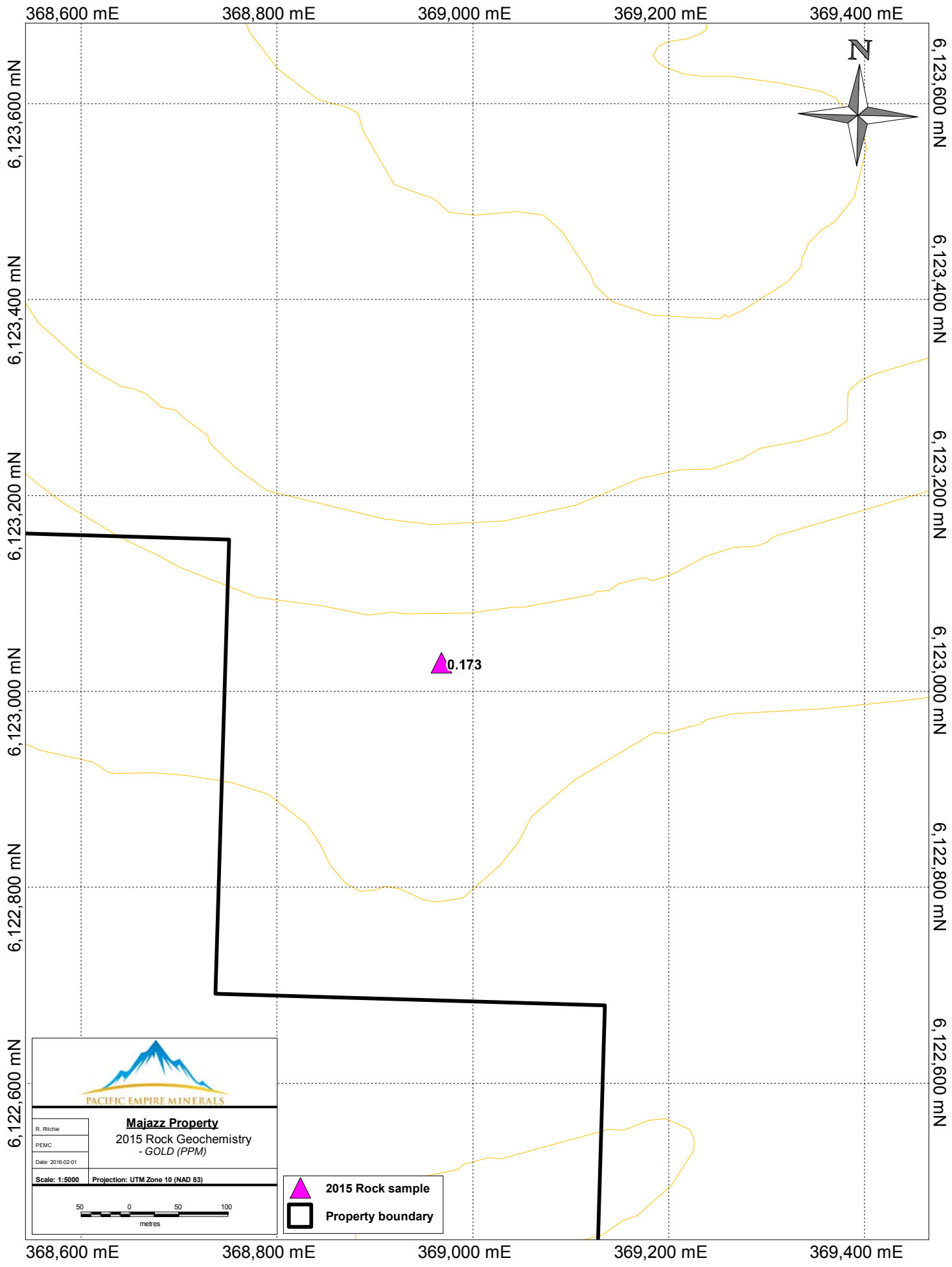


R. Ritchie	<b>Majazz Property</b> 2015 Rock Geochemistry - COPPER (PPM)
PEMC	
Date: 2016-02-01	

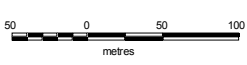
Scale: 1:5000      Projection: UTM Zone 10 (NAD 83)



 2015 Rock sample

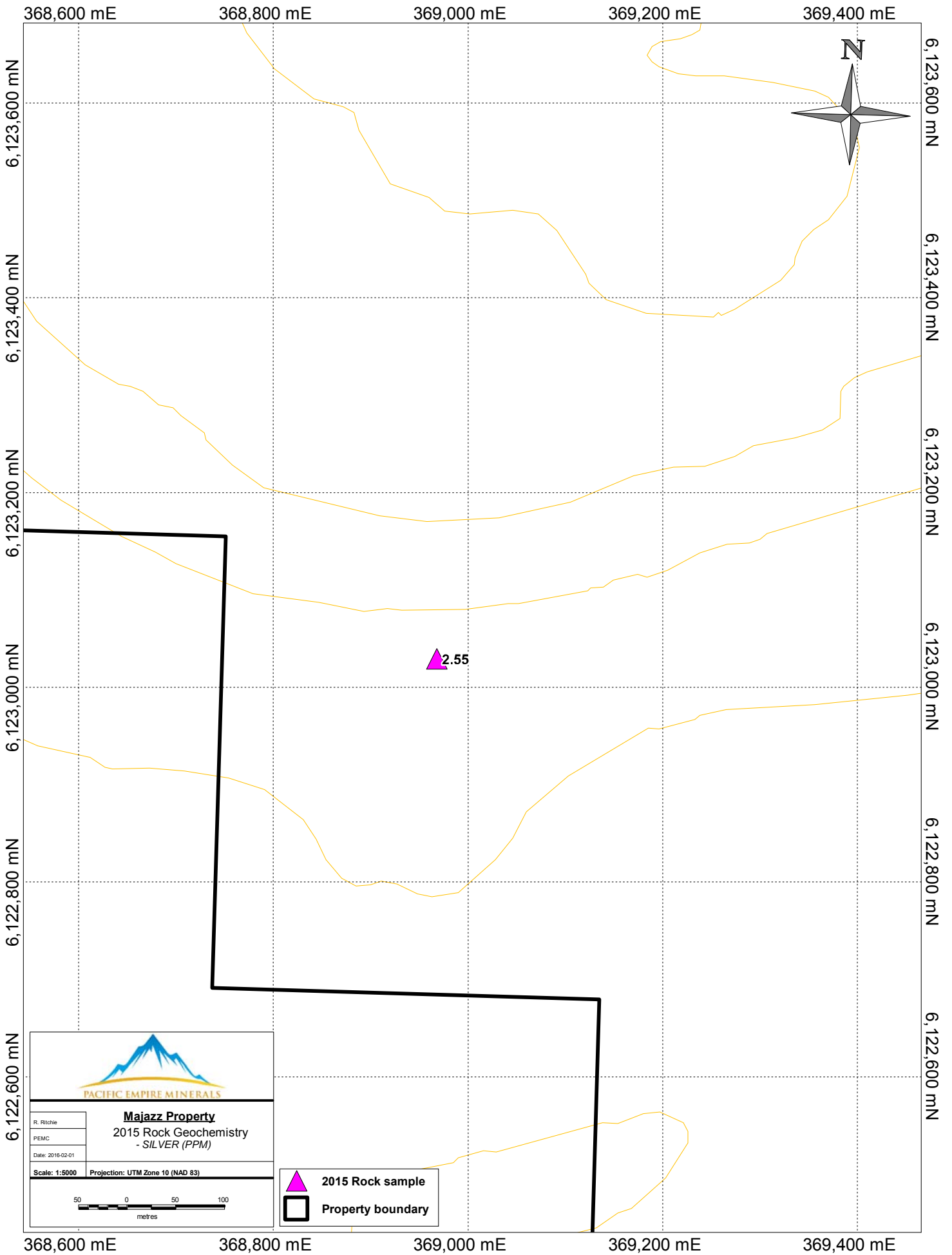
 Property boundary



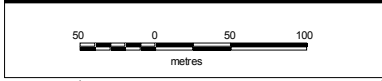
**Majazz Property**  
 2015 Rock Geochemistry  
 - GOLD (PPM)  
 R. Ritchie  
 PEMC  
 Date: 2016-02-01  
 Scale: 1:5000 Projection: UTM Zone 10 (NAD 83)





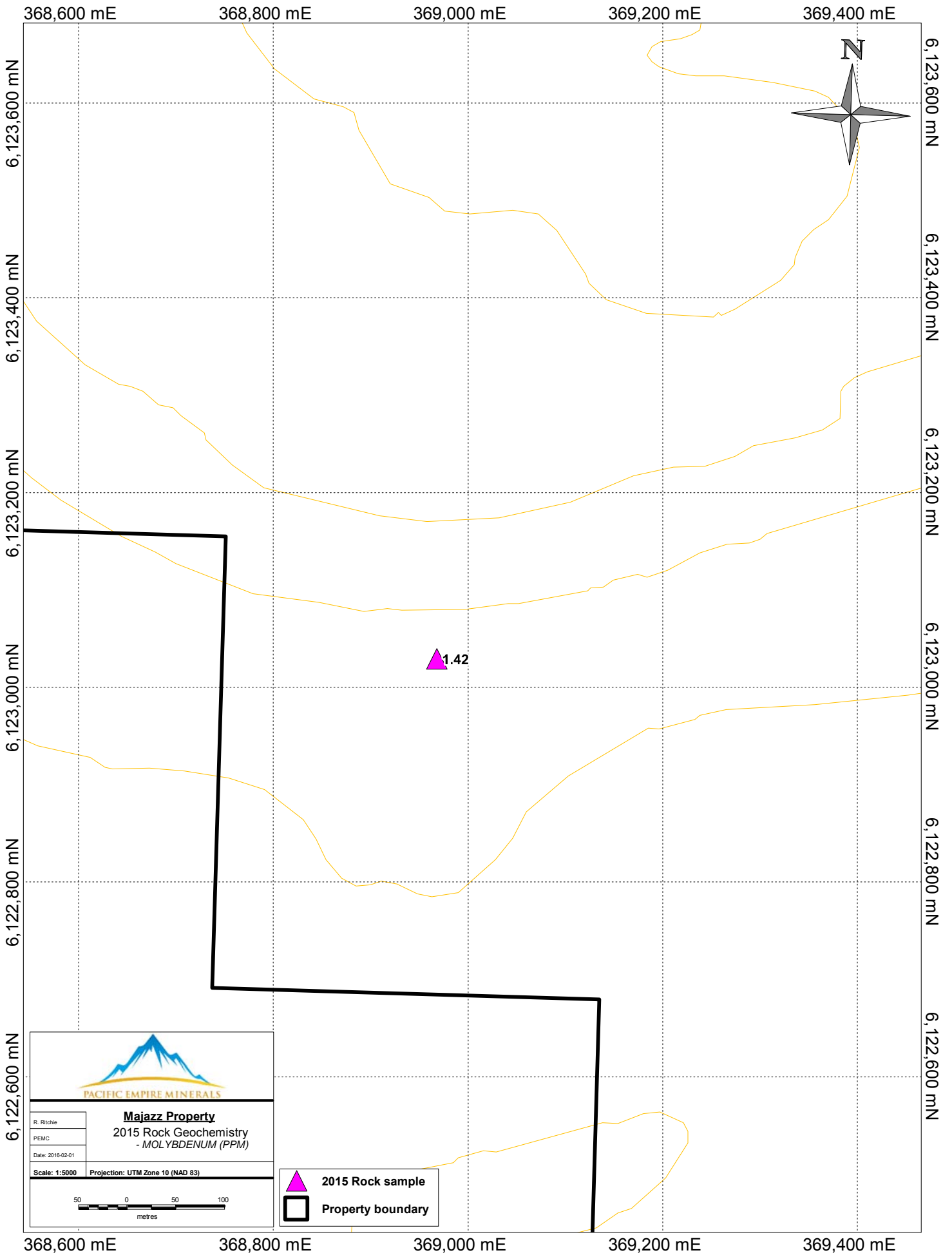
-  2015 Rock sample
-  Property boundary



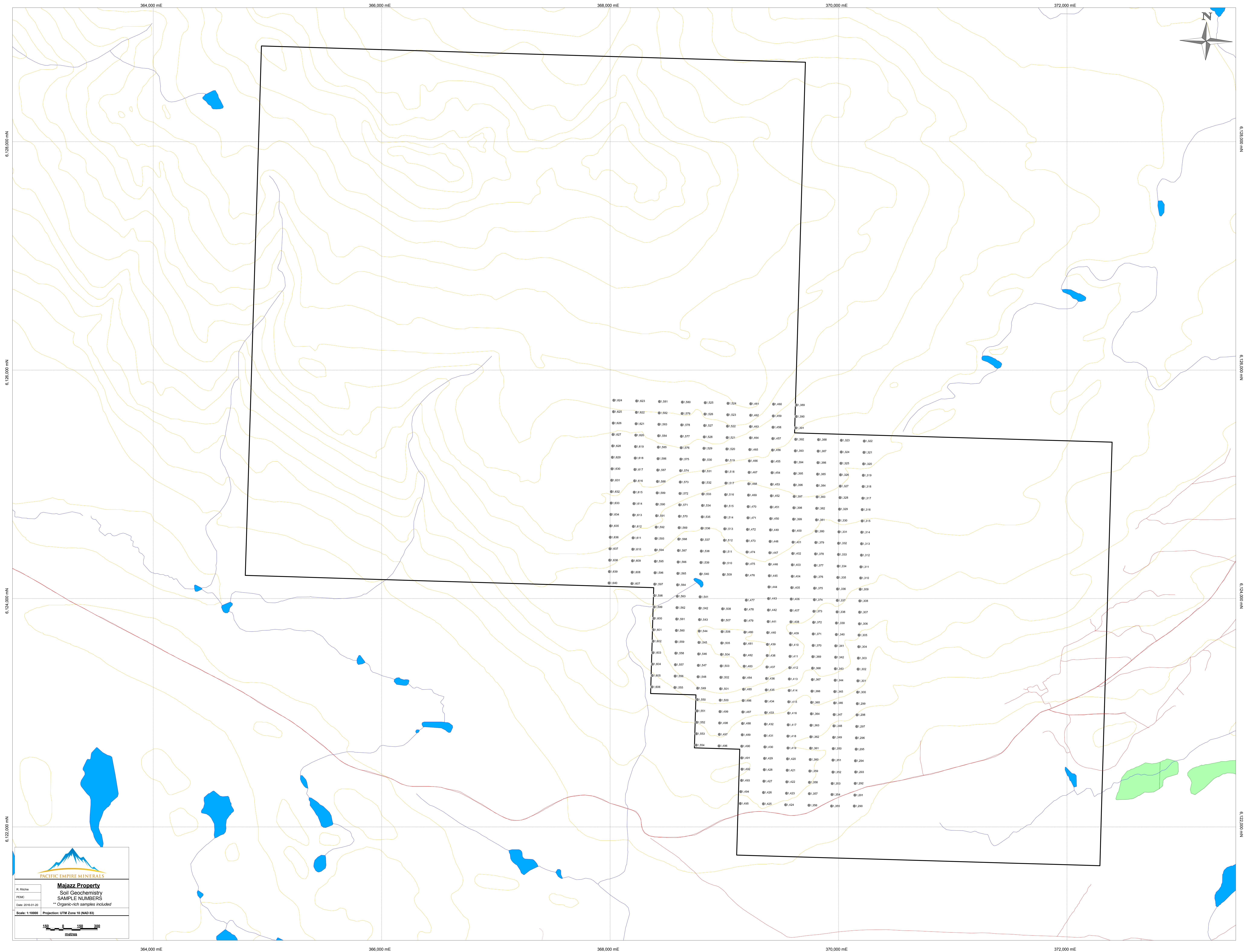
**Majazz Property**  
 2015 Rock Geochemistry  
 - SILVER (PPM)  
 R. Ritchie  
 PEMC  
 Date: 2016-02-01



-  2015 Rock sample
-  Property boundary







364,000 mE

366,000 mE

368,000 mE

370,000 mE

372,000 mE

6,128,000 mN

6,128,000 mN

6,128,000 mN

6,128,000 mN

6,128,000 mN

6,128,000 mN

6,128,000 mN

6,128,000 mN

364,000 mE

366,000 mE

368,000 mE

370,000 mE

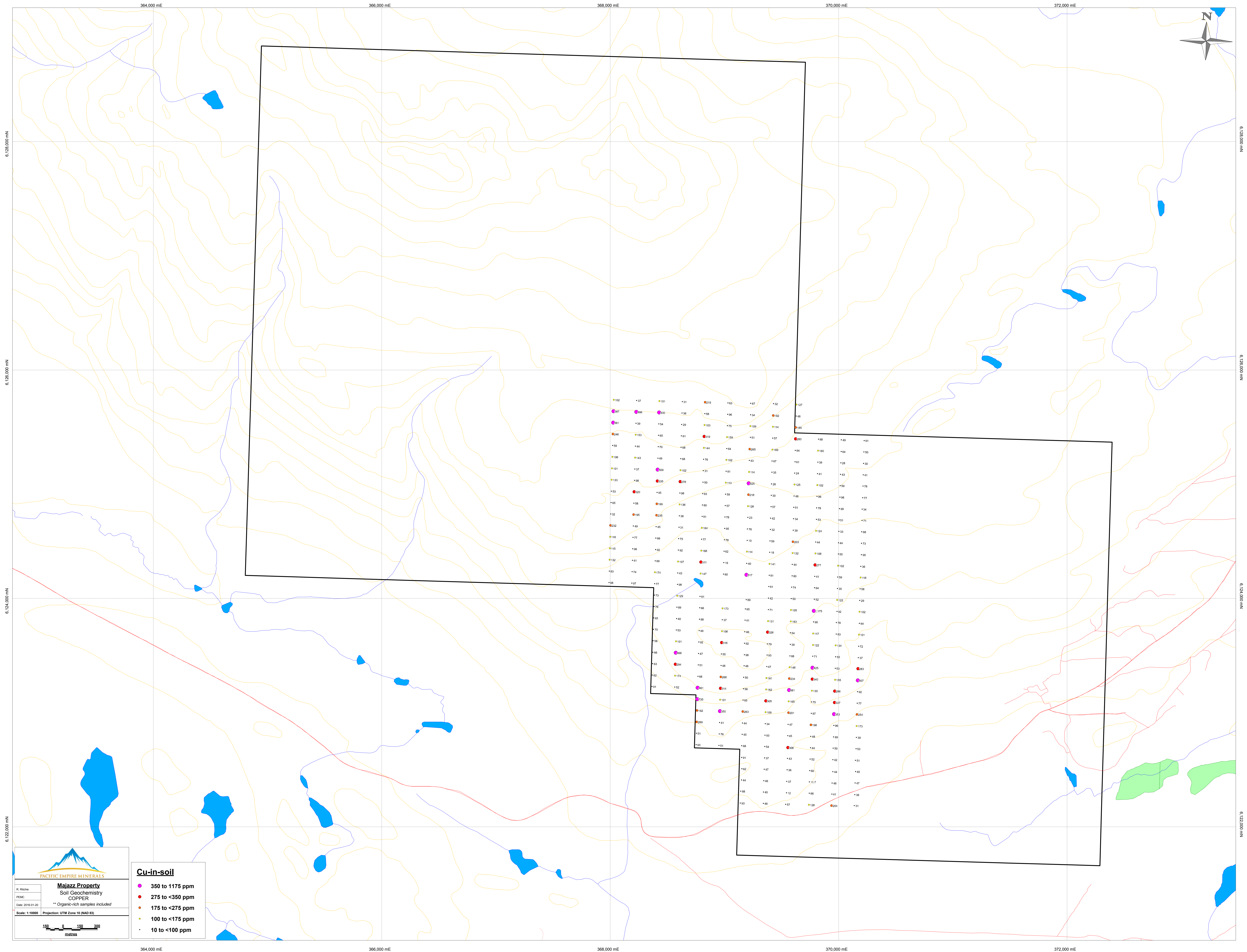
372,000 mE

**PACIFIC EMPIRE MINERALS**

**Majazz Property**  
Soil Geochemistry  
SAMPLE NUMBERS  
Date: 2016-01-20  
Scale: 1:10000 Projection: UTM Zone 18 (NAD 83)

1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501	1502	1503	1504	1505	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515	1516	1517	1518	1519	1520	1521	1522	1523	1524	1525	1526	1527	1528	1529	1530	1531	1532	1533	1534	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544	1545	1546	1547	1548	1549	1550	1551	1552	1553	1554	1555	1556	1557	1558	1559	1560	1561	1562	1563	1564	1565	1566	1567	1568	1569	1570	1571	1572	1573	1574	1575	1576	1577	1578	1579	1580	1581	1582	1583	1584	1585	1586	1587	1588	1589	1590	1591	1592	1593	1594	1595	1596	1597	1598	1599	1600	1601	1602	1603	1604	1605	1606	1607	1608	1609	1610	1611	1612	1613	1614	1615	1616	1617	1618	1619	1620	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630	1631	1632	1633	1634	1635	1636	1637	1638	1639	1640	1641	1642	1643	1644	1645	1646	1647	1648	1649	1650	1651	1652	1653	1654	1655	1656	1657	1658	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668	1669	1670	1671	1672	1673	1674	1675	1676	1677	1678	1679	1680	1681	1682	1683	1684	1685	1686	1687	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697	1698	1699	1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710	1711	1712	1713	1714	1715	1716	1717	1718	1719	1720	1721	1722	1723	1724	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735	1736	1737	1738	1739	1740	1741	1742	1743	1744	1745	1746	1747	1748	1749	1750	1751	1752	1753	1754	1755	1756	1757	1758	1759	1760	1761	1762	1763	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
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364,000 mE

366,000 mE

368,000 mE

370,000 mE

372,000 mE

6,128,000 mN

6,128,000 mN

6,128,000 mN

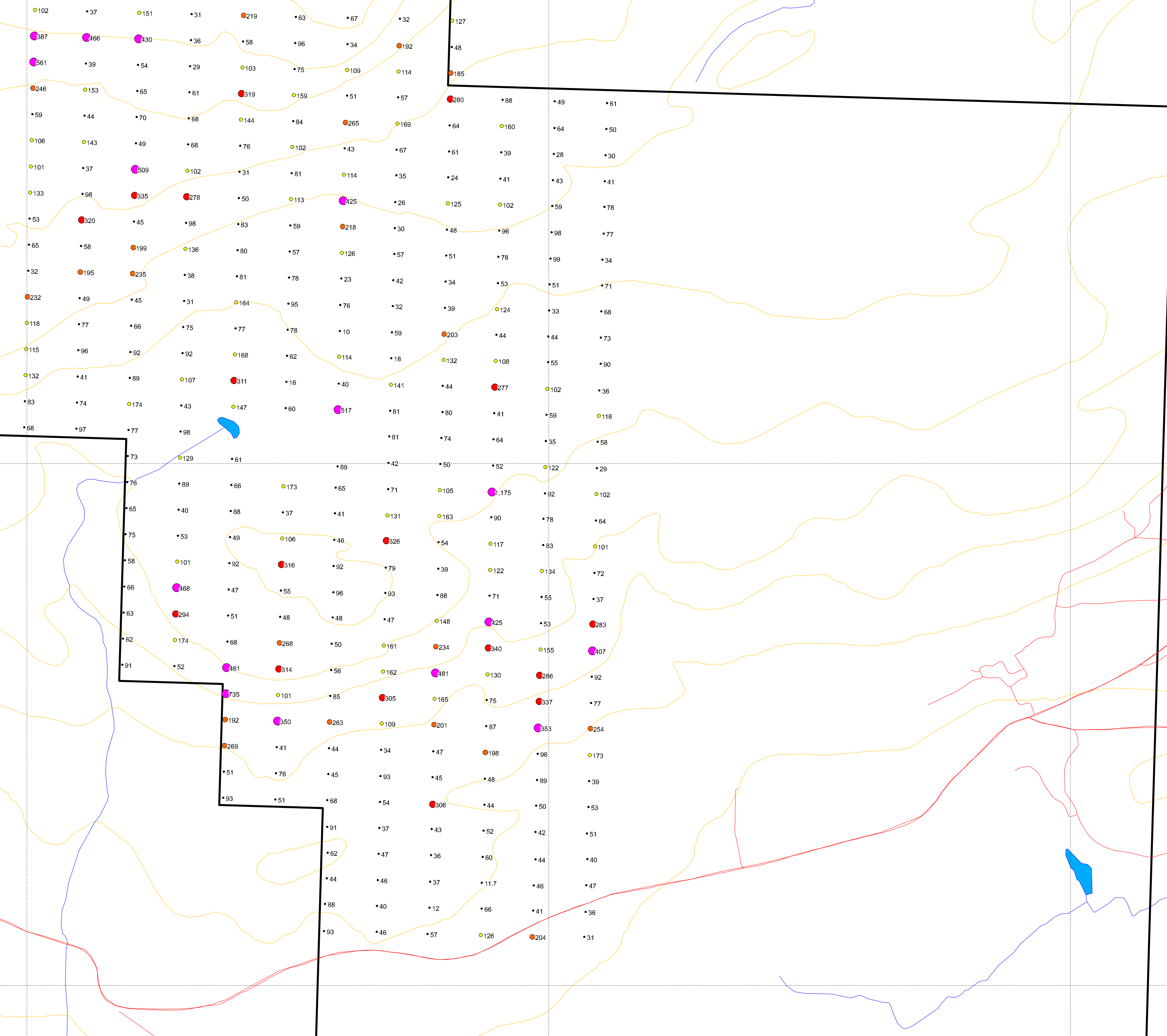
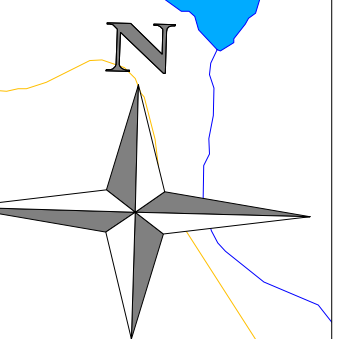
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6,128,000 mN

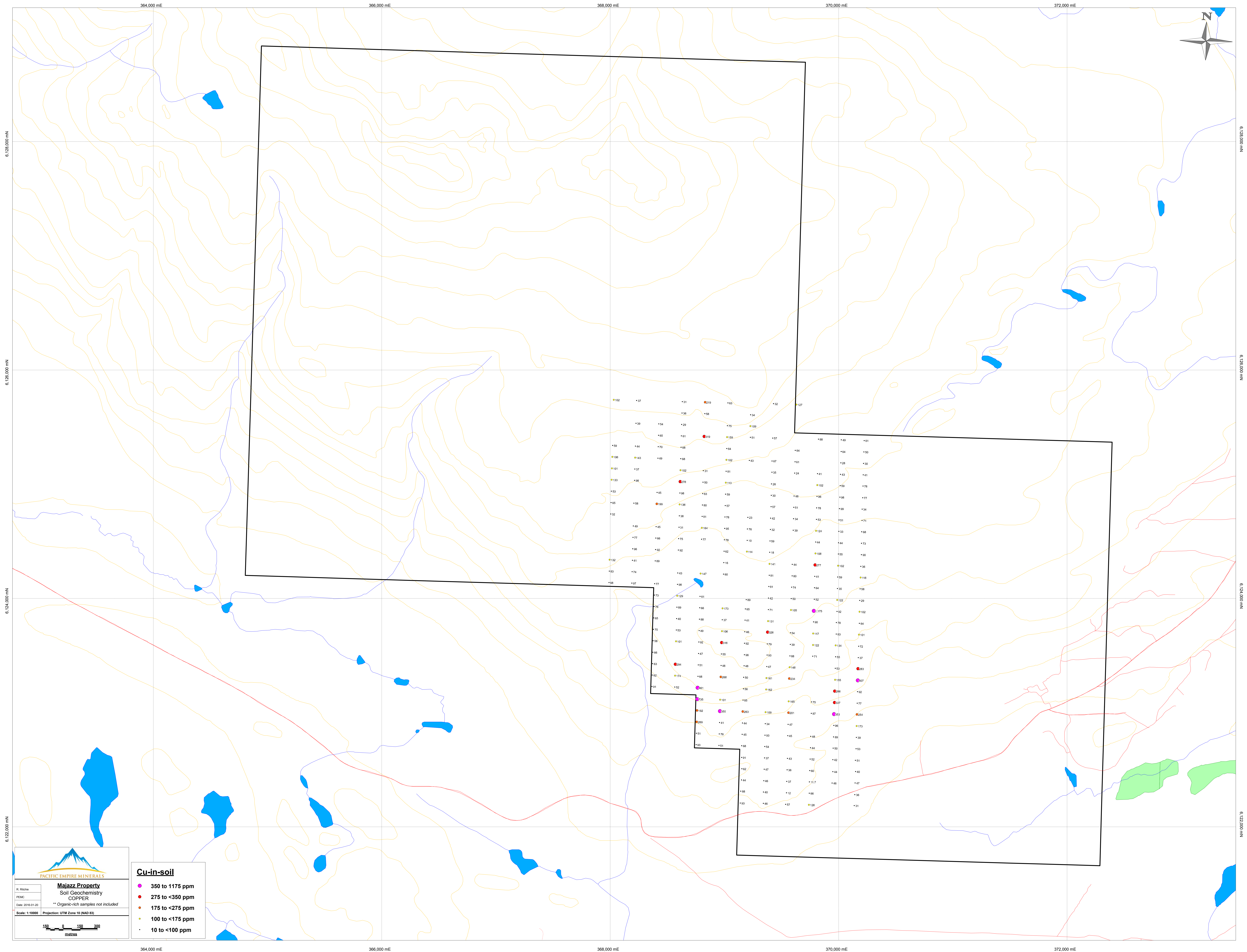
6,128,000 mN

6,128,000 mN

6,128,000 mN







364,000 mE

366,000 mE

368,000 mE

370,000 mE

372,000 mE

6,126,000 mN

6,126,000 mN

6,124,000 mN

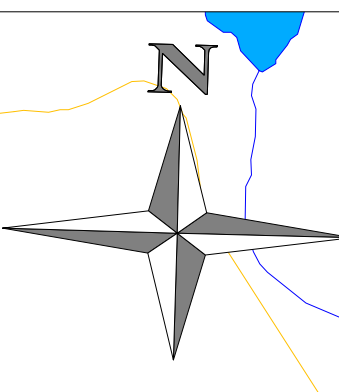
6,124,000 mN

6,126,000 mN

6,126,000 mN

6,124,000 mN

6,124,000 mN



**Cu-in-soil**

- 350 to 1175 ppm
- 275 to <350 ppm
- 175 to <275 ppm
- 100 to <175 ppm
- 10 to <100 ppm

**PACIFIC EMPIRE MINERALS**

**Majazz Property**  
Soil Geochemistry  
COPPER

R. Ritchie  
PEMC  
Date: 2016-01-20  
Scale: 1:10000 Projection: UTM Zone 18 (NAD 83)

0 150 300  
metres

364,000 mE

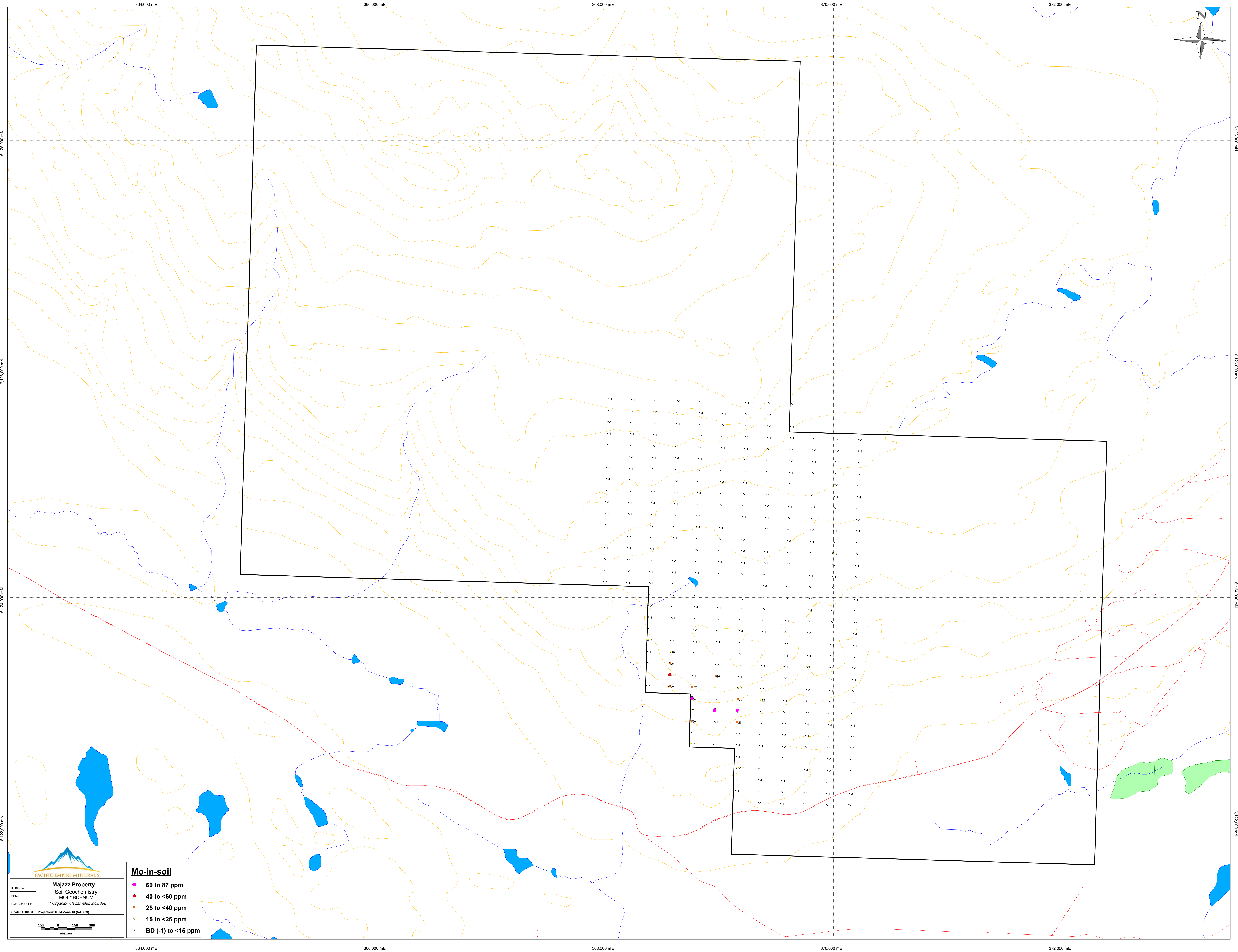
366,000 mE

368,000 mE

370,000 mE

372,000 mE





6,128,000 mN  
6,126,000 mN  
6,124,000 mN  
6,122,000 mN

**PACIFIC EMPIRE MINERALS**

**Majazz Property**  
Soil Geochemistry  
MOLYBDENUM

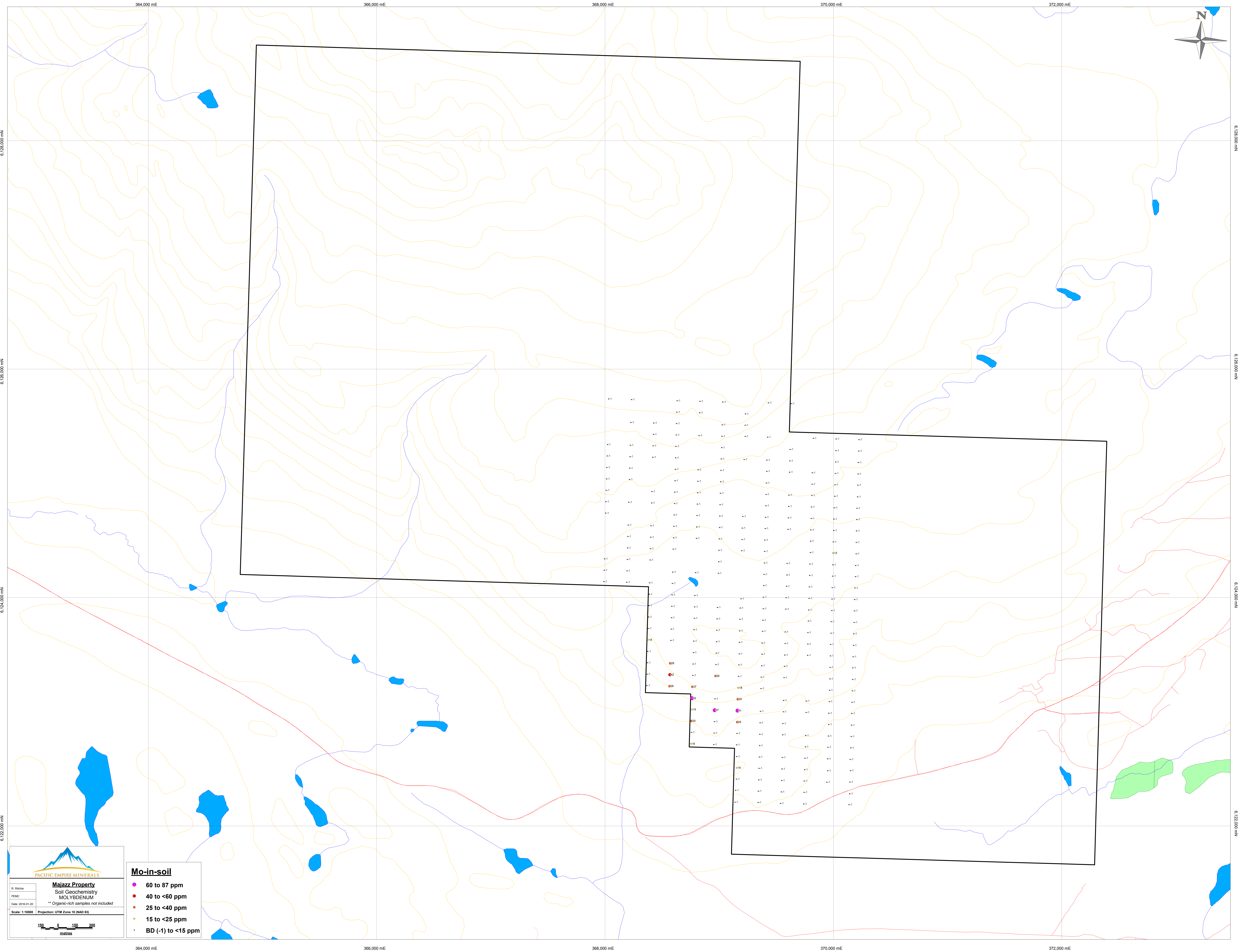
R. Ritchie  
PEMC  
Date: 2016-01-20  
Scale: 1:10000 Projection: UTM Zone 18 (NAD 83)

- Mo-in-soil**
- 60 to 87 ppm
  - 40 to <60 ppm
  - 25 to <40 ppm
  - 15 to <25 ppm
  - BD (-1) to <15 ppm

6,128,000 mN  
6,126,000 mN  
6,124,000 mN  
6,122,000 mN

364,000 mE 366,000 mE 368,000 mE 370,000 mE 372,000 mE





6,124,000 mN  
6,124,000 mN  
6,124,000 mN  
6,124,000 mN  
6,124,000 mN

**PACIFIC EMPIRE MINERALS**

**Majazz Property**  
Soil Geochemistry  
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6,124,000 mN  
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