

# Azure Minerals Ltd Copper in Mexico — an Exciting Growth Story

**Australian Copper Conference – 16 June 2015** 



## **Corporate Overview**

Key Statistics	
ASX Code	AZS
Share Price	\$0.015
Shares	995,020,107
Options	25M @ 5.8c 26M @ 4.5c
Market Capitalisation	\$15M
Cash	\$1.5M

Board & Management	
Chairman	Peter Ingram
Managing Director	Tony Rovira
Non-Executive Director	Wolf Martinick
Chief Financial Officer	Brett Dickson
VP Exploration Mexico	Brent Hendrickson

#### **Share Price Chart** Volume ('000) 12 Month Share Price Performance and Volume Price (\$) 0.04 20,000 15,000 0.03 MM-MM, 0.02 10,000 0.01 5,000 Aug-14 Feb-15 Apr-15 Jun-14 Oct-14 Dec-14 Jun-15

Shareholders	
Drake Private Investments	10.5%
Yandal Investments	2.9%
Directors	1.7%
Top 20 Shareholders	25.1%

#### Azure Minerals Ltd

## **Objective**

To be a low cost, high margin copper producer

#### **Strategy**

Develop our high quality mineral assets in partnership with major resource companies

## **Why Mexico?**

A mineral-rich, low cost, mining friendly country



## Mexico's Competitive Advantages

#### One of the world's best mining destinations

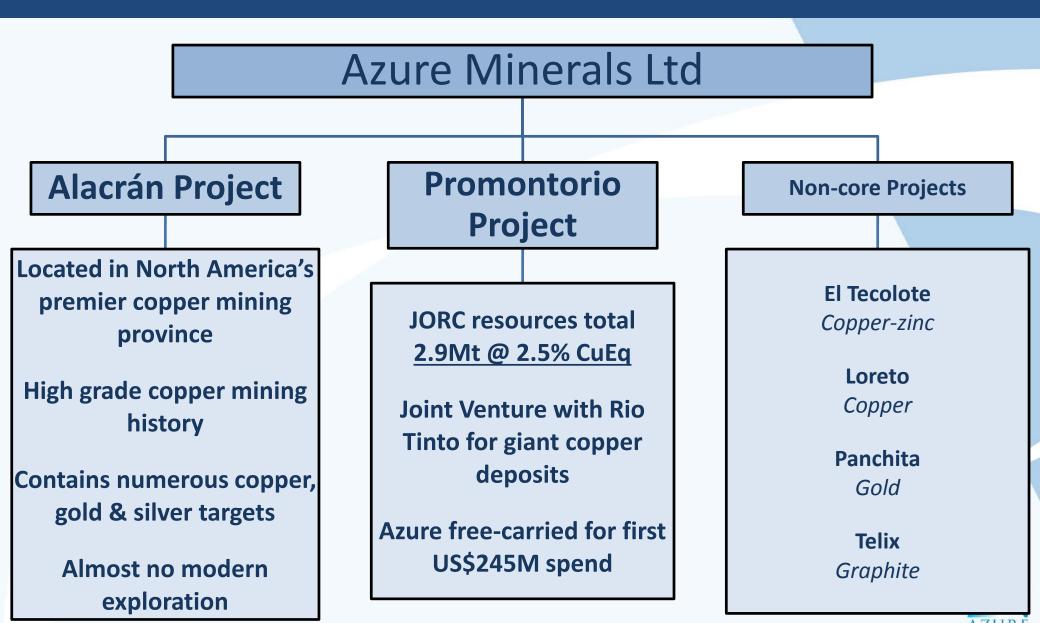
- Mineral-rich: >500 years mining history
- Low cost, mining friendly country
- Favourable Mining Act with pro-mining government
- Multiple opportunities for acquisitions of high quality projects

#### **Experience and Reputation of Management**

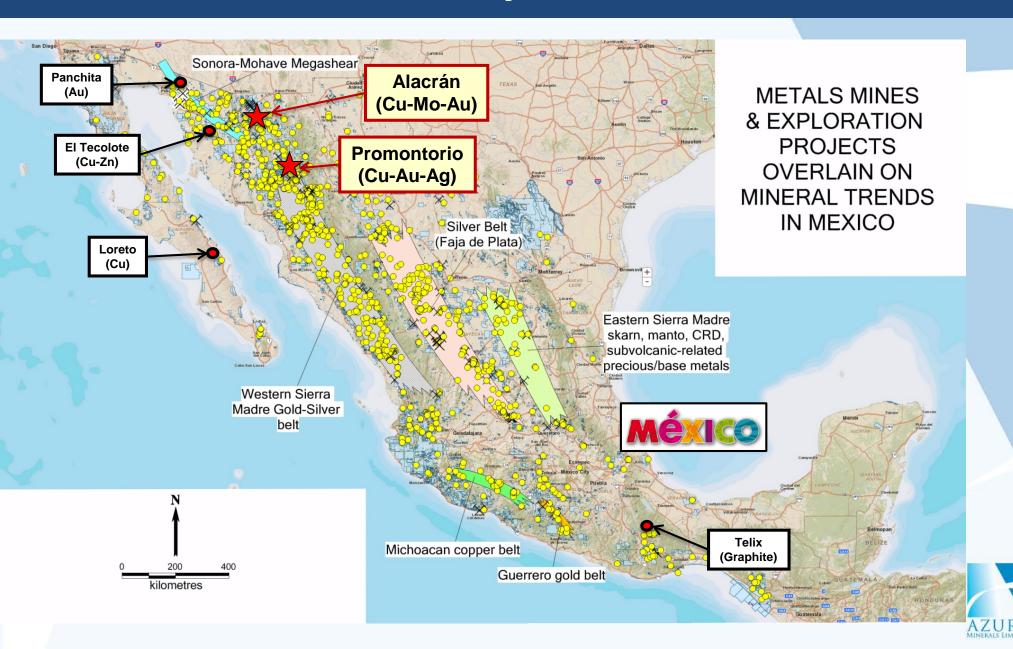
- Extensive experience operating in-country
- Positive reputation and strong relationships with Mexican Government
   & local communities



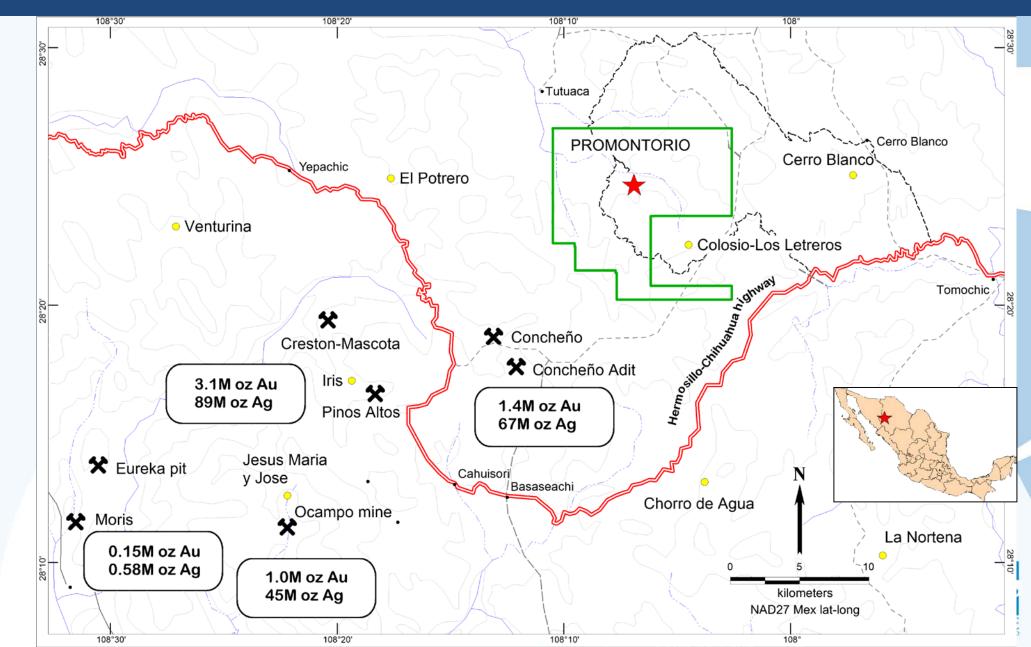
#### Our Assets in Mexico



## **Projects**



## Promontorio Project - 105km<sup>2</sup>



## Giant Copper Deposit Potential

#### **Promontorio & Cascada Deposits:**

- Total JORC resources:
  - = 2.9Mt @ 2.5% CuEq (1.4% Cu, 1.6g/t Au & 35g/t Ag)\*
  - = ~40,000t Copper, 150,000oz Gold & 3.25Moz Silver

Porphyry copper potential has attracted the interest of majors

Landmark Earn-In and Joint Venture Agreement with Rio Tinto



#### Rio Tinto Joint Venture – a landmark deal

Rio Tinto targeting giant porphyry copper deposits

Exploration sole-funded by Rio Tinto: US\$2M exploration in 2015

Azure is project manager, receives 10% management fee

Rio Tinto can earn 80% project interest by spending US\$45M

Azure free-carried for first US\$245M expenditure (at 80% / 20%)



Promontorio Activity Update – 2015

**ACTIVITY** 

Airborne LiDAR survey, aerial photography & DTM

Aeromagnetic, radiometric and electromagnetic survey

**Regional mapping & sampling** 

**Environmental approvals for drilling** 

**Ground IP survey** 

**Diamond drilling** 

**TIMING** 

3<sup>rd</sup> Quarter 2015

**Submitted** 

4<sup>th</sup> Quarter 2015



## Alacrán - 54km² in excellent location

#### In the middle of the Laramide Copper Belt

- North America's largest copper producing district
- +75 million tonnes of copper produced (1870's 2011)
- +295 million tonnes of total copper endowment (to 2011)

#### Alacrán is 12km from the giant Cananea Copper Mine

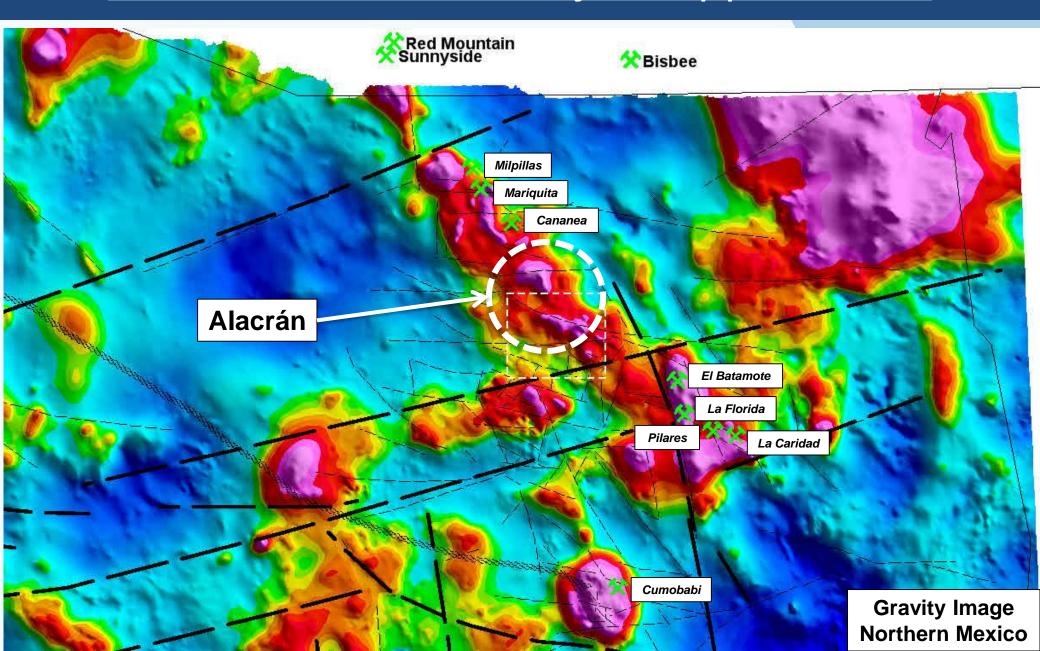
Ore Reserves = 8 billion tonnes @ 0.33% Cu (>26Mt copper)

#### Alacrán Deposit Model

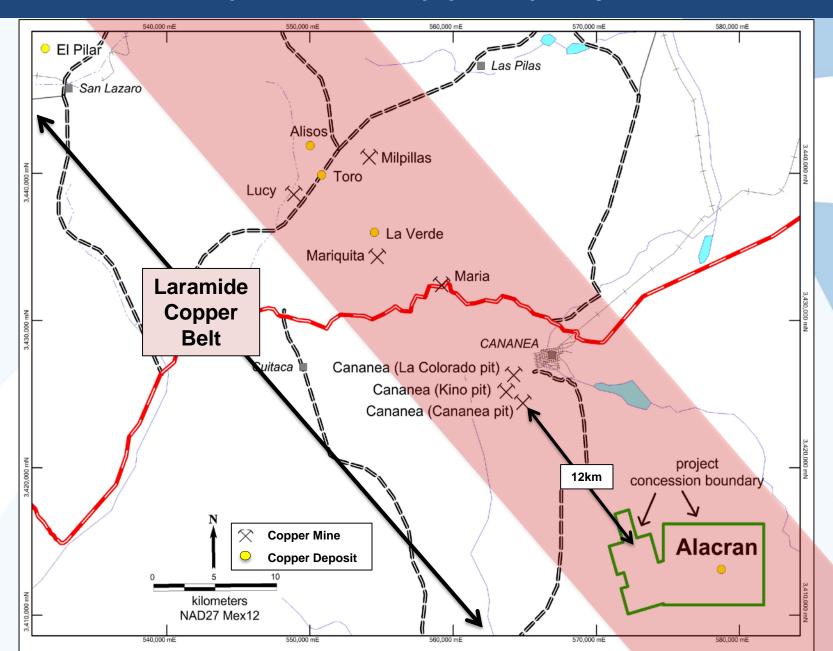
La Colorada (Cananea): 7Mt @ 7.5% Cu (massive sulphides)



## Middle of Mexico's Major Copper Mines



## "Best under-explored copper project in Mexico"





#### Past, Present & Future

#### **HISTORY:**

- High grade copper mined with concentrates exported to the USA
- Production ceased in 1913 due to the Mexican Revolution
- Importantly Almost no modern exploration !!!

#### **ACQUISITION TERMS:**

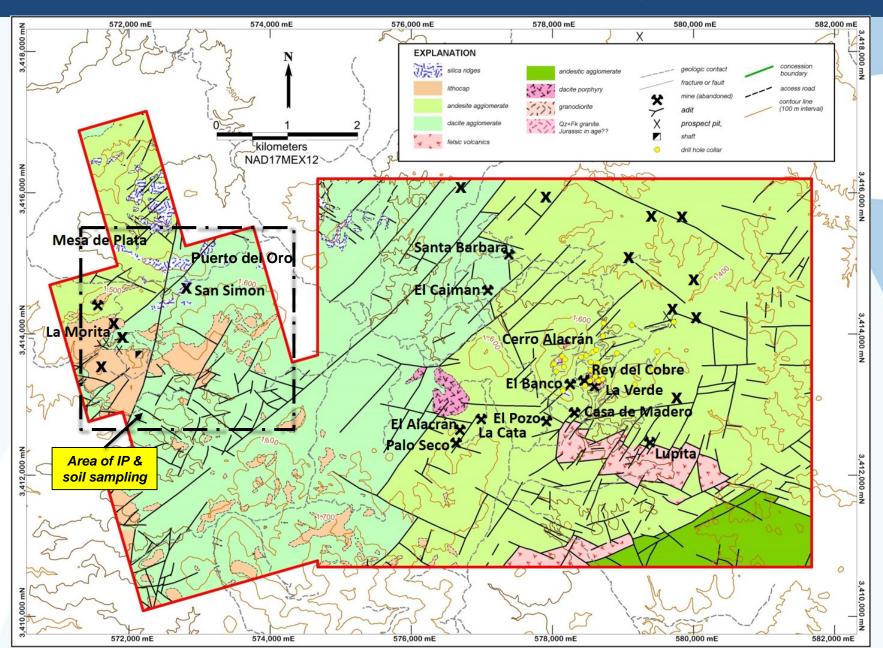
- Azure can acquire 100% of Alacrán from Teck Resources by spending US\$5M over 4 years
- Teck has a one-off right to buy back up to 65% for US\$15M

#### **POTENTIAL:**

- 1. High grade polymetallic sulphide deposits (eg: La Colorada)
- 2. Mid-grade porphyry-style sulphide copper deposits (eg: Cananea)
- 3. Low grade supergene, leachable chalcocite copper deposits

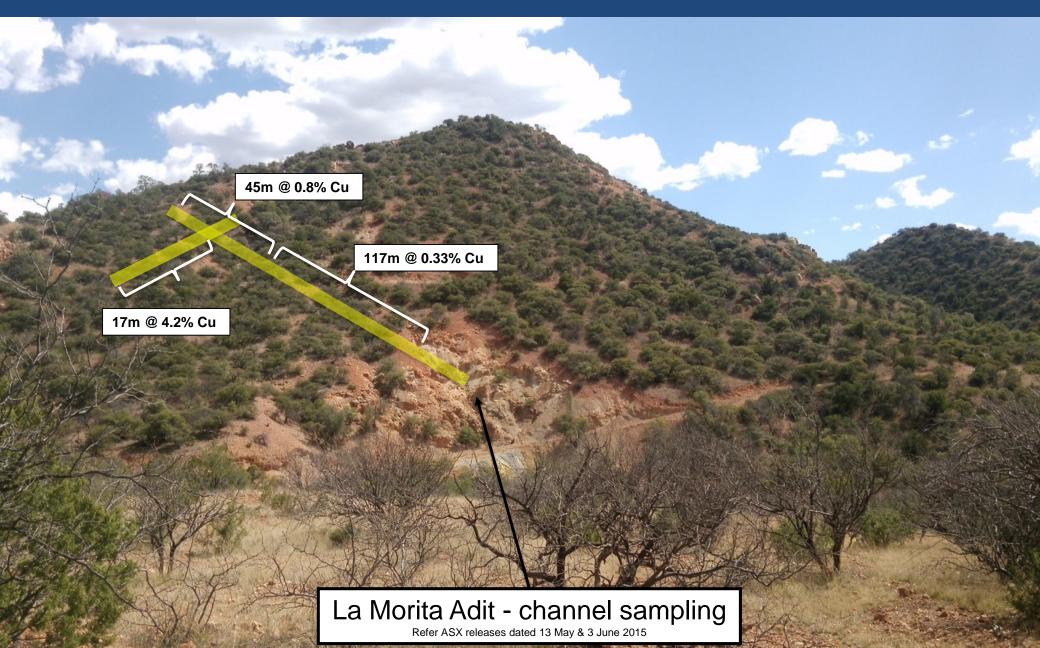


## Many Untested Targets





## La Morita – high grade copper



## Cerro Alacrán: a drill-defined copper deposit





<u> Alacrán Activity Update – Ye</u>	<u>ear 1</u>
ACTIVITY	TIMING

**On-going** 

**Submitted** 

**Aerial photography & DTM** 

IP survey – La Morita / San Simon

Mapping & reconnaissance sampling

**Environmental approvals for drilling** 

Soil sampling survey – La Morita / San Simon

**Aeromagnetics** 

**Drilling** 

Alacrán Activity	<u> Update –</u>	Year 1

## **Anticipated News Flow**

Quarter	Promontorio	Alacrán
June 2015	Magnetic, radiometric & EM survey  Mapping & sampling	Soil sampling IP survey Mapping & sampling
September 2015	IP survey	Drilling
December 2015	Drilling	Drilling



#### Azure in 2015

#### **Promontorio:**

- Fully-funded exploration underway
- Rio Tinto spending US\$2M in accelerated program

#### Alacrán:

- First modern systematic exploration
- Preliminary results show high grades of copper & silver
- Excellent potential for copper, gold & silver discoveries with first stage of exploration





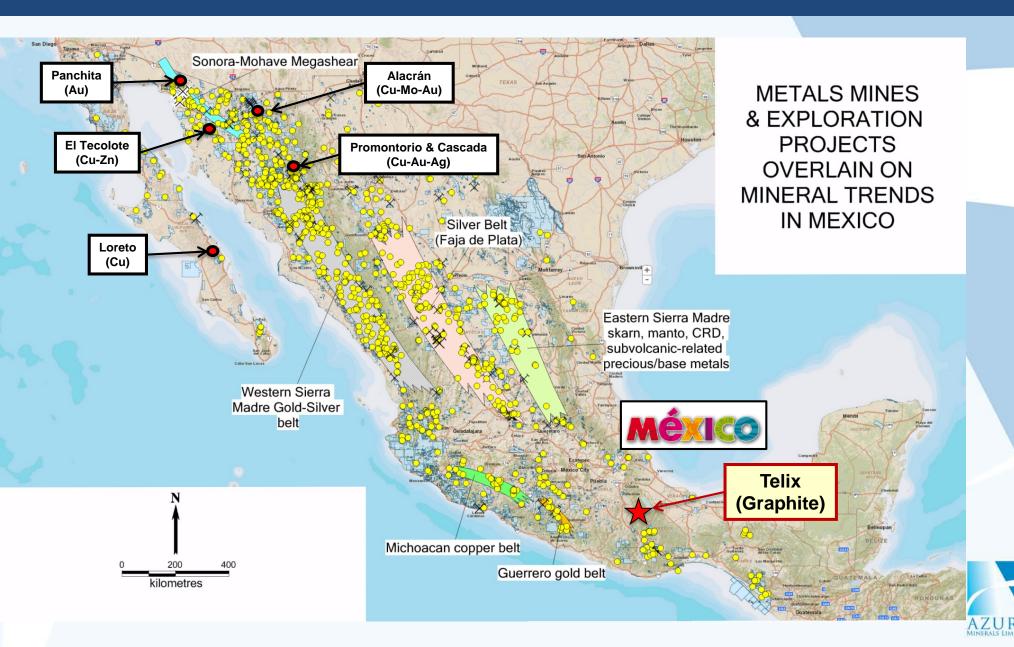
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## Appendix – Further Information



## Telix Graphite Project

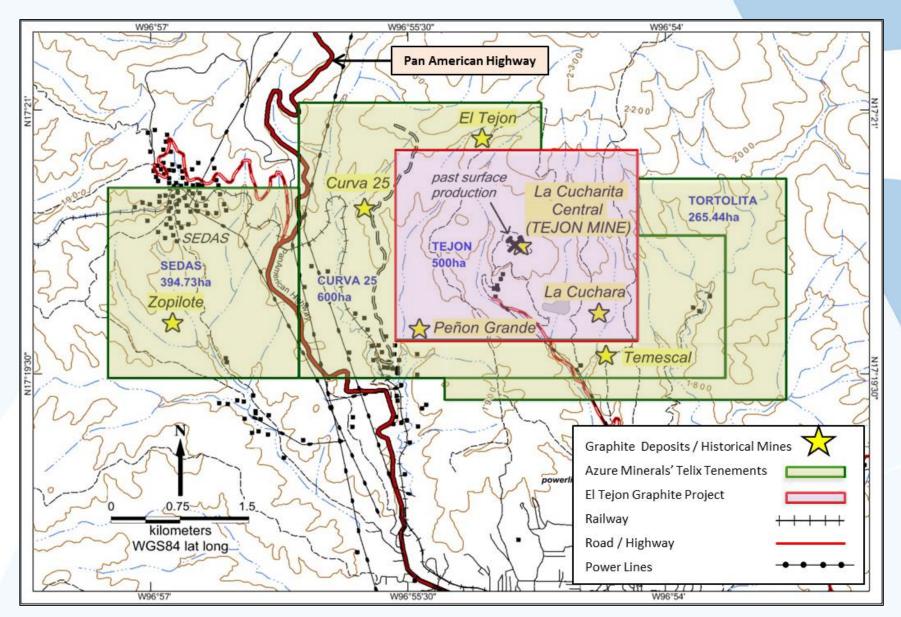


## Telix – a strategic play

- Three large 100%-owned mineral concessions in proven graphite mining district
- Contains several historical graphite mines
- Excellent potential for commercial quantities of high quality flake graphite



#### **Excellent Location & Infrastructure**





## Telix - a growth opportunity?

- Low entry cost & low holding costs
- Strategically important landholding
- Surrounds the El Tejon Graphite Mine and Mill Mexico's only bulk tonnage, commercial producer of flake graphite
- El Tejon is being re-commissioned for production by
   Canadian company Big North Graphite seeking mill feed

**SYNERGIES** ???

Evaluate co-development potential with El Tejon



## Promontorio Project Resources

Promontorio R	Grade				Contained Metal				
Classification	Tonnage	Cu	Au	Ag	CuEq	Cu	Au	Ag	CuEq
Classification	(tonnes)	(%)	(g/t)	(g/t)	(%)	(tonnes)	(oz)	(oz)	(tonnes)
Indicated	610,000	2.7	1.7	56	4.4	16,700	32,500	1,090,000	26,500
Inferred	230,000	1.8	1.5	56	3.3	4,100	11,300	410,000	7,700
Total	840,000	2.5	1.6	56	4.1	20,800	43,800	1,500,000	34,200

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Cascada Res	source <sup>(2)</sup>		Gra	ade					
Classification	Tonnage (tonnes)	Cu (%)	Au (g/t)	Ag (g/t)	CuEq (%)	Cu (tonnes)	Au (oz)	Ag (oz)	CuEq (tonnes)
Indicated	840,000	1.1	1.4	27	1.9	9,200	36,700	740,000	16,300
Inferred	1,230,000	0.8	1.8	26	1.8	9,500	70,500	1,020,000	22,300
Total	2,060,000	0.9	1.6	27	1.9	18,800	107,200	1,760,000	38,600



<sup>(2)</sup> See ASX release dated 7 May 2015 (Cascada)



#### Promontorio Total Resources

Total Reso		Grade				Contained Metal			
Deposit	Tonnage (tonnes)	Cu (%)	Au (g/t)	Ag (g/t)	CuEq (%)	Cu (tonnes)	Au (oz)	Ag (oz)	CuEq (tonnes)
Promontorio	840,000	2.5	1.6	56	4.1	20,800	43,800	1,500,000	34,200
Cascada	2,060,000	0.9	1.6	27	1.9	18,800	107,200	1,760,000	38,600
Total	2,900,000	1.4	1.6	35	2.5	39,600	151,000	3,260,000	72,800

#### Metallurgical Test Results (2)

	Co	pper	Go	old	Silver		
Concentrate	Grade (%)	Recovery (%)	Grade (ppm)	•		Recovery (%)	
Promontorio	39.5	94	9.6	54	773	88	
Cascada	37.7	93	15.2	75	470	83	



## Metal Equivalency Statements

#### <u>Copper Equivalency Statement – Promontorio:</u>

Copper Equivalent (CuEq) was based on the following assumed metal prices that were guided by the three year averages at the data cut-off date 2 April 2013: US\$3.25/lb for Cu, US\$1,450/oz for Au and US\$27.50/oz for Ag.

The CuEq grade accounts for the following metal recoveries: 97.9% for Cu, 93.4% for Au, and 97.0% for Ag.

It is Azure's belief that all elements included in the metal equivalent calculation have a reasonable potential to be recovered.

The following formula was used to calculate the Copper Equivalent grade:  $CuEq(\%) = (Cu\% \times 0.979) + (Au(g/t) \times 0.6077) + (Ag(g/t) \times 0.0120)$ .

#### <u> Copper Equivalency Statement – Cascada:</u>

Copper Equivalent (CuEq) was based on the following assumed metal prices that were guided by the three year averages at the data cut-off date of 30 October 2014: US\$3.40/lb for Cu, US\$1,470/oz for Au and US\$25.00/oz for Ag.

The CuEq grade accounts for the following metal recoveries: 95.0% for Cu, 75.0% for Au, and 85.0% for Ag.

It is Azure's belief that all elements included in the metal equivalent calculation have a reasonable potential to be recovered.

The following formula was used to calculate the Copper Equivalent grade:  $CuEq(\%) = (Cu\% \times 0.95) + (Au(g/t) \times 0.4729) + (Ag(g/t) \times 0.0091)$ 

#### Gold Equivalency Statement - San Simon:

Gold Equivalent (AuEq) was based on the following assumed metal prices that were guided by the three year averages at the data cut-off date of 8 May 2015: US\$1,190.30/oz for Au and US\$16.42/oz for Ag.

The following formula was used to calculate the Copper Equivalent grade: AuEq(%) = (Au(ppm) + (Ag(ppm)/70))

Based upon other gold/silver mining operations in the district, it is Azure's belief that all elements included in the metal equivalent calculation have a reasonable potential to be recovered.



#### Competent Persons Statements

#### **Competent Person Statements:**

The information in this report that relates to the Mineral Resource for the Promontorio deposit was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

Information in this report that relates to previously reported Exploration Results and the Cascada Mineral Resource has been crossed-referenced in this report to the date that it was reported to ASX. Azure Minerals Limited confirms that it is not aware of any new information or data that materially affects information included in the relevant market announcement, and that all material assumptions and technical parameters underpinning the results and estimates in the relevant market announcements continue to apply and have not materially changed.

