

# Sandstone Gold Project, Western Australia

# Further new high-grade results of up to 97 g/t gold from ongoing extensional drilling at Indomitable

20m @ 6.9 g/t gold from 35m, incl. 1m @ 97.8 g/t gold from 38m Step out drilling continues to extend gold mineralisation outside the resource

# **Highlights**

- Multiple shallow high-grade gold intercepts in oxide confirmed outside the current resource at Indomitable Camp
- Ongoing RC drilling at Indomitable Camp, continues to return significant gold results including:
  - 20m @ 6.9 g/t gold from 35m, incl. 1m @ 97.8 g/t gold from 38m (SRC674) 0
  - 10m @ 3.2 g/t gold from 69m, incl. 2m @ 11.3 g/t gold from 72m (SRC687) 0
  - 0 10m @ 2.8 g/t gold from 27m, incl. 1m @ 19.5 g/t gold from 34m (SRC664)
  - 10m @ 1.1 g/t gold from 8m and 0 4m @ 9.1 g/t gold from 83m, incl. 1m @ 27.1 g/t gold from 84m (SRC665)
  - 10m @ 1.8 g/t gold from 90m, incl. 1m @ 6.5 g/t gold from 96m (SRC691) 0
  - 12m @ 1.2 g/t gold from 51m, incl. 1m @ 6.3 g/t gold from 57m (SRC668) 0
  - 6m @ 1.8 g/t gold from 12m, incl. 1m @ 5.0 g/t gold from 15m (SRC688) 0
  - 4m @ 3.5 g/t gold from 146m, incl. 2m @ 6.5 g/t gold from 146m (SRC667) 0
  - 4m @ 3.9 g/t gold from 160m, incl. 1m @ 12.2 g/t gold from 160m (SRC690) 0
  - 11m @ 2.1 g/t gold from 147m, incl. 1m @ 10.1 g/t gold from 155m (SRC692) 0
- Step-out drilling continues to extend gold mineralisation outside the resource and remains open in all directions.
- Indomitable Camp is a large and under-explored mineralised system, currently defined over a +2km strike length and is hosted within a +20km long gold corridor.
- Assays are currently pending from +7,000m of RC drilling completed at Indomitable East.
- RC drilling is currently underway at the Musketeer prospect, within the Indomitable Camp.
- Regional targeting work over the Sandstone Gold Project, outside of the Alpha Domain, is progressing well.

Alto's Managing Director, Matthew Bowles said:

These new results from our ongoing drill program at Indomitable have again delivered multiple, shallow high-grade gold results in oxide, outside the current resource, with SRC674 a particular a standout result of 20m @ 6.9 g/t gold from just 35m depth.

Shareholders can look forward to further results in the near term following the recently completed first pass drilling over the Indomitable East prospect and we have now moved the rig to the exciting Musketeer target.

Indomitable is consistently delivering shallow, high-grade gold results and we are looking forward to incorporating all of these results into the updated mineral resource estimate planned for the end of the year.

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**Issued Shares:** Share Price: \$0.067 Market Capitalisation: \$37m in

535m

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ASX: AME

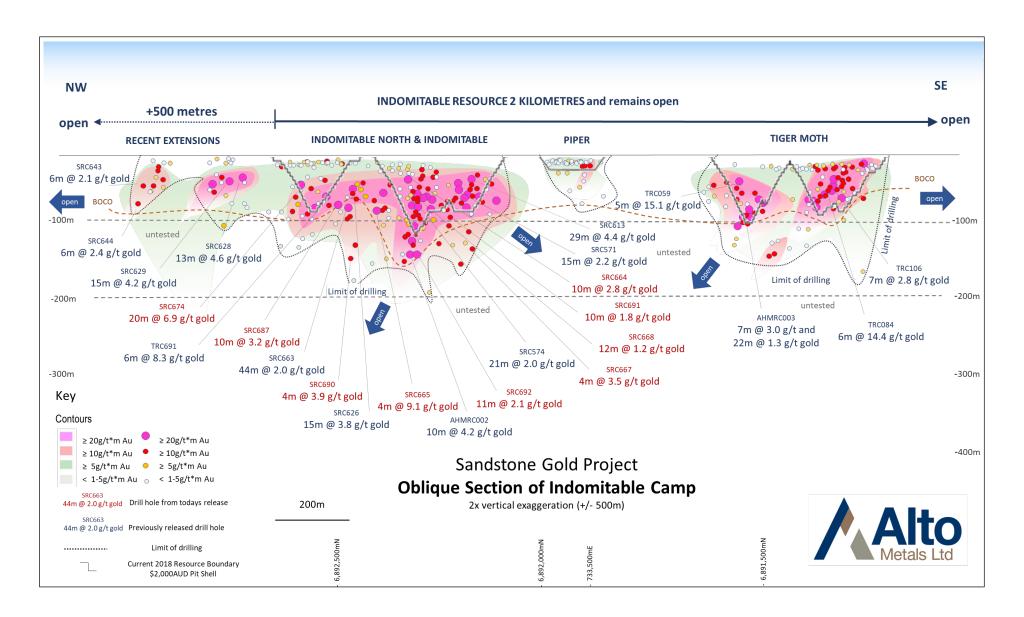


Figure 1: Oblique section of Indomitable Camp showing g/t\*m drill results



## Further high-grade gold results continue to extend gold mineralisation outside the current Indomitable resource

**Alto Metals Limited** (ASX: AME) (Alto or the Company) is pleased to report further excellent high-grade gold results from ongoing drilling at the Indomitable Camp, within the Company's 100% owned, Sandstone Gold Project, in Western Australia.

Mineralisation at the Indomitable Camp is hosted within a package of mafic-ultramafic rocks, cross-cut by interpreted major structures, with higher-grade gold mineralisation typically observed where the structures intersect the stratigraphy. Ongoing RC drilling at Indomitable and Indomitable North is targeting extensions of known mineralisation outside the current resources along the same major cross-cutting structures, for inclusion in an updated mineral resource estimate. Drilling is currently focused along the +2 kilometre NW/SE trend, with recently announced results extending the trend a further 500m NW, and remains open in both directions.

New assay results are from one-metre photon assays and relate to 29 extensional RC holes drilled at Indomitable and Indomitable North for a total of 5,067m drilled on a 40m x 40m spacing to an average downhole depth of 174m. Drilling has **successfully extended known mineralisation outside the resource** with 28 of the 29 RC holes reported in this release intersecting gold mineralisation.

Significant new near surface high-grade gold results including.

- o 20m @ 6.9 g/t gold from 35m incl. 1m @ 97.8 g/t gold from 38m (SRC674)
- o **10m @ 3.2 g/t gold** from 69m incl. **2m @ 11.3 g/t gold** from 72m (SRC687)
- o 10m @ 2.8 g/t gold from 27m, incl. 1m @ 19.5 g/t gold from 34m (SRC664)
- o **10m @ 1.1 g/t gold** from 8m and
  - 4m @ 9.1 g/t gold from 83m, incl. 1m @ 27.1 g/t gold from 84m (SRC665)
- o **10m @ 1.8 g/t gold** from 90m incl. **1m @ 6.5 g/t gold** from 96m (SRC691)
- o 12m @ 1.2 g/t gold from 51m, incl. 1m @ 6.3 g/t gold from 57m (SRC668)
- 4m @ 3.5 g/t gold from 146m, incl. 2m @ 6.5 g/t gold from 146m (SRC667)
- o 6m @ 1.8 g/t gold from 12m incl. 1m @ 5.0 g/t gold from 15m (SRC688)
- o 4m @ 3.9 g/t gold from 160m incl. 1m @ 12.2 g/t gold from 160m (SRC690)
- o **11m @ 2.1 g/t gold** from 147m incl. **1m @ 10.1 g/t gold** from 155m (SRC692)

Refer to Figures 1-4 and Table 3 for all significant assay results.

Step-out hole SRC674, drilled outside the A\$2,000 optimized pit-shell to the north-west, returned a shallow high-grade oxide intercept of **20m @ 6.9 g/t gold** from 35m, including **1m @ 97.8 g/t gold** from 38m. SRC674 was drilled 120m north-west of the recently reported SRC663 which returned **44m @ 2.0 g/t gold** from 58m, shown in Section A-A'. Both of these results are outside of the current resource, with mineralisation remaining open.

SRC692 and SRC668, drilled outside the A\$2,000 optimized pit-shell to the south-west, returned high-grade oxide intercepts of **12m @ 1.2 g/t gold** from 51m, including **1m @ 6.3 g/t gold**, and **11m @ 2.1 g/t gold** from 147m, including **1m at 10.1 g/t gold**, shown in Section B-B'. These results are outside of the current resource, with mineralisation remaining open.

The Indomitable Camp is centred within a granted Mining Lease and is located approximately 15km south-east of the town of Sandstone. It is in close proximity to the Sandstone-Menzies Road and located less than 20km north-west of the Lords Corridor (see Figure 6).

The Indomitable Camp currently has an Inferred Mineral Resource of 1.7Mt @ 1.3 g/t gold for 74,000 ounces (based on an A\$2,000 pit shell). These resources are shallow and remain open along strike and at depth.



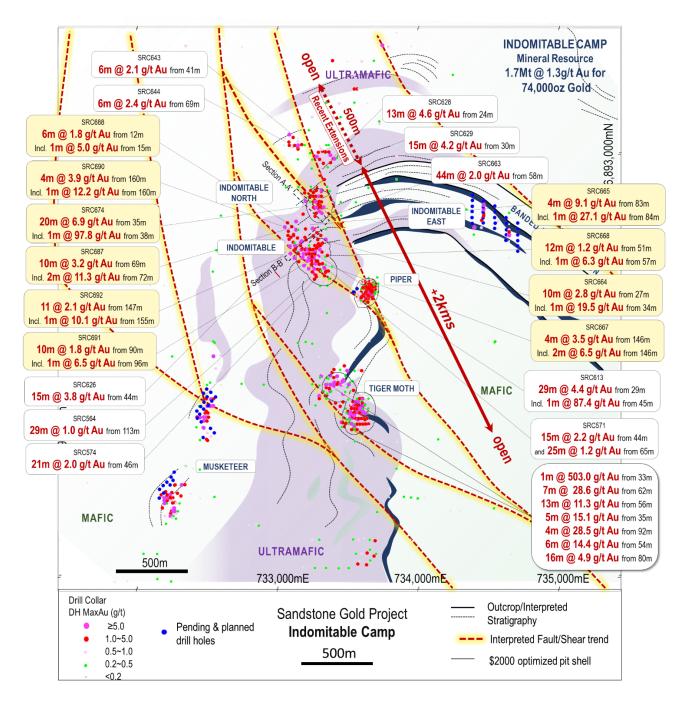


Figure 2: Plan view of Indomitable Camp showing recent RC drill results- Simplified geological interpretation.



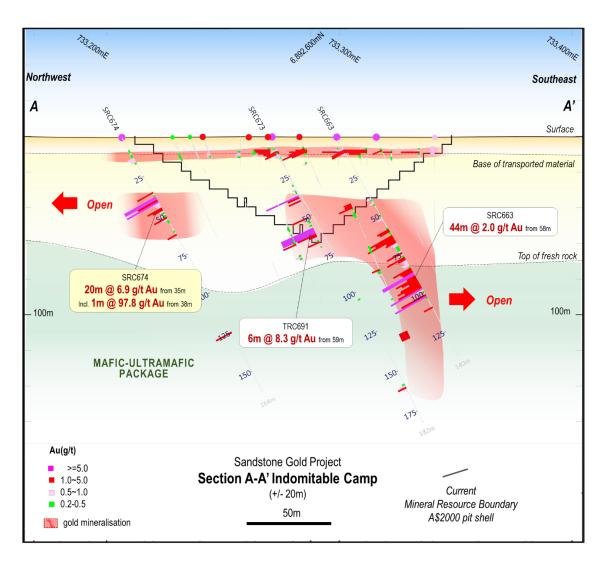


Figure 3: Section A – A' showing recent results– Simplified geological interpretation.



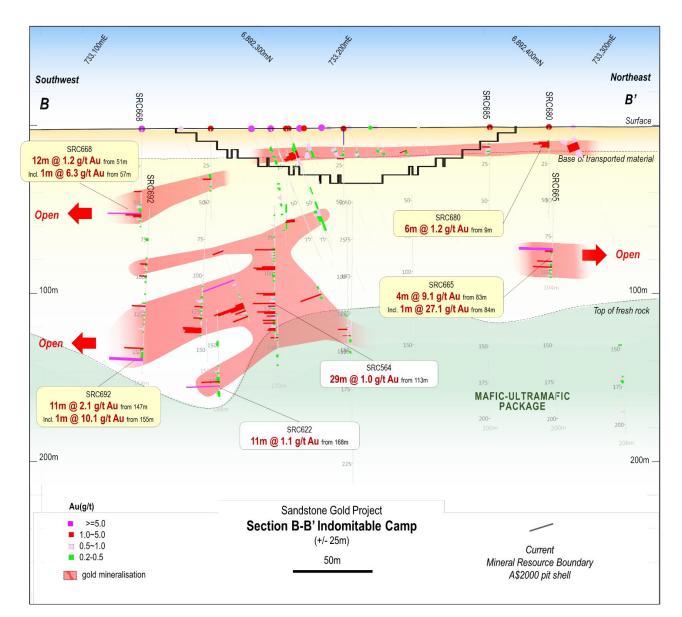


Figure 4: Section B – B' showing recent results– Simplified geological interpretation.



**Other significant results from this year's ongoing drill program at the Indomitable Camp** previously announced (ASX Announcement 14 February, 28 June and 14 July2022) include:

- o **13m @ 4.6 g/t gold** from 24m, incl. **1m @ 31.8 g/t gold** from 27m (SRC628)
- o **15m @ 4.2 g/t gold** from 30m incl. **1m @ 38.0 g/t gold** from 35m (SRC629)
- o **6m @ 2.1 g/t gold** from 41m (SRC643)
- o 6m @ 2.4 g/t gold from 69m incl. 1m @ 7.4g/t gold from 70m (SRC644)
- o **10m @ 1.0 g/t gold** from 2m (SRC645)
- o 11m @ 1.1 g/t gold from 39m (SRC646)
- o 44m @ 2.0 g/t gold from 58m incl. 14m @ 3.2 g/t gold from 84m (SRC663)
- o 7m @ 2.1 g/t gold from 9m (SRC655)
- o 3m @ 1.7 g/t gold from 8m and 9m @ 1.9 g/t gold from 92m incl. 1m @ 5.3 g/t gold from 97m (SRC659)
- o 9m @ 1.0 g/t gold from 66m (SRC662)
- o **29m @ 4.4 g/t gold** from 29m, incl. **1m @ 87.4 g/t gold** from 45m (SRC 613)
- 15m @ 3.8 g/t gold from 44m, incl. 2m @ 18.0 g/t gold from 49m; and
   5m @ 4.1 g/t gold from 65m incl. 1m 12.3 g/t gold from 66m (SRC 626)
- o **7m @ 1.1 g/t gold** from 83m and **1m @ 24.6 g/t gold** from 143m (SRC620)
- o 18m @ 1.1 g/t gold from 32m incl. 1m @ 5.4 g/t gold from 37m and 5m @ 1.4 g/t gold from 101m (SRC623)
- o **12m @ 1.6 g/t gold** from 69m (SRC 614)
- o 11m @ 1.1 g/t gold from 69m (SRC 616)
- o 4m @ 4.3 g/t gold from 113m and 10m @ 1.3 g/t gold from 173m (SRC619)
- o **11m @ 1.1 g/t gold** from 168m incl. **1m @ 6.1 g/t gold** from 178m (SRC622)
- 21m @ 2.0 g/t gold from 46m, incl. 1m @ 14.9 g/t gold from 61m and incl 1m @ 6.3 g/t gold from 66m, and
   11m @ 2.5 g/t gold from 92m, incl. 2m @ 7.0 g/t gold from 93m (SRC 574)
- 15m @ 2.2 g/t gold from 44m, incl. 2m @ 13.2 g/t gold from 45m, and
   25m @ 1.2 g/t gold from 65m, incl. 1m @ 11.5 g/t gold from 71m (SRC 571)
- o 16m @ 1.1 g/t gold from 76m, incl. 2m @ 5.3 g/t gold from 83m (SRC 557) ended in mineralisation
- o **21m @ 1.1 g/t gold** from 136m, incl. **6m @ 1.8 g/t gold** from 136m and incl.
  - 11m @ 1.0 g/t gold from 146m (SRC 566)
- o 24m @ 0.7 g/t gold from 82m, incl 4m @ 2.2 g/t gold from 95m
  - 29m @ 1.0 g/t gold from 113m and
  - 15m @ 0.6 g/t gold from 154m (SRC564) ended in mineralisation

The Indomitable Camp is currently defined over a +2km strike length and sits within a +20km NW/SE trending gold corridor which also hosts the Vanguard and Havilah deposits, within the 'Alpha Domain' priority target area (see Figure 6).





Figure 5: Sample layout Indomitable Camp, Sandstone Gold Project.

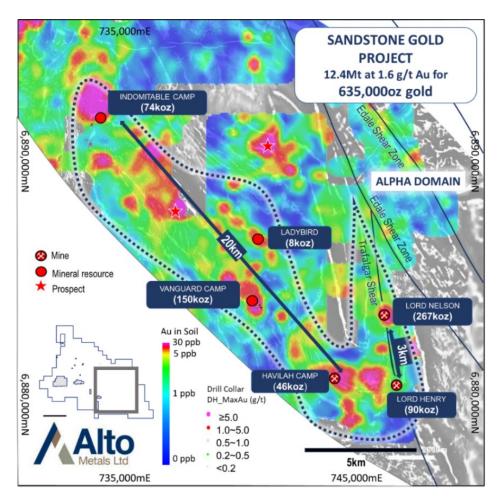


Figure 6: Location of total current mineral resources for Sandstone Gold Project within the Company's priority Alpha domain target area.



### Pending Assays & Ongoing drilling – Indomitable Camp

RC drilling is ongoing at the Indomitable Camp, focused on resource definition and extensional drilling as part of the updated mineral resource work anticipated to be completed by the December quarter.

**Assays are currently pending** from >7,000m of RC drilling completed Indomitable Camp, including at Indomitable East where drilling was targeting extensions of mineralised banded iron formation.

Drilling is underway at the Musketeer prospect, located 600m south-west of Indomitable along a parallel trend, before returning to Indomitable and Indomitable North for follow up drilling.

### **Ongoing Drilling Planned for 2022**

Alto's major ongoing drilling program, planned for 60,000m, is progressing well as it focuses on both resource growth and exploration at existing resources and a number of advanced regional prospects, including:

- Lord Nelson and Juno, first phase of 7,000m RC drilling targeting high-grade extensions *completed;*
- o Indomitable, >20,000m wide-spaced extensional and resource definition *ongoing, assays pending;*
- o Lord Nelson and Juno, follow up extensional drilling; planning
- o Lords Granodiorite, deeper drilling targeting the margin of the footwall at depth; planning
- Vanguard, step-out and extensional drilling along the NW/SE trending corridor; *planning*
- Priority regional targets (incl. Oroya, Sandstone North, Bulchina Trend) targeting underway

### Multiple regional targets across the entire Sandstone Gold Project | A systematic approach

Alto's immediate exploration strategy remains focused on discoveries and resource growth within the Alpha Domain which hosts the Lords corridor, Vanguard, Indomitable and Havilah. Based on the success of the systematic approach to exploration to date, Alto is continuing to review the multiple other early greenfield and advanced brownfield targets within the Sandstone Gold Project, as part of the Company's longer-term strategy to advance the overall project pipeline to support a stand-alone operation.

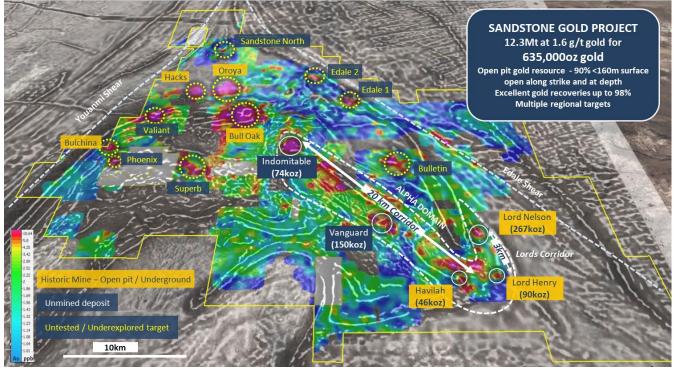


Figure 7: Regional prospect map showing gold-in-soils over 1VD Magnetics highlighting the +20km long gold corridor within the Alpha Domain and multiple brown and greenfield regional prospects within the Sandstone Gold Project.



A fly through of the Sandstone Gold Project, Alpha Domain and Inventum 3D model of the current mineral resources may be viewed at: <u>https://inventum3d.com/c/altometals/sandstone</u> or by visiting the Company's website.

For further information regarding Alto and its 100% owned Sandstone Gold Project, please visit the ASX platform (ASX: AME) or the Company's website at <u>www.altometals.com.au</u>.

This announcement has been authorised by the Managing Director of Alto Metals Limited on behalf of the Board.

Matthew Bowles Managing Director & CEO Alto Metals Limited +61 8 9381 2808

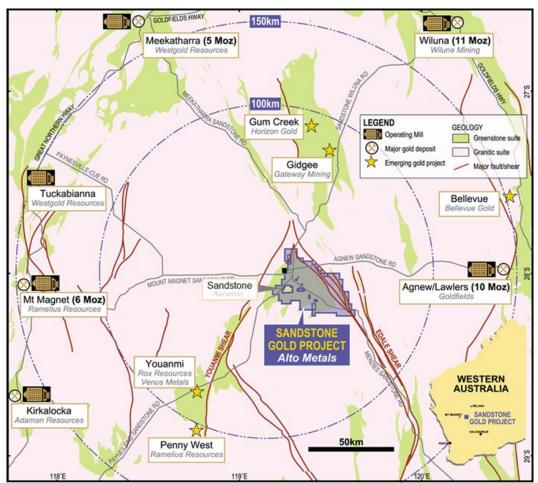


Figure 8. Location of Sandstone Gold Project within the East Murchison Gold Field, WA



#### **Competent Persons Statement**

The information in this Report that relates to current and historical Exploration Results is based on information compiled by Dr Changshun Jia, who is an employee and shareholder of Alto Metals Ltd, and he is also entitled to participate in Alto's Employee Incentive Scheme. Dr Jia is a Member 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. Dr Jia consents to the inclusion in the report of the matters based on the information in the context in which it appears.

#### **Forward-Looking Statements**

This release may include forward-looking statements. Forward-looking statements may generally be identified by the use of forward-looking verbs such as expects, anticipates, believes, plans, projects, intends, estimates, envisages, potential, possible, strategy, goals, objectives, or variations thereof or stating that certain actions, events or results may, could, would, might or will be taken, occur or be achieved, or the negative of any of these terms and similar expressions. which are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Alto Metals Limited. Actual values, results or events may be materially different to those expressed or implied in this release. Given these uncertainties, recipients are cautioned not to place reliance on forward-looking statements. Any forward-looking statements in this release speak only at the date of issue. Subject to any continuing obligations under applicable law and the ASX Listing Rules, Alto Metals Limited does not undertake any obligation to update or revise any information or any of the forward-looking statements in this release or any changes in events, conditions or circumstances on which any such forward-looking statement is based.

#### **Exploration Results**

The references in this announcement to Exploration Results for the Sandstone Gold Project were reported in accordance with Listing Rule 5.7 in the announcements titled:

Near surface high-grade results continue from Indomitable, 14 Jul 2022 High-grade drill results up to 87gt gold from Indomitable, 28 June 2022 High-grade mineralisation extended at Juno, 18 May 2022 Outstanding results from Lord Nelson incl. 67m @ 2.3 g/t gold, 27 April 2022 Broad zones of significant gold mineralisation at Indomitable, 14 February 2022 Shallow high-grade gold confirmed at Sandstone Gold Project, 31, January 2022 High-grade results from Lord Henry & Exploration update, 17 December 2021 Vanguard returns 24m @ 3.5 g/t gold, Sandstone Gold Project, 8 December 2021 Multiple high-grade gold intercepts from Vanguard, 4 November 2021 High-grade drill results continue from the Lords Corridor, 28 October 2021 Lords scale continues to grow with new Juno discovery, 5 October 2021 Alto intercepts 19m @ 6.0 g/t gold at Lord Nelson, 9 September 2021 Visible gold in diamond core at Vanguard, 25 August 2021 Lord Henry delivers 8m @ 13.6 g/t gold from 56m, 19 August 2021 High-grade gold from first diamond hole at Lord Nelson, 2 August 2021 Further excellent results from step-out drilling at Vanguard, 1 July 2021 High-grade gold results continue at the Lords Corridor, 2 June 2021 Exceptional high-grade visible gold from Vanguard, 13 May 2021 Excellent high-grade results from the Lords, 13 April 2021 New Zone of gold mineralisation discovered at the Lords, 8 March 2021 Drilling highlights continuity of mineralisation at Vanguard, 5 February 2021 Significant gold targets defined at the Lords Corridor, 2 February 2021 Drilling at Indomitable Prospect, Sandstone returns high-grade oxide gold intercepts, 15 February 2017 Further high-grade gold intercepts from Indomitable and Tiger Moth, 2 March 2017

The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcements noted above.



## Tables 1 & 2: Mineral Resource Estimate for Sandstone Gold Project

Table 1: Total Mineral Resource Estimate for Sandstone Gold Proj	ect
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JORC 2012 Mineral Resource Estimate for the Sandstone Gold Project as at March 2022				
Classification	Tonnes (Mt) Grade (g/t gold)		Contained gold (koz)	
Total Indicated	3.0	1.7	159	
Total Inferred	9.4	1.6	476	
TOTAL	12.4	1.6	635	

Updated Mineral Resources reported at a cut-off grade of 0.5 g/t gold. Mineral Resources for Indomitable are reported at a cut-off grade of 0.3 g/t gold. Minor discrepancies may occur due to rounding of appropriate significant figures.

Table 2: Total Mineral Resource Estimate for Sandstone Gold Project (by deposit)

	Indicated			Inferred		Total			
Deposit	Tonnage (Mt)	Grade g/t	Gold (koz)	Tonnage (Mt)	Grade g/t	Gold (koz)	Tonnage (Mt)	Grade g/t	Gold (koz)
Lord Nelson	1.0	1.8	56	4.3	1.5	211	5.3	1.6	267
Lord Henry	1.6	1.5	77	0.3	1.2	13	1.9	1.4	90
Vanguard Camp	0.4	2.0	26	1.9	2.0	124	2.3	2.0	150
Havilah Camp				1.0	1.5	46	1.0	1.5	46
Indomitable Camp <sup>a</sup>				1.7	1.3	74	1.7	1.3	74
Ladybird <sup>b</sup>				0.1	1.9	8	0.1	1.9	8
TOTAL	3.0	1.7	159	9.4	1.6	476	12.4	1.6	635

Updated Mineral Resources reported at a cut-off grade of 0.5 g/t gold and are constrained within a A\$2,500/oz optimised pit shells based on mining parameters and operating costs typical for Australian open pit extraction deposits of a similar scale and geology. Mineral Resources for Indomitable (reported at a cut-off grade of 0.3 g/t gold) and Ladybird deposits have not been updated. Minor discrepancies may occur due to rounding of appropriate significant figures.

The references in this announcement to Mineral Resource estimates for the Sandstone Gold Project were reported in accordance with Listing Rule 5.8 in the following announcements:

(a): Indomitable Camp: announcement titled: "Maiden Gold Resource at Indomitable & Vanguard Camps, Sandstone WA" 25 Sep 2018; and

(b): Ladybird: announcement titled: "Alto increases Total Mineral Resource Estimate to 290,000oz, Sandstone Gold Project" 11 June 2019.

(c): Lord Henry, Lord Nelson, Vanguard Camp & Havilah Camp: announcement titled: "Sandstone Mineral Resource increases to 635,000oz of gold" 23 March 2022

The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement noted above and that all material assumptions and technical parameters underpinning the Mineral Resource estimates in the previous market announcement continue to apply and have not materially changed.



#### g/t\*m\_Au Comments Hole\_ID Hole\_Type m East n\_MaxDept Prospect From(m) Interval(m) Au\_g/t m North m RL Dip Azimith SRC664 733,339 130 140 Indomitable RC 6,892,384 500 -60 8 16 8 1.0 7.9 Indomitable incl. 9 16 7 1.1 7.5 and incl. 14 15 1 2.4 24 27 37 and 10 2.8 28.2 incl. 34 35 1 19.5 19.5 and 39 41 2 0.3 0.5 82 and 90 8 0.8 6.8 incl 82 88 6 10 62 111 115 0.8 and 4 3.1 incl. 112 114 2 1.2 2.5 and 135 138 3 0.3 1.0 SRC665 733 246 130 RC 6 892 462 500 -60 104 Indomitable Indomitable 8 18 10 1.1 11 1 14 incl. 17 3 2.1 6.4 83 87 9.1 36.6 and 4 84 incl. 85 1 27.1 27.1 92 104 and 12 0.8 9.4 incl 92 100 1.0 8.1 8 SRC666 RC 733.342 6.892.073 130 500 -60 80 Indomitable 0.7 Indomitable 30 32 2 0.4 and 47 54 7 0.4 2.5 53 incl. 50 3 0.5 1.6 and 69 71 0.3 0.6 2 SRC667 RC 733.218 6.892.176 130 500 -60 176 Indomitable Indomitable 142 143 1 1.8 1.8 146 150 and 4 3.5 14.2 146 148 incl. 2 6.5 13.1 and 171 174 3 0.4 1.2 SRC668 733.117 6.892.250 RC 500 -60 130 176 1.1 Indomitable Indomitable 42 43 1 1.1 12 and 51 63 1.2 13.8 57 incl. 58 6.3 6.3 1 154 156 2.8 and 2 1.4 155 154 incl. 2.4 2.4 SRC669 RC 733.228 6.892.997 500 -60 130 200 Indomitable 5 8 3 0.3 1.0 Indomitable SRC670 RC 733.285 6.892.633 500 -60 130 182 Indomitable 7 13 6 1.0 6.0 Indomitable 46 68 18.5 and 22 0.8 51 incl. 58 7 1.0 7.2 71 86 15 10.2 and 0.7 incl. 82 83 3.0 1 3.0 179 182 1.5 4.6 and 3 incl. 180 181 2.3 2.3 SRC671 733,226 RC 6,892,683 500 -60 130 140 Indomitable Indomitable 10 15 5 0.4 2.2 incl. 12 15 3 0.5 1.6 35 36 1.1 and 1 1.1 123 119 0.4 and 4 1.6 121 123 incl. 2 0.5 1.1 127 128 4.1 and 1 4.1 133 136 0.6 and 3 1.9 SRC672 733,189 6,892,714 130 182 RC 500 -60 2.2 Indomitable Indomitable 14 8 6 0.4 97 and 99 2 0.2 0.4 128 132 4 1.0 and 0.3 and 145 146 1.5 1 1.5 164 162 0.3 0.6 and 2 SRC673 733,261 6,892,605 130 RC 500 -60 182 Indomitable Indomitable 7 11 4 0.6 2.3 incl. 9 1.1 10 1 1.1 158 162 4 0.8 and 3.1 incl 159 161 2.2 2 1.1 SRC674 733,196 6,892,655 130 RC 500 -60 164 Indomitable Indomitable 8 10 2 0.2 0.4 17 and 11 6 0.5 3.1 35 137.4 and 55 20 6.9 39 97.8 97.8 incl. 38 1 62 63 and 1 1.4 1.4 125 126 and 2.5 SRC675 RC 733,263 6,892,548 500 -60 130 188 Indomitable 0 13 13 0.4 5.1 Indomitable 8 10 2.0 incl. 2 1.0 76 83 1.7 and 7 0.2 and 89 94 5 0.3 1.5 and 144 148 4 0.4 1.6 144 incl. 146 2 1.2 0.6 175 177 2 0.3 0.6 and and 185 187 0.3 0.6 2 SRC676 RC 733,204 6,892,602 500 -60 130 182 Indomitable Indomitable NSR SRC677 RC -60 206 9 11 2 0.8 733,239 6,892,518 500 130 Indomitable 0.4 and 70 72 2 0.2 0.5 147 149 and 2 0.7 1.3 168 173 5 2.2 and 0.4 172 169 0.6 incl. 3 1.7 SRC678 RC 733,178 6,892,563 500 -60 130 182 Indomitable 10 15 5 0.4 2.1 Indomitable incl. 11 14 3 0.5 1.5 and 60 68 8 0.7 5.4 2.1 incl. 64 65 2.1 1 and 101 104 3 0.4 1.2 1.2 and 165 168 0.4

# Table 3: Indomitable 1m assay results and drill collar information (MGA 94 zone 50).



#### Interval(m) Au\_g/t Hole\_ID Hole\_Type From(m) g/t\*m\_Au Comments m\_East m\_North m RL Dip Azimith ו\_MaxDept Prospect To(m) SRC679 733.304 6.892.412 -60 RC 500 130 140 Indomitable 9 15 1.4 8.3 Indomitable 6 2.0 11 incl. 12 1 2.0 98 104 0.9 and 6 5.7 102 incl. 104 1.7 3.4 110 122 12 0.4 4.8 and incl. 117 119 2 0.5 1.1 SRC680 RC 733,276 6,892,433 500 -60 130 Indomitable 200 Indomitable 9 15 6 1.2 6.9 11 12 2.4 2.4 incl. 1 131 0.9 2.6 134 3 and incl. 132 133 2.1 2.1 1 0.4 and 197 200 3 1.3 incl. 198 200 0.5 1.0 SRC681 RC 733,213 6,892,488 500 -60 130 200 Indomitable 9 13 4 0.5 ndomitable SRC682 RC 500 -60 130 200 Indomitable 11 5 0.4 1.9 733,152 6,892,538 16 Indomitable SRC683 RC 733,310 6,892,353 500 -60 130 158 Indomitable 9 16 0.8 5.6 ndomitable 10 4.6 incl 14 1.1 and 33 38 5 0.6 2.8 and 77 80 1.6 4.8 3 incl. 77 79 2.1 4.3 2 and 85 93 8 0.3 2.7 and 97 99 2 0.3 0.7 and 105 107 2 0.2 0.4 and 152 155 3 0.9 28 24 incl 154 SRC684 RC 733,282 6,892,382 500 -60 130 176 Indomitable 10 18 8 0.9 7.4 Indomitable incl 15 16 2.4 2.4 1 and 101 103 2 0.3 0.6 SRC685 733.250 130 Indomitable RC. 6.892.409 500 -60 200 11 19 8 0.6 5.0 ndomitable incl. 13 14 1 1.2 1.2 and 170 172 0.3 0.6 2 SRC686 RC 733.195 6.892.458 500 Indomitable -60 130 200 Indomitable 41 44 3 0.3 0.9 56 61 0.5 5 2.7 and 1.1 incl 56 SRC687 RC 733,128 6,892,511 500 -60 130 176 12 19 0.3 ndomitable Indomitable 2.0 7 and 55 57 2 0.2 0.5 31.9 69 10 and 79 3.2 11.3 incl 72 74 22.7 SRC688 733,168 6,892,372 130 ndomitable RC 500 -60 217 Indomitable 12 18 11.1 1.8 6 incl. 15 16 5.0 5.0 1 and 22 27 5 0.7 3.5 24 2.3 incl. 26 1.2 2 133 137 4 0.5 2.1 and and 143 145 2 0.3 0.6 and 151 153 2 0.3 0.5 and 155 167 12 0.7 8.2 incl. 158 164 6.5 6 1.1 and 175 177 2 0.3 0.5 and 182 183 1 3.0 3.0 and 195 198 3 0.3 0.9 and 214 216 0.4 0.8 2 SRC689 134 RC 733,110 6,892,419 500 -60 130 Indomitable 46 51 5 1.4 7.2 Indomitable incl. 46 49 3 21 62 and 93 96 3 02 07 105 and 116 11 0.4 4.3 0.5 1.5 incl. 112 115 3 and 132 134 2 0.4 0.7 SRC690 RC. 733,048 6,892,471 500 -60 130 242 Indomitable 92 94 2 0.3 0.5 ndomitable 160 164 15.5 and 4 3.9 incl 160 161 12.2 SRC691 733,184 130 ndomitable RC 6,892,198 500 -60 176 Indomitable 49 51 0.3 0.6 2 56 0.3 0.5 and 58 2 75 and 76 1.8 1.8 1 80 82 2 0.2 0.5 and and 90 100 10 1.8 18.1 96 97 6.5 incl 6.5 SRC692 RC 733,088 6,892,283 500 -60 130 164 Indomitable 37 0.7 Indomitable 41 4 2.7 38 1.1 incl. 39 1 1.1 and 74 76 2 0.4 0.7 91 0.6 and 94 3 1.9 incl. 91 92 1.1 1.1 1 and 99 101 0.7 1.3 2 incl. 99 100 1 1.1 1.1 and 117 126 9 0.6 5.7 incl. 119 122 1.1 3.4 3 and 134 137 3 0.4 1.3 and 147 158 11 2.1 22.8 incl 155 156 1 10 1 10.1

# Table 3 (continued): Indomitable 1m assay results and drill collar information (MGA 94 zone 50).

Note: 0.2g/t Au cut off, may include up to 4m <0.2g/t Au as internal dilution



Criteria	Commentary
Sampling	Samples were collected by reverse circulation (RC) drilling.
techniques	• RC samples were passed directly from the in-line cyclone through a rig mounted cone splitter. Samples were collected in 1m intervals and 1m calico splits.
	• The bulk sample was placed directly onto the ground and the 1m samples were sent directly to MinAnalytica Laboratory Services Pty Ltd ("MinAnalytical").
	Field duplicate samples were collected using a second calico bag on the drill rig cyclone.
Drilling techniques	<ul> <li>RC drilling program used a KWL 350 drill rig with an onboard 1100cfm/350psi compressor and a truck mounter 1000cfm auxiliary and 1000psi booster.</li> </ul>
	The sampling hammer had a nominal 140 mm hole.
Drill sample	Recovery was estimated as a percentage and recorded on field sheets prior to entry into the database.
recovery	Drill rig of sufficient capacity is used to maximise recovery.
	RC samples generally had good recovery except where significant groundwater is intercepted.
	• The cyclone and cone splitter were routinely cleaned at the end of each rod.
	• There does not appear to be a relationship with sample recovery and grade and there is no indication of sample bias
	No relationship between recovery and grade has been identified.
Logging	Geological logging of drillhole intervals was carried out with sufficient detail to meet the requirements of resourc estimation.
	• Alto's RC drill chips were sieved from each 1m bulk sample and geologically logged.
	• Washed drill chips from each 1m sample were stored in chip trays.
	Geological logging of drillhole intervals was carried out with sufficient detail to meet the requirements of resource estimation.
Subsampling techniques	• 1m RC samples were transported to MinAnalytical, located in Perth, Western Australia, who were responsible for sample preparation and assaying for all RC drill hole samples and associated check assays.
and sample preparation	• MinAnalytical are NATA certified for all related inspection, verification, testing and certification activities.
ргерагацоп	• Samples submitted for analysis via Photon assay technique were dried, crushed to nominal 85% passing 2mm, linea split and a nominal 500g sub sample taken (method code PAP3502R)
	• The 500g sample is assayed for gold by Photon Assay (method code PAAU2) along with quality control sample including certified reference materials, blanks and sample duplicates.
	Sample sizes are appropriate to give an indication of mineralisation.
	The technique is appropriate for the material and style of mineralization.
Quality of	• There are no deleterious elements present which could affect the technique.
assay data and laboratory	There is no information available to Alto to indicate that the gold is refractory gold.
tests	Industry purchased Blanks and Standards and are inserted at a rate of 1 per 25 samples.
	• Field duplicates are inserted by Alto at a rate of 1 every 100 samples. Field duplicates are collected using a secon calico bag on the drill rig cyclone.
	• Laboratory Certified Reference Materials and/or in-house controls, blanks, splits and replicates are analysed wit each batch of samples by the laboratory. These quality control results are reported along with the sample values in the factor of the sample values of the sample valu
	the final report. Selected samples are also re-analysed to confirm anomalous results.
Verification of	Laboratory and field QA/QC results are reviewed by Alto Metals personnel.
Verification of sampling and	All significant intersections are reviewed by alternative company personnel.
assaying	<ul> <li>The drilling program included extension and infill drill holes therefore twinned holes were not applicable.</li> <li>Field data is recorded on logging sheets and entered into excel prior to uploading to and verification in Micromin and Datashed.</li> </ul>
	<ul> <li>Laboratory data is received electronically and uploaded to and verified in Micromine and Datashed.</li> </ul>
Location of	<ul> <li>All data is reported based on GDA 94 zone 50.</li> </ul>
data points	<ul> <li>All data is reported based on GDA 94 zone 50.</li> <li>Alto used handheld Garmin GPS to locate and record drill collar positions, accurate to +/-5 metres (northing an easting), which is sufficient for exploration drilling.</li> </ul>
	<ul> <li>Subsequently RM Surveys (licensed surveyor) carry out collar surveys with RTK GPS with accuracy of +/-0.05m t accurately record the easting, northing and RL prior to drill holes being used for resource estimation.</li> </ul>



Criteria	Commentary
	<ul> <li>Downhole surveys are undertaken by the drilling contractor at 30m intervals using a true north seeking gyro.</li> <li>Alto has previously engaged an independent downhole survey company to carry out an audit of downhole surveys and the results were considered satisfactory.</li> </ul>
Data spacing and distribution	<ul> <li>RC drill collar spacing is sufficient to establish the degree of geological and grade continuity appropriate for a mineral resource estimation.</li> <li>The drilling was composited downhole for estimation using a 1m interval.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Drill orientation at Indomitable is typically -60° to 130° which is designed to intersect mineralisation perpendicular to the interpreted mineralised zones.</li> <li>Geological and mineralised structures have been interpreted at Indomitable from drilling.</li> </ul>
Sample security	<ul> <li>1m RC drill samples comprised approximately 3 kg of material within a labelled and tied calico bag.</li> <li>Individual sample bags were placed in a larger plastic poly-weave bag then into a bulka bag that was tied and dispatched to the laboratory via freight contractors or company personnel.</li> <li>Sampling data was recorded on field sheets and entered into a database then sent to the head office.</li> <li>Laboratory submission sheets are also completed and sent to the laboratory prior to sample receival.</li> </ul>
Audits and reviews	<ul> <li>Alto's Exploration Manager attended the RC drilling program and ensured that sampling and logging practices adhered to Alto's prescribed standards.</li> <li>Alto's Exploration Manager has reviewed the significant assay results against field logging sheets and drill chip trays and confirmed the reported assays occur with logged mineralised intervals and checked that assays of standards and blanks inserted by the Company were appropriately reported.</li> </ul>

# JORC (2012) Table 1 – Section 2 Reporting of Exploration Results

ltem	Comments
Mineral tenement and land tenure	• Alto's Sandstone Project is located in the East Murchison region of Western Australia and covers approximately 900 km <sup>2</sup> with multiple prospecting, exploration and mining licences all 100% owned by Sandstone Exploration Pty Ltd, which is a 100% subsidiary of Alto Metals.
	To date there has been no issues obtaining approvals to carry out exploration.
	• Royalties include up to 2% of the Gross Revenue payable to a third party, and a 2.5% royalty payable to the State Government.
Exploration	Historically gold was first discovered in the Sandstone area in the 1890's.
done by other parties	No mining has been carried out other than at Indomitable East in the early 1900s.
panies	• Previous work carried out by Troy involved surface geochemistry, geophysics, geological mapping, drilling and mineral resource estimation.
Geology	• The Indomitable Camp is located within an area of alluvium covering deeply weathered, mafic and ultramafic units and banded iron formation. Banded iron formation is exposed on the surface at Indomitable East. Elsewhere there is no outcrop.
	Gold mineralisation is related to quartz veining within saprolite.
	• A gold bearing horizon is located above the saprolite hosted deposits at a depth of 10m below the surface, separated from the main mineralised bodies by a zone of gold depletion about 10m thick.
Drill hole information	• Drill hole collar and relevant information is included in a table in the main report.
Data aggregation	• Reported mineralised intervals +0.2 g/t Au may contain 2 to 4 metres of internal waste (or less than 0.2 g/t Au low grade mineralisation interval).
methods	No metal equivalent values have been reported. The reported grades are uncut.
Relationship	RC drill holes were angled at -60° and designed to intersect perpendicular to the mineralisation.
between mineralisation widths and intercept lengths	• Downhole intercepts are not reported as true widths however are considered to be close to true widths based on the drill orientation and current understanding of the mineralisation.



ltem	Comments
Diagrams	• Relevant sections and plans have been included in the main report and in previous reports which can be found on the Company website or ASX site.
Balanced reporting	• All previous drill hole information and significant mineralised intercepts and widths have been reported in previous reports which can be found on the Company website or ASX site.
Other	All material information has been included in the report.
substantive exploration data	• Preliminary gold recovery test work has been carried out by Alto in addition to the historical mining and production records.
	There are no known deleterious elements.
Further work	Alto has planned further RC infill and extension drilling.