





**November 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.
- \$1.4m in cash reserves (September 2017), low market cap and 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.
- Extensive Oxide copper mineralisation at Lorella prospect with excellent potential for Oxide extensions and primary copper mineralisation. Further drilling as soon as weather permits.
- Significant stratabound copper mineralisation intersected by Pacifico at Coppermine Creek with potential for major discovery.
- Exploring for for Mt Isa Style Copper-Cobalt and Sedex Zinc targets.

#### Colombia

- Valuable in-country experience with Pacifico operating in Colombia since 2011
- Systematic sampling programs completed 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**

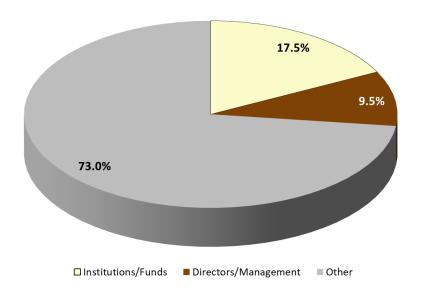
Head of Project Development

### **Capital structure**

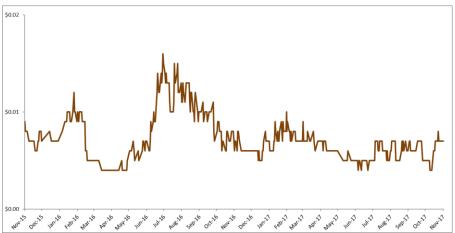
Share Price*	\$	0.007
No. of Shares Outstanding	m	747
Options on Issue**	m	27.5
Market Cap	\$m	5.2
Cash***	\$m	1.4
Enterprise Value	\$m	3.8

<sup>\*</sup> As at 22 Nov 2017

#### Shareholder breakdown – Top 20 owns 40%



### **Share price performance**



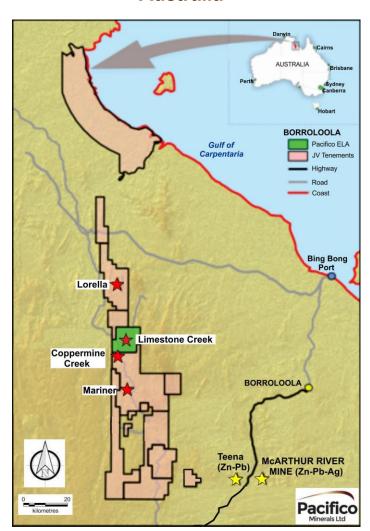
<sup>\*\*</sup> Exercisable at 1.5c, expiring Nov 2020

<sup>\*\*\*</sup>As at 30 Sept 2017

# **Our Projects**

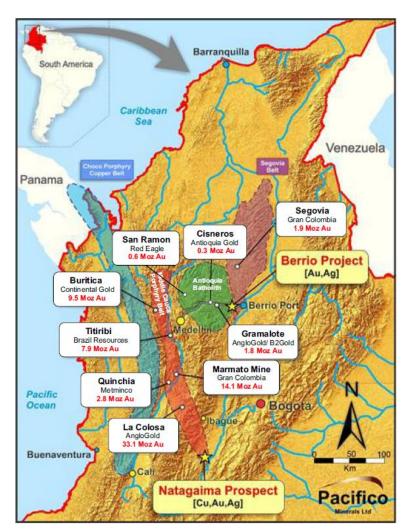


#### **Australia**



Borroloola West Project - Tenements and main prospects

### Colombia



Project locations in relation to discovered gold resources

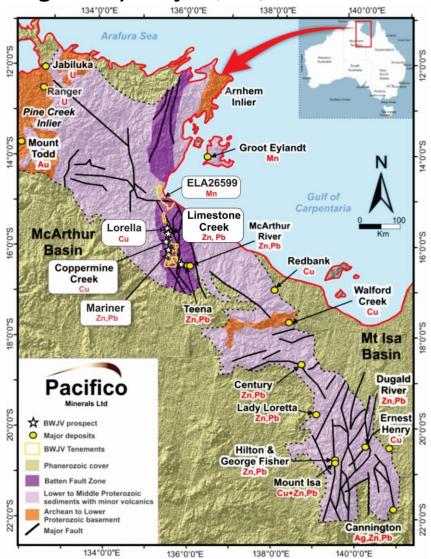
## **BORROLOOLA WEST Project (Australia)**



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

### **Project overview**

- Pacifico has 51% interest in Borroloola West Joint Venture with Sandfire Resources NL (49%). Sandfire supportive of exploration strategy, continue to contribute their share of exploration costs
- Project area covering ~1,800km² within the McArthur Basin, host to 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 Pacifico's tenements
- High potential at Coppermine Creek (copper-cobalt), and Mariner (zinc-lead) for significant sediment hosted deposits
- Potential for both oxide and primary oxide copper resources at Lorella
- Stand out RC drill targets at Limestone Creek (zinc-lead) Pacifico 100% owned application. Granting imminent.



McArthur and Mount Isa Basins and Borroloola West Project area

Rox Resources Ltd ASX Announcement 1 June 2016



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

#### **Key prospects**

- Lorella Extensive Oxide copper mineralisation with excellent potential for primary copper mineralisation. Further drilling as soon as weather permits.
- Coppermine Creek target Mount Isa Copper style deposit. Diamond drilling in 2018.
- Mariner Zinc rich SHMS drill targets to be developed. Diamond drilling in 2018

#### Pacifico 100% owned application

 Limestone Creek (ELA 31354). Targeting stratabound zinc-lead mineralisation in the Amelia Dolomite. RC drilling planned for 2018\*

Borroloola West Project area

<sup>136°0&#</sup>x27;0"E ELA26599 Borroloola West Joint Venture - tenements Gulf of Carpentaria EL30157 Bing Bong Limestone Creek (Zn-Pb) Lorella (Cu) -Coppermine Creek (Cu-Co-Ag) ELA 31354 (100% Pacifico) EL30305 EL26938 **MLN624** EL28659 EL28658 Borroloola Mariner (Zn-Pb) EL28540 EL28541 EL28534 EL28657 McArthur River Mine (Zn-Pb-Ag) Deposit (Zn-Pb) EL30302 EL28508 Crawford 136°0'0"E 135°0'0"E 136°30'0"E

<sup>\*</sup>subject to granting of licence ELA31354

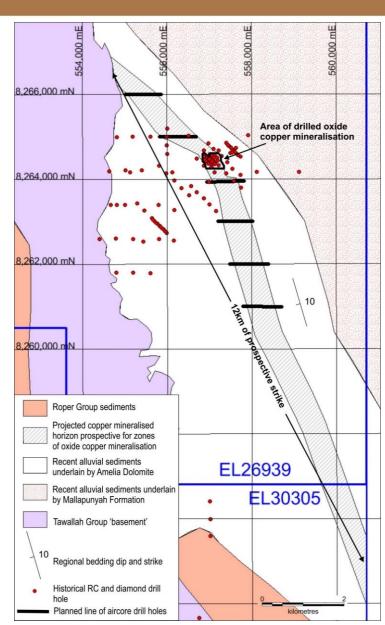


### Lorella (Cu)

• Oxide copper mineralisation (malachite and azurite) intersected by Sandfire. Best intersections include:

Drill hole	Intersection interval	Vertical intersection thickness and copper grade
11BLD0006	28 to 43m	15m of 1.3% Cu
BLRC032	20 to 26m	6m of 1.8% Cu
BLRC047	20 to 28m	8m of 1.1% Cu
BLRC094	24 to 38m	14m of 1.2% Cu
BLRC098	26 to 32m	6m of 1.1% Cu

- Consistent mineralisation with very even distribution of grades and beneath just 20m to 30m of alluvium
- Aircore drilling program (40 holes/2000m) to get underway as soon as weather permits to test stratabound mineralised horizon which could extend up to 12km.
- Exploration target of 5 to 10Mt of 0.8%Cu to 1.1%Cu of shallow oxide copper mineralisation. Exploration Targets are conceptual in nature, see ASX announcement 20 November 2017 for further details on target estimation.
- Preliminary acid leach testwork on oxide copper returned high recoveries with low acid consumption.
- Potential to produce cathode copper from a solvent extraction, electrowinning operation ("SXEW") with potentially very low start-up costs.
- RC and PQ diamond drilling planned for 2018 to define inferred resource



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



### **Coppermine Creek Cu**

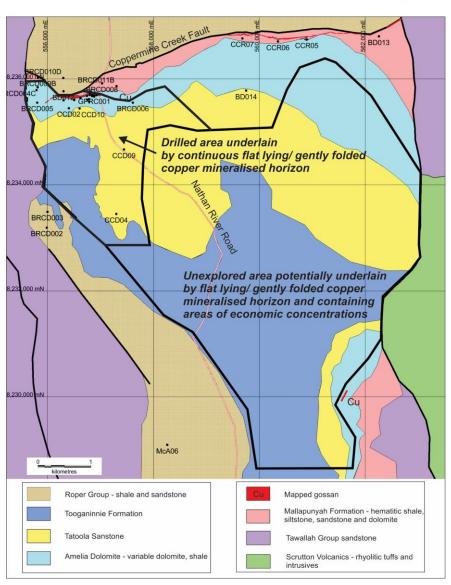
- Thick continuous stratabound copper mineralised horizon, outcrop and drill intersected over an area of 1.5 x 3km, open 6km to the south and unexplored
- Next round of drilling aimed at identifying economic concentrations of copper mineralisation within this horizon and will focus on major structures within the sub-basin - analogies with Mount Isa copper deposit.
- Copper mineralisation is shallow intersection depths 50 to 250m, within gently dipping stratigraphy
- Intersections to date<sup>1</sup> include:

**GPRC07 – 15m of 1.9% Cu (Carrington Mines Ltd)** 

CCD03 - 5m of 2.5% Cu (Pacifico)

**CCR08** – 23m of 0.7% Cu (Pacifico)

 Geological mapping and reconnaissance geochemistry underway to identify mineralised areas and prioritise drill targets for 2018

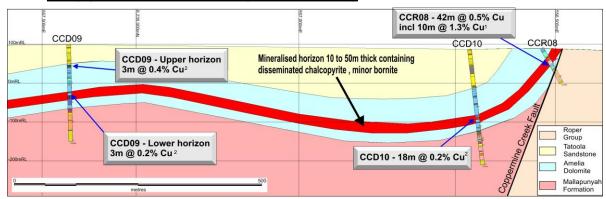


Geological map with possible extent of copper mineralised horizon

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



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



Section through drill holes CCD09, CCD10 and CCR08, showing projected stratabound copper mineralised horizon

<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 <sup>2</sup>See ASX Announcement 17 October 2017 – Table 1

Drill core CCD03

– semi-massive
chalcopyrite
bands.



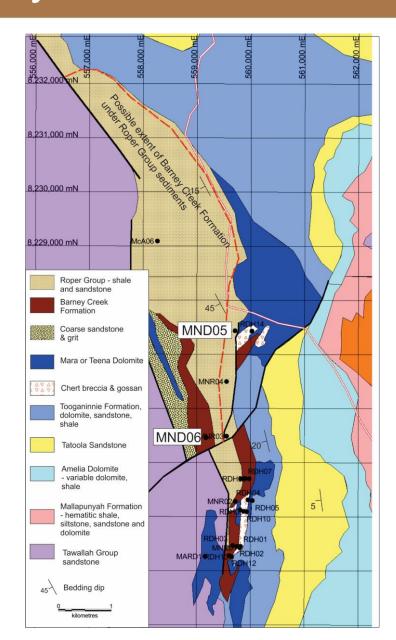
Drill core CCD02, mimeralised evaporite horizon, disseminated chalcopyrite. Visible ex-gypsum crystals of evaporite horizon





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

- Barney Creek Formation intersected in MND06 as part of a 2 hole diamond drill program completed in 2017 by Pacifico <sup>1</sup>
- Significant McArthur River SHMS pathfinder trace elements (TI, Sb, Ag, Zn) in black shale in RC hole MNR04
- Potential, and space, for a SHMS zinc-lead deposit lies to the NW of the Mariner Prospect in the Barney Creek Formation, beneath Roper Group sediments
- Surface mapping and sampling to be completed by December to develop diamond drill targets for early 2018.

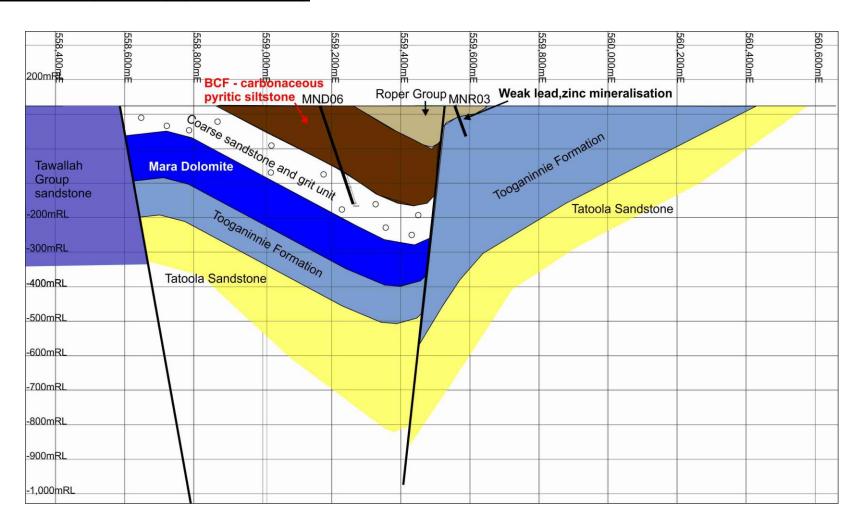


Mariner – geology, showing possible extent of prospective Barney Creek Formation and previous percussion, diamond and RC drilling, Pacifico diamond drill collars in 2017 (MND05 and MND06)

<sup>&</sup>lt;sup>1</sup> See ASX Announcement 17 October 2017



### Mariner (Zn-Pb) (continued)



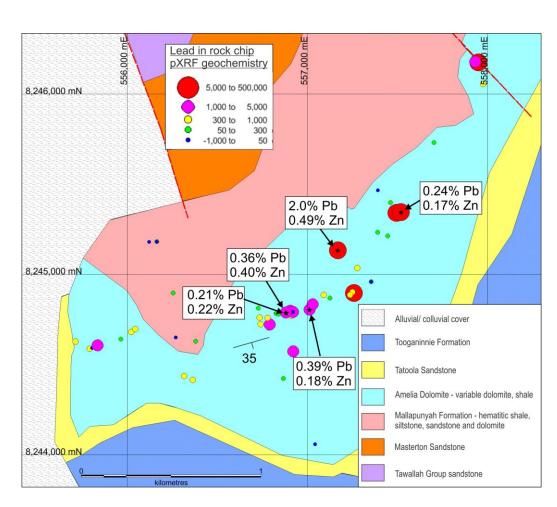
Diamond hole MND06, intersection of Barney Creek Formation (BCF)



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

Lies within ELA 31354 -100% Pacifico Exploration licence application

- Gossanous breccia, 600m strike, rock chips up to 0.49% Zn and 2.0% Pb from recent exploration – significant values from highly weathered leached terrane<sup>1</sup>
- Stratabound, in Amelia Dolomite black shales and dolomitic siltstones, could continue along strike under cover, dips about 35deg south
- Association of mineralisation with exevaporite horizons, indicating same stratigraphic position as at Coppermine Creek
- RC drilling planned subject to licence granting.
- Licence expected to be granted Q4 2017



Limestone Creek - Geology and lead, zinc geochemistry

<sup>&</sup>lt;sup>1</sup> See ASX Announcement 30 October 2017

## 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
- Majors now operating in Colombia include Anglogold Ashanti, Anglo American, BHP and Glencore
- Andean mountain chain is host to numerous and diverse metal deposits and is underexplored in Colombia
- Favourable mining royalties (3.2%) and corporate tax rate (25%)



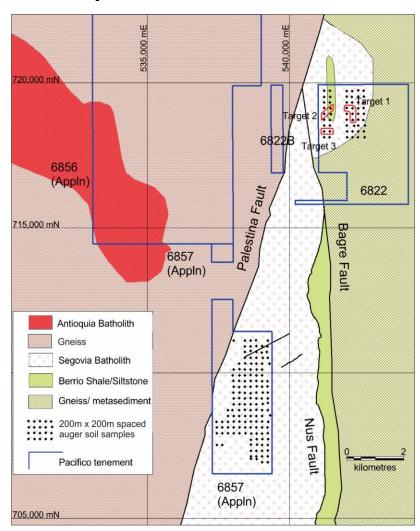
Major Andean porphyry copper deposits & mines (contained metal)

# **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
- Gold analyses received from auger soil sampling 200 x 200m grids have delineated several anomalies over area of 1.2km x 1.0km<sup>1</sup>
- Sampling grids covered areas of the Segovia Batholith and adjoining Berrio Sediments prospective for large gold systems in vein and stockwork systems
- Follow up soil sampling with a grid spacing of 100 x 100m is planned to be completed by late December.



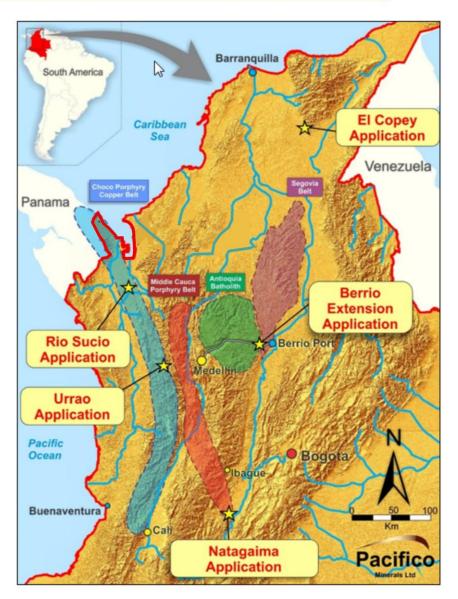
Geology and granted tenement 6822 and tenement applications 6856 and 6857 (all 100% Pacifico)

<sup>&</sup>lt;sup>1</sup> See ASX Announcement 24 October 2017

# Pipeline of Quality Projects (Colombia)



- Pacifico's position in Colombia over the last six 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 project evaluations are continuing.



**Tenement Application Locations** 

# NATAGAIMA Prospect (Colombia)

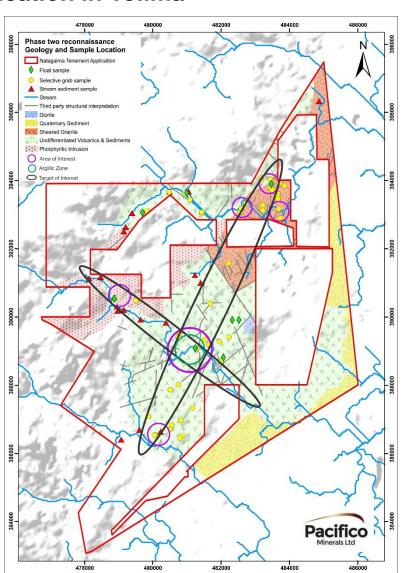


### **Cu-Au-Ag Tenement application in Tolima**

### **Project overview**

- Application ("first right") lodged for the Natagaima project
- Located within the Middle Cauca Porphyry Belt.
- Two mineralised and intersecting trends identified are prospective for precious and base metals.
- Prospectivity for epithermal and porphyry style mineralisation
- Mapping, outcrop sampling and project wide stream sediment sampling generated very encouraging geochemical anomalies.
- Selective grab sampling<sup>1</sup> obtained grades up to:
  - 8.4g/t Au, 1,395g/t Ag
  - 6.2% Cu
  - 9.3% Pb and 1.1% Zn
- Planned programs for follow-up exploration include detailed mapping, trenching & channel sampling of gold bearing quartz veins, mag and IP survey

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



Tenement geology and sampling coverage

## **Near Term Investment Catalysts**



### **Australia**

- Geological mapping and geochemical sampling at Coppermine and Mariner Prospects, December 2017, to define targets for major copper and zinc-lead mineralisation.
- Aircore drilling to get underway as soon as weather permits at Lorella to test for extensions of oxide copper mineralisation, and indications of down-dip primary copper mineralisation.
- Granting<sup>1</sup> of a new highly prospective 100% owned exploration licence containing Limestone Creek prospect expected Q4 2017 (ELA31354)
- Diamond and RC drilling to commence April 2018 Lorella oxide copper, primary copper
  - Coppermine Creek primary copper
  - Mariner zinc-lead

#### Colombia

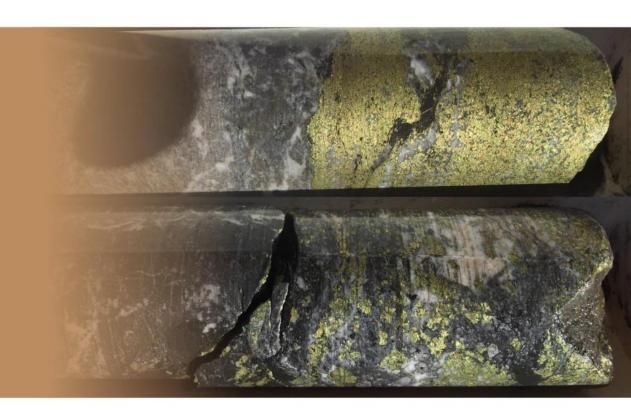
- Infill soil sampling in November at Berrio gold project, results in December.
- Granting of exploration licence at the Natagaima project 2018

Pacifico continues to review new opportunities both in Australia and overseas that have the potential to create significant value for shareholders.

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



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