- + Discovery
- + Resource Definition
- + Value Capture

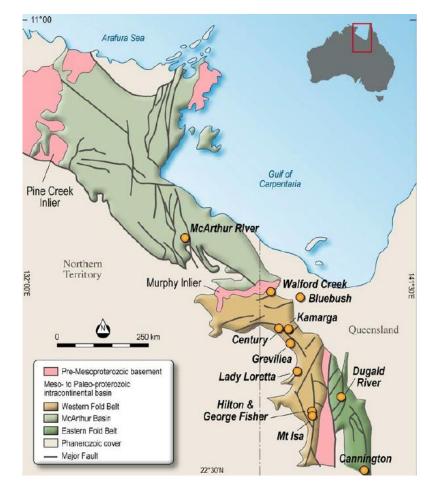
PURSUIT

Annual General Meeting, 2017 Operational and Project Review

pursuitminerals.com.au

#### Mt Isa Super Basin – Worlds Premier Base Metal Province

- Mt Isa Super Basin is the world's greatest base metal province:
  - Six major zinc-lead SEDEX deposits
  - World class copper deposits
  - World class BHT deposit
- Close proximity to the recently closed Century Mine in an area of excellent mining-associated infrastructure
- Best global address for exploring for super-giant zinc deposits





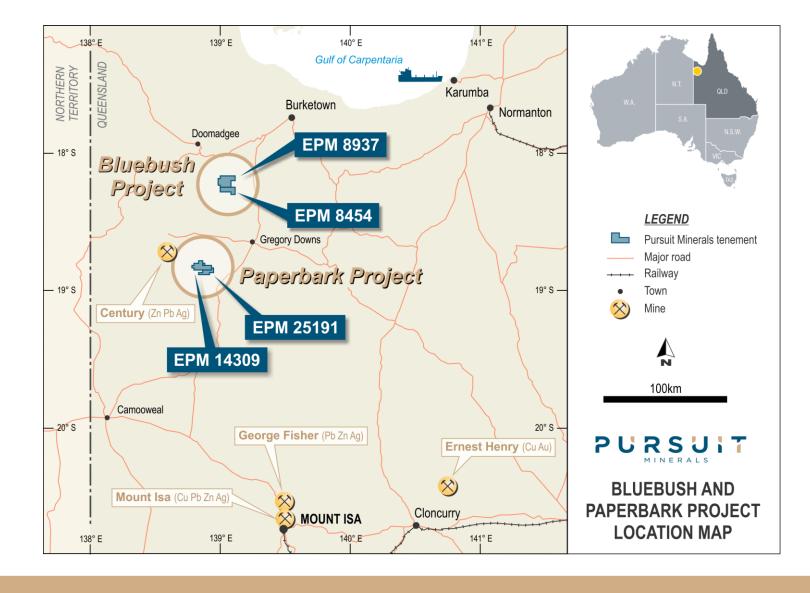
# Project Portfolio

#### Location

- Paperbark 25km SE of Century Mine
- Bluebush 72km NE of Century
  Mine

#### **Regional Infrastructure**

- Road access
- Power line
- Concentrate pipeline to the coast



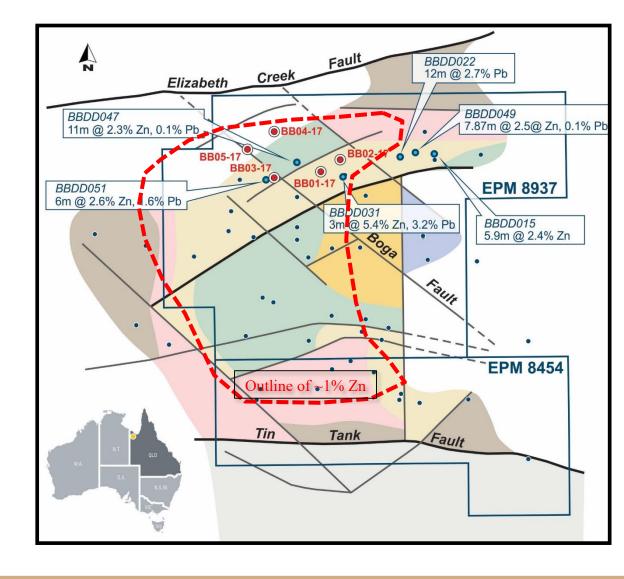


# Bluebush Zinc – Lead Project

- The largest sediment hosted deposit in the Mt Isa Province, with >120km² of greater than 1% Zn, within a second order sedimentary sub-basin
- Abundant space to locate high-grade SEDEX style zinc deposit similar to McArthur River, Teena or Century

#### **2017 Drill Program Objective**

- Test 4-5 third order sub-basins for enhanced grade SEDEX style zinc (i.e. 3-4 times the general background 1% zinc)
- Define area for following up drilling in 2018 with the objective of intersecting economic grades and widths of zinc



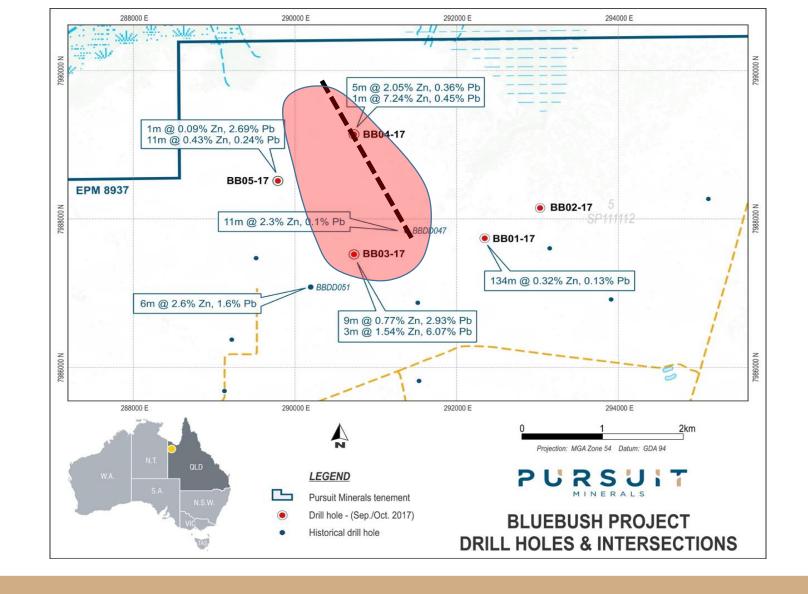


# Bluebush Zinc: 2017 Drilling Results\*

- 5 holes drilled for 1482m, testing five third order sub-basins
- Sub-Basin between BB03-17 and BB04-17 has characteristics suggestive of globally significant zinc system
- Drilling in 2017 narrowed the area of interest from 10km x 12km down to 2km x 3km



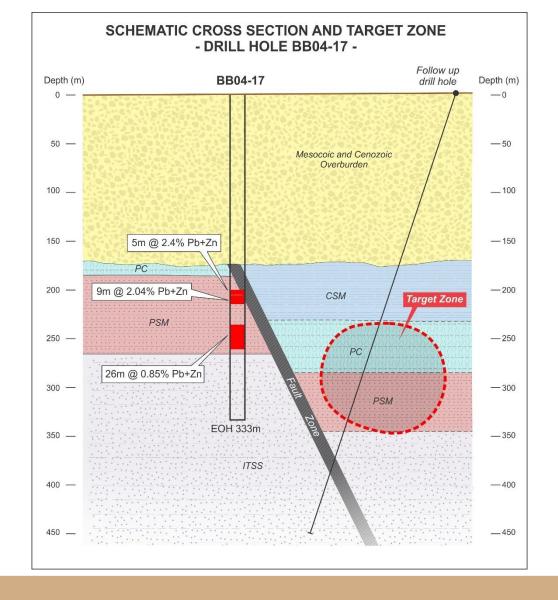
<sup>\*</sup> See ASX Announcements, 10 Oct 2017, 12 Oct 2017, 18 Oct 2017





#### Bluebush Zinc – BB04-17

- Drill hole BB04-17 Intersected a zinc mineralised brecciated fault zone
  - > 5m @ 2.41% Pb+Zn\*
  - > 1m @ 7.69% Pb+Zn\*
  - > 9m @ 2.04% Pb+Zn\*
- Mineralisation in BB04-17 may represent "fault leakage" from a zinc deposit at depth as occurs at Teena, Century, McArthur River
- Possible mineralised fault in BB04-17 is only several hundreds of metres away from an area of significantly enhanced grade zinc mineralisation
- Follow up drilling planned (see diagram on right)





<sup>\*</sup> See ASX Announcement 18 Oct 2017

### Bluebush Zinc: 2018 Drilling Program

#### **Objective**

- Intersect economic widths and grades of Zn+Pb SEDEX style mineralisation zinc (10-15m @ 10-15% Zn+Pb) within the defined target area between, and in close proximity to, drill holes BB03-17 and BB04-17
- Drill test 5-6 follow up targets for 1,500 2,000m of drilling



Fault controlled Zn and Pb mineralisation in hole BB04-17, down hole depth 234m\*

\* See ASX Announcement, 5 Oct 2017



#### **Objectives of 2017 Drilling Program**

- Test southern section of JB Zone (JORC inferred mineral resource of 10Mt @ 3% Pb+Zn\*), obtain samples for DMS test work, investigate copper zone beneath JB Resource
- Test Grunter North (>900m of >1% Cu at surface)
- Determine source of strongest zinc anomalies on the project at the JE Zone Prospect
- Test down dip extension of outcropping lead and zinc mineralisation (37% Pb, 13% Zn at surface) at the Stonemouse Prospect

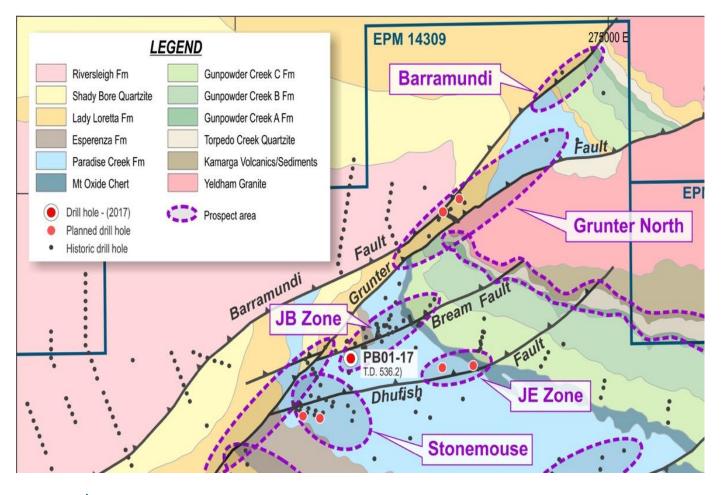


**EPM 14309** LEGEND Riversleigh Fm Gunpowder Creek C Fm **Barramundi** Shady Bore Quartzite Gunpowder Creek B Fm Gunpowder Creek A Fm Lady Loretta Fm Esperenza Fm Torpedo Creek Quartzite Fault Kamarga Volcanics/Sediments Mt Oxide Chert Yeldham Granite **EPM 25191** 7920000 N Planned Drill Hole - 2017 Prospect area **Grunter North** Historic drill Hole Sandstone JB Zone **JE Zone Stonemouse Grunter South** Fox Tasman PAPERBARK PROJECT **Devils Gossan GEOLOGY, DRILLING** AND PROSPECTS 7915000 N - 7915000 N Mt Panorama **EPM 25191 Black Hills** 2km 275000 E 270000 E

<sup>\*</sup> Refer to ASX Announcement by Pursuit Minerals Ltd, 24th April, 2017

#### JB Zone Prospect – Lead-Zinc Deposit

- 10Mt @ 3% Pb+Zn\*
- Drill Hole PB01-17 intersected\*\*:
  - o 1m @ 16.64% Zn+Pb
  - o 13m @ 3.57% Zn+Pb
  - 3m @ 5.4% Zn+Pb
  - o 68m @ 1.44% Zn+Pb
- JB Zone mineralisation sent for Dense Media Separation (DMS) Test Work
- Previous DMS showed head feed grade could be increased from 3% Zn+Pb to >10% Zn+Pb
- DMS has the ability to fundamentally change the economics of the JB Zone Mineral Resource



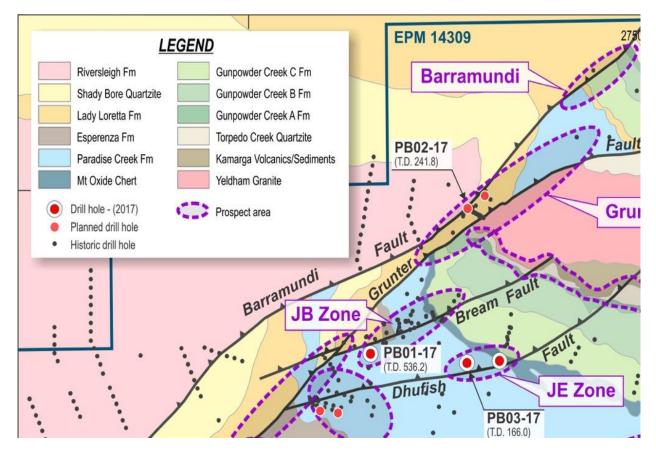
<sup>\*</sup> Refer to ASX Announcement by Pursuit Minerals Ltd, 24th April, 2017



<sup>\*\*</sup> Refer to ASX Announcement by Pursuit Minerals Ltd, 29 November, 2017

#### **JE Zone Prospect**

- Highest amplitude zinc and lead soil geochemical anomalies on the entire project
- Discovery of new zinc-lead sulphide zone\*
- Drill Hole PB03-17 intersected indications of zinc and lead mineralisation from 116m until the end of hole at 166m
- Rocks are strongly oxidised and weathered as occurs over the JB Zone Mineral Resource
- Zinc and lead will have been removed from the rocks due to intense weathering
- Follow up drilling required to intersect the zinc and lead mineralisation below the depth of weathering
- Assays awaited

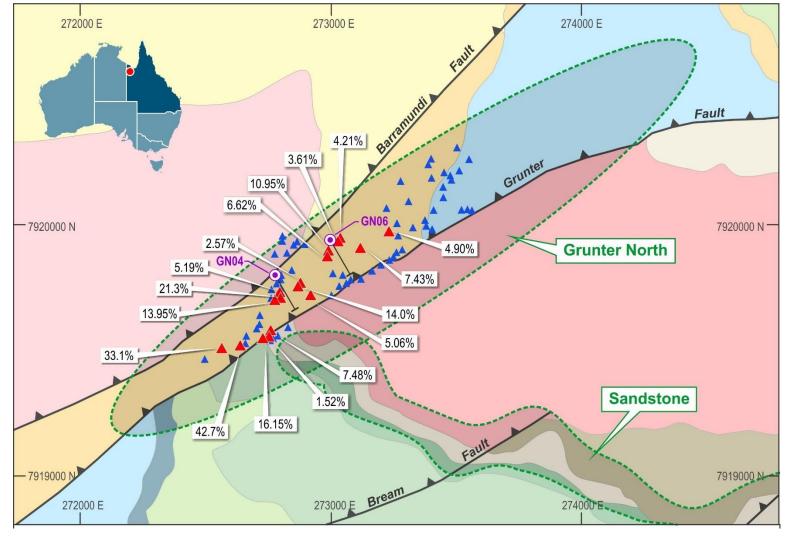


\* Refer to ASX Announcement by Pursuit Minerals Ltd, 17 November, 2017



#### Grunter North Copper Zone

- 7km long anomalous copper zone, which is currently untested\*
- Similar structural setting to Gunpowder copper deposit
- 900m zone of >1% Cu at surface
- Copper oxide and copper sulphide potential
- One drill hole completed
- Results awaited

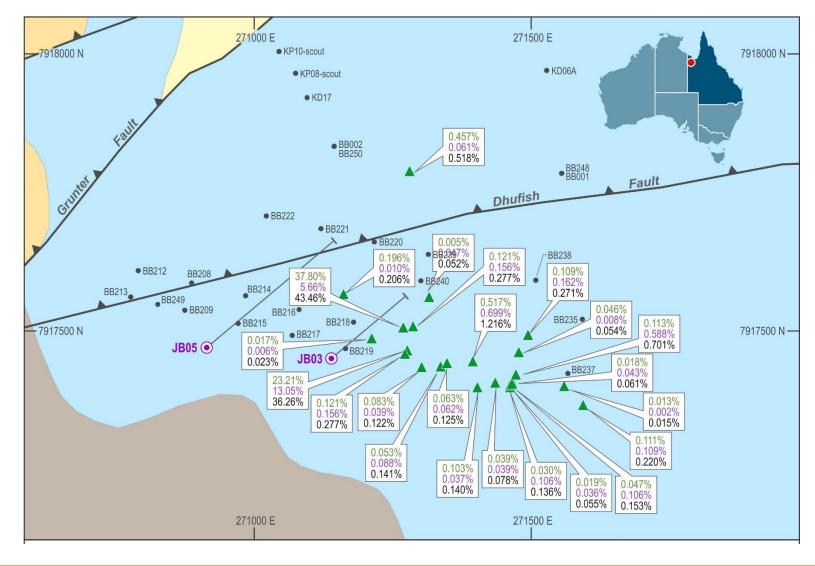


<sup>\*</sup> Refer to ASX Announcement by Pursuit Minerals Ltd, 30<sup>th</sup> Aug, 2017



#### Stonemouse Prospect

- +500m zone of lead and zinc at surface\*
- Exceptional grades at surface
  - 37.8% Pb & 5.66% Zn\*
  - 23.2% Pb & 13.05% Zn\*
- Historical drilling to the west and north did not test main mineralised zone
- One drill hole completed
- Results waited



<sup>\*</sup> Refer to ASX Announcement by Pursuit Minerals Ltd, 29th Oct, 2017



### Summary

#### **Bluebush Project**

- Drilling located an area of enhanced grade SEDEX style zinc in the NW quadrant of the project between drill holes BB03-17 and BB04-17
- Assay and geological data suggests a major accumulation of SEDEX style zinc could be in close proximity to, or between drill holes BB03-17 and BB04-17
- Follow up drilling in 2018 will test 5-6 targets within an area of 2km x 3km with the objective of intersecting economic widths and grades of zinc mineralisation

#### **Paperbark Project**

- High grade zinc of 16.6% Zn+Pb was intersected at the JB Zone
- 68m of Zn+Pb mineralisation from the JB Zone has been sent for Dense Media Separation testing with the objective of confirming that head grade into a processing plant can be increased from 3% Zn+Pb to >10% Zn+Pn fundamentally changing the economics of the JB Zone Mineral Resource
- If DMS testing is successful, drilling to extend the JB Zone Mineral Resource to the north and east, at shallow depth, will be conducted in 2018
- A new zinc system was discovered at the JE Zone and follow up drilling will be conducted in 2018



### Competent Persons Statement

- Statements contained in this announcement relating to exploration results are based on, and fairly represents, information and supporting documentation prepared by Mr. Jeremy Read, who is a member of the Australian Institute of Mining & Metallurgy (AusIMM), Member No 224610. Mr. Read is a full time employee of the Company and has sufficient relevant experience in relation to the mineralisation styles being reported on to qualify as a Competent Person as defined in the Australian Code for Reporting of Identified Mineral Resources and Ore Reserves (JORC) Code 2012. Mr Read consents to the use of this information in this announcement in the form and context in which it appears.
- The data in this announcement that relates to the Mineral Resource for the JB Prospect is based on, and fairly represents, information and supporting documentation prepared by Mr Simon Tear, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM), Member No 202841 and who has sufficient experience relevant to the style of mineralisation and the type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC) Code 2012. Mr Tear is a director of H&S Consultants Pty Ltd and he consents to the inclusion of the estimates of the Mineral Resource for the JB Prospect Resource in this announcement in the form and context in which it appears.

# Mineral Resources and Exploration Results

• The mineral resources and exploration results referred to in this presentation (unless otherwise stated in this presentation) were first reported in the Company's ASX announcement that is cited for each mineral resource or exploration result referred to in this presentation (Previous Announcements). The Company confirms that it is not aware of any new information or data that materially affects the information included in the Previous Announcements and that all material assumptions and technical parameters underpinning the estimates and results in the Previous Announcements continue to apply and have not materially changed.



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