



# **EAGLE MOUNTAIN MINING**

## **COPPER & GOLD IN ARIZONA**

**ASX:EM2 | MAY 2018**





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# CORPORATE OVERVIEW



**CHARLES BENNETT BASS**  
**MANAGING DIRECTOR &  
CHIEF EXECUTIVE OFFICER**

BSc Geology, MSc Mining Engineering/  
Mineral Processing, FAICD, FAusIMM, FAIG



**RICK WAYNE CRABB**  
**NON-EXECUTIVE CHAIRMAN**

BJuris (Hons), LLB, MBA, FAICD



**ROGER MAITLAND PORT**  
**NON-EXECUTIVE DIRECTOR**

BA, FCA, SF Fin, FAICD



**BRETT ANTHONY ROWE**  
**ALTERNATE DIRECTOR  
(FOR CHARLES BASS)**

BComm, MAcc, GAICD



**MARK EDWARD PITTS**  
**COMPANY SECRETARY**

BBus, FCA, GAICD



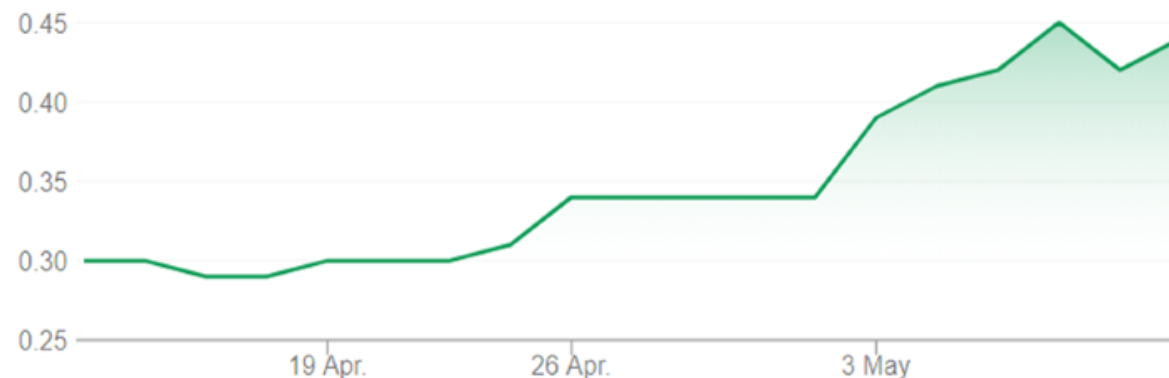
## CAPITAL STRUCTURE

Shares on issue:	92,500,001
Currently escrowed ( until 12.12.18)	(6,435,000)
Currently escrowed ( until 16.3.20)	(17,494,226)
Options on offer ( ex \$0.20 & \$0.30 ):	16,000,000
Performance Rights:	75,000
Fully diluted Market Cap:	\$48M
Cash as at 31/3/18:	\$8.3M
Current share price as at 14/05/18:	\$0.44

## TOP 6 SHAREHOLDERS

Silver Mountain Mining Nominee Pty Ltd:	39.62%
Merrill Lynch Australia Nominees Pty Limited:	2.72%
J P Morgan Nominees Australia Limited:	2.70%
Arai Ad Management Pty Ltd <TRK Superannuation Fund A/C>:	2.16%
Tirumi Pty Ltd <Tirum Super Fund A/C>:	1.97%
Prospect AG Trading Pty Ltd <O'Keeffe Family A/C>:	1.35%

Note: Top 20 Shareholders own 65.58% of shares







# WHY ARE WE HERE?



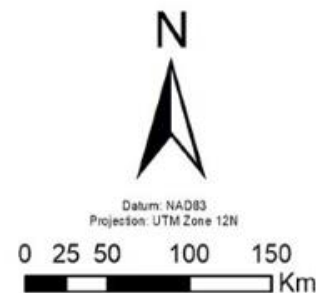
- > High-grade historical mines
- > 6km gossanous horizon
- > Patented claims
- > No modern exploration
- > Arizona: excellent mining jurisdiction
- > Elephant Country: world class VMS & Porphyry Cu





# ARIZONA



World class VMS and Porphyry mines



## Legend

-  Silver Mountain Project
-  Porphyry Deposit
-  Volcanogenic Massive Sulphide Deposit
-  Volcanogenic Massive Sulphide Trend
-  Laramide Arc
-  US Interstate Highway
-  Arizona

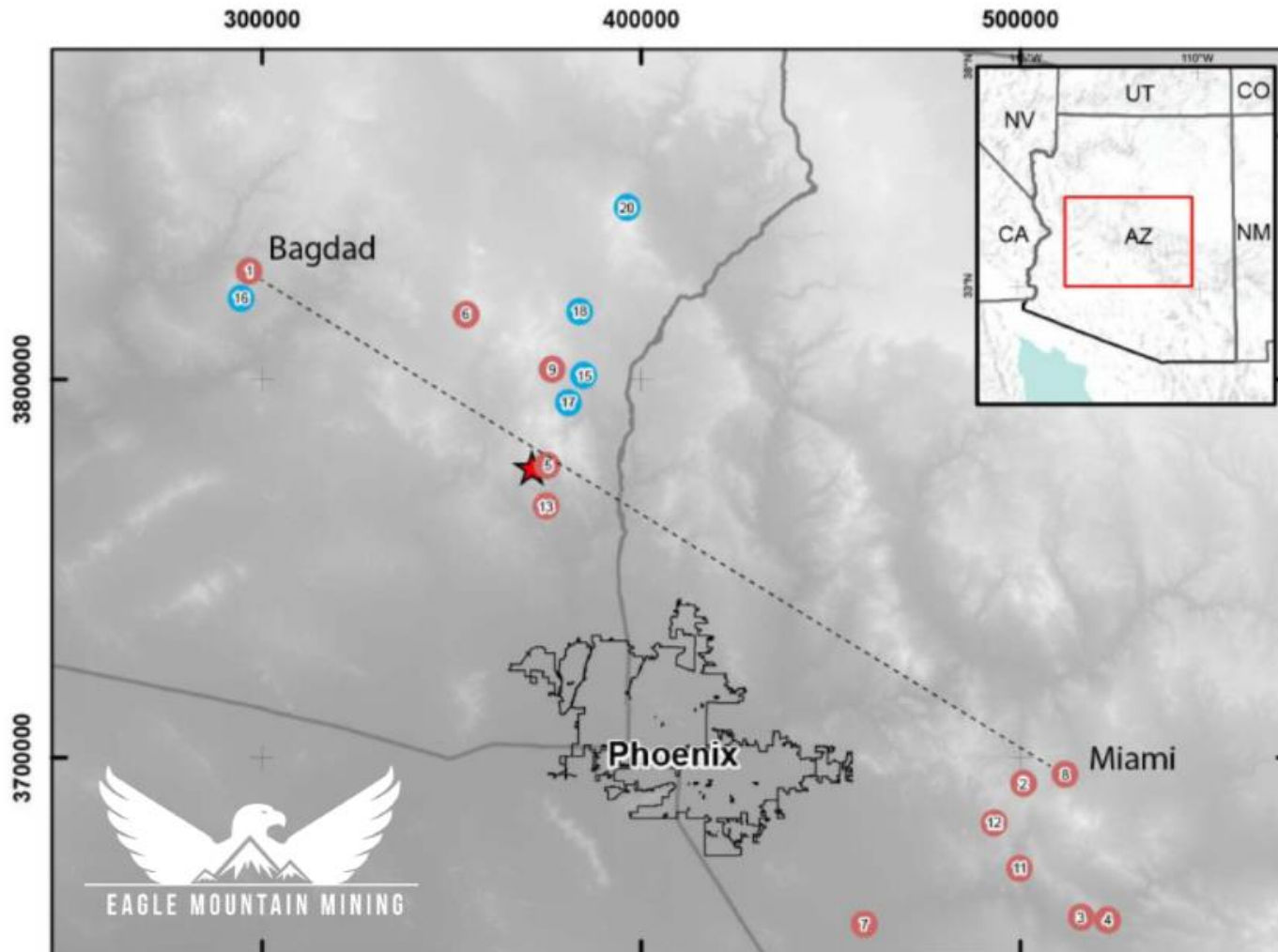
CA: California  
NV: Nevada  
AZ: Arizona  
UT: Utah  
NM: New Mexico  
CO: Colorado  
TX: Texas  
KS: Kansas







# ELEPHANT COUNTRY



## BAGDAD

- > Reserves 2015: 1.15Bt @ 0.34% Cu
- > Production 2014: 117,000t Cu

## MIAMI-GLOBE

- > Production 1915-1989:  
760Mt @ 0.69% Cu (5.2Mt Cu)

## UNITED VERDE

- > Production 1883-1975:  
38Mt @ 5% Cu



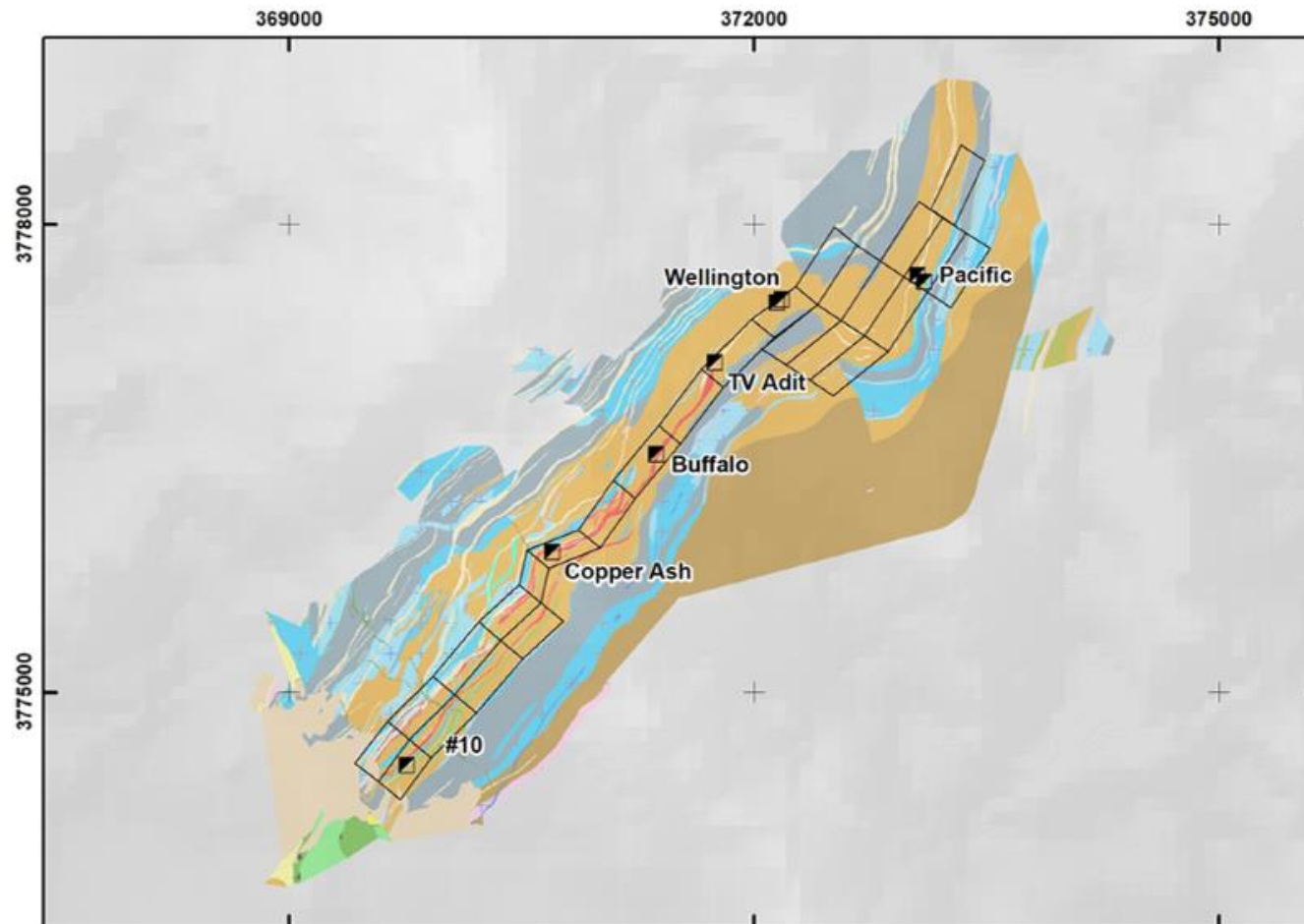
### Legend

- ★ Silver Mountain Project
- Volcanogenic Massive Sulphide
- Porphyry
- Major Towns
- US Interstate Highway

CA: California  
NV: Nevada  
AZ: Arizona  
UT: Utah  
NM: New Mexico  
CO: Colorado



# OLD MINING CAMP



- > 6km long gossanous horizon
- > Multiple historical mines (1900's)







# HISTORICAL MINING: HIGH-GRADE CU & AU



Early day ore shipments from the Pacific Mine averaged over a reported 10% copper, silver averages were over one ounce to each percent of copper contained in the ore, gold values varied from 0.02 to 0.5 ounces per ton.

The old Pacific Mine workings consist of a two-compartment vertical shaft, 500+ ft deep, with over 1500 ft of development work consisting of lateral drifting from the shaft on five levels. Major workings are all trending along the strike to the northeast.

Price, 1976

Refer prospectus released Jan 2018  
(Appendix 1)





# PROGRESSING THE PROJECT



- > First time ownership consolidated along entire strike; 100% ownership with no NSR
- > Geophysics (Mag, VTEM, IP, and Resistivity)
- > Mapping, trenching and sampling
- > Geochemistry
- > Regional study
- > Local and regional targeting



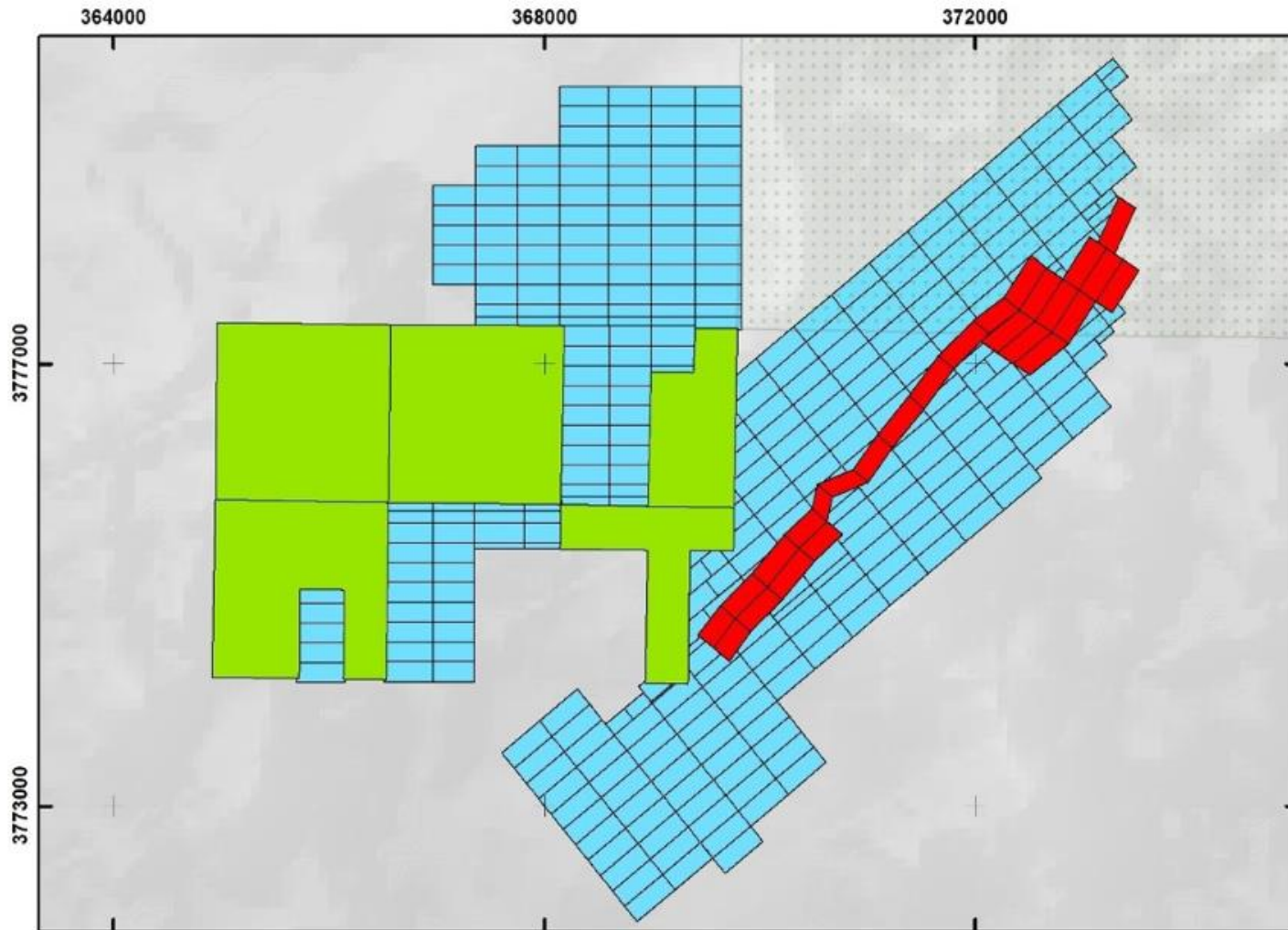
# PATENTED CLAIMS - HUGE VALUE

- > General Mining Law (1872)
- > Mineral rights and surface rights (Eagle Mountain owns the land)
- > Extralateral rights: right to follow mineralisation claim past vertical boundaries
- > No reporting, little information in government records
- > No permitting for exploration and mining (except environmental)
- > No royalties
- > Moratorium in place





# LANDHOLDING



- > 26 Patented Claims (~195ha)
- > 342 Unpatented Claims (~2450ha)
- > 5 Arizona State Permits (~970ha)

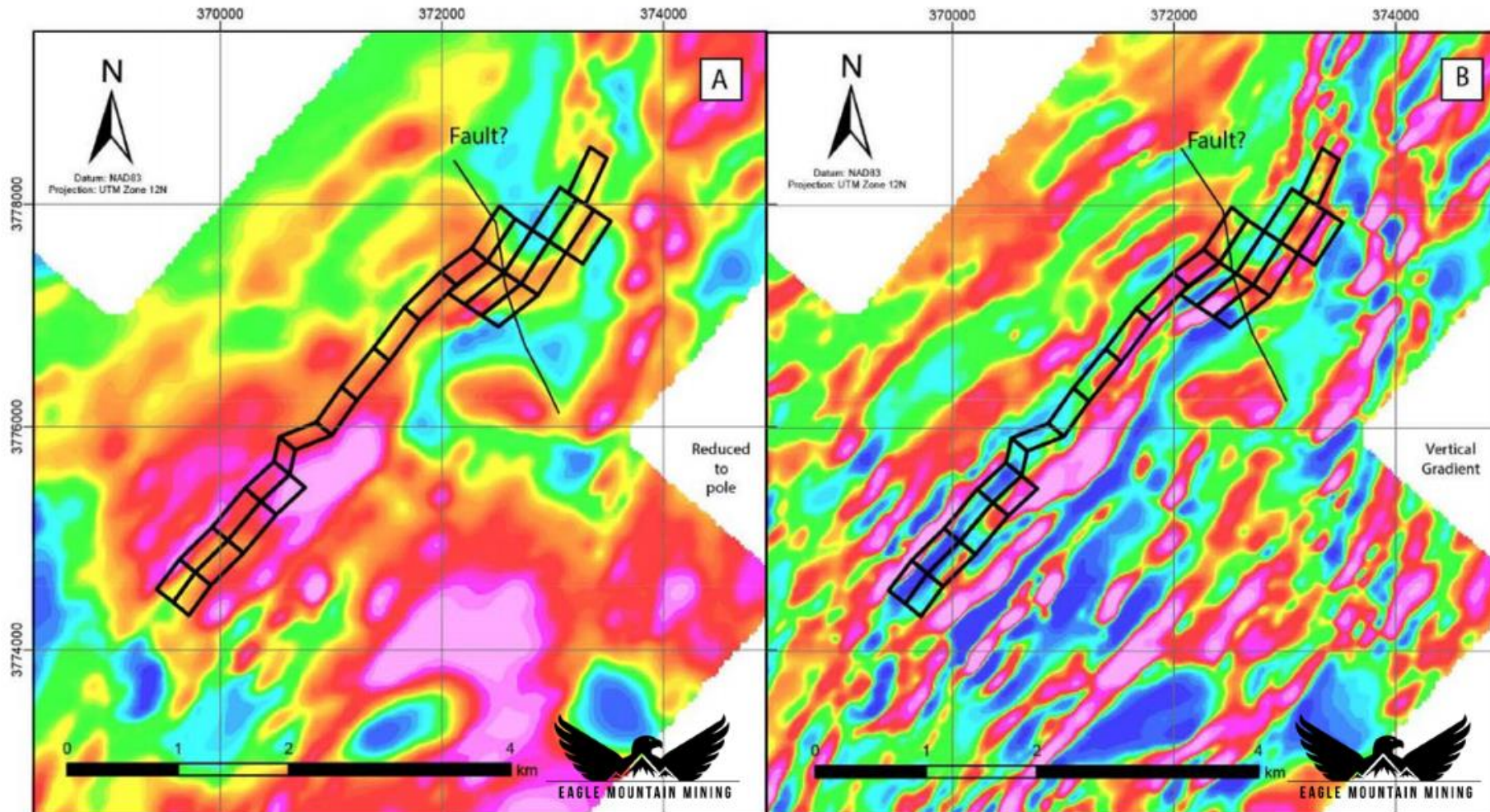


Legend	
<span style="color: red;">■</span>	Patented Claim
<span style="color: green;">■</span>	State Permit
<span style="color: lightblue;">■</span>	Unpatented Claim
<span style="background-color: #cccccc; border: 1px solid black;">■</span>	Prescott National Forest





# GEOPHYSICS MAGNETICS



- > Heli-borne
- > 100m spacing
- > 1074km line

Refer prospectus released Jan 2018  
(Appendix 1)





# HIGH-GRADE CU & AU



## PACIFIC MINE DUMP SAMPLE

> 3.54% copper

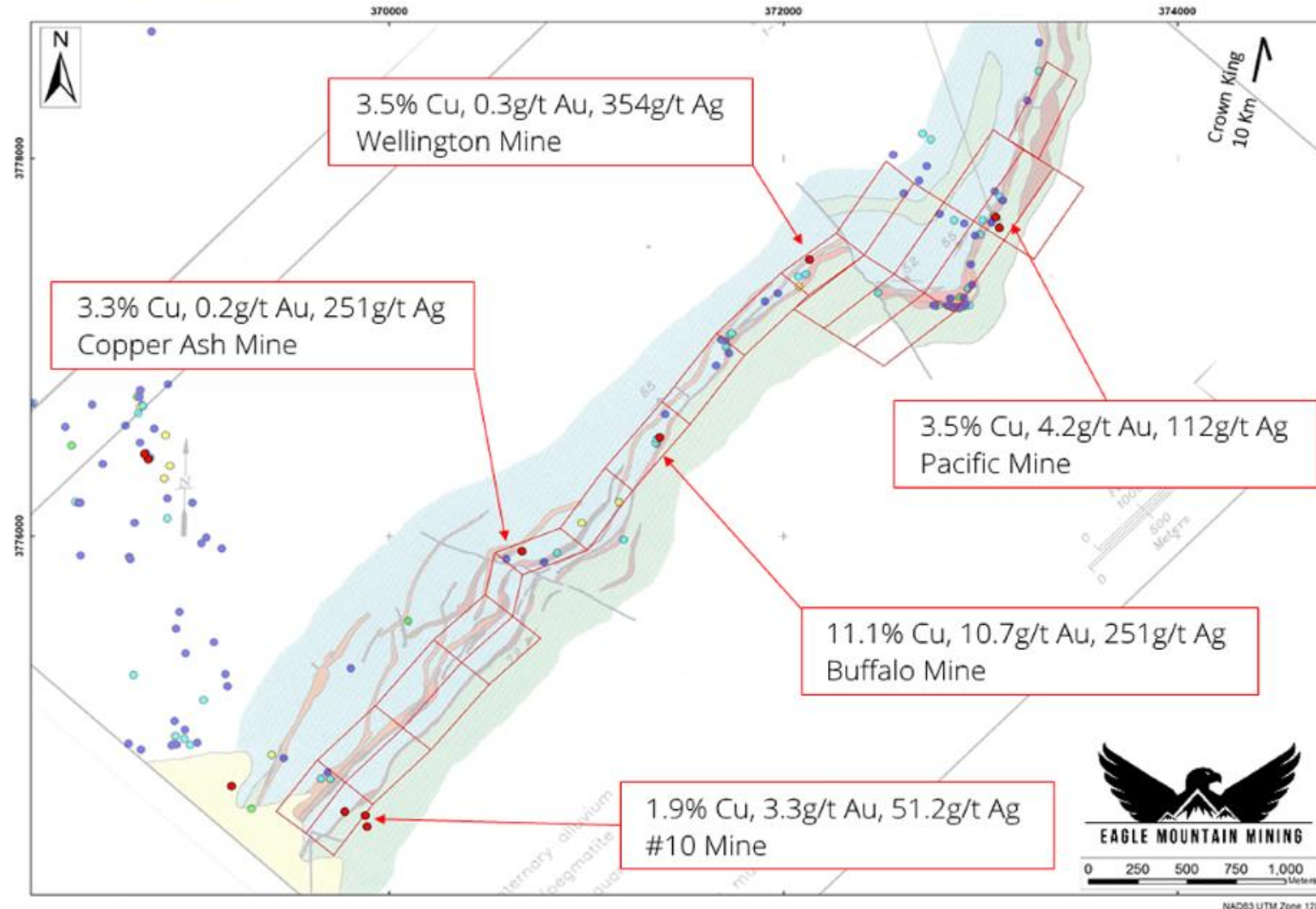
> 4.24g/t gold

> 12g/t silver

Refer prospectus released Jan 2018  
(Appendix 1)



# ASSAYS

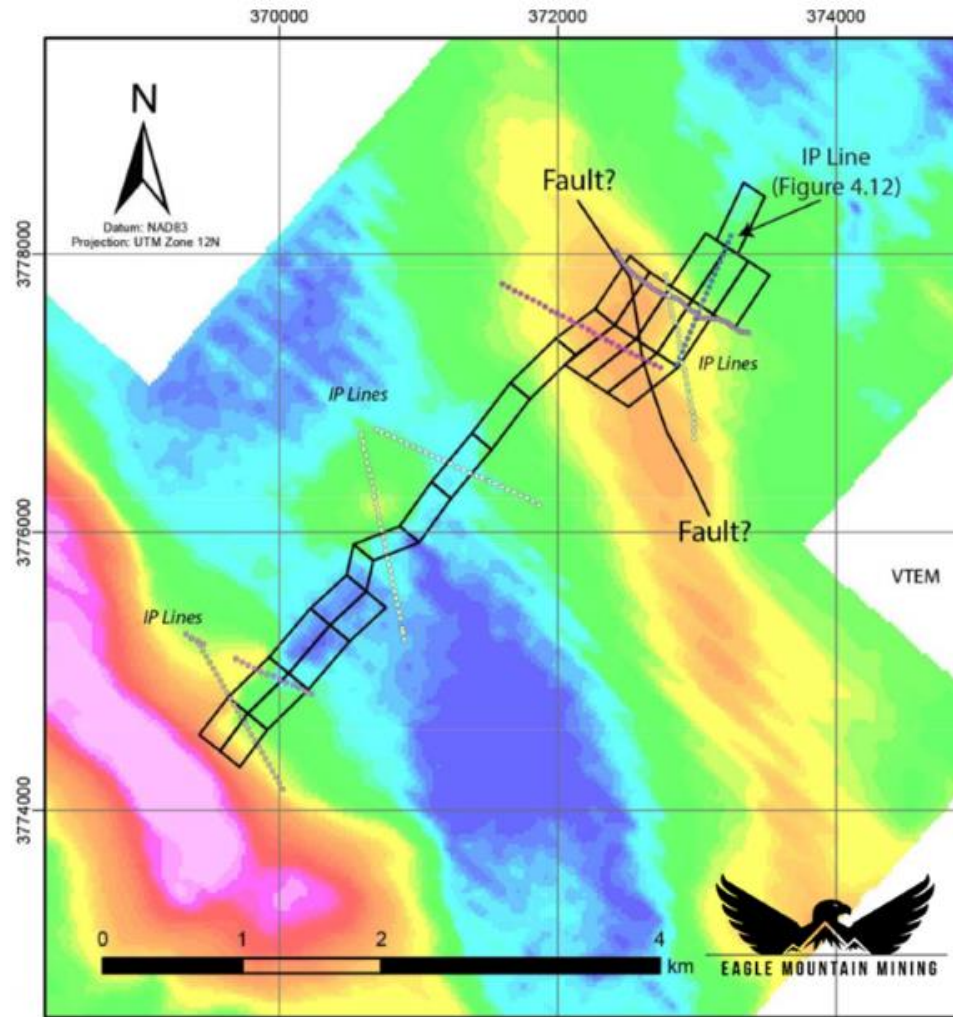


Refer prospectus released Jan 2018  
(Appendix 1)





# GEOPHYSICS VTEM/IP



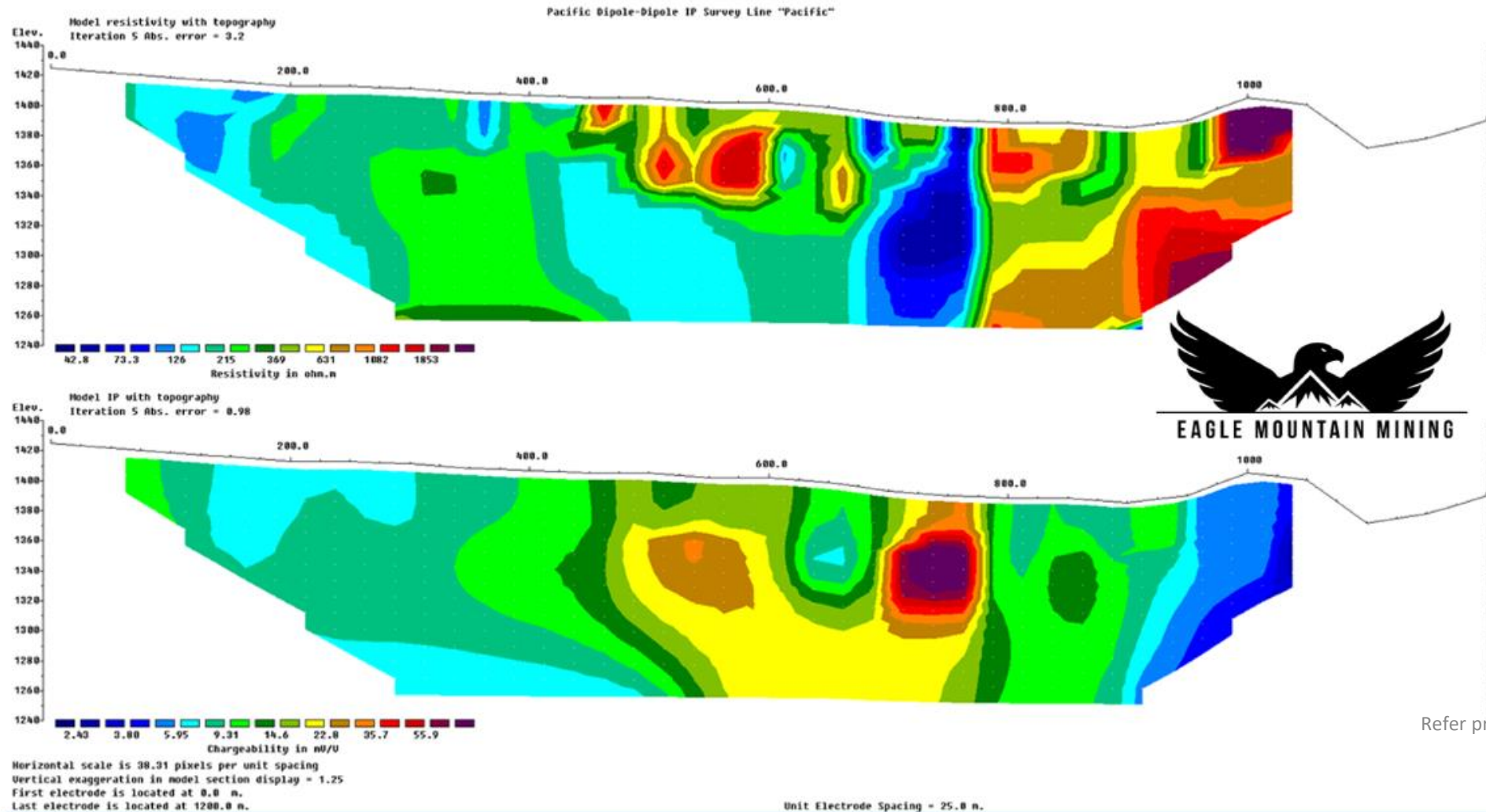
- > Horizon
- > Workings
- > Surface

Refer prospectus released Jan 2018  
(Appendix 1)





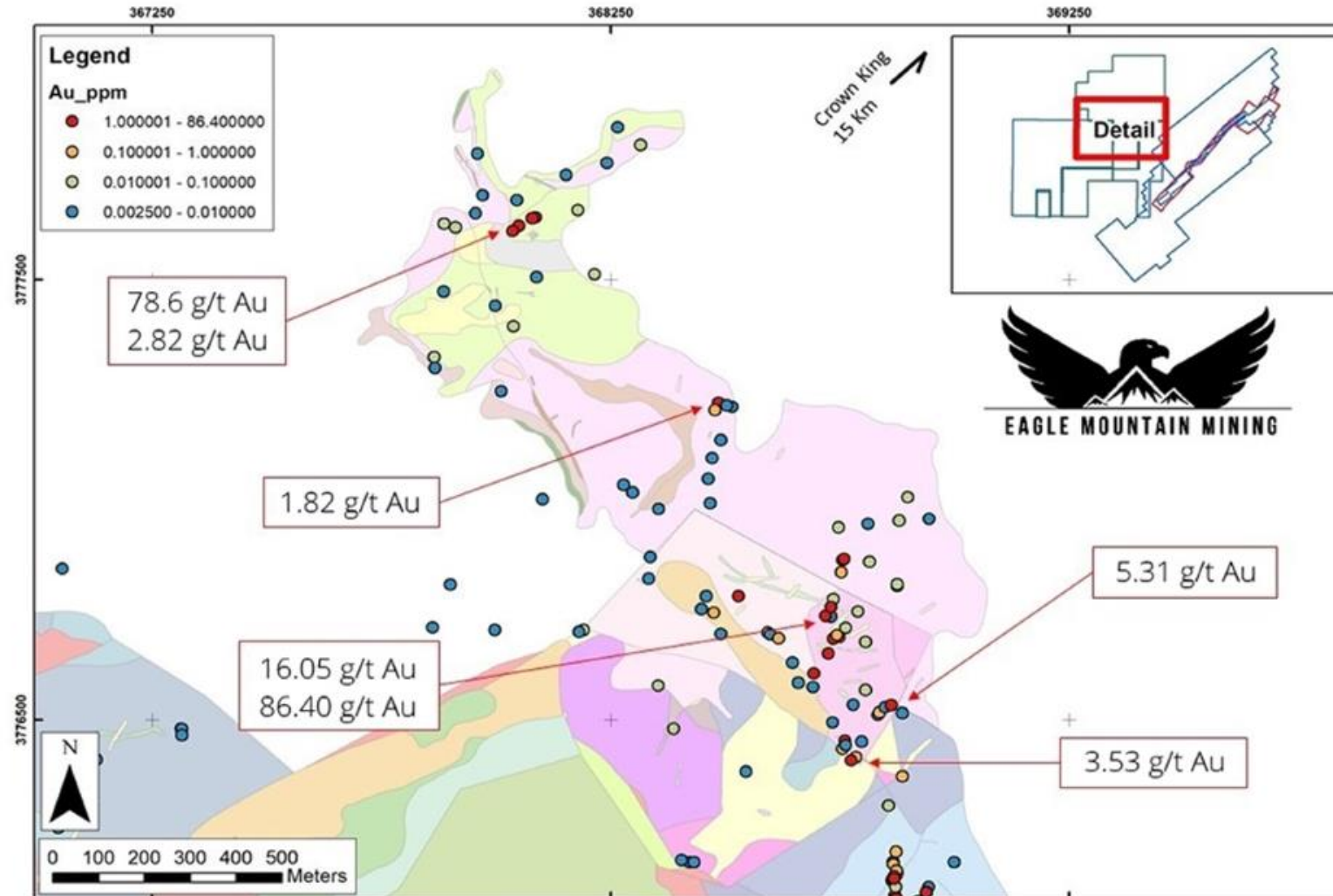
# GEOPHYSICS - IP PACIFIC LINE



Refer prospectus released Jan 2018  
(Appendix 1)



# SW: HIGH-GRADE GOLD VEINS



Refer prospectus released Jan 2018  
(Appendix 1)





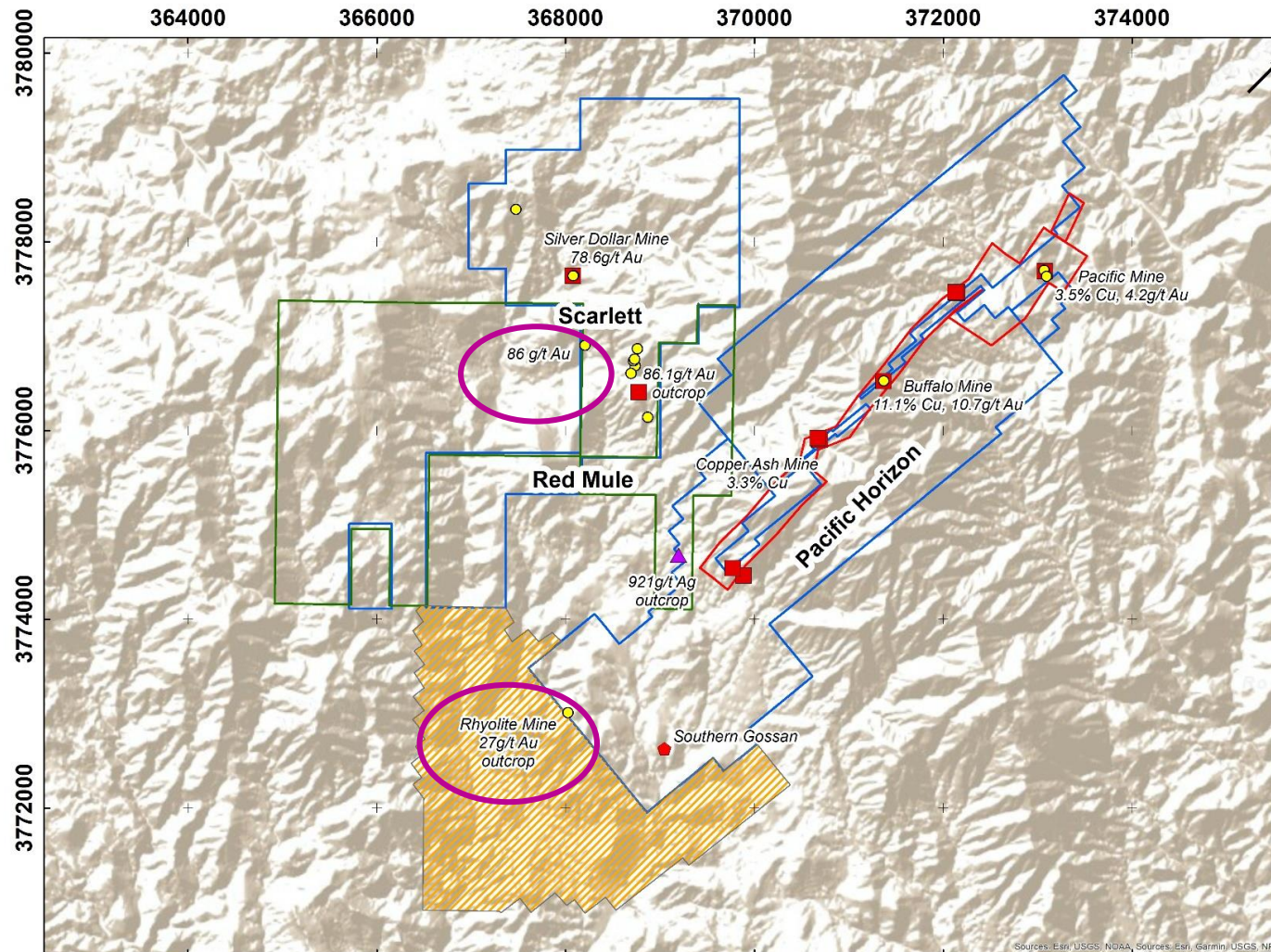
# SW: HIGH-GRADE GOLD VEINS







# NEW RESULTS



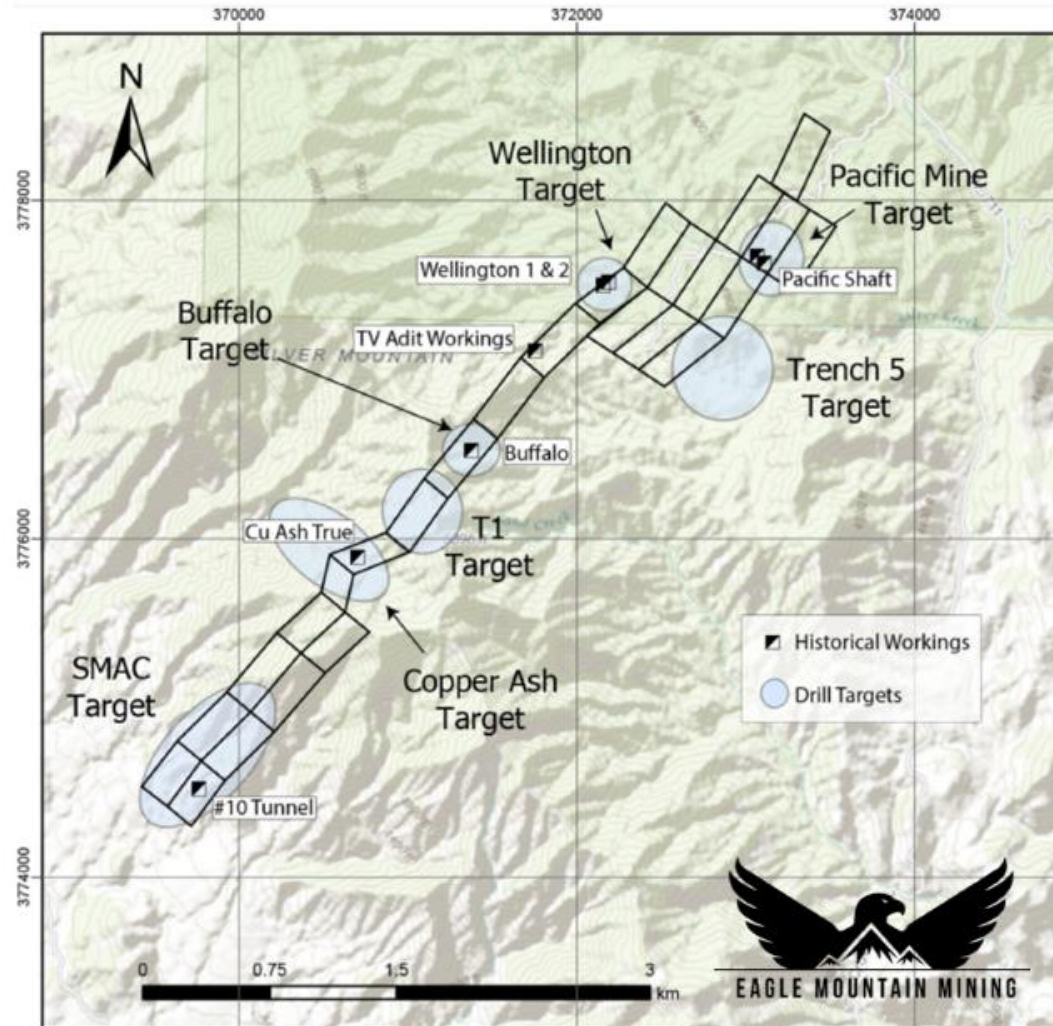
Unless otherwise stated, samples shown on the map were collected from historical mining dumps

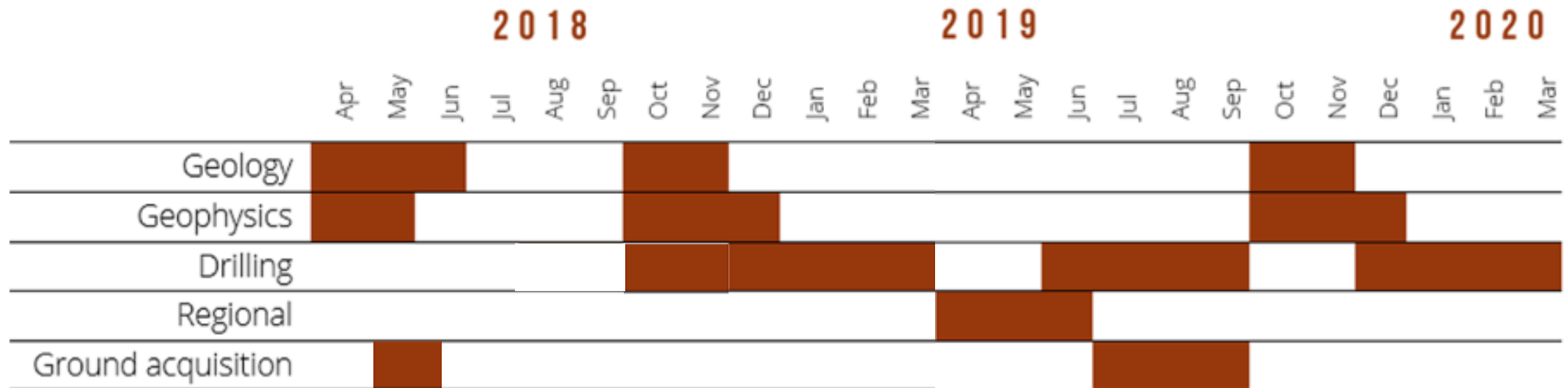
Refer prospectus released Jan 2018  
and Appendix 1





# DRILL READY TARGETS







# SUMMARY

## WHY

- > Arizona: Elephant Country and mining friendly
- > Patented claims with high-grade historical mines
- > First time consolidated ownership
- > No modern exploration

## WHAT

- > Exploration work confirms potential for VMS, breccia-hosted CU-AU and Porphyry Cu
- > Targets: drill-ready and local to regional opportunities

## HOW

- > Aggressive exploration program 2018-2019
- > Experienced and successful corporate team

[WWW.EAGLEMOUNTAIN.COM.AU](http://WWW.EAGLEMOUNTAIN.COM.AU)



# APPENDIX

## APPENDIX 1 - COMPETENT PERSON STATEMENTS

### Current Field Work

Information in this presentation relating to Exploration Results is based on information compiled under the supervision of Mr Charles Bass who is an employee of the company. Mr Bass is a Fellow of the Australasian Institute of Mining and Metallurgy and a Fellow of the Australian Institute of Geoscientist. He holds shares and options in the Company. Mr Bass has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Bass consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Where the Company references new exploration results in this presentation it refers to the ASX release dated earlier today (16 May 2018) and to the Table 1 disclosures made with that release. The Company confirms that it is not aware of any new information or data that materially affects the information included in that announcement.

### References to Historic Production and Exploration Results

Information on historical production and results outlined in this announcement together with JORC Table 1 information, is contained in the Independent Geologists Report within Eagle Mountain's Prospectus dated 23 January 2018. The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports, and that the form and context in which the Competent Persons findings are presented have not been materially modified from the original reports.





# References

1. FCX Form 10k 2015  
Bagdad Mill Reserves only: Proven: 997Mt @ 0.34% Cu, 0.02% Mo and 1.45g/t Ag; Probable: 152Mt @ 0.32% Cu, 0.02% Mo and 1.36g/t Ag
2. Titley S.R., Anthony E.Y. 1989 Laramide Mineral Deposits in Arizona Geologic Evolution of Arizona: Tucson, Arizona Geological Society Digest 17, p. 485-514
3. Gustin M. S. 1990;  
Stratigraphy and Alteration of the Host Rocks, United Verde Massive Sulfide Deposit, Jerome, Arizona; Economic Geology Vol.85, 1990, pp. 29-49
4. Price M.E. 1976  
Prefeasibility Study on the KOOZ, Inc. mining claims in the Tiger Mining District, Yavapai County, AZ



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