

# Creating Value through Major Discovery

MD Presentation Sydney RIU Resources Round-up May 2018

ASX: AME www.altometals.com.au

# Disclaimer & Competent Persons Statement AltoMetals

#### **Disclaimer Notice**

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#### **Forward Looking Statements**

Statements contained in this material, particularly those regarding possible or assumed future performance, costs, dividends, production levels or rates, prices, resources, reserves or potential growth of Alto Metals, industry growth or other trend projections are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward looking statements depending on a variety of factors.

#### **Competent Persons' Statement**

The information in this Report that relates to Exploration Targets and Alto Metals Ltd's Exploration Results is based on information compiled by Mr Dermot Ryan, who is an employee of Xserv Pty Ltd and a Director and security holder of the Company. Mr Ryan is a Fellow of the Australasian Institute of Mining and Metallurgy and a Fellow of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Ryan consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

Mineral Resource estimates for Lord Nelson and Lord Henry contained in this presentation were estimated in 2016/17 by Snowden Mining Industry Consultants and are reported pursuant to the 2012 Edition of the JORC Code.

All historic exploration results and mineral resources referred to in this Report were previously reported by Troy Resources NL pursuant to 2004 Edition of the JORC Code, and are based on information reported in the 2011 Troy Resources Limited Annual Report (TRY:ASX release 21 October 2011) and the Snowden Mining Industry Consultants, June 2007, National Instrument 43-101 Technical Report-Sandstone (TRY: ASX release 10 December 2007) which also details drilling and sampling methods, quality control and analytical methods. The Company is not aware of any new information or data that materially affects the information provided in the 2011 Troy Resources Annual Report and the Snowden Mining Industry Consultants 2007 Report, and considers that all of the previous assumptions and technical parameters underpinning the estimates and drill results in the previous announcements have not materially changed.

The resource estimates reported by Troy are consistent with the 2004 JORC Code guidelines and are not reported in accordance with the JORC 2012 Code and a Competent Person has not completed sufficient work to accurately classify the 2004 estimates as Mineral Resources under the JORC 2012 Code. Indeed it is uncertain if, following further exploration, the 2004 estimates will be able to be reported as Mineral Resources in accordance with the JORC 2012 Code. The Company is in the process of upgrading the historical published Mineral Resources to JORC 2012 as a matter of priority. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the conversion of Inferred Mineral Resources to Indicated Mineral Resources.

### **Board of Directors**





Terry Streeter Chairman Appointed 2018

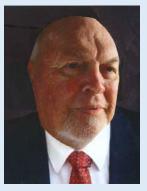
Mr Streeter has extensive experience in listing, funding and managing junior explorers and has served in various roles in the nickel industry for over 30 years.

He was a Director of West Australian nickel miner Jubilee Mines NL and a founding shareholder and Chairman of Western Areas NL which discovered and developed two high-grade nickel sulphide mines, at Flying Fox and Spotted Quoll, in the Forrestania region of Western Australia.



Dermot Ryan Managing Director CEO Appointed 2013

Mr Ryan is a geologist with 40 years experience. Following 20 years with CRA Ltd including 10 years as Geologist Chief CRA various Exploration in Australian states. he was appointed GM Exploration Great Central Mines Ltd and Johnsons Well Mining NI and was closely involved in the discovery of the Jundee Deeps and Rosemont gold deposits. Since 2001 he has been involved in consulting to and managing several private and ASX listed exploration companies.



Terry Wheeler Non-Executive Director Appointed 2016

Mr Wheeler is a chemist and joined Western Mining Corporation in 1967, where he became Chief Chemist of the Kambalda Nickel Operation in the Eastern Goldfields.

He formed Genalysis Laboratory Services in 1975, and grew the company into one of the largest and most successful analytical companies in the southern hemisphere with over 300 technical staff. In 2007 Genalysis was sold to Intertek Group plc.



Dr Jingbin Wang Non-Executive Director Appointed 2016

Dr Wang has a B.Sc in Mineral Prospecting and Exploration from Central-South University of Technology Changsha, China and an MSc and PhD in magmatic petrology and economic geology from the same university.

He has been Chairman since 2004 of Sinotech Minerals Exploration Co. Ltd and President of the Beijing Institute of Geology for Mineral Resources since 2002.



Stephen Stone Non-Executive Director Appointed 2016

Mr Stone has an honours degree in Mining Geology from University of Wales, Cardiff and has more than 30 years' international mining and exploration industry.

Mr Stone worked for several years at open pit and underground copper mines in the Zambian Copperbelt. Since 1986 he has been involved in the formation and management of several junior ASX listed exploration companies.

# **Company Overview**



- 100% of Sandstone Gold Project
- 820Km<sup>2</sup> of Archaean Greenstone Belt
- 1.3Moz gold produced up to 2010
- "minerals system approach" to discovery, not "drill and hope"
- Alto's early drill success highlights potential for +Moz gold deposits
- Cash \$1.77M at 31 March 2018
- Established Mineral Resources (JORC2012/04)
   4.4Mt @ 1.85g/t Au for 262,000oz
- Active explorer with focus on drilling
- PLUS Experienced Board & Management

| Shares on Issue               | 185.5M   |
|-------------------------------|----------|
| Performance Rights on Issue   | 7.3M     |
| Market Capitalisation (4 May) | ~\$11.1M |
| Cash at 31 March 2018         | ~\$1.77M |

#### Top 10 Holders 96.4M Shares 51.4%

| Rank | Name   | Units      | %      |
|------|--|------------|--------|
| 1    | WINDSONG VALLEY PTY LTD                            | 31,055,198 | 16.75% |
| 2    | SINOTECH (HONG KONG)<br>CORPORATION LIMITED        | 15,900,000 | 8.57%  |
| 3    | ENTERPRISE METALS LTD                              | 12,000,000 | 6.47%  |
| 4    | MR STEPHEN STONE                                   | 8,787,500  | 4.74%  |
| 5    | CROWNLUXE INVESTMENT<br>LTD                        | 7,500,000  | 4.04%  |
| 6    | MR DERMOT MICHAEL RYAN & MRS VIVIENNE ELEANOR RYAN | 6,590,141  | 3.55%  |
| 7    | AJAVA HOLDINGS PTY LTD                             | 4,000,000  | 2.16%  |
| 8    | MR BRUCE ROBERT<br>LEGENDRE                        | 3,548,500  | 1.91%  |
| 9    | PETER ERMAN PTY LIMITED                            | 3,000,000  | 1.62%  |
| 10   | OSSART HOLDINGS PTY LTD                            | 3,000,000  | 1.62%  |

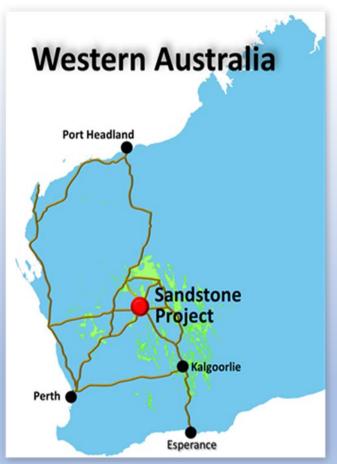
## Sandstone, in a 60Moz gold camp





#### Sandstone: 1.3Moz Au mined

"and a lot more to be found...."



Jundee, Agnew, Gwalia: Drilling to +1,000m depth

## **Vision & Strategy**



#### VISION

Discover GOLD resources & reserves to support profitable mining operations at Sandstone

### **STRATEGY**

- Short term, delineate 1 million ounces of gold in shallow deposits (Vanguard, Indomitable and others that can be economically mined, leading to sustainable exploration-driven growth.
- Medium to longer term, discover 5 million ounces in high-grade gold deposits, which will serve as the foundation of major mining operations.



### History - High Grade Goldfield



#### • <u>1894 - 1920</u>

Hacks u/g: 206Koz @ **24.0** g/t Au Oroya u/g: 223Koz @ **16.5** g/t Au Bull Oak u/g: 40Koz @ **28.9** g/t Au

#### • <u>1999 - 2010 Troy Resources</u>

 Bulchina:
 250Koz @ 3.4 g/t Au

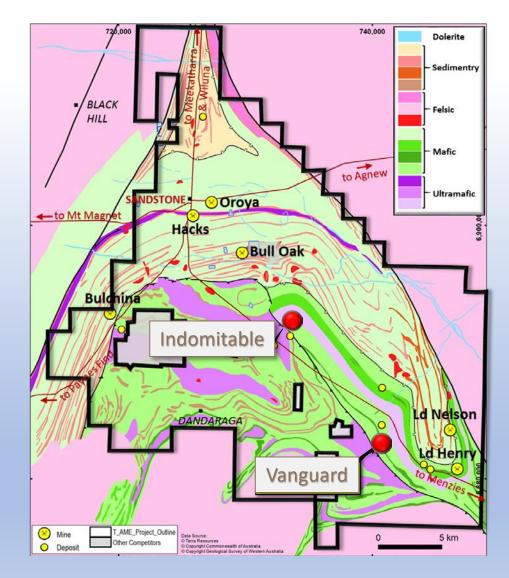
 Lord Nelson:
 207Koz @ 4.6 g/t Au

 Lord Henry:
 48Koz @ 3.6 g/t Au

Small oxide plant drove previous exploration strategy 1999-2010 Eg: Average RC hole: 41 metres Average RAB/AC: 36 metres

• <u>2017 - Alto Metals</u>

Minerals system approach to exploration for Moz deposits

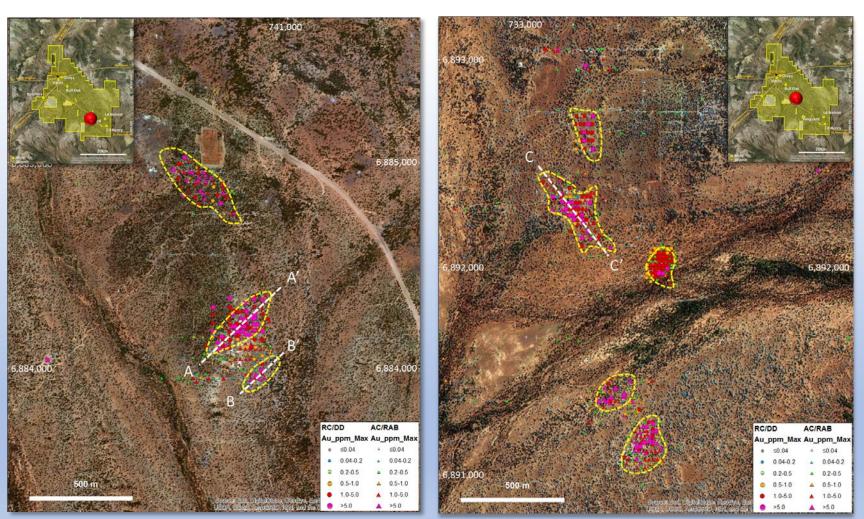


### Early drilling success



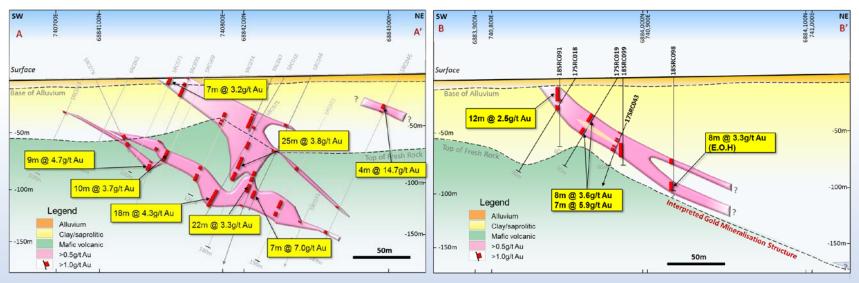
#### VANGUARD CENTRE

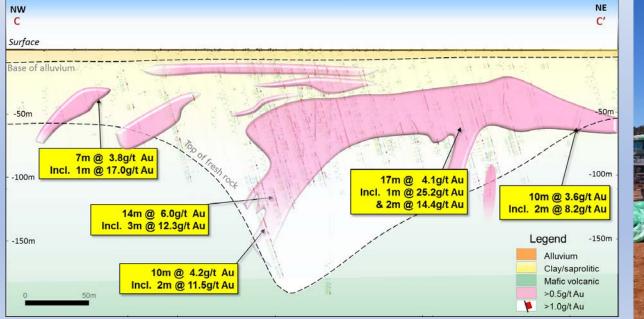
### **INDOMITABLE CENTRE**



### Early drilling success





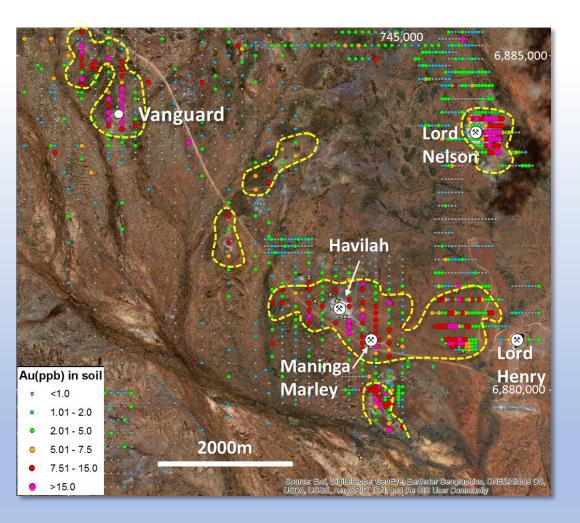




### Potential for large gold systems



- Soil sampling define targets
   for AC drill testing at
   Vanguard & Maninga Marley
- Shallow cover surrounding known gold mineralizationuntested by drilling
- AC drilling planned for May
- Further soil sampling
   underway to extend
   anomalous gold zones

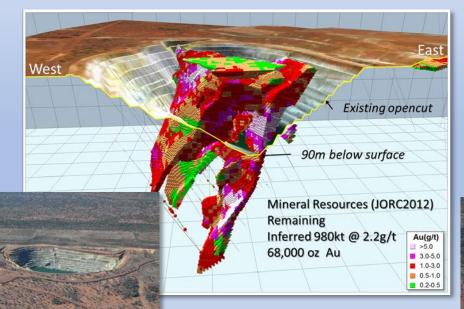


### Alto's approach to Sandstone

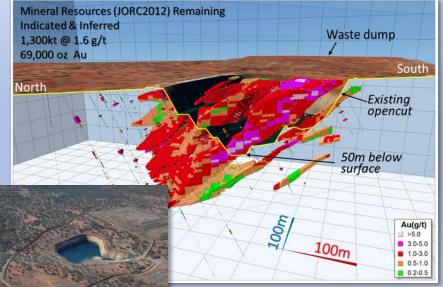
# **Alto**Metals

*«the oxide gold deposits are the geochemical anomalies that lead to the discovery of the million ounce deposits at depth...... "* 

### Lord Nelson



### Lord Henry



### **Investment Case**



- > 100% of Sandstone Gold Project in Western Australia
- **820km<sup>2</sup>** of under-explored Sandstone Greenstone Belt
- > 185.5m shares on issue (May 2018)
- > A "minerals system approach" to discovery, not "drill and hope"
- Potential for + million oz gold deposits (oxide & primary minz.)
- Commitment to staged AC and RC drilling programs ("PDCA")
- Cash \$1.77M at 31 March 2018
- Established Resources:

2.33Mt @ 1.8g/t Au for 137,000oz (JORC 2012 Resources)

+ 2.08Mt @ 1.9g/t Au for 125,000oz (JORC 2004 Resources

### Sandstone Town



### **Communication & Infrastructure**

- Shire population ~200
- 600kms north of Perth
- Pastoral region, sheep, cattle
- Gravel daytime airstrip
- Mobile phone coverage
- Grid power, potable water







### **Appendix - Alto's Mineral Resources**



| Sandstone Mineral Resources JORC (2012) |           |               |       |     |  |  |  |
|---|-----------|---------------|-------|-----|--|--|--|
| Prospect                                | Category  | Kt            | Grade | KOz |  |  |  |
| Lord Nelson                             | Inferred  | 983           | 2.2   | 68  |  |  |  |
| Lord Henry                              | Indicated | 1,238         | 1.6   | 65  |  |  |  |
|   | Inferred  | 110           | 1.3   | 4   |  |  |  |
| Lord Henry Total                        |           | 1,348         | 1.6   | 69  |  |  |  |
| TOTAL (JORC 2012)                       |           | <b>2</b> ,331 | 1.8   | 137 |  |  |  |

| Sandstone Mineral Resources JORC (2004)* |           |       |       |             |  |  |  |
|--|-----------|-------|-------|-------------|--|--|--|
| Prospect                                 | Category  | Kt    | Grade | KOz         |  |  |  |
| Havilah                                  | Indicated | 285   | 1.7   | 15.5        |  |  |  |
|  | Inferred  | 41    | 2.1   | 2.8         |  |  |  |
| Bull Oak Reefs                           | Inferred  | 390   | 1.5   | <u>18.8</u> |  |  |  |
| Vanguard                                 | Inferred  | 330   | 1.6   | 16.7        |  |  |  |
| Ladybird                                 | Indicated | 118   | 2.5   | 9.6         |  |  |  |
|  | Inferred  | 40    | 2.1   | 2.7         |  |  |  |
| Maninga Marley                           | Inferred  | 80    | 3.1   | 8.0         |  |  |  |
| Sandstone North                          | Inferred  | 77    | 2.0   | 4.9         |  |  |  |
| Oroya Underground                        | Inferred  | 63    | 5.3   | 10.7        |  |  |  |
| Tigermoth                                | Inferred  | 561   | 1.7   | 31.2        |  |  |  |
| Piper                                    | Indicated | 91    | 1.4   | 4.0         |  |  |  |
| TOTAL (JORC 2004)                        |           | 2,076 | 1.9   | 125         |  |  |  |
|  |           |       |       |             |  |  |  |
| Total Indicated                          |           | 494   | 1.8   | 29          |  |  |  |
| Total Inferred                           |           | 1,582 | 1.9   | 96          |  |  |  |
| TOTAL (JORC 2004)                        |           | 2,076 | 1.9   | 125         |  |  |  |

"Potential to substantially increase oxide and hard rock resources at all deposits..."

\* Previously Reported by Troy Resources NL

A Competent Person has not completed sufficient work to accurately classify the JORC 2004 estimates as Mineral Resources under the JORC 2012 Code