

## Sandstone Gold Project, Western Australia

# Outstanding near surface high-grade gold results continue from Indomitable Camp

44m @ 2.0 g/t gold from 58m 15m @ 4.2 g/t gold from 30m 13m @ 4.6 g/t gold from 24m

# Ongoing step out drilling extends mineralisation outside the current resource

#### **Highlights**

- Ongoing RC drilling at Indomitable Camp has returned multiple near surface high-grade gold results.
- Step-out drilling north of the Indomitable North deposit has extended mineralisation up to 500m north of the current resource and remains open. Latest results include:
  - o 13m @ 4.6 g/t gold from 24m, incl. 1m @ 31.8 g/t gold from 27m (SRC628)
  - 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)
- Extensional drilling at Indomitable North has extended gold mineralisation outside the current resource including:
  - 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)
  - 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)
- Mineralisation at Indomitable North remains open in all directions, assays pending from further extensional holes.
- These latest results continue to indicate the Indomitable Camp is a very large and under-explored mineralised system which is currently defined over a 2km strike length which is hosted within a +20km gold corridor.
- Assays are currently pending from +5,000m of RC drilling completed at the Indomitable North and Indomitable East.
- RC drilling at Indomitable Camp is continuing.

Alto's Managing Director, Matthew Bowles said:

These latest shallow high-grade gold results are outstanding, with SRC628 and SRC629 extending mineralisation further north, outside the current resource.

Our systematic approach is continuing to deliver and the ongoing near surface results from Indomitable highlight a very large shallow oxide footprint, which is often the key to finding much larger high-grade gold deposits at depth.

Drilling at Indomitable is ongoing and we look forward to updating shareholders on further results in the coming weeks.



535m

\$0.067

\$36m

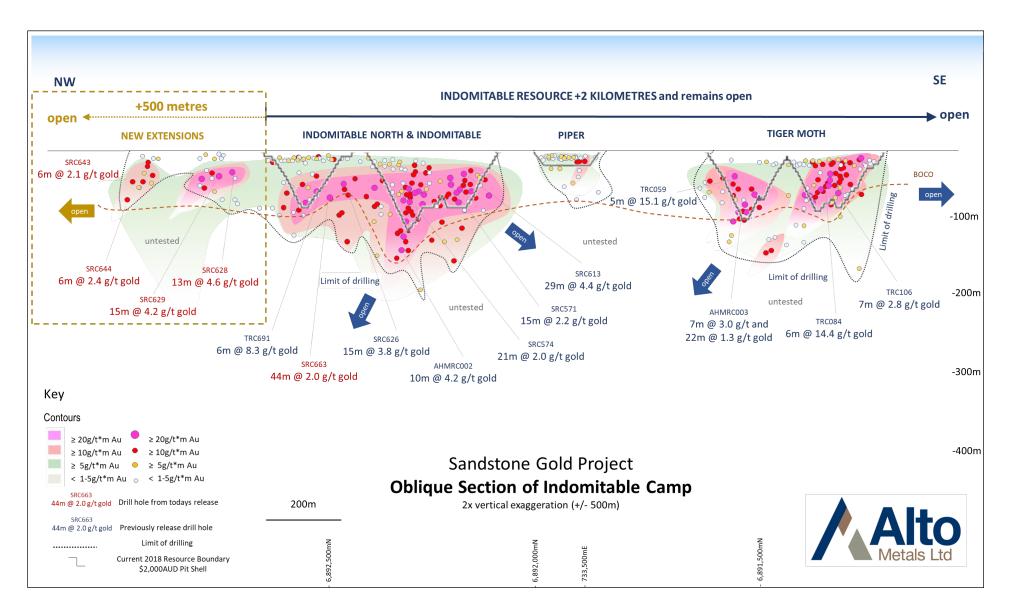


Figure 1: Oblique section of Indomitable Camp showing g/t\*m drill results



## Outstanding near surface high-grade gold results continue from Indomitable North

**Alto Metals Limited** (ASX: AME) (Alto or the Company) is pleased to report further outstanding near surface 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 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. Recent drilling has targeted extensions of known mineralisation outside the current resource at Indomitable North and new target areas further north along the same major cross-cutting structures.

New assay results are from one-metre photon assays and relate to 37 RC holes drilled at Indomitable North for a total of 4,682m, drilled on a 40m x 40m spacing to an average downhole depth of 127m. Significant results reported in this release include multiple, near surface high-grade gold results that have successfully extended the overall mineralised footprint.

Wide-spaced step-out drilling north of the Indomitable North deposit has extended mineralisation up to 500m outside the current resource. Latest results 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)

Extensional drilling at Indomitable North has extended gold mineralisation outside the current resource. Results include:

- 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)

Refer to Figures 1-5 and Table 3 for all significant assay results.

SRC628 and SRC629 were drilled north-west / south-east on 40m spacing, approximately 200m north west of Indomitable North. The cross section C-C' shown in Figure 5 highlights the high-grade intercept of **13m @ 4.8 g/t gold** from 30m, incl. **1m @ 38.0 g/t gold** from 35m returned from SRC629 with mineralisation open to both the north-east and south-east (Refer to Figures 2 and 5).

Drilling outside of the optimized pit shell at Indomitable North has returned further high-grade mineralisation, including SRC663 which returned **44m @ 2.0 g/t gold** from 58m, with mineralisation remaining open.

The Indomitable Camp is hosted 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.



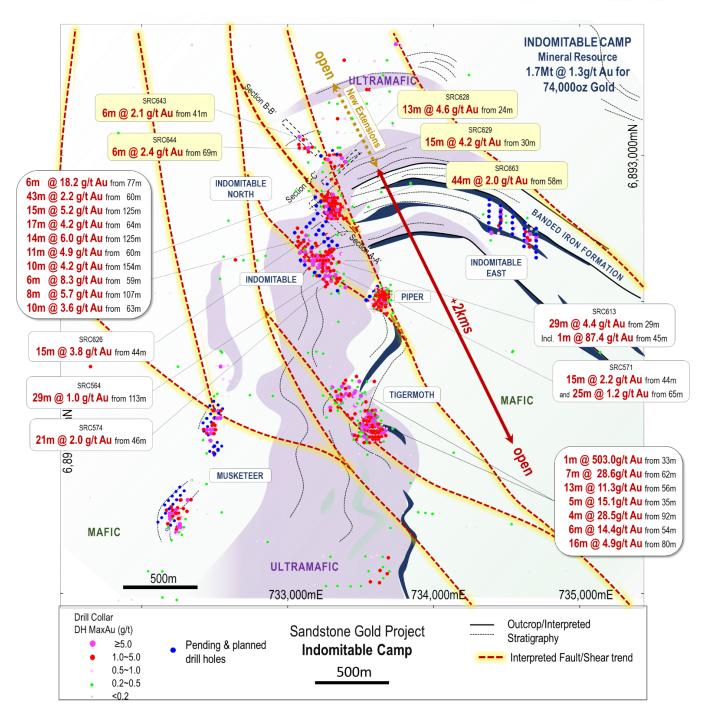


Figure 2: Plan view of Indomitable Camp showing recent RC drill results – Simplified geological interpretation.



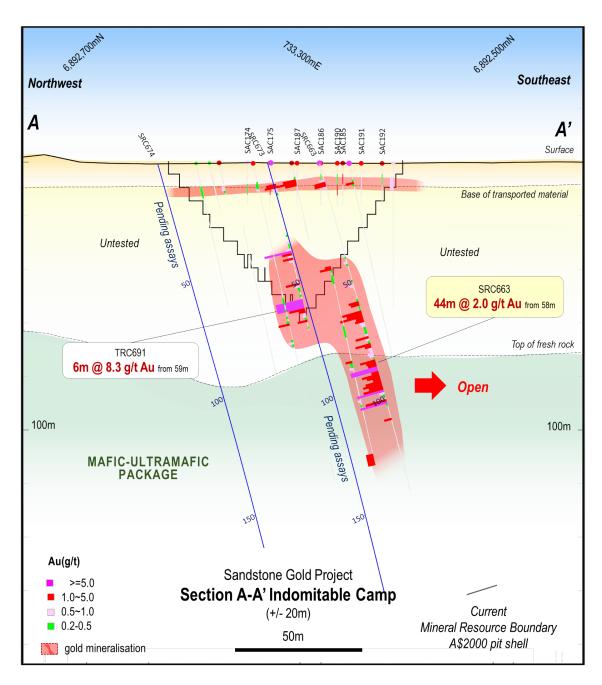


Figure 3: Section A – A' showing recent results– Simplified geological interpretation.



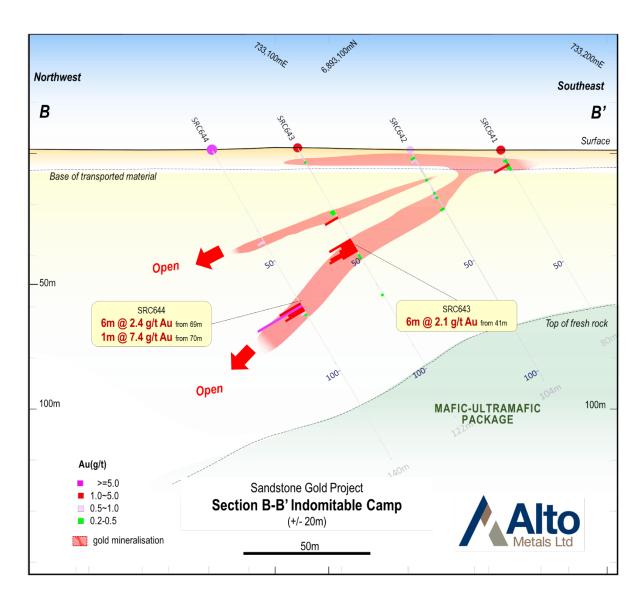


Figure 4: Section B – B' showing recent results– Simplified geological interpretation.



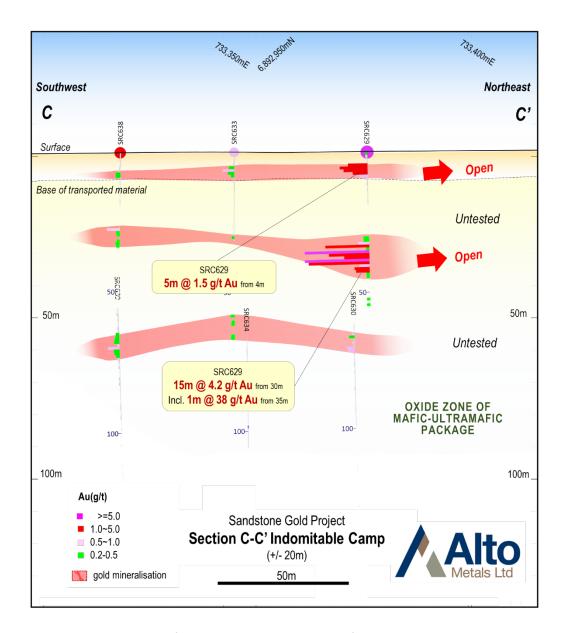


Figure 5: Section C – C' showing recent results– Simplified geological interpretation.

Other significant results from this year's ongoing drill program at the Indomitable Camp previously announced (ASX Announcement 14 February and 28 June 2022) include:

- 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)
- 16m @ 1.1 g/t gold from 76m, incl. 2m @ 5.3 g/t gold from 83m (SRC 557) ended in mineralisation
- 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)
- 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).

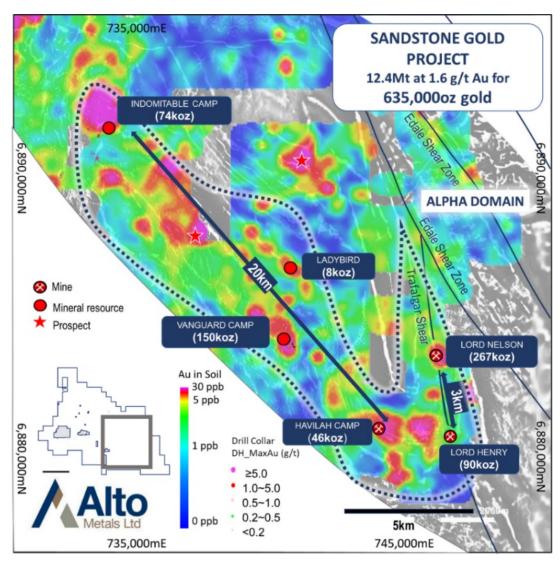


Figure 6: Location of total current mineral resources for Sandstone Gold Project within the Company's priority Alpha domain target area.



## 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 >5,000m of RC drilling completed Indomitable Camp, including at Indomitable East where drilling was targeting extensions of mineralised banded iron formation.

Drilling is about to commence 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 60,000m planned drilling program progressing well, focusing 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;
- 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
- o 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 +900km<sup>2</sup> Sandstone Gold Project, as part of the Company's longer term strategy to advance the overall project pipeline to support a stand-alone operation.

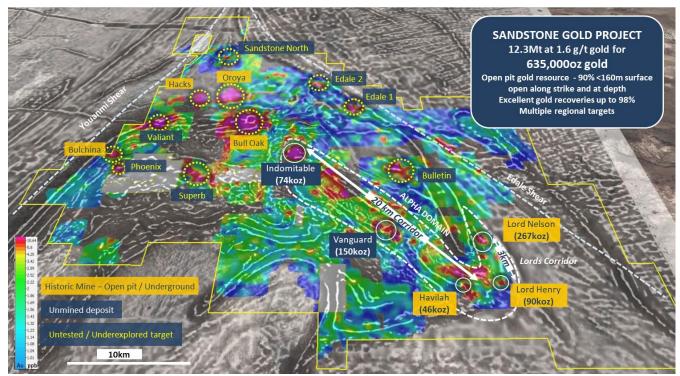


Figure 7: Regional prospect map showing gold-in-soils over 1VD Magnetics highlighting the +20km long gold corridor within the Alpha Domain and multiple brown and greenfield regional prospects within the Sandstone Gold Project.



A fly through of the Sandstone Gold Project, Alpha Domain and Inventum 3D model of the current mineral resources may be viewed at: <a href="https://inventum3d.com/c/altometals/sandstone">https://inventum3d.com/c/altometals/sandstone</a> 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 <a href="https://www.altometals.com.au">www.altometals.com.au</a>.

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

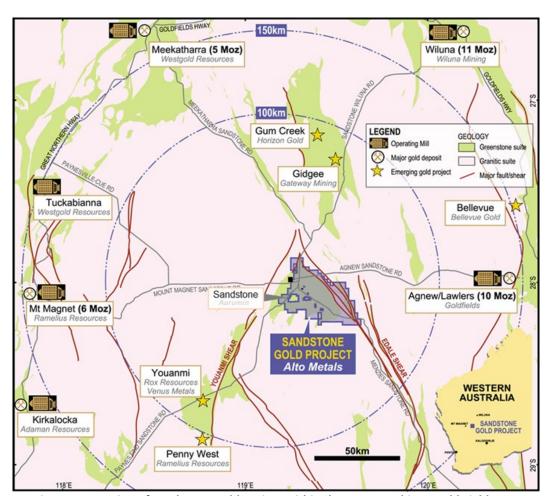


Figure 8. Location of Sandstone Gold Project within the East Murchison Gold Field, WA



#### **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:

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

Orion Gold Lode Continues High-Grade Gold Drilling Results, 29 September 2020

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 Project, March 2022

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, March 2022 (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 & Vanguard Camp: announcement titled: "Maiden Gold Resource at Indomitable & Vanguard Camps, Sandstone WA" 25 Sep 2018; and

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

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.



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

Hole_ID F	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	ı_MaxDept	Prospect	From(m)	To(m)	Interval(m	Au_g/t	g/t*m_A	Comments
SRC627	RC	733,067	6,892,502	500	-60	130	236	Indomitable	95	97	2	0.2	0.5	Indomitable
								and	133	137	4	0.3	1.2	
								and	196	198	2	1.3	2.6	
								and	204	206	2	1.8	3.7	
								incl.	205	206	1	2.3	2.3	
RC628	RC	733,400	6,892,956	500	-60	130	104	Indomitable	5	8	3	0.4	1.1	Indomitable
								and	24	37	13	4.6	60.1	
								incl.	27	28	1	31.8	31.8	
RC629	RC	733,372	6,892,982	500	-60	130	120	Indomitable	4	9	5	1.5	7.2	Indomitable
								incl.	5	6	1	2.1	2.1	
								and	30	45	15	4.2	62.5	
								incl.	35	37	1	38.0	38.0	
RC630	RC	733,336	6,893,005	500	-60	130	140	Indomitable	5	8	3	1.6	4.7	Indomitable
								and	70	72	2	0.6	1.1	
RC631	RC	733,304	6,893,030	500	-60	130	152	Indomitable	7	9	2	0.4	0.8	Indomitable
RC632	RC	733,373	6,892,929	500	-60	130	100	Indomitable	5	9	4	0.5	2.0	Indomitable
								incl.	7	8	1	1.1	1.1	
								and	37	38	1	3.1	3.1	
RC633	RC	733,340	6,892,955	500	-60	130	98	Indomitable	5	9	4	0.5	2.1	Indomitable
								and	60	62	2	0.2	0.5	
								incl.	65	67	2	0.3	0.5	
RC634	RC	733,313	6,892,981	500	-60	130	140	Indomitable	6	10	4	0.5	2.1	Indomitable
								and	18	29	11	0.4	4.5	
								incl.	24	29	5	0.5	2.5	
								and	32	36	4	0.5	1.9	
								incl.	32	35	3	0.5	1.5	
RC635	RC	733,253	6,893,027	500	-60	130	188	Indomitable				NSR		Indomitable
RC636	RC	733,286	6,893,002	500	-60	130	134	Indomitable	48	53	5	0.6	3.0	Indomitable
								incl.	50	52	2	1.1	2.2	
								and	80	82	2	0.4	0.9	
RC637	RC	733,353	6,892,896	500	-60	130	104	Indomitable				NSR		Indomitable
RC638	RC	733,322	6,892,924	500	-60	130	122	Indomitable	7	9	2	0.4	0.7	Indomitable
								and	27	34	7	0.3	2.4	
								incl.	27	30	3	0.5	1.5	
								and	73	76	3	0.7	2.2	
								incl.	74	75	1	1.3	1.3	
						and	80	83	3	0.6	1.7			
								incl.	87	90	3	0.5	1.5	
RC639	RC	733,292	6,892,947	500	-60	130	122	Indomitable	51	55	4	0.4	1.8	Indomitable
								incl.	52	55	3	0.5	1.5	
								and	64	73	9	0.4	3.5	
								incl.	69	73	4	0.5	2.0	
RC640	RC	733,257	6,892,976	500	-60	130	134	Indomitable	6	8	2	0.4	0.8	Indomitable
		,	, ,					and	112	114	2	2.8	5.6	
								and	116	118	2	0.3	0.6	
								and	128	134	6	0.6	3.8	
								incl.	132	134	2	1.1	2.2	
RC641	RC	733,168	6,893,057	500	-60	130	80	Indomitable	4	9	5	0.6	2.9	Indomitable
		,	-,,					incl.	6	8	2	1.0	2.1	
RC642	RC	733,141	6,893,080	500	-60	130	104	Indomitable	3	5	2	0.5	1.0	Indomitable
		,	.,,					and	19	22	3	0.3	1.0	
RC643	RC	733,107	6,893,108	500	-60	130	122	Indomitable	28	32	4	0.6	2.4	Indomitable
		,55,10,	0,033,100	500	00	100		incl.	31	32	1	1.5	1.5	indonnicable.
								and	41	47	6	2.1	12.6	
RC644	RC	733,080	6,893,128	500	-60	130	140	Indomitable	69	75	6	2.4	14.4	Indomitable
	ii.c	, 55,000	0,033,120	300	00	130	140	incl.	70	71	1	7.4	7.4	domitable
RC645	RC	733,142	6,893,025	500	-60	130	80	Indomitable	2	12	10	1.0	9.9	Indomitable
RC646	RC	733,142	6,893,049	500	-60	130	104	Indomitable	2	7	5	0.3	1.5	Indomitable
110040	nc nc	/33,10/	0,055,045	300	-00	130	104	and	22	23	1	1.1	1.1	muonintable
RC647	RC	733,077	6,893,075	500	-60	130	122	and Indomitable	39 47	50 63	11 16	0.4	11.6	Indomitable
nC04/	RC.	/55,0//	0,093,075	500	-60	130	122						6.8	Indomitable
								incl.	47 51	58 52	11	0.5	5.6	
								and incl.	51 71	52	1	1.2	1.2	
DCC 40	P.C	722.054	6 902 007	500	60	120	104	and	71	73	2	0.2 NCD	0.4	Index:
RC648	RC RC	733,051	6,893,097	500	-60	130	164	Indomitable	0	10	2	NSR	0.5	Indomitable
RC649	RC	733,329	6,892,809	500	-60	130	122	Indomitable	8	10	2	0.2	0.5	Indomitable
								and	40	44	4	0.3	1.1	
								and	80	89	9	0.4	4.0	
DOCEC	D.C.	700.074	6.000.000			400	115	incl.	83	89	6	0.5	3.1	1. 1
RC650	RC	733,271	6,892,862	500	-60	130	110	Indomitable				NSR		Indomitable
RC651	RC	733,239	6,892,887	500	-60	130	122	Indomitable				NSR		Indomitable
RC652	RC	733,367	6,892,726	500	-60	130	110	Indomitable	7	9	2	0.2	0.4	Indomitable
								and	32	34	2	0.3	0.6	
RC653	RC	733,332	6,892,755	500	-60	130	122	Indomitable	8	10	2	0.2	0.4	Indomitable
								and	27	29	2	0.3	0.5	
								and	52	55	3	0.5	1.5	
								and	66	72	6	0.3	1.6	
								and	74	77	3	0.6	1.7	
								and	88	94	6	0.5	2.8	
								incl.	91	94	3	0.6	1.9	



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

Hole_ID	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	_MaxDept	Prospect	From(m)	To(m)	Interval(m)	Au_g/t	g/t*m_Au	Comments
SRC654	RC	733,308	6,892,724	500	-60	130	152	Indomitable	7	12	5	1.4	7.1	Indomitable
								incl.	8	10	2	2.3	4.5	
								and	23	27	4	0.4	1.5	
								and	36	40	4	0.3	1.2	
								and	82	86	4	0.4	1.4	
								and	128	132	4	0.4	1.6	
								incl.	130	132	2	0.5	1.0	
								and	135	137	2	0.4	0.7	
								and	142	144	2	0.7	1.4	
SRC655	RC	733,280	6,892,751	500	-60	130	122	Indomitable	9	16	7	2.1	14.6	Indomitable
								and	38	50	12	0.5	6.6	
								incl.	38	45	7	0.7	4.9	
								and	47	49	2	0.6	1.1	
								and	66	68	2	0.2	0.4	
								and	71	76	5	0.3	1.5	
								and	80	87	7	0.5	3.2	
								incl.	80	84	4	0.5	2.1	
SRC656	RC	733,245	6,892,774	500	-60	130	104	Indomitable	8	13	5	0.3	1.4	Indomitable
SRC657	RC	733,228	6,892,741	500	-60	130	104	Indomitable	91	100	9	0.4	3.9	Indomitable
								incl.	95	100	5	0.6	3.0	
SRC658	RC	733,348	6,892,587	500	-60	130	110	Indomitable	6	11	5	0.5	2.5	Indomitable
								incl.	6	10	4	0.5	2.2	
SRC659	RC	733,324	6,892,613	500	-60	130	116	Indomitable	8	11	3	1.7	5.2	Indomitable
								and	92	101	9	1.9	16.8	
								incl.	97	98	1	5.3	5.3	
SRC660	RC	733,299	6,892,839	500	-60	130	164	Indomitable	10	12	2	0.3	0.5	Indomitable
								and	147	151	4	0.6	2.4	
								incl.	150	151	1	1.1	1.1	
SRC661	RC	733,275	6,892,801	500	-60	130	140	Indomitable	8	13	5	0.4	1.8	Indomitable
								incl.	9	11	2	0.6	1.1	
SRC662	RC	733,252	6,892,717	500	-60	130	134	Indomitable	7	12	5	0.4	1.8	Indomitable
								incl.	8	10	2	0.6	1.1	
								and	50	53	3	0.3	0.9	
								and	55	58	3	0.3	0.8	
								and	65	82	17	0.7	11.6	
								incl.	66	75	9	1.0	9.2	
SRC663	RC	733,293	6,892,583	500	-60	130	140	Indomitable	7	11	4	1.4	5.8	Indomitable
								incl.	8	10	2	2.1	4.1	
								and	39	44	5	0.4	2.0	
								and	59	104	44	2.0	88.0	
								incl.	84	98	14	3.2	44.4	
								and	109	110	1	1.4	1.4	



# JORC Code, 2012 Edition Table 1 – Section 1 Sampling Techniques and Data

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 MinAnalytical Laboratory Services Pty Ltd ("MinAnalytical").
	Field duplicate samples were collected using a second calico bag on the drill rig cyclone.
Drilling techniques	RC drilling program used a KWL 350 drill rig with an onboard 1100cfm/350psi compressor and a truck mounted 1000cfm auxiliary and 1000psi booster.
	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 and there were no reported issues.
	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 resource 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.
propuration	• Samples submitted for analysis via Photon assay technique were dried, crushed to nominal 85% passing 2mm, linear 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 samples 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 second calico bag on the drill rig cyclone.
	• Laboratory Certified Reference Materials and/or in-house controls, blanks, splits and replicates are analysed with each batch of samples by the laboratory. These quality control results are reported along with the sample values in the final report. Selected samples are also re-analysed to confirm anomalous results.
	<ul> <li>Laboratory and field QA/QC results are reviewed by Alto Metals personnel.</li> </ul>
Verification of	
sampling and	<ul> <li>All significant intersections are reviewed by alternative company personnel.</li> <li>The drilling program included extension and infill drill holes therefore twinned holes were not applicable.</li> </ul>
assaying	<ul> <li>Field data is recorded on logging sheets and entered into excel prior to uploading to and verification in Micromine</li> </ul>
	and Datashed.
Location of	Laboratory data is received electronically and uploaded to and verified in Micromine and Datashed.
Location of data points	All data is reported based on GDA 94 zone 50.  Alto used handhold Cormin CDS to leasts and record drill college positions, accurate to 1/5 metres (northing and
	<ul> <li>Alto used handheld Garmin GPS to locate and record drill collar positions, accurate to +/-5 metres (northing and 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 to 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

Item	Comments
Mineral tenement and land tenure	<ul> <li>Alto's Sandstone Project is located in the East Murchison region of Western Australia and covers approximately 900 km² with multiple prospecting, exploration and mining licences all 100% owned by Sandstone Exploration Pty Ltd, which is a 100% subsidiary of Alto Metals.</li> <li>To date there has been no issues obtaining approvals to carry out exploration.</li> <li>Royalties include up to 2% of the Gross Revenue payable to a third party, and a 2.5% royalty payable</li> </ul>
	to the State Government.
Exploration done by other	Historically gold was first discovered in the Sandstone area in the 1890's.
parties	No mining has been carried out other than at Indomitable East in the early 1900s.
partios	<ul> <li>Previous work carried out by Troy involved surface geochemistry, geophysics, geological mapping, drilling and mineral resource estimation.</li> </ul>
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.



Item	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	Preliminary gold recovery test work has been carried out by Alto in addition to the historical mining and production records.
data	There are no known deleterious elements.
Further work	Alto has planned further RC infill and extension drilling.