

## **Investor Presentation**



August 2017

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

The information in this announcement that relates to the Borroloola West Project, Berrio Project, Urrao Project and Natagaima tenement application 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.

### **Investment Highlights**



- Board and Management team with proven track record of identifying, funding and developing projects.
- Well funded with \$1.6m in cash reserves (30 June 2017), low market cap with significant upside.

#### <u>Australia</u>

- Pacifico is Operator of the Borroloola West Joint Venture with Sandfire Resources NL. (Pacifico 51% / Sandfire 49%) in the McArthur Basin, NT, Australia.
- Sandfire Resources NL supporting exploration and funding their 49% of exploration costs.
- Drilling for Mt Isa Style Copper-Cobalt and Sedex Zinc targets through August and September 2017.
- Significant stratabound copper mineralisation intersected by Pacifico at Coppermine Creek with immediate potential for major discovery.
- Co-funding from Northern Territory government covering 50% of direct drilling costs (up to \$165,000), further offsetting exploration costs.

#### **Colombia**

- Valuable in-country experience with Pacifico operating in Colombia since 2011
- Systematic sampling programs underway following recent completion of reconnaissance mapping at the Berrio Project, situated within the prolific Segovia gold belt.
- Pipeline of quality projects including the Natagaima prospect, highly prospective for precious and base metals with outstanding exploration results to date.

# **Corporate Snapshot**



#### **Experienced Board and Management**

#### **Simon Noon**

Managing Director

#### **Richard Monti**

Non Executive Chairman

#### **Peter Harold**

Non Executive Director

#### **Andrew Parker**

Non Executive Director

#### **Barrie Bolton**

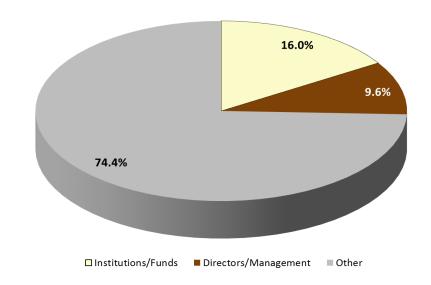
Head of Project Development

#### **Capital structure**

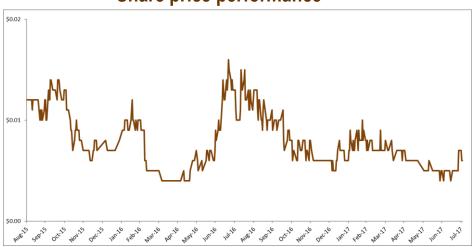
Share Price*	\$	0.006
No. of Shares Outstanding	m	741
Options on Issue	m	0
Market Cap	\$m	4.4
Cash**	\$m	1.6
Enterprise Value	\$m	2.8

<sup>\*</sup> As at 2 August 2017

#### Shareholder breakdown – Top 20 owns 41%



#### Share price performance

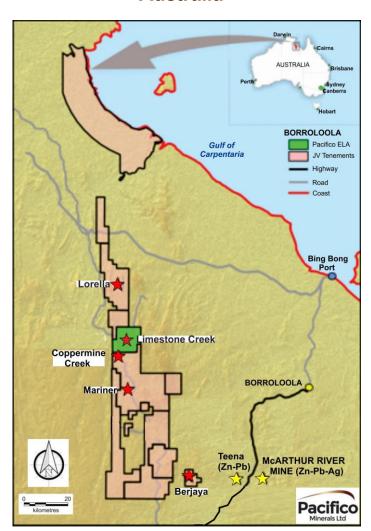


<sup>\*\*</sup> As at 30 June 2017 (including SFR JV funds \$0.1m)

# **Our Projects**

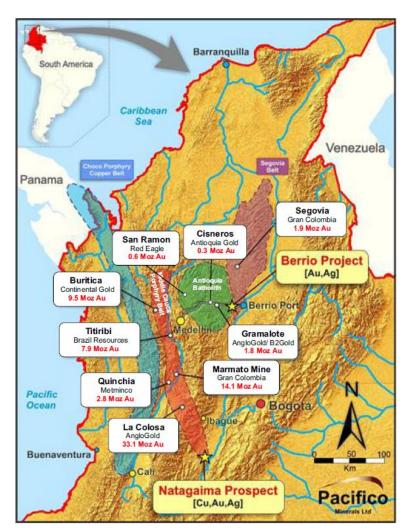


#### **Australia**



Borroloola West Project - Tenements and main prospects

### Colombia



Project locations in relation to discovered gold resources

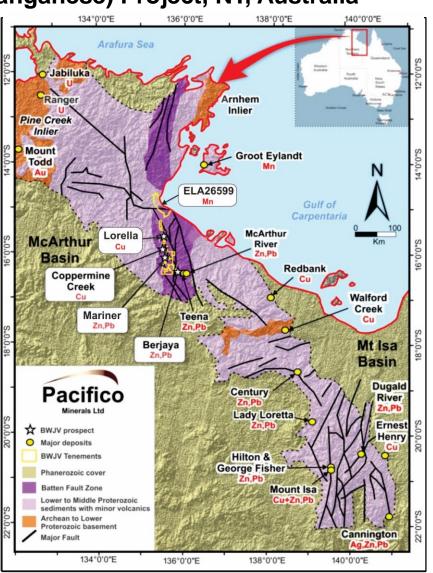
# **BORROLOOLA WEST Project (Australia)**



### Zinc, Copper (Cobalt, Silver, Lead, Manganese) Project, NT, Australia

### **Project overview**

- Pacifico has 51% interest in Borroloola West Joint Venture and Sandfire Resources NL (49%). Sandfire supportive of exploration strategy, continue to contribute their share of exploration costs
- Outstanding large and underexplored ground package covering ~1,800km² in East Arnhem Land, NT, Australia
- Project area within the McArthur Basin, which hosts several world class mines including McArthur River, Mount Isa and Century
- Teck Resources recently discovered Teena deposit\* of 58Mt of 11.1% Zn and 1.6% Pb lies 20km east of the Pacifico's Berjaya tenement within the same stratigraphic package
- High priority drill targets at Berjaya (zinc-lead), Coppermine Creek (copper-cobalt), and Mariner (zinc-lead)
- Shallow drill targets for RC drilling at Limestone Creek (zinc-lead) Pacifico 100% owned application
- Potential for both primary and oxide copper resources at Lorella.



McArthur and Mount Isa Basins and Borroloola West Project area

<sup>\*</sup> Rox Resources Ltd ASX Announcement 1 June 2016

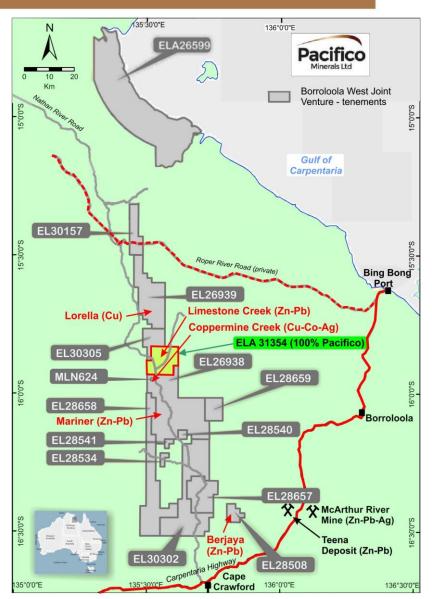


#### Borroloola West Joint Venture (Pacifico 51%, Sandfire 49%)

- Coppermine Creek targeting Mount Isa Copper style deposit. Diamond drilling during August 2017.
- Mariner lead-(zinc) mineralisation intersected in 2016. Zinc rich SHMS drill targets established. Drilling through August and September 2017.
- Berjaya targeting zinc-lead SHMS deposit within Barney Creek stratigraphic package. Diamond drilling through August and September 2017
- Lorella Aircore drilling program planned at Lorella prospect to explore for both primary and oxide copper (subject to positive metallurgical testwork on oxide copper mineralisation).

#### (Pacifico 100% owned application)

 Limestone Creek (ELA 31354). Targeting stratabound zinc-lead mineralisation in the Amelia Dolomite. RC drilling planned (subject to granting of licence ELA31354)



Borroloola West Project area

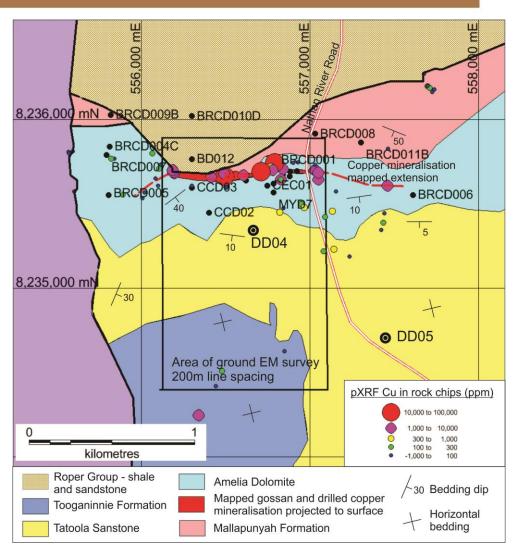


#### Coppermine Cu- (Co-Ag)

- Thick continuous stratabound copper mineralised zone, strike of 1.5km, open several km to the south within gently dipping stratigraphy
- 12 historical drill holes have an average intersection thickness of 9m @ 1.0% Cu, 0.01% Co and silver grades to 5g/t Ag¹
- Ground EM confirms conductive layer that corresponds to geological model.
- Program of two diamond drill holes (DD04 and DD05) during August 2017

Hole ID	From (m)	To (m)	Inter- section (m)	Cu %
CCD03	68	73	5	2.5
incl	69	71	2	4.0
CCR08	48	51	3	2.8
GPRC4	0	5	5	2.0
GPRC7	15	28	13	2.0





Geological plan showing planned drill collars DD04 and DD05, and outline of ground EM survey

<sup>&</sup>lt;sup>1</sup> ASX announcement 9 February 2017 – summary of results from table 1 (0.3% Cu cut-off)

<sup>&</sup>lt;sup>2</sup> Selected drill holes from table 1 in above announcement, applying 0.75% Cu cut-off



#### **Coppermine (continued)**

 Intensity of fracturing and dolomite-quartz alteration over wide intervals indicates a major stratabound mineralised system



Drill core CCD03 – semi-massive chalcopyrite bands. Contain only very minor pyrite



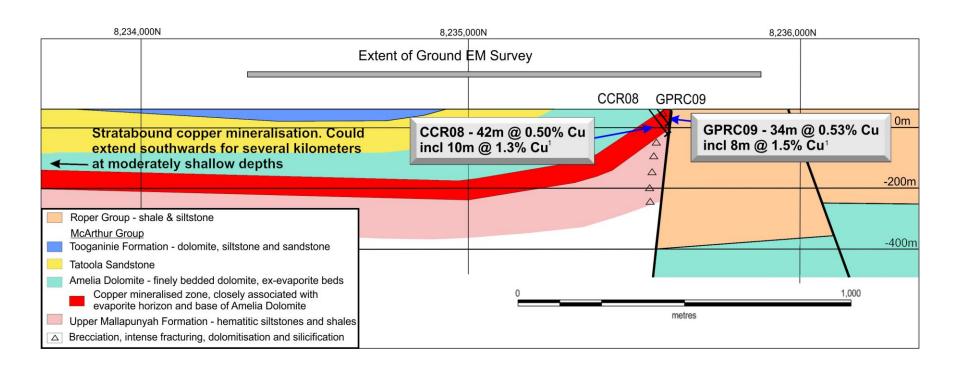
Drill core CCD03 – semi-massive chalcopyrite bands in zone of brecciation, dolomitisation, and early brick red hematite alteration, hosted by Amelia Dolomite



Drill core CCD02, evaporite horizon, disseminated chalcopyrite. Visible exgypsum crystals of evaporite horizon



#### **Coppermine (continued)**



Section through drill holes CCR08 and GPRC009, showing projected stratabound copper mineralised horizon

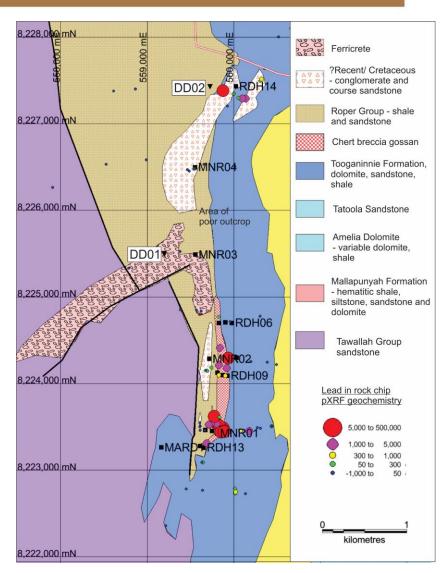
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<sup>&</sup>lt;sup>1</sup> See ASX announcement 9 February 2017 – selected drill holes listed in table 1 applying 0.1% Cu and 0.5% Cu cut-offs



### **Mariner (Zn-Pb)**

- 4 RC holes drilled by Pacifico in 2016, best intersection MNR01, 6m to 27m, 21m @ 1.0%Pb<sup>1</sup>
- All mineralisation intersected was oxidised to cerussite, and could be indicative of the vicinity of significant zinc-lead primary sulphide mineralisation in this weathered terrain
- Significant McArthur River SHMS pathfinder trace elements (TI, Sb, Ag, Zn) in black shale in MNR04
- Potential, and space, for a significant zinclead deposit lies to the NW of the Mariner Prospect
- 2 diamond holes planned through August and September 2017, to test for both zinc mineralisation and favourable stratigraphy (thick sulphidic black shale horizon)



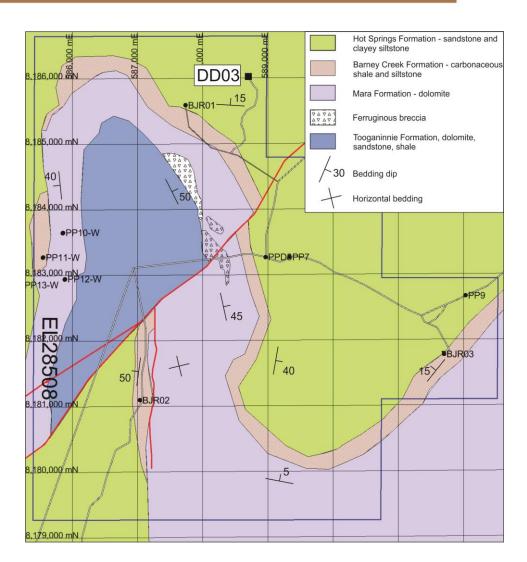
Mariner – geology, previous percussion drilling, Pacifico 2016 RC collars, and planned 2017 diamond drill sites (DD01 and DD02)

<sup>&</sup>lt;sup>1</sup> ASX announcement 23 November 2016



### Berjaya (Zn-Pb)

- 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 Teck Resources' Teena zinc –lead deposit
- Contains several kilometers of Barney Creek Formation package and major growth fault – key geological components at both McArthur River and Teena
- Diamond drilling through August September 2017, targeting a VTEM conductivity anomaly in Barney Creek Formation

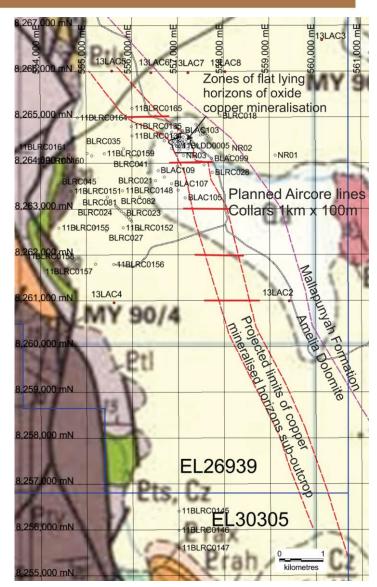


Berjaya interpreted geology and planned diamond drill hole DD03



### Lorella (Cu)

- Area of intense historical drilling.
- Main NNW trending zone, corresponding to stratabound mineralised horizon remains untested and could extend for >10km
- Potential for significant primary and oxide copper mineralisation
- Acid and non-acid leach testwork to be carried out on oxide copper mineralisation once drill sample available
- Planned Aircore (40 holes for 2000m) to get underway during September conditional on positive testwork on the Oxide material.



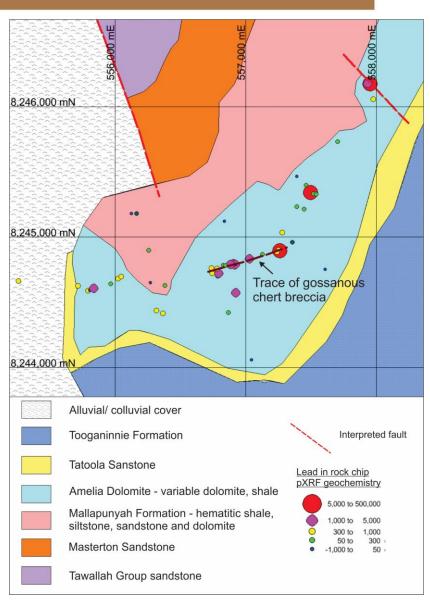
Lorella Prospect showing projected suboutcrop of mineralized horizon and planned aircore lines



#### **Limestone Creek (Zn-Pb)**

Lies within ELA 31354 -100% Pacifico Exploration licence application

- Gossanous breccia, 600m strike, rock chips up to 0.44% Zn and 0.61% Pb – significant values from highly weathered leached terrane
- Stratabound, in Amelia Dolomite black shales and dolomitic siltstones, could continue along strike under cover, dips about 35deg south
- RC drilling planned subject to licence granting.
- Licence expected to be granted Q3 2017



Limestone Creek - Geology and lead geochemistry

### 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%)



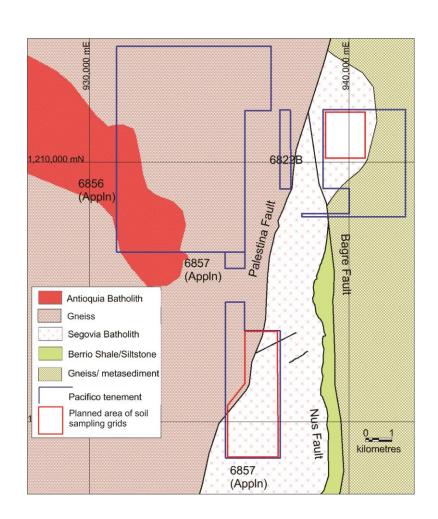
Major Andean porphyry copper deposits & mines (contained metal)

## **BERRIO Project (Colombia)**



### **Gold Project in Antioquia**

- 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.
- Project contains a number of historical artisanal-scale adits and tunnels.
- Systematic sampling programs underway following recent completion of geological mapping and reconnaissance rock chip sampling.
- Mining friendly local population and readily available workforce

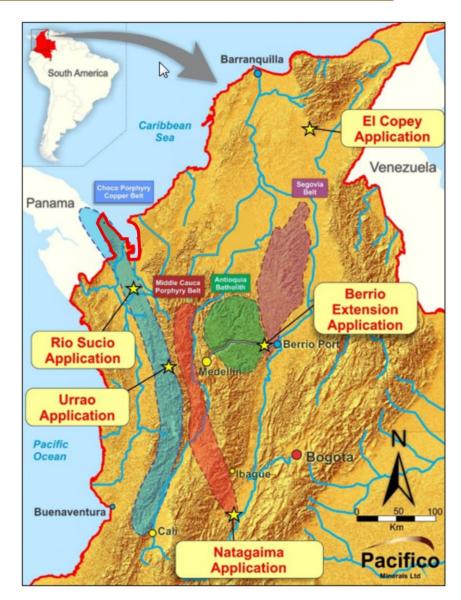


Geology and granted tenement 6822 and tenement applications 6856 and 6857 (all 100% Pacifico)

# Pipeline of Quality Projects (Colombia)



- Pacifico's position in Colombia over several years provides 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 5 projects totalling >46,000ha 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 Porphyry Belt
  - Antioquia Batholith
- New project generation and prospect evaluations are continuing



**Tenement Application Locations** 

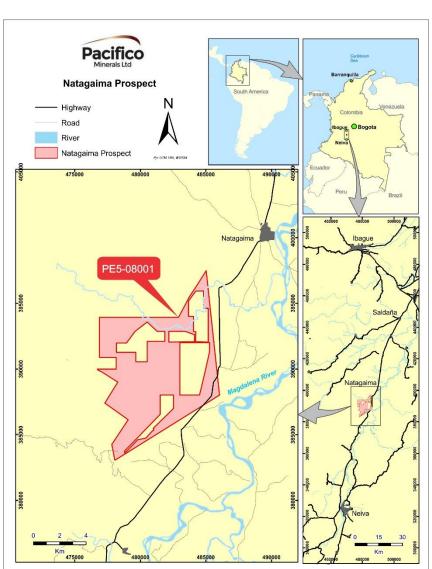
# **NATAGAIMA Prospect (Colombia)**



### **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 Pacifico 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



# **NATAGAIMA Prospect (Colombia)**



### **Cu-Au-Ag Tenement application in Tolima**

Phase two reconnaissance Geology and Sample Location

### **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 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

Undifferentiated Volcanics & Sediments 484000

Tenement location

See ASX announcements 28 April and 27 January 2015. Selective grab samples may not be representative.

## **Near Term Investment Catalysts**



#### **Australia**

- Diamond drilling program Coppermine Creek, Mariner and Berjaya through August and September 2017 with assay results coming shortly after
- Assessment of potential Copper Oxide ore resources with metallurgical testwork on Lorella Copper oxide material – update Q3 2017
- Aircore drilling to get underway September/October at Lorella subject to positive metallurgical testwork results.
- Granting<sup>1</sup> of a new highly prospective 100% owned exploration licence containing Limestone Creek prospect expected Q3 2017 (ELA31354)

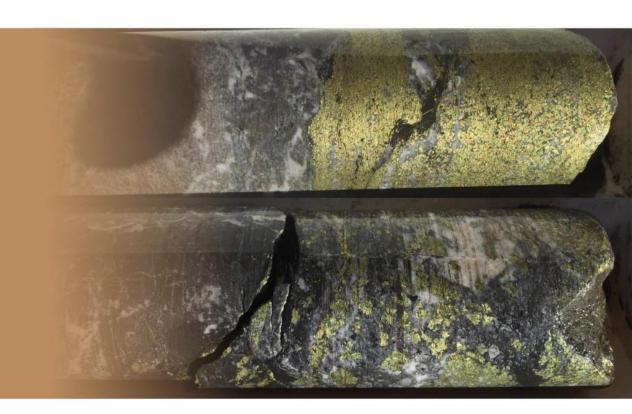
#### Colombia

- Systematic soil sampling through August and September at Berrio gold project.
- Granting of exploration licence at the Natagaima project 2018

<sup>&</sup>lt;sup>1</sup> Grant subject to S.29 Native Title Act and S.71 MTA Objections



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