

# Corporate Update

Unlocking high grades – Colombia

Drilling in a world class district – NT Australia

June 2015

ASX:PMY

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## Competent Person Statements:

The information in this announcement that relates to the Berrio Project, Urrao Project and Natagaima tenement application is based on information compiled by Mr David Seers, who is a Member of the Australian Institute of Mining and Metallurgy. Mr Seers is contracted exclusively to Pacifico Minerals Limited. Mr Seers has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Seers consents to the inclusion in this presentation of the matters based on information in the form and context in which it appears.

The information in this announcement that relates to the Borrooloola West Project is based on information compiled by Mr David Pascoe, who is a Member of the Australian Institute of Geoscientists. Mr Pascoe is contracted exclusively to Pacifico Minerals Limited. Mr Pascoe has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Pascoe consents to the inclusion in this presentation of the matters based on information in the form and context in which it appears.

- Projects in Colombia which feature highly prospective geology, well developed infrastructure and a favourable fiscal regime
- Valuable in country experience with Pacífico having been operating in Colombia since 2011
- Main focus is advancing the Berrio Gold Project situated within the Segovia gold belt, the most prolific gold belt in Colombia from which gold has been exploited for 150+ years
- Exploration at Berrio has produced outstanding results with geologists having traced a faulted and mineralised contact for 6.2km along strike with an additional 7.8km of strike projected within Pacífico's tenements
- Grab samples<sup>1</sup> at the faulted contact at Berrio have generated significant assays including:
  - 240.11 g/t Au, 1,178 g/t Ag and 2.02% Zn (M06120)
  - 46.88 g/t Au, 166 g/t Ag and 1.12% Zn (M06121)
- Pipeline of quality projects in Colombia with >66,000ha under application including the Natagaima prospect highly prospective for precious and base metals
- Exciting drilling program underway in NT, Australia at Coppermine Creek (Cu) and Bing Bong (Cu-Au)
- Management team with proven track record of identifying, funding and developing projects
- Well funded with \$3.1m cash (31 March 2015).

<sup>1</sup> See ASX announcement 18 February 2015. Selective grab samples may not be representative.

## Capital structure

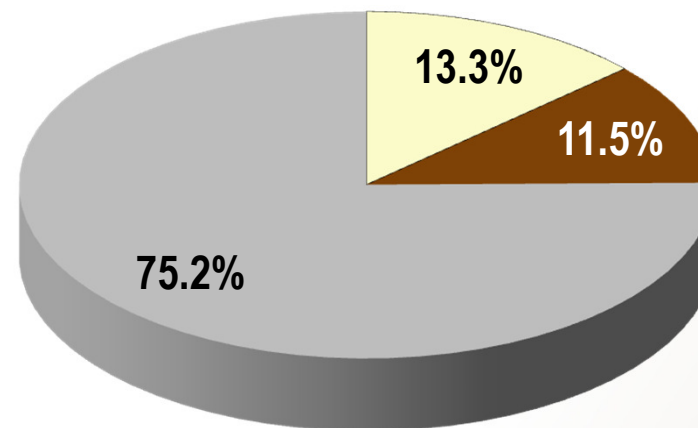
**As at 26 June 2015**

Share Price	\$	0.015
No. of Shares Outstanding	m	543
Options on Issue	m	91*
<b>Market Cap. (undiluted)</b>	<b>\$m</b>	<b>8.1</b>
Cash**	\$m	3.1
Debt**	\$m	0.0
<b>Enterprise Value</b>	<b>\$m</b>	<b>5.0</b>

\*Options consist of 58.5M 3c strike, 5.2M 3.5c strike and 27.7M 6c strike (majority held by management)

\*\*As at 31 March 2015

## Shareholder breakdown – Top 20 owns 43%



□ Institutions/Funds    ■ Directors/Management    ■ Other

## Share price performance





# Experienced Board and Management



**Richard Monti**

*(Non Executive Chairman)*

- Corporate geologist with 25+ years in technical, commercial, marketing and financial fields of the international exploration and mining industry
- Previous director of Azimuth Resources Ltd which was subsequently acquired by Troy Resources Ltd



**Simon Noon**

*(Managing Director)*

- Experienced executive and founding managing director of West Rock Resources, acquired by Pacifico Minerals in 2013
- Instrumental in West Rock's Colombian strategy and securing the existing projects
- Previous executive director of Groote Resources Ltd



**Peter Harold**

*(Non Executive Director)*

- Process engineer with over 22 years corporate experience in the minerals industry
- Founder and Managing Director of nickel producer Panoramic Resources Ltd which is currently producing 20kt Ni per annum and developing two gold and two PGM projects



**Andrew Parker**

*(Non Executive Director)*

- Holds a law degree and highly experienced in the exploration and mining industry
- Co-founder and until 2008 managing director of Perth based corporate advisory and venture capital firm, Trident Capital Pty Ltd



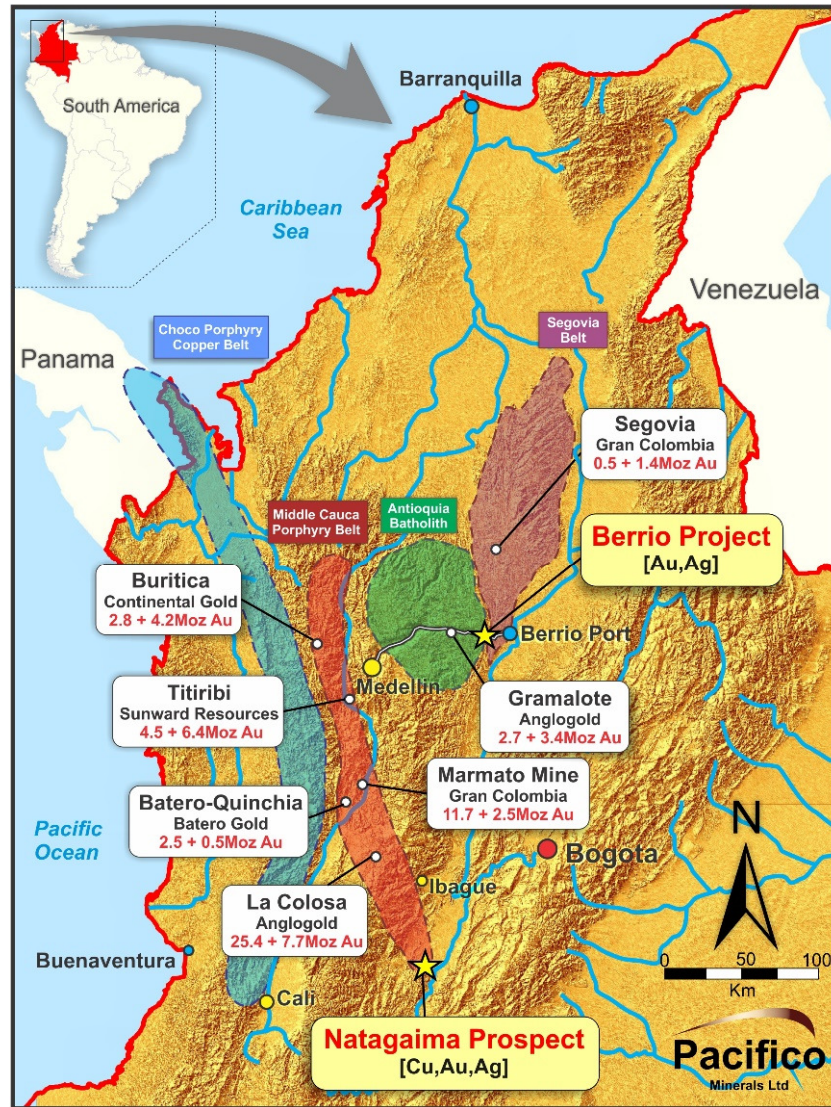
**Barrie Bolton**

*(Head of Project Development)*

- +30 years experience in the mining industry
- 18 years as advisor/manager of BHP's global manganese exploration programme
- Managed exploration for mesothermal Au in Ghana, porphyry Cu-Au exploration in Mongolia (including early drill testing at Oyu Tolgoi) and over 6 years at Ok Tedi Cu-Au mine in PNG

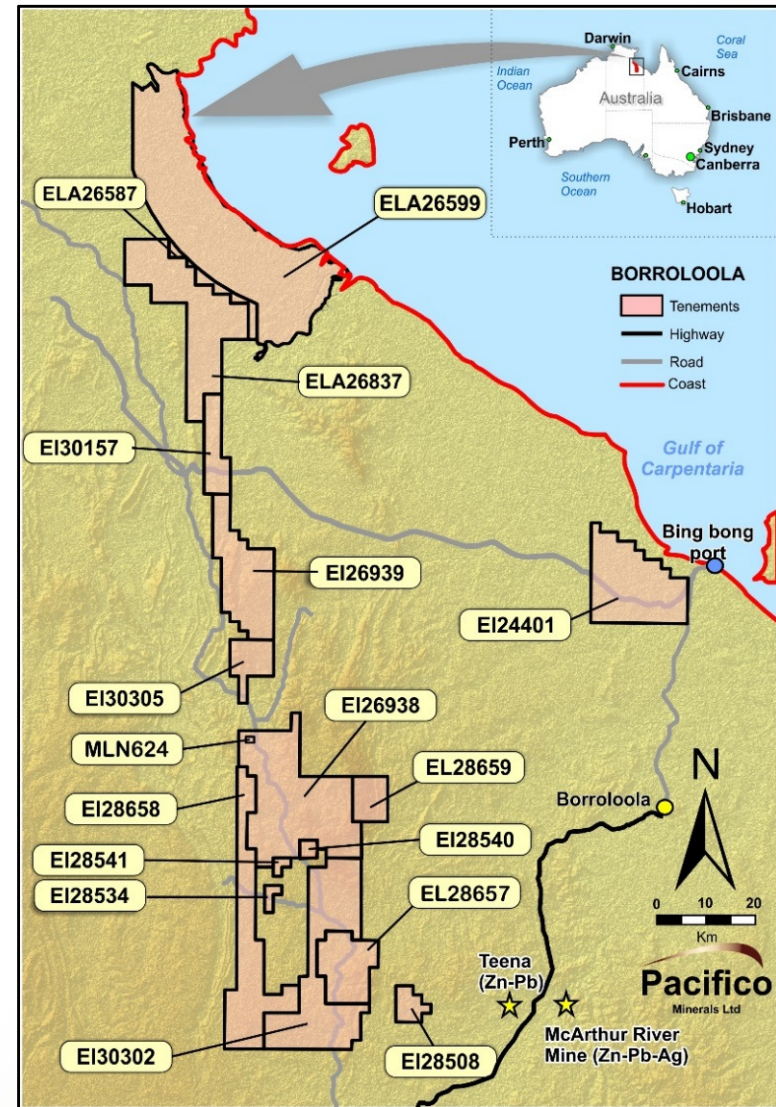


## Colombia



Project locations in relation to gold discovered resources (M&I + INF)

## Australia



Borrooloola West Tenement locations



# Why Colombia?

- Rich mineral endowment and established producer of gold, nickel, coal, oil and emeralds
- Limited exploration over the last 40 years with <5% of country explored with modern exploration techniques and technology
- Significant improvement in security in Colombia over the last decade
- Andean mountain chain is host to numerous and diverse metal deposits and is underexplored in Colombia
- Majors operating in Colombia include AngloGold Ashanti, Anglo American, BHP and Glencore
- Favourable mining royalties (3.2%) and corporate tax rate (25%).

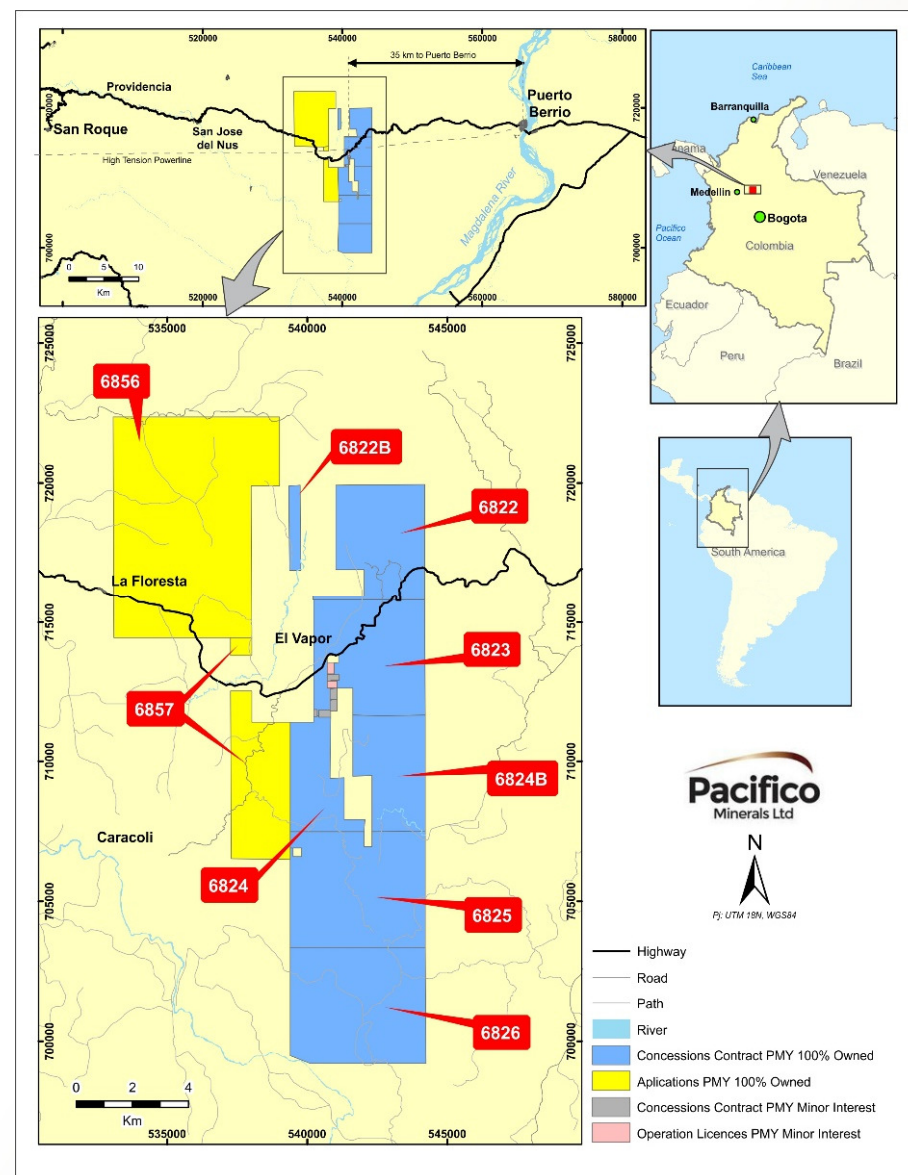


Major Andean porphyry copper deposits & mines (contained metal)

## Flagship Au Project in Antioquia

### Project overview

- Characterised by a number of operational and historical artisanal-scale adits and tunnels
- Mining friendly local population and readily available workforce
- During 2014 Pacífico drill tested a small tenement package in which it holds a minor interest. 22 holes were successfully completed with 13 holes intersecting over 10 g/t Au, 9 holes over 15 g/t Au and 3 holes over an ounce per tonne<sup>1</sup>
- During 2014 exploration it became apparent that prospective mineralisation extended far beyond the boundaries of the seven small titles
- In early 2015 signed a binding agreement with AngloGold Ashanti Colombia S.A. to acquire a 100% interest in a suite of tenements surrounding and adjacent to the tenements Pacífico had drill tested



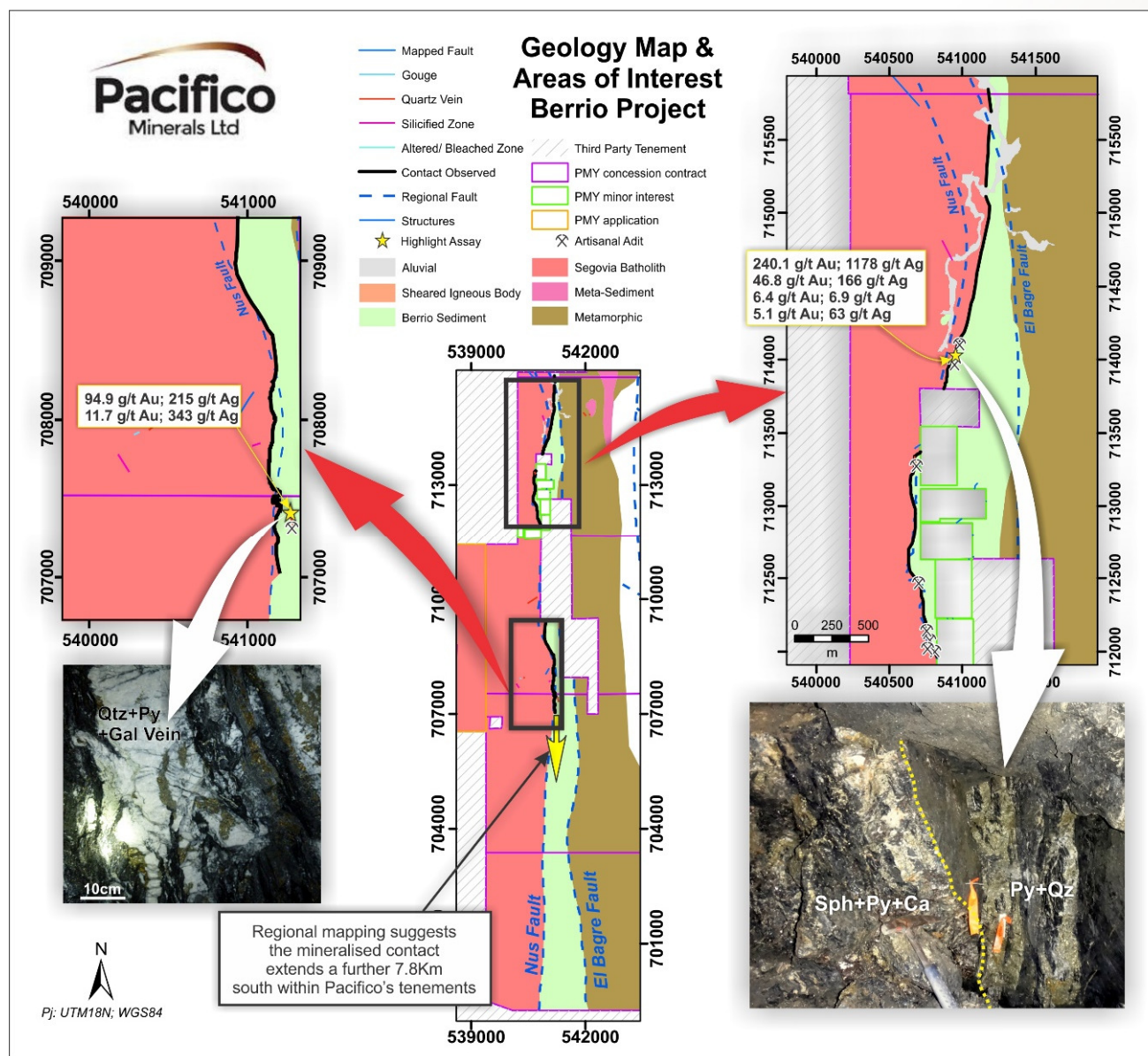
Tenement locations

<sup>1</sup> See ASX announcements 18 December and 14 August 2014 for drilling results on ground which Pacífico has a minor interest in.



## Project overview (continued)

- Faulted and mineralised contact (~14km of strike) between the Segovia Batholith and Berrio Sediments
- Three distinct mineralised scenarios recognised to date:
  - Shear hosted lodes within
  - Faulted contact between Segovia Batholith and Berrio Sediments
  - High grade veins in the Segovia Batholith
- Recently completed exploration<sup>1</sup> targeting the faulted contact further confirm its association with gold including:
  - Grab sampling
  - Soil sampling
  - Underground channel sampling
- Classic and well researched setting for Au deposits.



Geological map and areas of interest

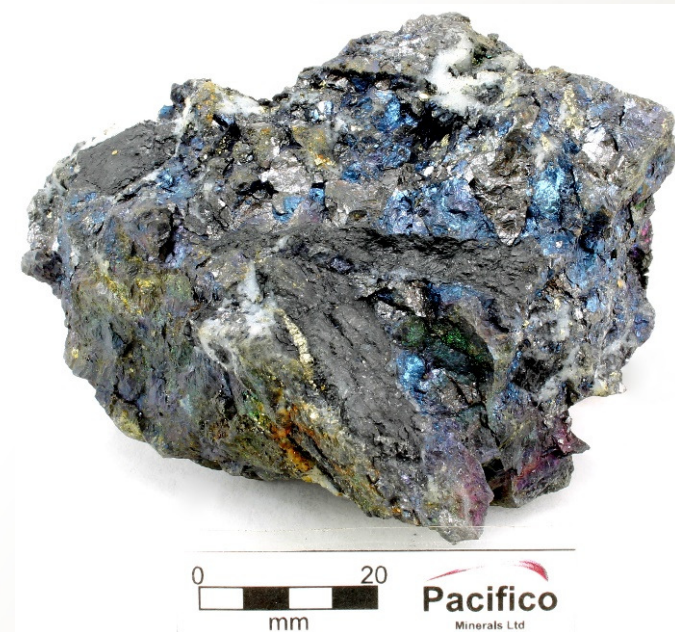


## Milestones

- ✓ **May 2014:** Maiden drilling campaign commenced
- ✓ **Jul 2014:** IP geophysical surveys completed
- ✓ **Aug 2014:** Drilling completed
- ✓ **Oct 2014:** Second drilling campaign commenced
- ✓ **Dec 2014:** Drilling confirms further high grade gold
- ✓ **Jan 2015:** Signs landmark agreement to significantly expand project area
- ✓ **Feb 2015:** Reconnaissance completed over expanded area
- ✓ **Mar 2015:** Rationalised project area
- ✓ **June 2015:** Soil sampling conducted of the faulted contact identifying gold anomalism
- ✓ **June 2015:** Channel sampling of mineralisation hosted at the faulted contact facilitated by artisanal workings
- ❑ **July 2015:** Extend soil sampling program
- ❑ **July 2015:** Further underground channel sampling
- ❑ **July 2015:** Magnetic and/or IP surveys across the faulted contact
- ❑ **Q3/Q4 2015:** Targeted drilling and/or trenching across the faulted contact



*Brecciated shales with quartz fill and disseminated pyrite*



*Sheared carbonaceous sediments with quartz, marmatite, galena and pyrite*

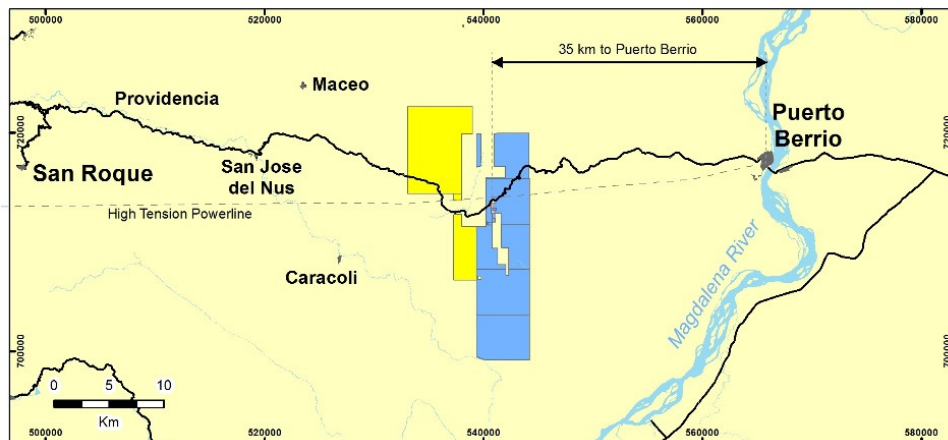


## Excellent infrastructure

- Sealed roads to towns provide easy access to services and labour
- Hydro power, with high tension power lines running through the project
- 35km along sealed roads to port (Puerto Berrío) which is navigable to the Caribbean Sea
- Mobile telephone coverage



*High tension powerlines and highway*



*Berrio location map*



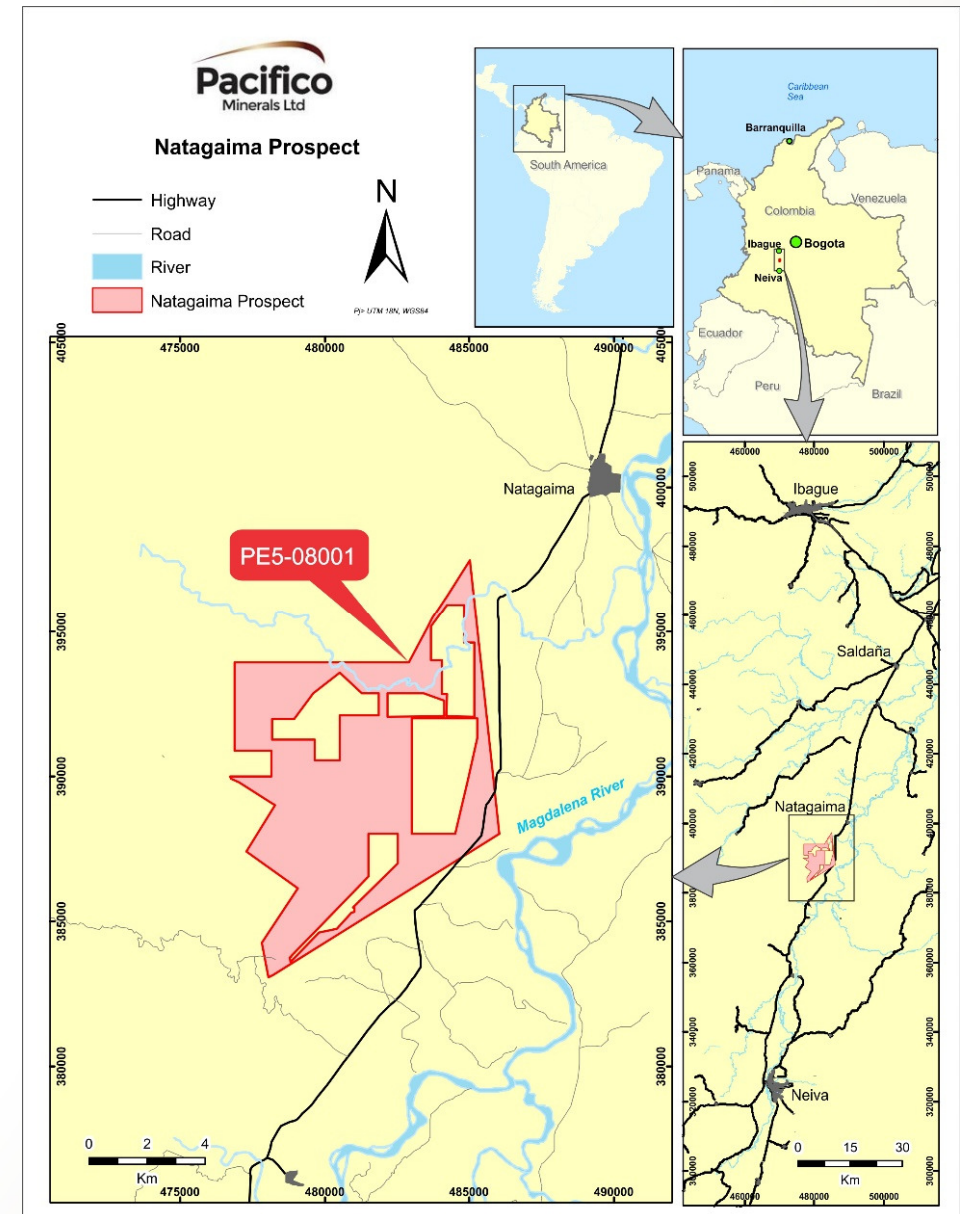
*Berrio port and Magdalena River*



## Cu-Au-Ag Tenement application in Tolima

### Project overview

- Application lodged for the Natagaima project
- Colombia operates a “first right” system with its licence application process and Pacífico was the first, of many interested parties, to register its application over Natagaima upon the area becoming available
- Located within the Middle Cauca Porphyry Belt
- Near existing electrical lines, roads, rail line and a major river
- Mapping, outcrop sampling and project wide stream sediment sampling has generated very encouraging geochemical anomalies.

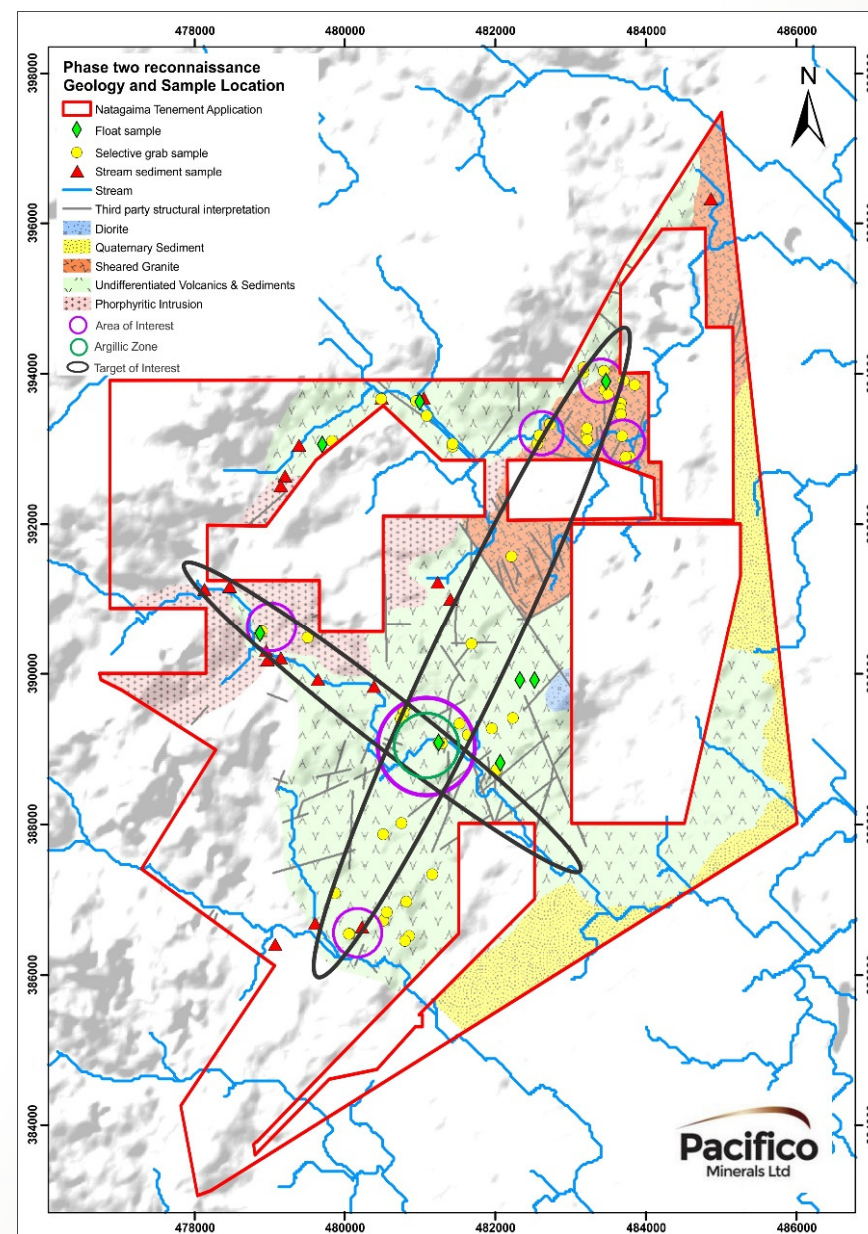


Tenement application location

## Cu-Au-Ag Tenement application in Tolima

### Project overview (continued)

- Initial work indicates prospectivity for epithermal and porphyry style mineralisation
- Two mineralised and intersecting trends identified are prospective for precious and base metals
- Selective grab sampling<sup>1</sup> generated the following grades:
  - 8.42g/t Au
  - 6.2% Cu
  - 2.3g/t Au
  - 1.35% Cu, 9.3% Pb and 1.12% Zn
  - 2.1% Cu and 1,395g/t Ag
- Several programs for follow-up exploration are under consideration including:
  - Targeted detailed mapping
  - Channel sampling of gold bearing quartz veins
  - Mag and IP survey
  - Trenching

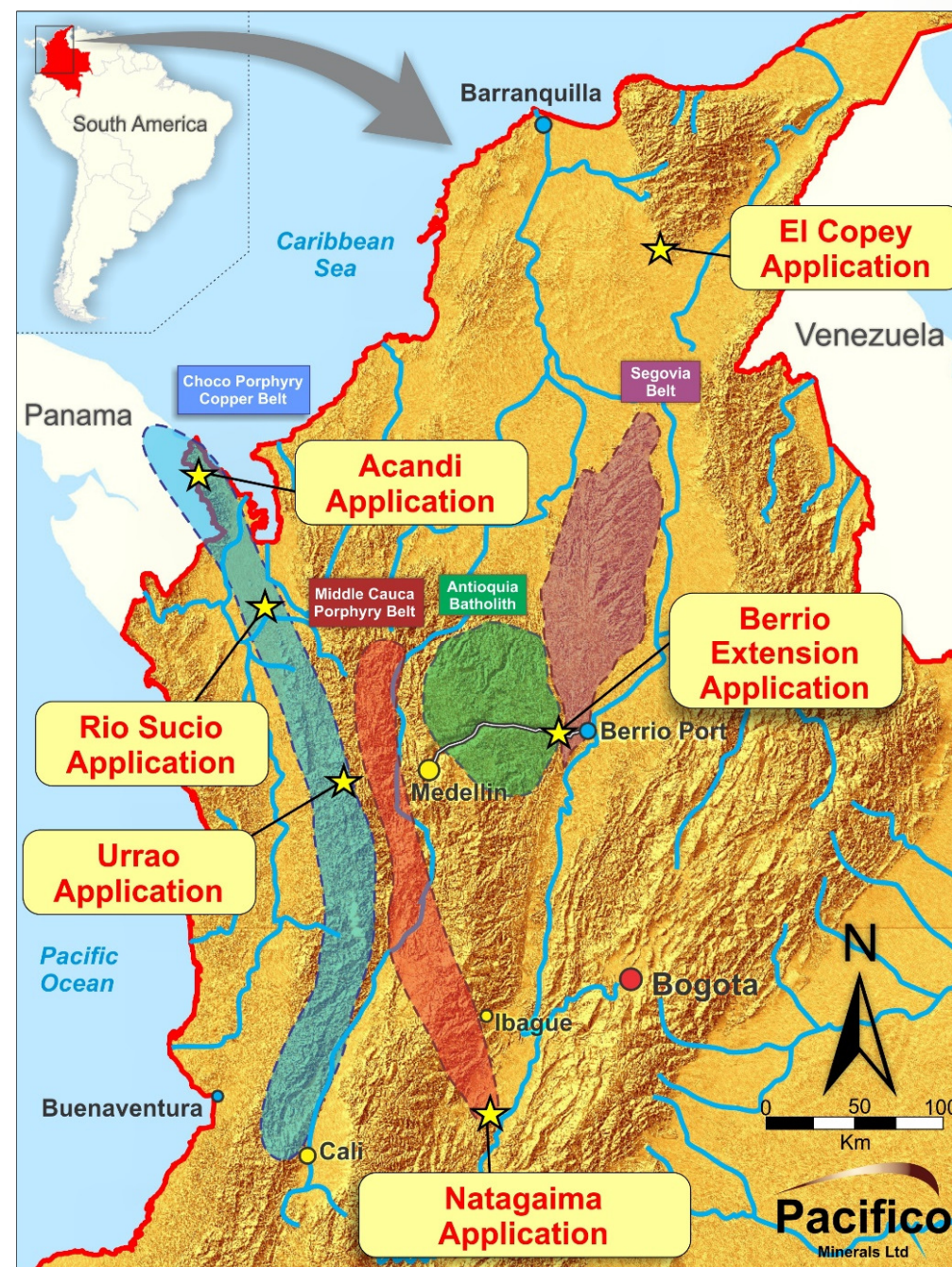


<sup>1</sup> See ASX announcements 28 April and 27 January 2015. Selective grab samples may not be representative.



# Pipeline of Quality Projects (Colombia)

- Pacifico's position in Colombia over several years provided the opportunity to identify and evaluate a range of exciting precious and base metal prospects around the country
- As ground became available Pacifico lodged several high quality tenement applications ahead of its rivals
- Tenement applications for 6 projects totalling >66,000ha are under review by the Colombian Ministry of Mines
- Pacifico's tenement applications are associated with highly prospective geological terrains including:
  - Choco Porphyry Copper Belt
  - Middle Cauca Prophecy Belt
  - Antioquia Batholith



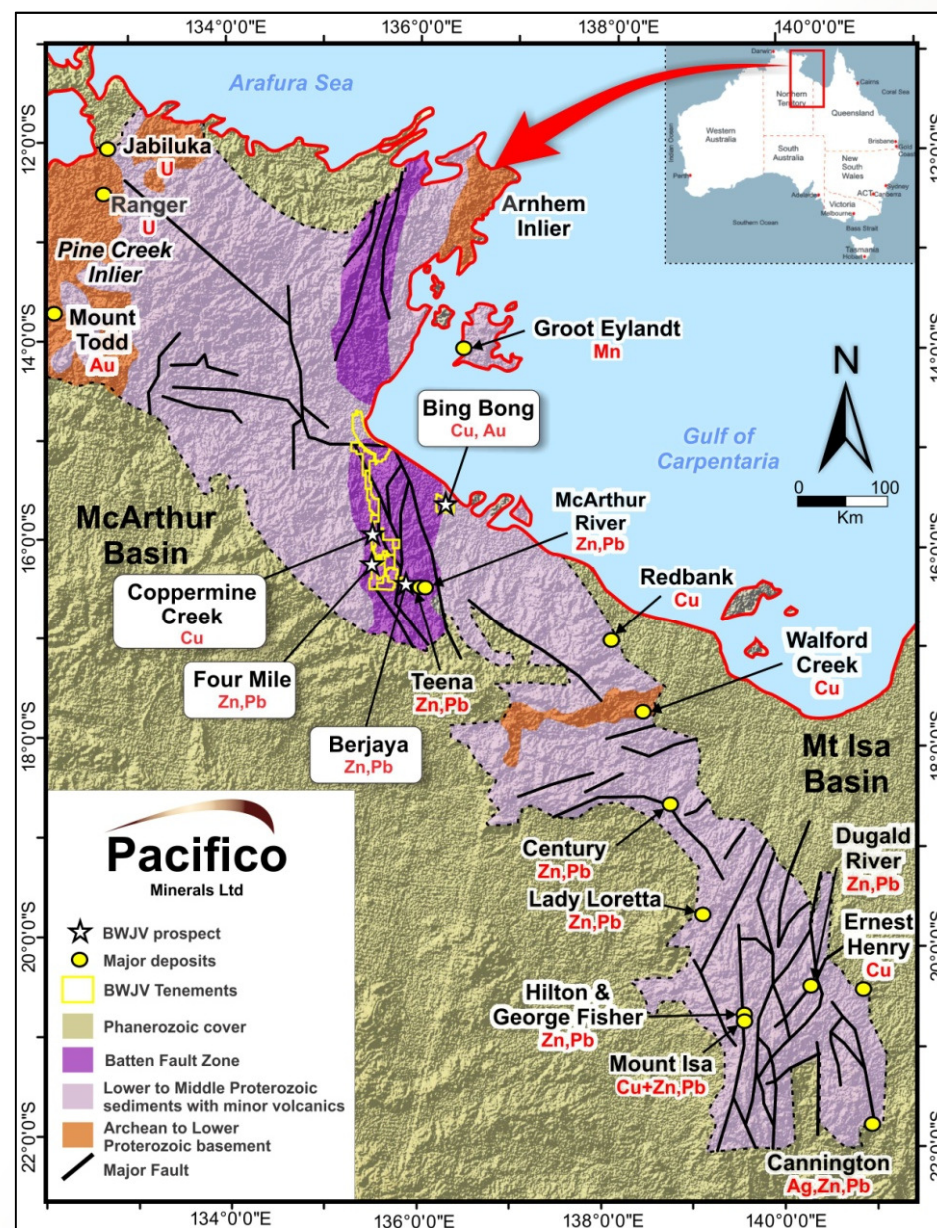
Tenement Application Locations



## Zn-Pb-Ag-Cu Project in the Northern Territory

### Project overview

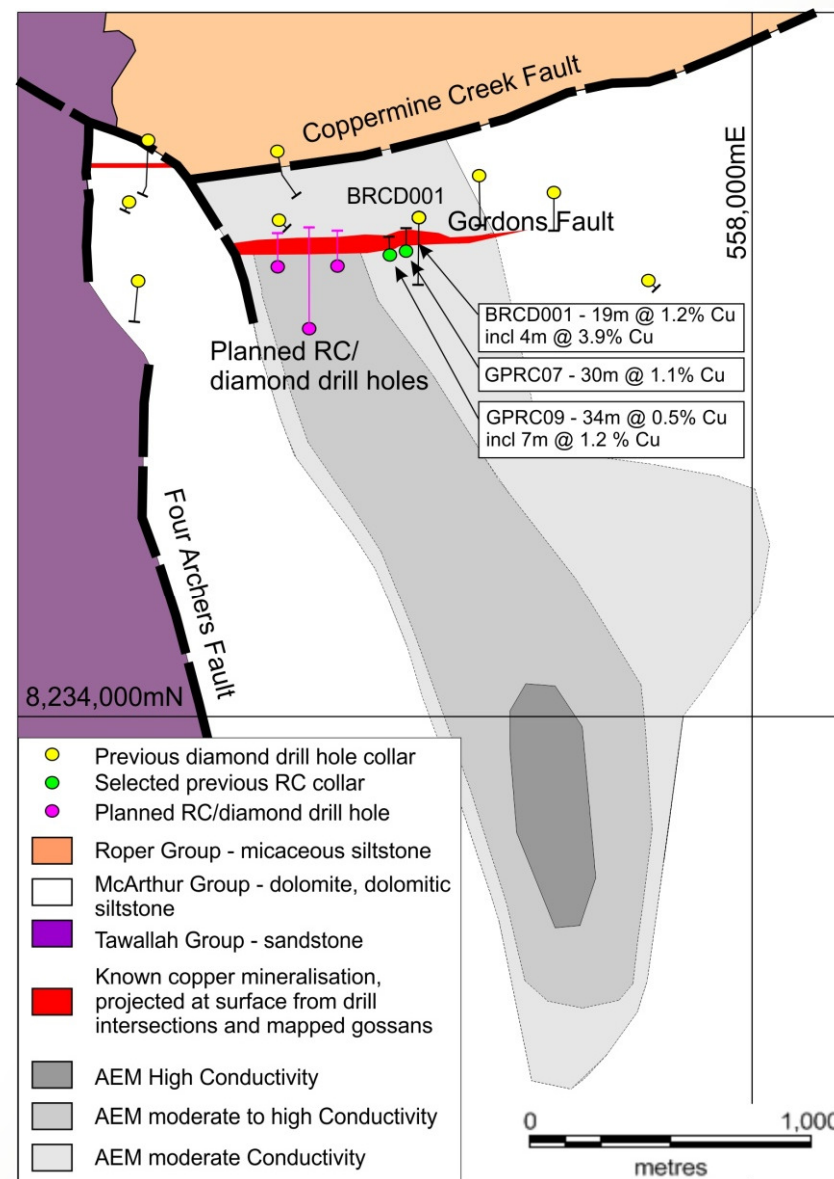
- Exploration project covering ~2,500km<sup>2</sup> in East Arnhem Land of the Northern Territory
- Project area underlain by the McArthur Basin, one of connected Proterozoic basins which hosts several world class mines at McArthur River (just 30km east of Pacifico's project area), Mount Isa and Century
- Drill ready targets at Coppermine Creek (copper), Bing Bong (copper-gold) and Berjaya (zinc-lead-silver)
- Drilling underway at Coppermine creek with drilling to commence at Bing Bong July 2015
- Pacifico expects to earn 51% from Sandfire Resources NL by December 2015.



McArthur and Mount Isa Basins and Borroloola West Project area

## Project overview (Coppermine Creek prospect)

- 900m strike of copper rich gossans mapped at surface from fault zone
- Significant widths of copper mineralisation indicated in fault zone by previous drilling e.g. 30m @ 1.1% Cu<sup>1</sup>
- Previous drilling intersected gently dipping stratabound mineralisation with high grades e.g. 4m @ 3.9% Cu<sup>2</sup>
- Only the extreme eastern end of the mineralised fault has been drill tested
- Extensive brecciation, chlorite and dolomite alteration – indicative of very large mineralised system.



**Plan showing AEM relative conductivities, previous diamond drill collars and planned RC and diamond drilling**

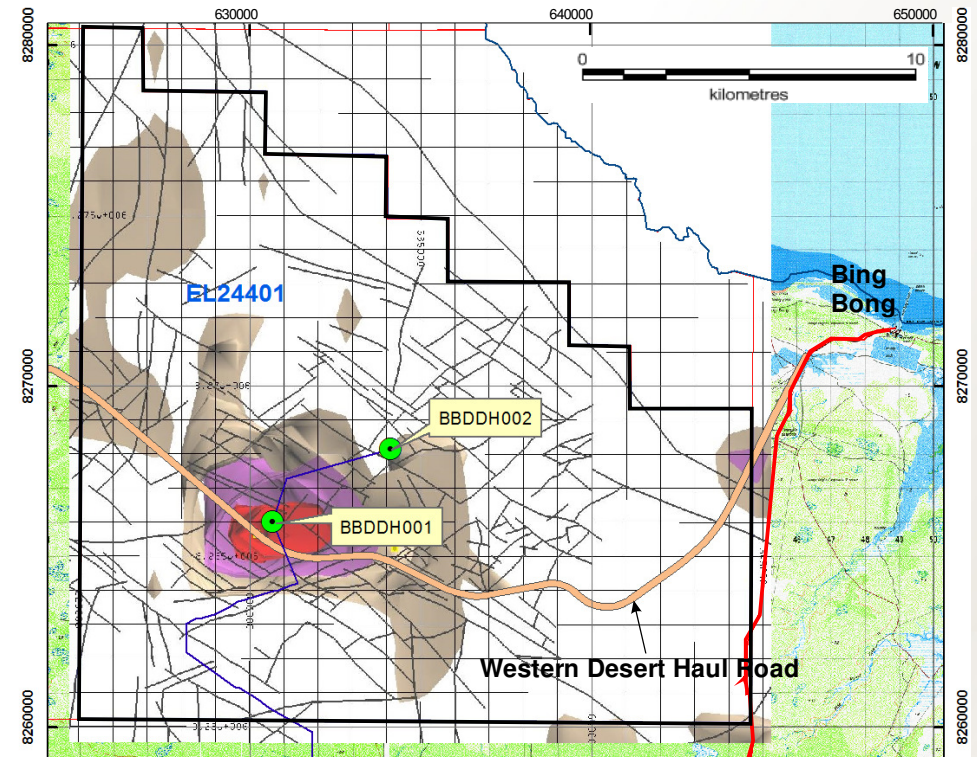
<sup>1</sup> Source: Sandfire Resources NL

<sup>2</sup> Source: Mount Carrington Mines Ltd



## Project overview (Bing Bong prospect)

- Drilling in surrounding area indicates basement of Proterozoic Nathan Group sediments
- Aeromagnetics indicate large intrusive body that could relate to prominent trend of Permian to Carboniferous igneous intrusive complexes extending from Northern Queensland
- Two diamond drill holes planned to test conductive pipes defined by VTEM
- Co-funding approved by NTGS for the upcoming diamond drilling program (NTGS to fund 50% of direct drilling costs)

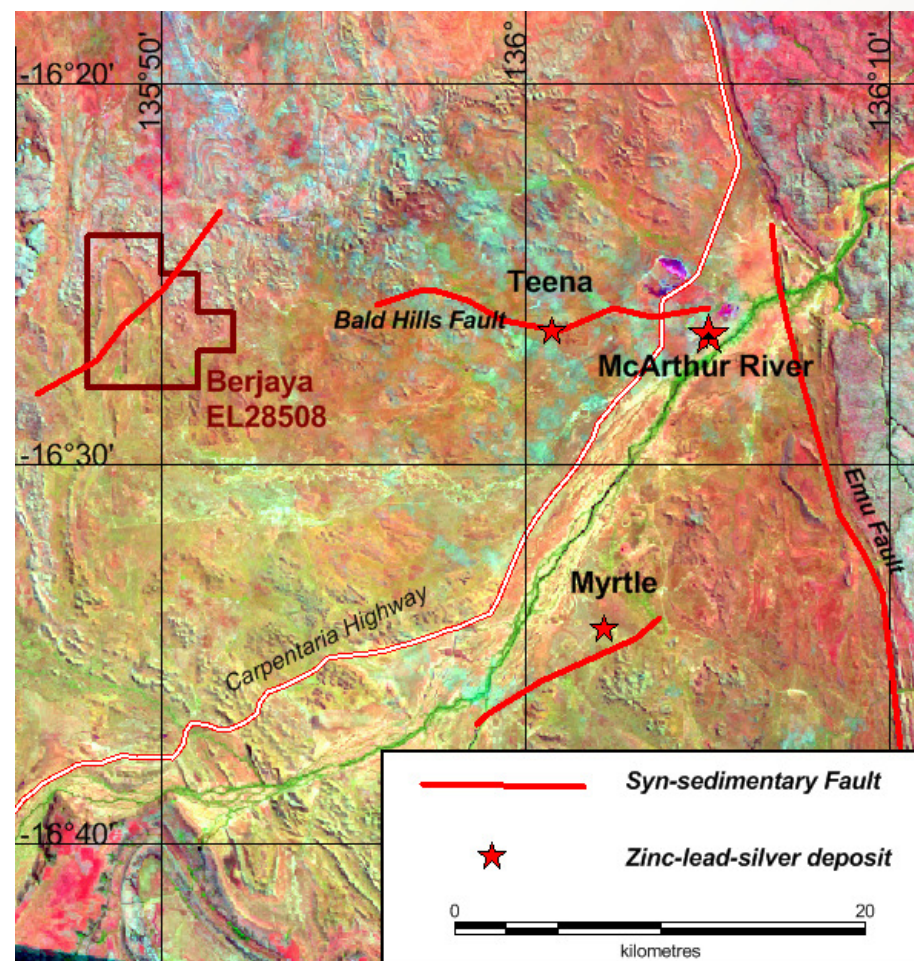


*AEM relative conductivity 3D model and planned drill hole collars*



## Project overview (Berjaya prospect)

- 30km along strike from McArthur River Mine – Australia's largest Zn-Pb-Ag producer and one of the largest Zn-Pb-Ag deposits in the world
- 20km along strike from Rox Resources' Teena deposit
- Contains probable Barney Creek Formation and major growth faults – key geological components at both McArthur River and Teena
- Drill targets for RC and diamond drilling defined



*Berjaya tenement location*

- **Exciting drilling campaign at Borroloola West during June/July 2015 with assay results expected July/August 2015**
- **Staged exploration at Berrio along the well mineralised faulted contact culminating in drilling campaign to test mineralisation at depth. Key stages include:**
  - Q3 2015: Extend soil surveys to determine extent of anomalies identified to date
  - Q3 2015: Results of underground channel sampling program
  - Q3 2015: Drill program defined
  - Q4 2015: Drill on-site and turning
  - Q4 2015: Release of drilling results
- **Focused exploration of two intersecting mineralised trends identified at Natagaima:**
  - Q4 2015: Targeted mapping and representative sampling of mineralised trends
  - Q4 2015: Trenching program and channel sampling of multiple gram gold-bearing veins
  - Q4 2015: Results of channel sampling program released
- **Strong funding position with \$3.1m in cash enabling focussed exploration**



## Contact us

### **Perth Office**

Level 10, 553 Hay Street

PERTH WA 6000

Telephone: + 61 (0)8 6266 8642

Facsimile: +61 (0)8 9421 1008

### **Postal Address**

PO Box Z5487

PERTH WA 6831

Email: [info@pacificominerals.com.au](mailto:info@pacificominerals.com.au)

Web: [www.pacificominerals.com.au](http://www.pacificominerals.com.au)