

21 July 2017

Ms Anjuli Sinniah
Senior Adviser, Listings Compliance (Perth)
ASX Compliance Pty Ltd
Level 40, Central Park,
152-158 St Georges Terrace
Perth WA 6000

Dear Ms Sinniah

Re: Alto ASX release dated 20 July 2017- Further high-grade intercepts from Vanguard North prospect, Sandstone WA

In response to your query regarding the captioned ASX release, please find the original release amended by the inclusion of a suitably dated JORC Table 1.

Yours faithfully

A handwritten signature in blue ink, appearing to read 'D. Ryan'.

Dermot Ryan
Managing Director

CORPORATE**ASX Code: AME****ACN 159 819 173****Board of Directors**Dr Jingbin Wang
Non-Executive ChairmanDermot Ryan
Managing DirectorStephen Stone
Terry Wheeler
Non-Executive DirectorsCompany Secretary &
Chief Financial Officer
Sam Middlemas**Capital Structure**
Issued Shares: 151.8M
Issued Options: Nil
Performance Shares: 25M
Performance Rights: 10.75M**Website:**www.altometals.com.auFor further information,
please contact:Dermot Ryan
Managing DirectorLuke Forrestal
Media & Capital Partners
+61 411 479144

Tel: 61 8 9381 2808

Fax: 61 8 9381 5545

admin@altometals.com.au**Further high-grade (>15g/t) intercepts from Vanguard North prospect, Sandstone WA**

SAC108	:	3m	@	8.8g/t Au	from	45m
Incl.		1m	@	22.2g/t Au	from	45m
SAC115	:	3m	@	8.2g/t Au	from	28m
Incl.		1m	@	21.6g/t Au	from	28m
SAC117	:	4m	@	5.4g/t Au	from	65m
Incl.		1m	@	19.4g/t Au	from	65m
SAC105	:	4m	@	5.2g/t Au	from	64m
Incl.		1m	@	18.4g/t Au	from	66m
SAC119	:	6m	@	3.3g/t Au	from	71m
Incl.		1m	@	17.7g/t Au	from	74m

- Continuity confirmed over 200m by drilling, open along strike and down dip
- Gold mineralisation detected in multiple shallow-dipping shear zones
- Excellent intercepts also returned from Vanguard area
- Host rocks and style of mineralisation considered similar to historic Oroya Mine (440,000t @16.5g/t Au for 230,000oz)
- Follow-up reverse circulation (RC) drilling underway at Vanguard North and Vanguard to test below oxide zone for primary mineralisation and stacked lodes
- Initial RC drilling results expected late July-early August
- Objective is to rapidly define a maiden JORC Mineral Resource at Vanguard to add to existing Sandstone resource inventory and initial objective of 1.0Moz

Alto's MD Dermot Ryan commented: *"Alto is very encouraged by results from its first drilling campaign in the vicinity of the historic Vanguard North workings where the host rocks, structure and nature of the mineralisation bear a strong similarity to Sandstone's Oroya Mine, which produced 230,000 ounces of gold from 440,000t of ore at 16.5g/t gold."*

"We are continuing to drill at Vanguard North and Vanguard to test the extent and grade of mineralisation down dip from the oxide zone."

INTRODUCTION

Alto Metals Limited (ASX: AME) (“Alto”, “The Company”) is pleased to announce highly encouraging fire assay results for 1metre aircore samples from the Vanguard North and Vanguard prospects, situated within its wholly owned 720km² Sandstone Gold Project in Western Australia, which covers the majority of the Archaean Sandstone Greenstone Belt.

The historical workings at Vanguard and Vanguard North are within a sequence of northwest trending mafic volcanics (metabasalt and dolerite). Gold mineralisation is mainly associated with broad zones of quartz veins and sulphides. The historic workings are separated by a 1,200m long zone of laterite, which contains no historic workings.

In April/May 2017, Alto established a NW-SE local grid and drilled 30 AC holes around the Vanguard historic workings, and southeast of the historic Vanguard North workings. Figure 1 below shows the surficial geology of the area and the locations of Alto’s AC drill holes.

Holes drilled by Alto to the east of Vanguard North have produced several **high grade 1m assays** (Table 1 overleaf) and demonstrated continuity of ~200m of strike of shallow southwest dipping gold mineralisation, which is open to the northwest and southeast, and at depth (Refer Figure 2 for hole locations, and Figures 3 - 6 for cross sections).

A 3,000 metre RC drilling program is underway to test below the shallow oxide gold zones at Vanguard North and Vanguard, and to define the nature and grade of gold mineralisation in the primary zones at both prospects.

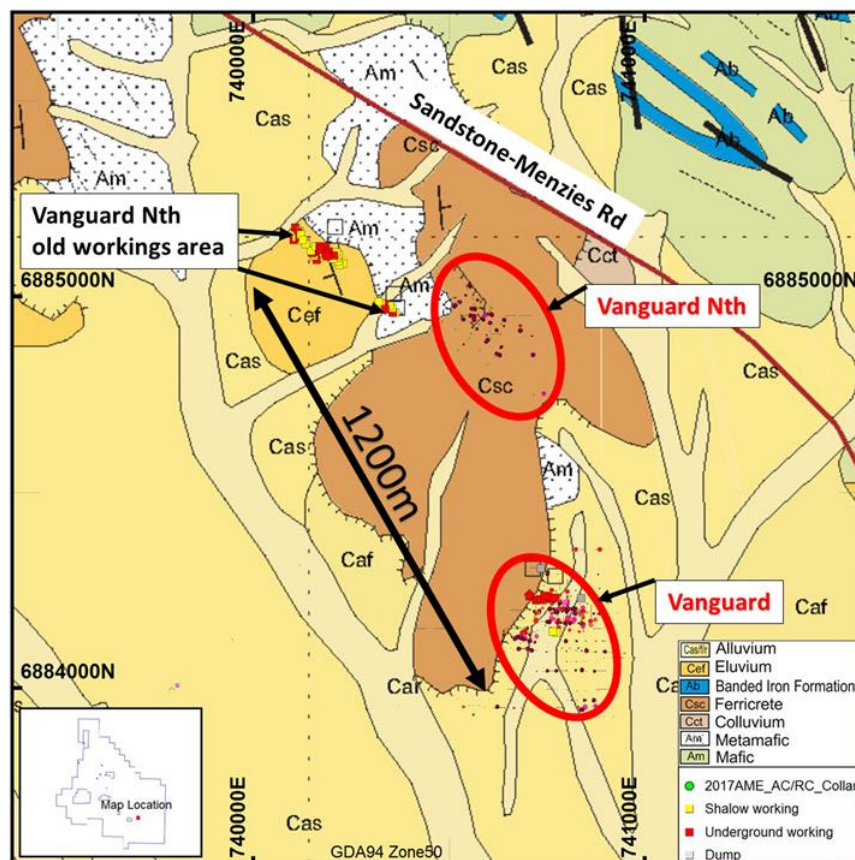


Figure 1. Vanguard & Vanguard North Prospects, Alto 2017 SAC drill holes over Geology

VANGUARD NORTH

Gold mineralisation was initially discovered at Vanguard North in 1999 by Troy Resources' shallow vertical RAB drilling (LWR series holes), with an intersection in hole LWR067 of 5m @ 4.5g/t Au from 10m depth and an intersection in hole LWR058 of 5m @ 3.9g/t Au from 30m depth. Troy called the prospect "Beefwood". Following further vertical drilling, Troy undertook angled RAB (TAR series holes) and some AC and RC drilling on east-west and north-south sections.

Troy reported that the mineralisation consisted of quartz veining in deeply weathered microgabbro and dolerite, covered by 10-15m of laterite but did not pursue the mineralisation vigorously.

In May 2017, Alto followed up the Troy results with 17 angled AC holes on a NW-SE based grid (Figure 2) for a total of 1,255 metres (SAC103 – SAC119, av. 74 metres) and on 20 June 2017, reported a number of high grade gold intersections from 4 metre composite samples within several southwest dipping quartz vein systems.

New 50gm Fire Assay results from 1 metre aircore samples have further defined the strike and dip of these high grade planar quartz vein systems which are open along strike and down dip. (Figures 3 – 6) Assay results greater than 1.5g/t Au are shown below in Table 1 below, and complete results from 1 metre samples (+0.5g/t Au) are tabulated in Appendix A.

Table 1. Vanguard North, Significant Gold Results, 1m AC Samples +1.5g/t Au, 50gm Fire Assay

Hole ID	East GDA94	North GDA94	Hole Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
SAC103	740547	6885018	84	19	20	1	2.72
SAC105	740495	6884952	72	55	56	1	2.40
and				64	68	4	5.21
incl.				66	67	1	18.40
SAC107	740563	6884979	71	30	31	1	2.08
SAC108	740543	6884951	63	45	48	3	8.80
incl.				45	46	1	22.19
SAC109	740515	6884916	73	65	67	2	4.91
incl.				66	67	1	7.96
SAC112	740576	6884928	65	34	35	1	4.75
SAC113	740551	6884893	72	63	64	1	2.24
SAC115	740632	6884929	67	28	31	3	8.23
incl.				28	29	1	21.65
SAC116	740606	6884895	71	47	50	3	2.11
SAC117	740578	6884864	72	50	51	1	2.45
and				65	69	4	5.38
incl.				65	66	1	19.38
SAC118	740616	6884850	76	56	57	1	2.15
SAC119	740598	6884825	82	71	77	6	3.34
and				74	75	1	17.70

Vanguard North holes (SAC103 -SAC119) were drilled on azimuth 040° and dip -60°.

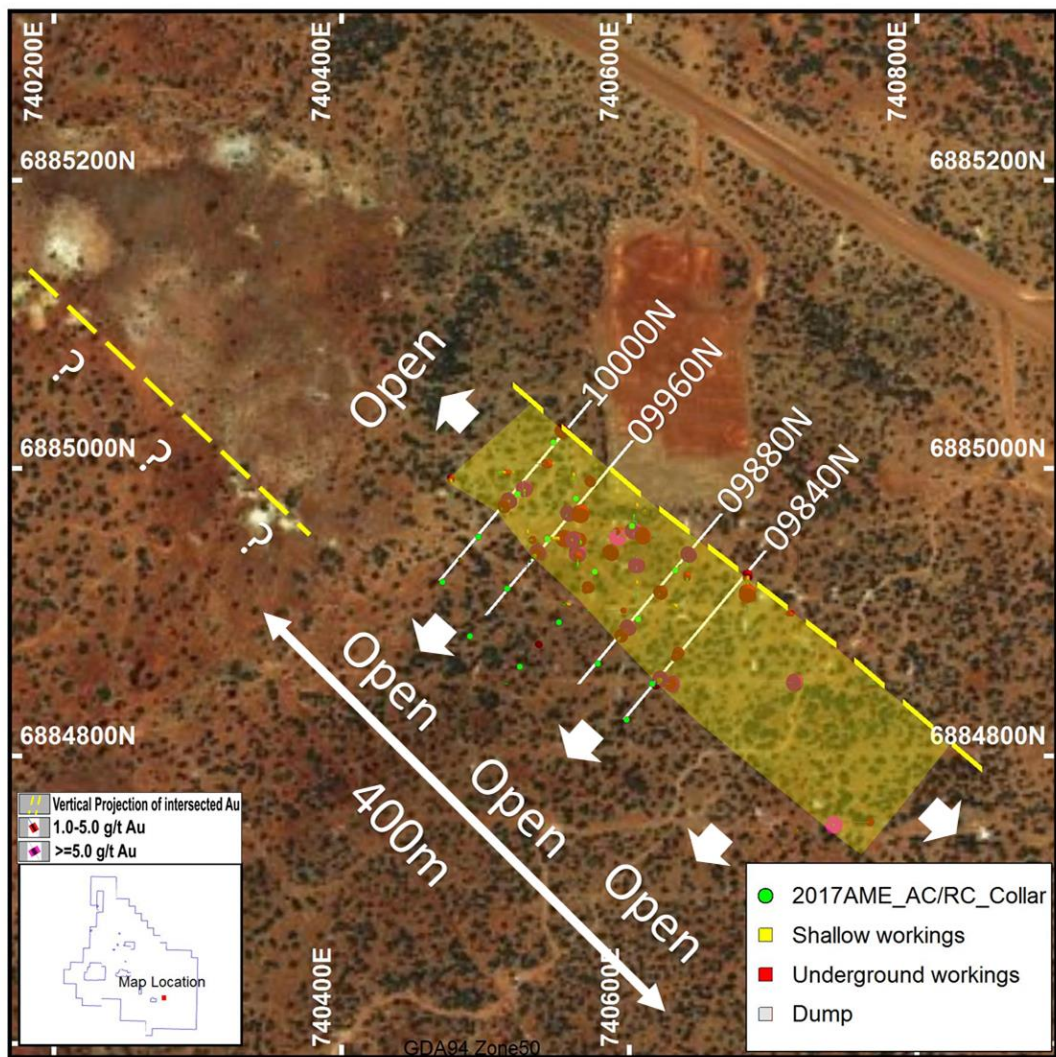


Figure 2. Vanguard North, Alto 2017 SAC drill hole Locations



RC Drilling now underway at Vanguard North – results awaited

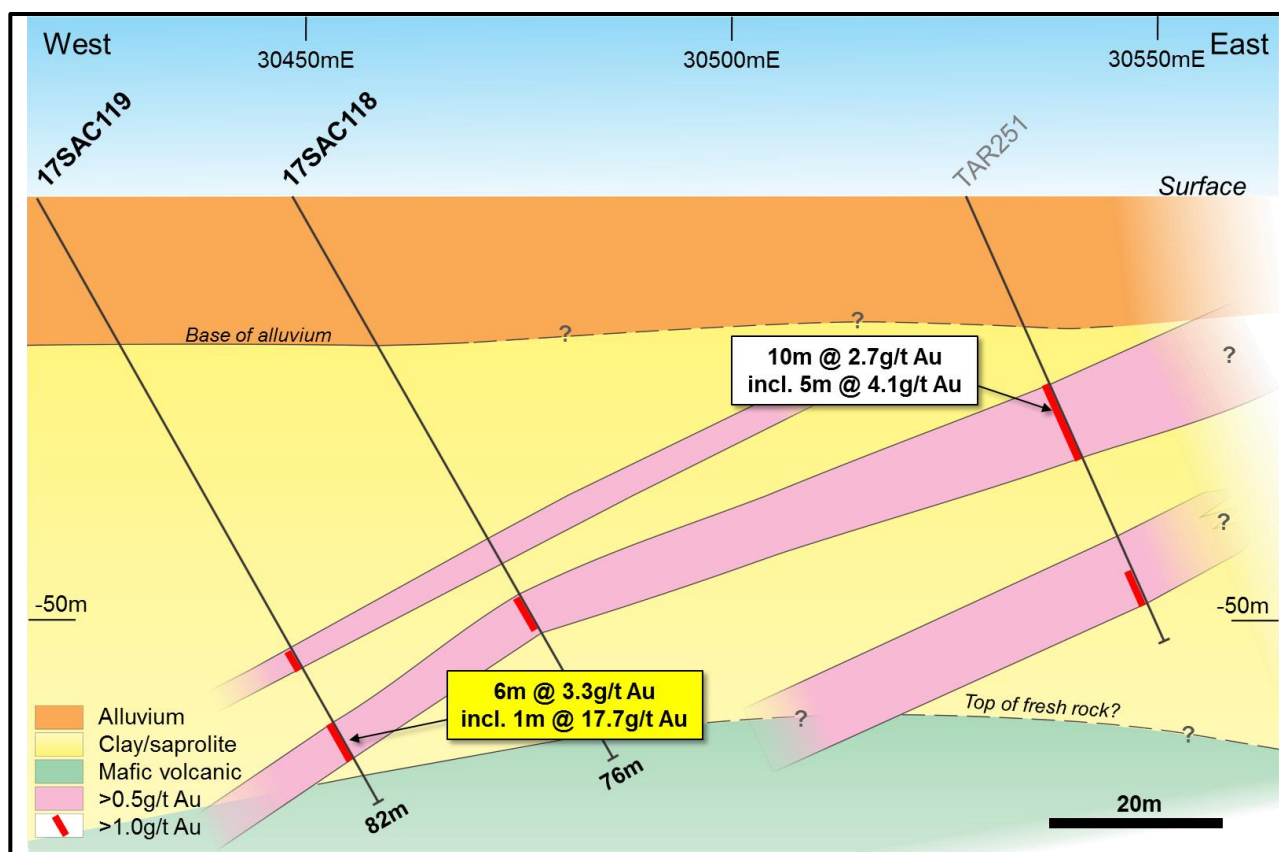


Figure 3. Vanguard North Section 9,840mN, Alto's SAC holes (black), Troy hole (grey)

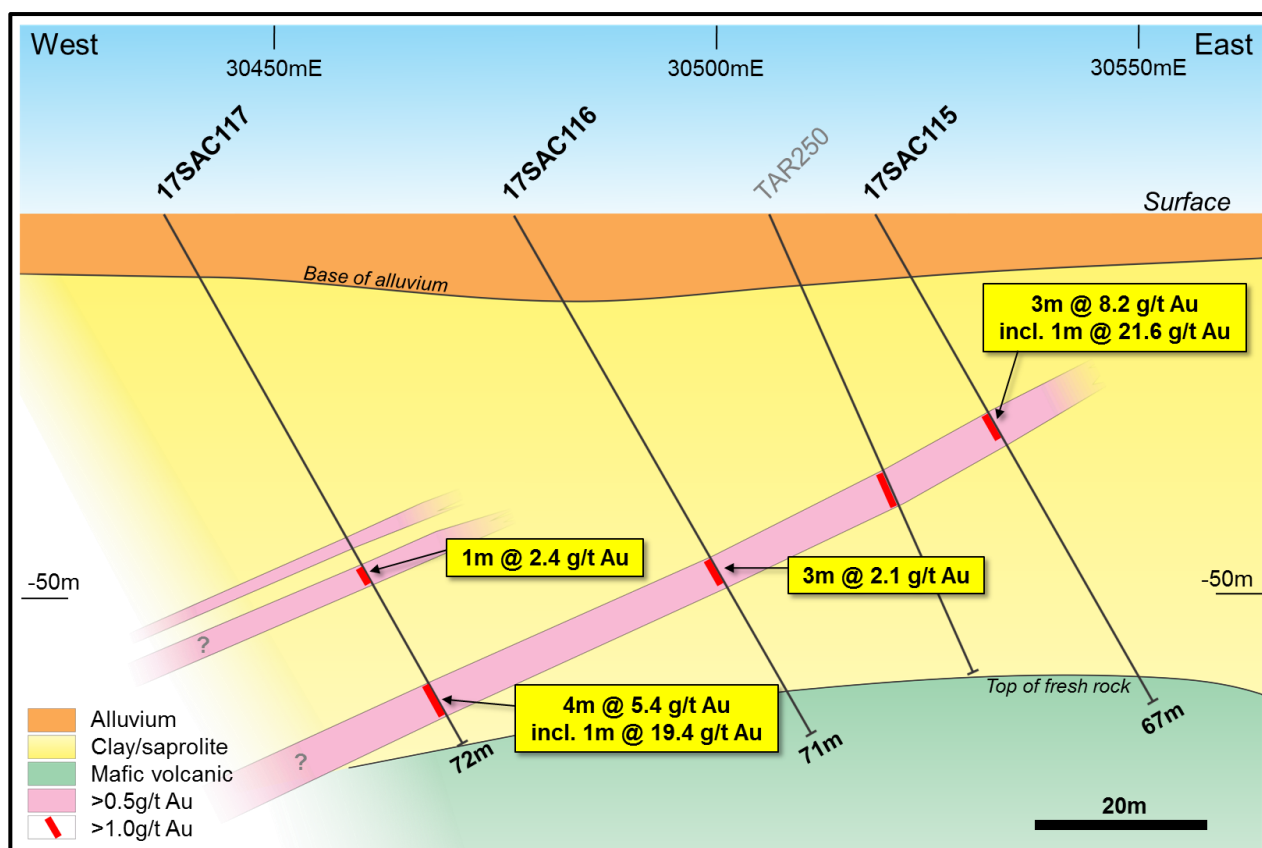


Figure 4. Vanguard North Section 9,880mN, Alto's SAC holes (black), Troy hole (grey)

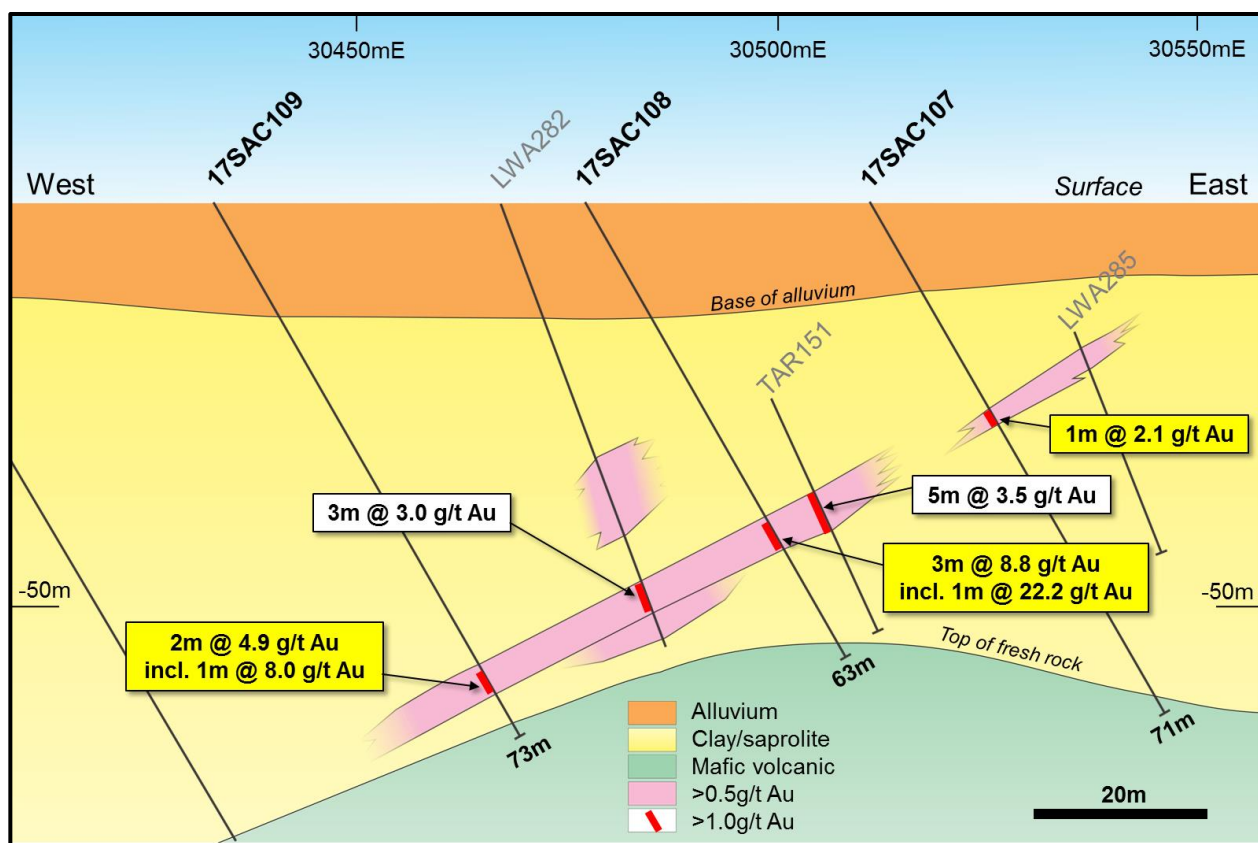


Figure 5. Vanguard North Section 9,960mN, Alto's SAC holes (black), Troy holes (grey)

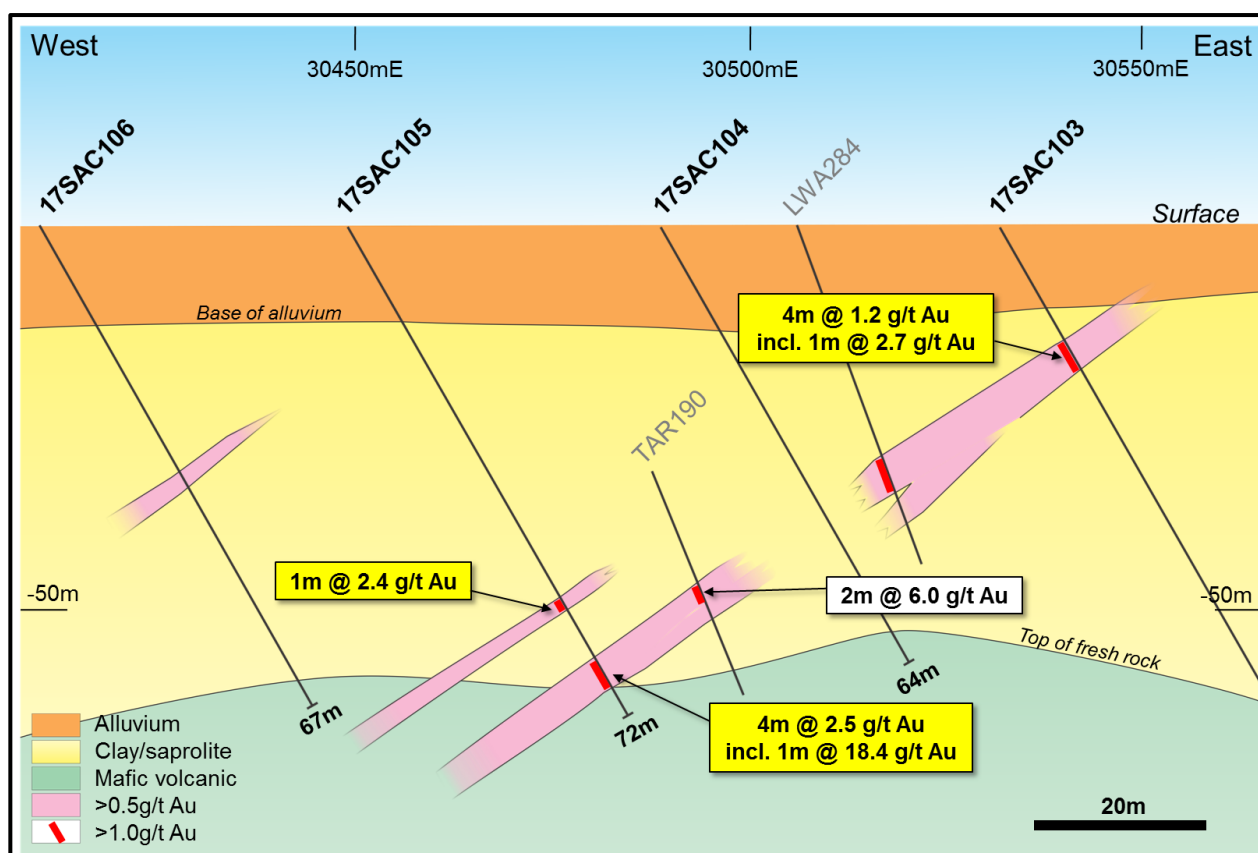


Figure 6. Vanguard North Section 10,000mN, Alto's SAC holes (black), Troy holes (grey)

VANGUARD PROSPECT

Herald Resources undertook RAB and RC drilling around the old Vanguard workings (on ML57/22) in 1999, and estimated a mineral resource of 330,000t at 1.57g/t Au for 16,657oz. (Kirkpatrick, 1999).

Troy Resources undertook shallow RAB, AC and RC drilling at Vanguard between 1999-2003 and in 2007, drilling on east-west and north-south grids. Snowden reported a JORC 2004* compliant resource for **Vanguard** in an NI43-101 report for Troy as follows:

Indicated Mineral Resource: 105Kt at 1.50 g/t Au for 5.06Koz

Inferred Mineral Resource: 225Kt at 1.60 g/t Au for 11.57Koz

Cautionary Note: The above resource estimate is a historical resource estimate, and while the resource estimate was undertaken by competent professionals, a qualified person has not done sufficient work to classify the historical estimate as a JORC 2012 mineral resource, and the historical estimate should not be relied upon.

Alto drilled 13 AC holes at **Vanguard** for a total of 979 metres (SAC090 – SAC102, av. 75 metre depth) with high grade gold results from 4 metre composite samples reported to the ASX on 20 June 2017.

Fire Assay results from 1 metre samples have further defined the high grade shear hosted quartz vein system. Complete +0.5g/t Au results for Vanguard are tabulated in Appendix 1.

Table 2. Vanguard, Significant Gold Results, 1m AC Samples +1.5g/t Au, 50gm Fire Assay

Hole ID	East GDA94	North GDA94	Hole Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
SAC090	740697	6884154	74	27	30	3	3.85
incl.				29	30	1	9.74
SAC091	740720	6884183	93	81	82	1	1.84
SAC092	740747	6884214	79	26	27	1	2.14
and				52	58	6	2.82
incl.				54	56	2	5.70
SAC093	740773	6884247	76	33	37	4	3.56
incl.				36	37	1	12.57
and				41	42	1	1.81
SAC094	740746	6884159	74	63	70	7	1.74
incl.				69	70	1	3.80
SAC095	740776	6884186	60	27	29	2	1.67
SAC096	740800	6884224	58	9	13	4	2.42
incl.				9	10	1	8.52
and				16	26	10	2.17
incl.				17	18	1	6.07
and				57	58	1	2.94
SAC098	740831	6884188	61	30	31	1	2.63
and				40	49	9	1.98
incl.				42	43	2	3.19
and				47	48	1	7.95
SAC099	740853	6884216	64	53	61	8	2.61
incl.				56	59	3	5.19
				57	58	1	9.52
SAC101	740894	6884199	110	62	67	5	1.90
incl.				63	66	3	2.11
and				98	99	1	3.71

Vanguard holes (SAC090 -SAC102) were drilled on azimuth 220° and dip -60°.

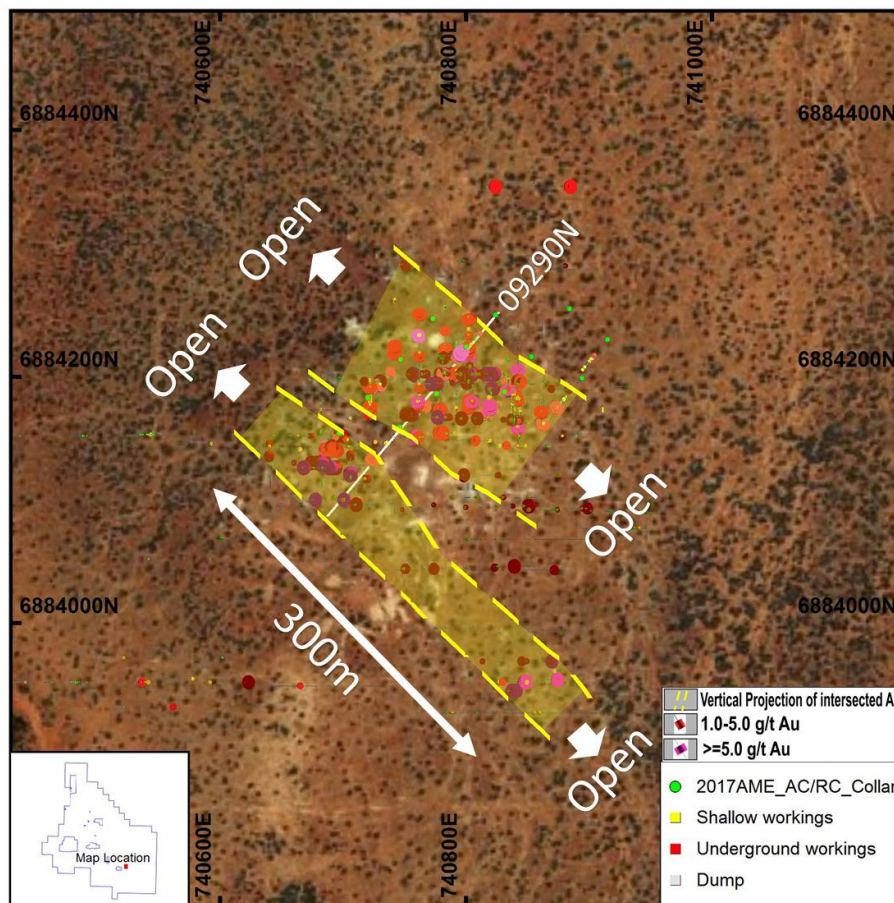


Figure 7. Vanguard, Alto 2017 SAC drill hole Locations

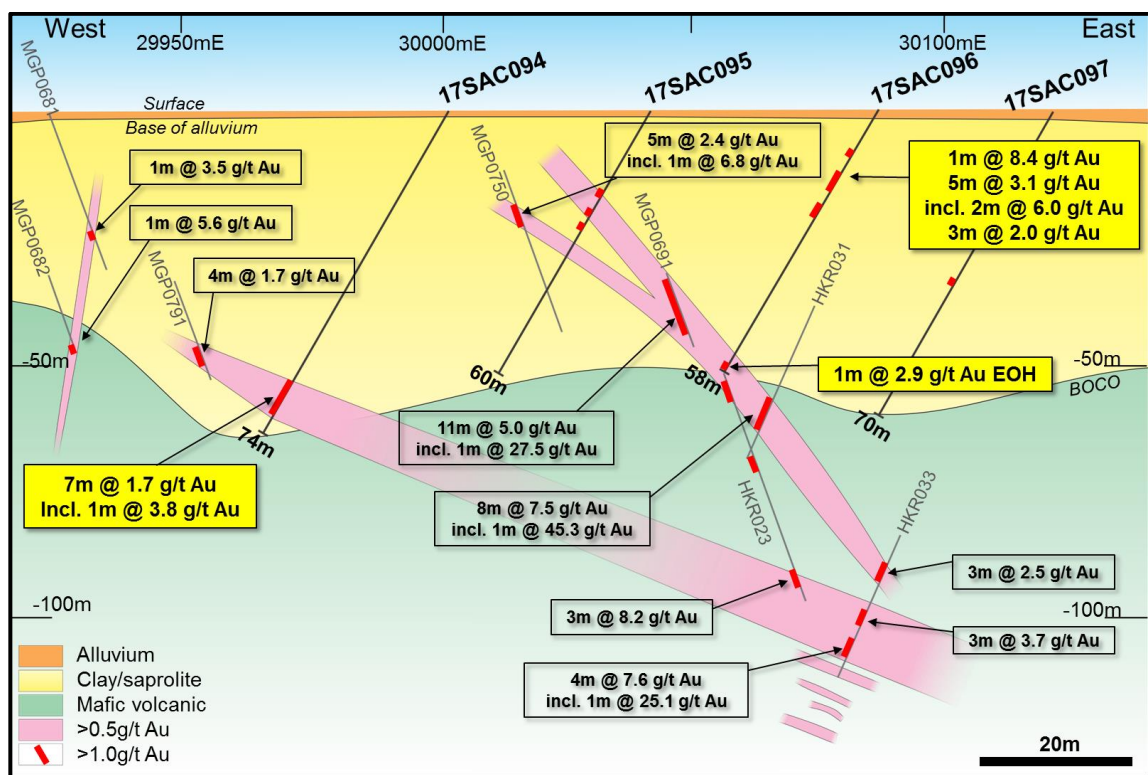


Figure 8. Vanguard Section 9,290mN, Alto's SAC holes (black), Troy holes (grey)

Vanguard North: Comparison to the Oroya Mine?

The historic Oroya (Black Range) Mine located just east of the Sandstone township occurs within a sequence of metabasalt and metadolerite containing thin sedimentary marker beds. The major gold bearing quartz reef ("Sandstone Reef") occurs within a dilatatory shear zone.

The Sandstone Reef extends over a strike length of ~1,000 metres, and to a down-dip depth of 350 metres (vertical depth 140 metres). There are several parallel branches to this main reef, of which the Juno Branch is the most important.

Between 1906 and 1913, ~312,000t @ 15.7g/t was mined from the Oroya deposit, (producing 157,300 oz) and between 1913 and 1925, the Youanmi GM Co Ltd operating Oroya (and neighbouring areas at Sandstone) treated ~462,000t @ 13.9g/t for 206,000oz.

These reefs in general range from less than 1 metre to about 3 metres wide, and are composed of quartz, quartz-carbonate, brecciated quartz and carbonate altered mafic rock. They occur within sheared country rock with carbonate alteration halos up to 15 metres in width.

The host lithology (metabasalt and dolerite), structure and nature of the mineralisation at Vanguard North and Vanguard show a strong similarity to the top 50 – 75 metres of the Oroya-Sandstone Reef.

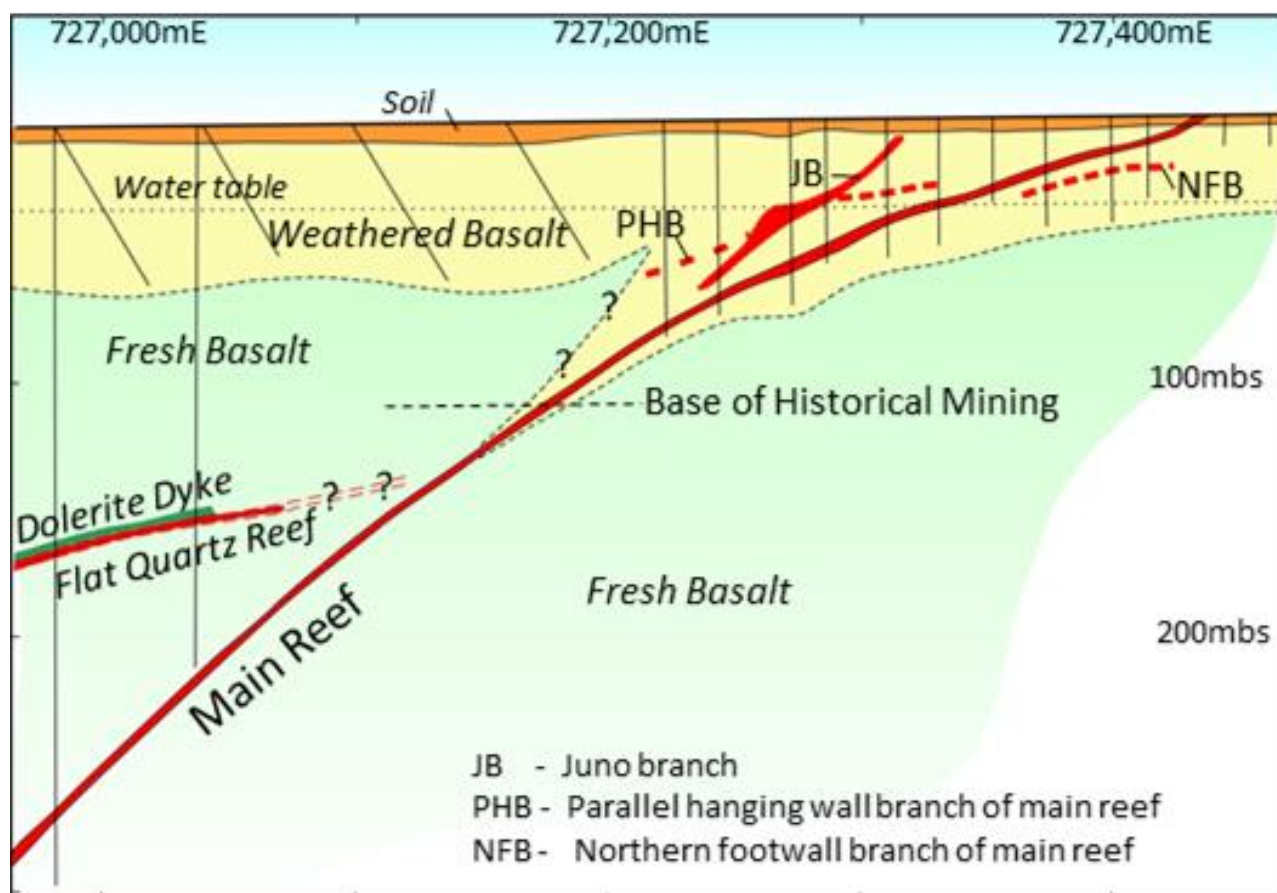


Figure 9. Cross Section through the Oroya Mine Sandstone Reef

Alto Metals Objectives and Strategy

Alto has two main objectives at its 100% owned 720km² Sandstone Gold Project in Western Australia:

- In the short term, the delineation of relatively shallow gold deposits (new deposits such as Vanguard North and Indomitable, and existing deposits such Lord Nelson and Lord Henry) that can be economically developed as small mining projects (SMP's) and trucked to one of several operating gold treatment facilities in the region.
- In the medium to longer term, the discovery of major “West Australian class” (+1 million ounce) high-grade oxide and/or primary gold deposits, which could become the basis for major new mining operations with their own processing facility.

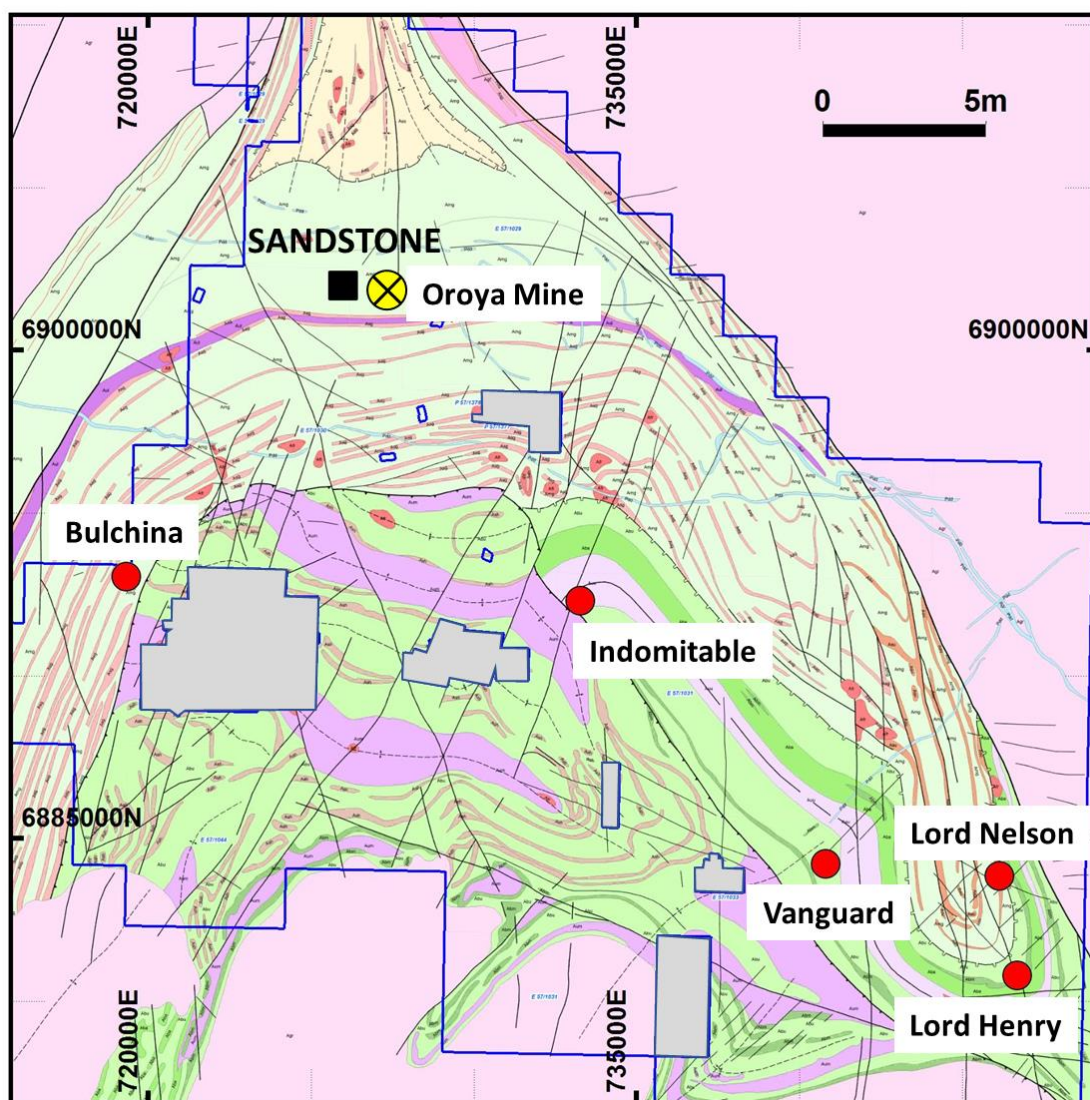


Figure 10. Prospects drilled by Alto 2016-2017 over Sandstone Geology and Alto Landholdings

Further information:

Dermot Ryan
Managing Director
+61 8 9381 2808

Luke Forrestal
Media & Capital Partners
+61 411 479144

Competent Person Statement

The information in this Report that relates to Exploration Targets and 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 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. Mr Ryan consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

Historic exploration results and mineral resources referred to in this Report were previously reported by Troy Resources NL pursuant to JORC Code 2004. Alto Metals Limited understands that this information has not been updated since to comply with the JORC Code 2012, but believes the information has not materially changed since it was last reported.

For details of Alto's 2017 aircore drilling program at Vanguard North and Vanguard, please refer to:

JORC Code, 2012 Edition – Table 1 Report 20 June 2017 – Sandstone Project

In AME: ASX Release 20 June 2017: “High grade gold discovery east of Vanguard North, Sandstone”

<http://www.asx.com.au/asxpdf/20170620/pdf/43k1gzdmx5js6h.pdf>

References

- | | | |
|-----------------------|------|--|
| Otterman, D. | 2010 | Sandstone Project, Combined Annual Report (C285/2005) for Period 1 January 2009 to 31 December 2009. Troy Resources NL Open File report to Department of Industry and Resources. WAMEX A086313 |
| Lowe, K. & Ross, A. F | 2007 | National Instrument 43-101 Technical Report on Sandstone Project, Mid-West Region WA, prepared by Snowden for Troy Resources NL. |
| Dixon, K. | 2002 | Edale Project, Sandstone WA. Troy Resources NL Annual Report 2001-2002 Open File report to Department of Industry and Resources. |
| Dixon, K. | 2003 | Edale Project, Sandstone WA. Troy Resources NL Annual Report 2002-2003 Open File report to Department of Industry and Resources. |
| Ringrose, C. R. | 2000 | Edale Project, Sandstone WA. Troy Resources NL Annual Report 1999-2000 Open File report to Department of Industry and Resources. |
| Greenaway, L. | 1999 | Progress Report on Exploration Activities Edale JV Project for the Period 7 February to 31 July 1999. Herald Resources Open File report to Department of Industry and Resources. |
| Kirkpatrick, B.L. | 1999 | Block Model Mineral Resource for the Vanguard prospect. Herald Resources Open File report to Department of Industry and Resources. |

APPENDIX A

Table 1. Vanguard North, Alto Gold Intersections +0.5g/t Au (1m samples, 50gm Fire Assay)

Hole ID	East GDA94	North GDA94	Hole Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
SAC103	740547	6885018	84	19	20	1	2.72
SAC105	740495	6884952	72	55	56	1	2.40
and				64	68	4	5.21
incl.				66	67	1	18.40
SAC106	740470	6884921	67	37	40	3	0.51
SAC107	740563	6884979	71	30	31	1	2.08
SAC108	740543	6884951	63	45	48	3	8.80
incl.				45	46	1	22.19
SAC109	740515	6884916	73	58	61	3	0.56
and				65	67	2	4.91
incl.				66	67	1	7.96
SAC111	740602	6884960	78	25	26	1	0.79
SAC112	740576	6884928	65	34	35	1	4.75
SAC113	740551	6884893	72	57	58	1	1.25
and				63	65	2	1.56
incl.				63	64	1	2.24
SAC114	740524	6884862	84	40	41	1	1.37
and				80	81	1	0.62
SAC115	740632	6884929	67	28	31	3	8.23
incl.				28	29	1	21.65
SAC116	740606	6884895	71	47	50	3	2.11
SAC117	740578	6884864	72	44	45	1	0.61
and				50	51	1	2.45
and				65	69	4	5.38
incl.				65	66	1	19.38
SAC118	740616	6884850	76	47	50	3	0.81
and				54	58	4	1.33
incl.				56	57	1	2.15
SAC119	740598	6884825	82	62	64	2	1.22
and				71	77	6	3.34
incl.				74	75	1	17.70

Holes SAC103 -SAC119 drilled on dip -60°, azimuth 040°

Table 2. Vanguard, Alto Gold Intersections +0.5g/t Au (1m samples, 50gm Fire Assay)

Hole ID	East GDA94	North GDA94	Hole Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
SAC090	740697	6884154	74	8	9	1	1.30
and				19	20	1	0.55
and				27	30	3	3.85
incl.				29	30	1	9.74
and				52	55	3	1.07
and				57	58	1	1.20

Table 2 Cont'd. Vanguard, Alto Gold Intersections +0.5g/t Au (1m samples, 50gm Fire Assay)

Hole ID	East GDA94	North GDA94	Hole Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
SAC091	740720	6884183	93	81	82	1	1.84
SAC092	740747	6884214	79	26	27	1	2.14
and				52	58	6	2.82
incl.				54	56	2	5.70
SAC093	740773	6884247	76	33	37	4	3.56
incl.				36	37	1	12.57
and				41	42	1	1.81
SAC094	740746	6884159	74	31	32	1	0.67
and				34	35	1	0.83
and				63	70	7	1.74
incl.				69	70	1	3.80
SAC095	740776	6884186	60	19	20	1	1.18
and				21	22	1	0.87
and				24	25	1	1.25
and				27	29	2	1.67
SAC096	740800	6884224	58	9	13	4	2.42
incl.				9	10	1	8.52
and				16	26	10	2.17
incl.				17	18	1	6.07
and				57	58	1	2.94
SAC097	740824	6884250	70	39	40	1	1.10
and				60	61	1	0.53
and				62	63	2	0.60
SAC098	740831	6884188	61	1	3	2	1.02
and				28	35	7	0.90
incl.				30	31	1	2.63
and				40	49	9	1.98
incl.				42	43	2	3.19
and				47	48	1	7.95
SAC099	740853	6884216	64	53	61	8	2.61
incl.				56	59	3	5.19
				57	58	1	9.52
SAC101	740894	6884199	110	44	46	2	0.74
and				62	67	5	1.90
incl.				63	66	3	2.11
and				96	100	4	1.43
incl.				98	99	1	3.71
SAC102	740915	6884230	75	33	34	1	1.07
and				40	41	1	0.78
and				42	43	1	0.59
and				45	46	1	0.68
and				57	58	1	0.62
and				63	64	1	0.70

Holes SAC090 -SAC102 drilled on dip -60°, azimuth 220°

APPENDIX B**Table 1. Vanguard North, Troy Resources NL Gold Intersections**

Hole ID	East GDA94	North GDA94	Hole Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)	Alto Section
TAR251	740682	6884899	60	25	35	10	2.7	09840N
incl.				25	30	5	4.1	
and				45	55	10	1.3	
TAR250	740640	6884906	63	35	40	5	1.3	09880N
LWA282	740528	6884951	65	35	45	10	0.7	09960N
and				52	60	8	1.7	
TAR151	740566	6884947	60	40	45	5	3.5	09960N
LWA285	740565	6885002	50	22	23	1	0.7	09960N
LWA284	740524	6885003	62	42	45	3	0.7	10000N
TAR190	740527	6884958	62	52	58	6	2.2	10000N
incl.				54	56	2	6.0	

Table 2. Vanguard, Troy Resources NL & *Herald Resources Gold Intersections

Hole ID	East GDA94	North GDA94	Hole Depth	From (m)	To (m)	Interval (m)	Grade (g/t Au)	Alto Section
MGP0681	740697	6884096	54	27	28	1	3.5	09290N
MGP0682	740674	6884100	54	53	54	1	5.6	
MGP0791	740692	6884117	60	52	56	4	1.7	
MGP0750	740744	6884169	52	21	26	5	2.4	
incl.				24	25	1	6.8	
MGP0691	740752	6884194	50	39	50	11	5.0	
incl.				49	50	1	27.5	
*HKR023	740749	6884202	129	58	59	1	2.7	
and				61	67	6	3.4	
and				78	81	3	2.8	
and				104	111	7	3.9	
incl.				105	108	3	8.2	
*HKR031	740792	6884237	129	66	74	8	7.5	
incl.				72	73	1	45.3	
*HKR033	740802	6884277	153	61	63	2	2.0	
and				87	91	4	1.2	
and				105	108	3	2.5	
and				113	114	1	4.4	
and				116	119	3	3.7	
and				122	126	4	7.6	
incl.				122	123	1	25.1	
and				133	134	1	1.2	
and				136	138	2	1.2	

JORC Code, 2012 Edition – Table 1 report
20 July 2017 – Sandstone Project
JORC (2012) Section 1 Sampling Techniques and Data
(Criteria in this section apply to all succeeding sections.)

Criteria	Commentary
Sampling techniques	<p>Drilling carried out by Alto Metals Ltd (2017)</p> <ul style="list-style-type: none"> AC samples were passed through a cross-over sub and whole, and whole samples were collected into poly-weave bags at 1 m intervals. Following field drying, the 1m samples were submitted to the laboratory directly for further drying and analysis. <p>Drilling carried out by Troy Resources NL (Troy) 1999-2009.</p> <ul style="list-style-type: none"> RC samples were passed directly from the in-line cyclone through a rig mounted multi-tier riffle splitter. Samples were collected in 1m intervals into bulk plastic bags and 1m 3Kg calico bags. AC samples were passed through a cross-over sub and whole, and whole samples were collected into plastic bags at 1 m intervals and then 5 m composite samples were collected. 5m composite samples were collected using a split PVC scoop and then submitted to the laboratory for analysis. The 1 m calico splits were submitted to the laboratory if the composite sample returned assay values equal to or greater than 0.2 g/t Au.
Drilling techniques	<p>Drilling carried out by Alto Metals Ltd (2016-2017)</p> <ul style="list-style-type: none"> AC/RC drilling with Drill Boss 200 rig with depth capacity of 150m, with a blade bit producing a sample of 85mm diameter and a down hole hammer bit producing a sample of 96mm diameter.
Drill sample recovery	<ul style="list-style-type: none"> AC samples were weighed at the laboratory following drying. Recoveries are still being assessed. Alto has no quantitative information on RC sample recovery.
Logging	<ul style="list-style-type: none"> AC drill chips were sieved from each 1 m sample and geologically logged. Due to the heavily oxidised nature of the drilled areas, a large portion of the samples consisted of clay. Washed drill chips from each 1 m sample were stored in chip trays and photographed. Geological logging of most drillhole intervals was done with sufficient detail to meet the requirements of resource estimation.
Subsampling techniques and sample preparation	<p>Drilling carried out by Alto Metals Ltd (2017)</p> <ul style="list-style-type: none"> MinAnalytical Laboratory Services Australia Pty Ltd located in Canningvale, Western Australia, were responsible for sample preparation and assaying for drillhole samples and associated check assays. MinAnalytical is certified to NATA in accordance with ISO 17025:2005 ISO requirements for all related inspection, verification, testing and certification activities. 3kg 4m composite AC samples were dried and then ground in an LM5 ring mill for 85% passing 75 Microns. AC samples were analysed using an Aqua Regia digest with an ICP/MS finish for gold and a limited suite of base metal elements. Ag, As, As, Bi, Cu, Ni, Pb, Sb, Te, W, Zn. 4m composite samples reporting greater than 2 ppm Au were re-analysed using 50 gm Fire Assay with AAS finish. 3kg 1m AC samples from within 4m composite sample intervals reporting +0.2ppm Au were dried, then crushed and homogenised to produce a 3 kg sample for the LM5 ring mill, then analysed by 50gm Fire Assay method.

Criteria	Commentary
Subsampling techniques and sample preparation (cont'd)	<p>Drilling carried out by Troy Resources NL (Troy) 1999-2009.</p> <ul style="list-style-type: none"> SGS Australia Pty Ltd (SGS) located in Perth, Western Australia, were responsible for sample preparation and assaying for drillhole samples and associated check assays. SGS at the time, were certified to the ISO 9001 requirements for all related inspection, verification, testing and certification activities. RAB, RC and AC samples were assayed using 50 g fire assay with AAS finish, and sample sizes were noted as being 2Kg.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> For all exploration work a minimum of one standard QC sample was submitted with each batch of samples. Standards were purchased from Gannet Holdings Pty Ltd (Gannet) in Perth, WA. The actual standard used was dependent on the expected assay results and type of sample being taken (i.e. oxide, transitional or fresh rock). The grade of the standard used was also routinely varied.
Verification of sampling and assaying	<ul style="list-style-type: none"> Alto has not conducted any independent verification of the assay data. Values below the analytical detection limit were replaced with half the detection limit value.
Location of data points	<ul style="list-style-type: none"> The Vanguard grid is a local grid with reference to GDA94. Alto used handheld Garmin GPS to locate and record drill collar positions, accurate to +/-5 metres. Alto's drill hole collar positions will be accurately located in GDA_94 space by a licensed surveyor in 2017. There is no documentation on the collar survey methodology or downhole surveys for Troy AC and RC holes. Although most Troy drill sites have been rehabilitated, the drill collars are still marked in the field by a strip of PVC protruding from the surface, and they can be accurately located in GDA_94 space by a licensed surveyor in 2017.
Data spacing and distribution	<ul style="list-style-type: none"> Troy's AC and RC drill holes at Indomitable were spaced between 20m and 200m apart. The Troy drill orientation for Indomitable was typically -60° towards 90° which was designed to intersect mineralisation perpendicular to the interpreted ore zones.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> As there is no outcrop in the Vanguard and Vanguard North areas, geological structures have been interpreted from drilling. The Troy drill orientation for Vanguard and Vanguard North was typically -60° on north south and east west grids. Alto's drill orientation at Vanguard North was -60° on 040° and Vanguard was -60° on 220°.
Sample security	<p>Drilling carried out by Alto Metals Ltd (2017)</p> <ul style="list-style-type: none"> Both 4m composite and 1m original AC drill samples comprised approximately 3 kg of material within a labelled and tied calico bag. 1m AC samples comprised approximately 6-12 kg of material within a labelled and tied polyweave bag. After wet samples were field dried, individual sample bags were placed in a larger plastic polyweave bulka bag that was labelled with the laboratory address and sender details and tied with cable ties.
Audits and reviews	<ul style="list-style-type: none"> Alto has reviewed and compiled the technical data for Vanguard and Vanguard North. No audit has been completed to date. The Mineral Resource Estimate published by Troy for Vanguard in 2011 (JORC 2004) was estimated by Herald Resources and reported by Snowden, who presumably had access to the Troy database for Vanguard. No details regarding the Vanguard resource estimation methodology or sections were published.

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

(Criteria in this section apply to all succeeding sections.)

Criteria	Commentary
Mineral tenement and land tenure	<ul style="list-style-type: none"> Alto's April-May 2017 drilling program was completed on Exploration Licences 57/2030 and E57/2031 granted on 20 September 2016 to Sandstone Exploration Pty Ltd, a wholly owned subsidiary of ASX listed Alto Metals Limited. The total project area covers approximately 724 km² with five exploration licences all granted on 20 September 2016 and three prospecting licences granted on 11 June 2016.
Exploration done by other parties	<ul style="list-style-type: none"> Previous work carried out by Troy and Herald Resources at Vanguard was described in Alto's ASX release dated 20 June 2017. At Vanguard, Herald Resources undertook RAB and RC drilling around the old Vanguard workings (on ML57/22) in 1999, and estimated a Mineral Resource of 330,000t at 1.57g/t Au for 16,657oz. Between 1999-2003 Troy explored ML57/22 and undertook shallow AC and RC drilling at both Vanguard and Vanguard North, drilling on east-west and north-south grids.
Geology	<ul style="list-style-type: none"> Interpreted geology of Vanguard and Vanguard North described in this report.
Drill hole information	<ul style="list-style-type: none"> Alto's April - May 2017 drill hole collar information and assay results +0.5 g/t Au reported in Appendix 1 of this report. Herald and Troy's drilling results for same area were published in Alto's ASX release dated 20 July 2017.
Data aggregation methods	<ul style="list-style-type: none"> Alto's gold assay results +0.5 g/t Au for , Vanguard and Bulchina drilling reported in this report. Troy's and Herald's gold assay results +1.0 g/t Au for Vanguard and Vanguard North drilling (on sections drilled by Alto) reported graphically in this report.
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> Not definitive at this stage due to lack of systematic drilling and no outcrop or core.
Diagrams	<ul style="list-style-type: none"> Refer to figures in main body of report.
Balanced reporting	<ul style="list-style-type: none"> All available Alto drill hole Au assay results published, using +0.5 g/t Au cut-off grade.
Other substantive exploration data	<ul style="list-style-type: none"> No other material information available for prospect areas at this stage.
Further work	<ul style="list-style-type: none"> RC drilling planned for Vanguard and Vanguard North in June-July 2017.
Database integrity	<ul style="list-style-type: none"> Drilling carried out by Alto Metals Ltd: Alto has a Datashed database maintained by a database Administrator. Raw Laboratory SIF files are entered into the database by the DBA, and geology and other attributes are merged by the DBA. Drilling carried out by Herald Resources and Troy Resources NL was compiled by Alto from WA Dept Mines Open File records and Herald and Troy ASX releases, which together are quite comprehensive for the various prospects.

Criteria	Commentary				
Site visits	<ul style="list-style-type: none">Alto's Exploration Manager were present on site during the April-May 2017 drilling program and monitored the drilling process, and samples generated for quality.				
Geological interpretation	<ul style="list-style-type: none">Due to lack of outcrop, alluvial cover and oxidation, the geology is not well known.Alto has proposed a geological interpretation for Indomitable and Vanguard North but alternative interpretations of the mineralisation are possible with further drilling.				
Dimensions	<ul style="list-style-type: none">The Vanguard and North Vanguard gold mineralisation is open along strike at present, and open at depth.				
Estimation and modelling techniques	<ul style="list-style-type: none">No new grade or tonnage estimates are available at the present time as exploration is ongoing.				
Moisture	<ul style="list-style-type: none">Wet samples were dried prior to weighing and analysis.				
Cut-off parameters	Drilling carried out by Alto Metals Ltd (2017) <ul style="list-style-type: none">The mineralisation has been reported above a 0.5 g/t Au cut-off grade due to the shallow oxide nature of the mineralisation.				
Mining factors and assumptions	<ul style="list-style-type: none">No mining assumptions at this early stage.				
Metallurgical factors and assumptions	<ul style="list-style-type: none">Vanguard has only been historically mined by hand through small shafts and diggings (1900 - 1930's?) so metallurgical data is not available, but Alto assumes the oxide gold mineralisation will have high recoveries. No historical diggings in are of Alto's Vanguard North drilling program.				
Environmentl factors and assumptions	<ul style="list-style-type: none">It is assumed that no environmental factors exist that could prohibit any potential mining.The Sandstone area has a strong history of mining, and there is strong local support for mining in the area.				
Bulk density	<ul style="list-style-type: none">No bulk density measurements undertaken at this early stage of exploration.				
Classification	<ul style="list-style-type: none">Troy published a (JORC 2004 compliant) Mineral Resource estimate for Vanguard (refer Snowden Report 2007) as follows:				
	Prospect	Category	Tonnage (Kt)	Grade (g/t Au)	Gold (Koz)
	Vanguard	Indicated	105	1.50	5.06
	Vanguard	Inferred	225	1.60	11.57
	Alto does not have any details regarding the methodology or modelling undertaken for				
	<ul style="list-style-type: none">this JORC 2004 compliant Mineral Resource estimate.				
Audits and reviews	<ul style="list-style-type: none">The Snowden Mineral Resource estimates published by Troy in 2007 for Vanguard was peer reviewed as part of Snowden's standard internal peer review process. Alto is not aware of any external reviews of the above Mineral Resource estimate.				
Discussion of relative accuracy/ confidence	<ul style="list-style-type: none">Alto does not have any details regarding the methodology or modelling undertaken for the Vanguard (JORC 2004) compliant Mineral Resource estimate.				