Alto Metals Limited

ABN: 62 159 819 173

ASX: AME

Suite 9, 12-14 Thelma St
West Perth
WA 6872
Phone: 61 8 9381 2808
Email:
admin@altometals.com.au
Website:
altometals.com.au

ASX RELEASE
31 MAY 2018

RC ASSAY RESULTS - VANGUARD SOUTHEAST SANDSTONE PROJECT WA

- **At Vanguard SE, fire assays of 1 metre reverse circulation (RC) samples returned good gold grades and thicknesses, incl:**

SRC091	:	17m	@	2.3 g/t Au	from	9m
SRC098	:	6m	@	6.1 g/t Au	from	92m
inc.	:	2m	@	11.6 g/t Au	from	96m
SRC099	:	9m	@	2.4 g/t Au	from	62m
SRC100	:	5m	@	2.9 g/t Au	from	34m
inc.	:	1m	@	8.8 g/t Au	from	38m

- **Aircore (AC) drilling commenced 29 May to test the 2km^2 gold soil anomaly that envelopes Vanguard and Vanguard North**

- **AC drilling at Tiger Moth (31 holes, 620m) and Indomitable (43 holes, 688m) to define shallow Au mineralization was completed on 28 May**

Alto Metals Limited (ASX: AME) ("Alto", "the Company") is pleased to advise that 50gm fire assays of 1m samples have been received from 15 RC holes (for 1,173 metres) drilled SE and NE of Vanguard and from 9 RC holes (616m) drilled at Maninga Marley.

These new gold results illustrate the robust nature of the Vanguard system and justify the 3,650m aircore drill program now in progress, which is designed to test and expand the footprint of the Vanguard – Vanguard North mineralized system.

Commenting on these results, Alto's MB Dermot Ryan said:
"Alto's RC and AC drilling to date shows that the Vanguard area contains many high grade mineralized structures. Our soil sampling program early in 2018 identified a 2km^2 gold in soil anomaly that connects Vanguard and Vanguard North, and this soil anomaly has not been adequately drill tested to date. The current aircore drilling program in the oxide zone between and around the two deposits will potentially identify further mineralized structures, which can then be followed up with RC drilling into the primary zone".

RESULTS FROM APRIL RC DRILLING AT VANGUARD

In April, 11 short step-out RC holes (853m total) were drilled to the south east of Vanguard and 4 RC holes (320m total) to the north east of Vanguard to follow up isolated high-grade RC drill intersections obtained from previous Alto drilling campaigns. (**Eg. SRC019: 8m @ 3.6g/t Au from 39m and 7m @ 5.9g/t Au from 52m, and SRC046: 8m @ 7.6g/t Au from 43m respectively**)

On 7 May 2018 Alto reported assay results from 4m composite RC samples holes SRC091 - SRC104 which defined the plunge and plunge direction of the new structure. Fire assay results for 1m +0.5g/t Au samples are listed in Appendix 1, and illustrated in oblique **Section B – B'** (Figure 1) below. The location of Section D – B' is shown in Figure 2. RC drilling is required to extend this mineralized structure into the primary zone.

Figure 1. Vanguard South East Prospect, Oblique Section of Mineralized Structure In Oxide

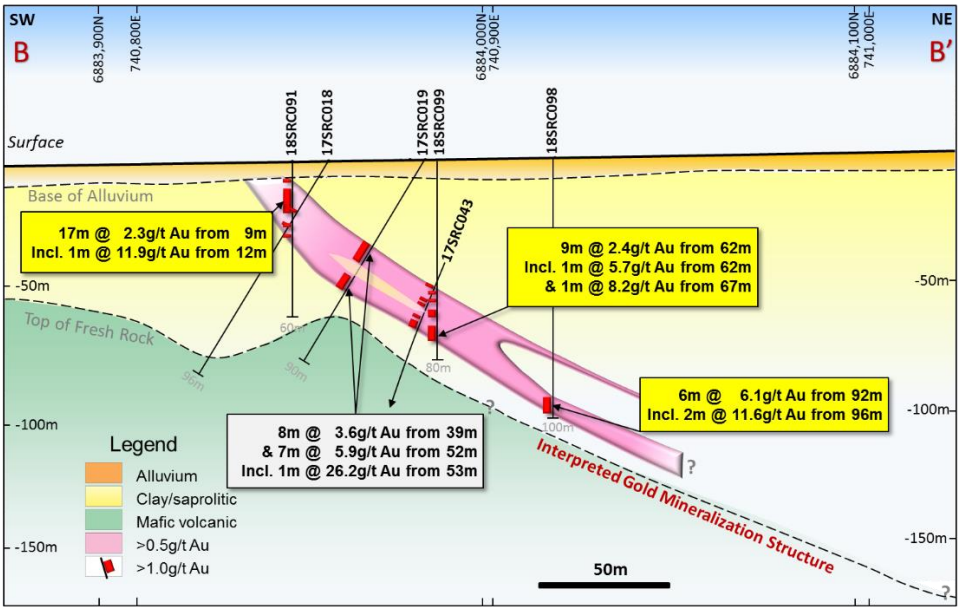
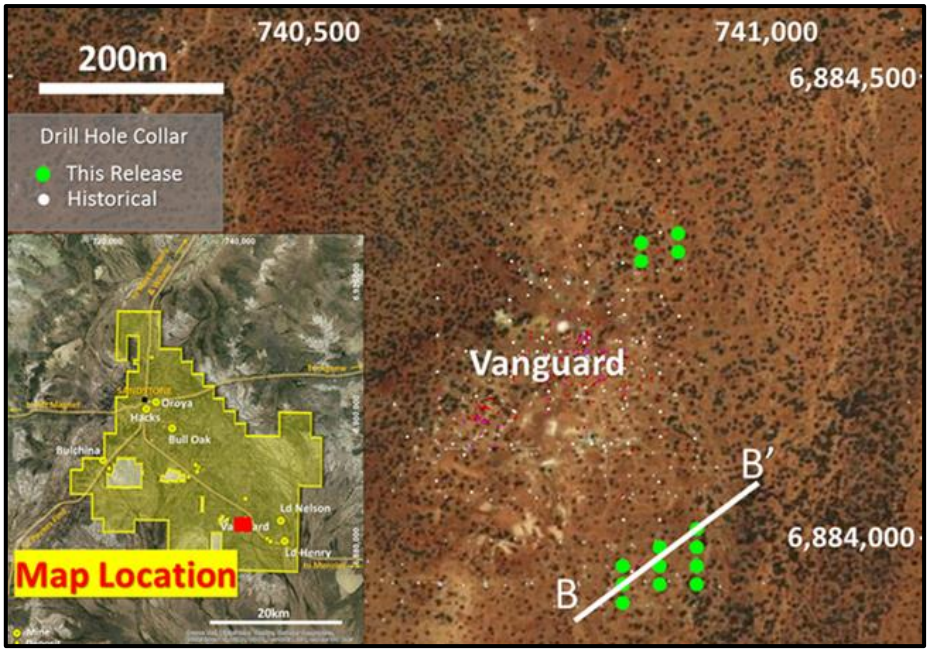


Figure 2. Vanguard Prospect, Vertical Plan Projection of Mineralized Intercepts +0.5g/t Au & Location of Oblique Section (Figure 1) Shown as B-B'



AC DRILLING AT VANGUARD-VANGUARD NORTH

Alto has planned 57 aircore drill holes (3,650m total) to test the Vanguard- Vanguard North Soil Anomaly, shown below in Figure 3. The program commenced on 29 May, and is expected to take approximately 3 weeks, with first assays available before end of June.

Figure 3. Vanguard & Vanguard North Prospects Showing Existing Drilling and Planned Aircore Holes

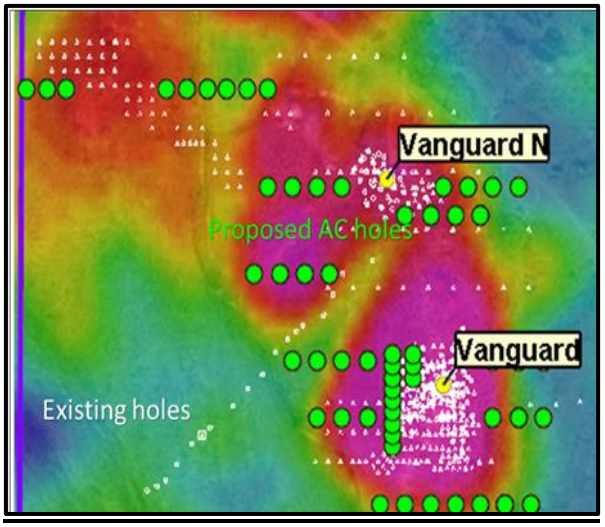
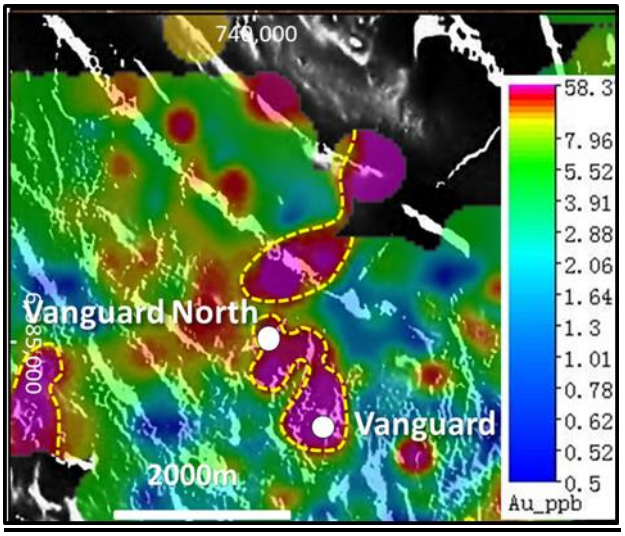


Figure 4. Vanguard & Vanguard North Prospects Soil Gold Anomaly over 1st VD Magnetic Image



AC DRILLING AT INDOMITABLE NORTH AND TIGER MOTH PROSPECTS

The Indomitable, Indomitable North, Piper and Tiger Moth gold prospects lie within a broad north - south structural corridor, with shallow alluvium overlying deeply weathered mafic/ultramafic rocks and sediments.

Alto has just completed close spaced 20m x 20m AC drilling over Indomitable North (43 holes, 688m) and Tiger Moth (31 holes, 688m), with the aim of defining shallow flat lying "supergene" gold mineralization which could be easily mined in conjuction with the Piper deposit.

These deposits have previously been drilled by Troy Resources Nl on a wider spacing. Assay results are expected before end of June.

Figure 5. Indomitable, Piper and Tiger Moth Prospects, with Historical Maximun Drill Hole Au Assays Projected to Drill Collar

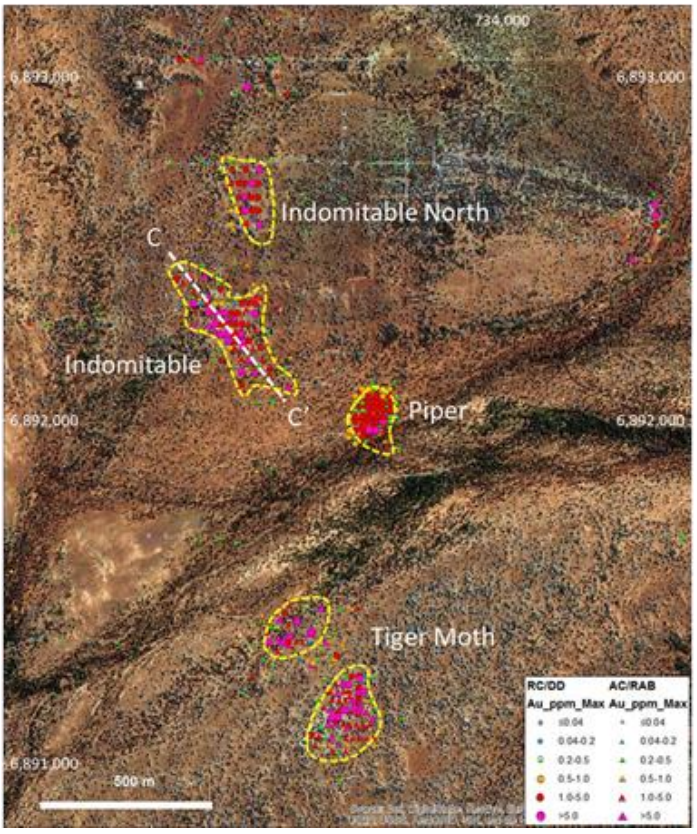
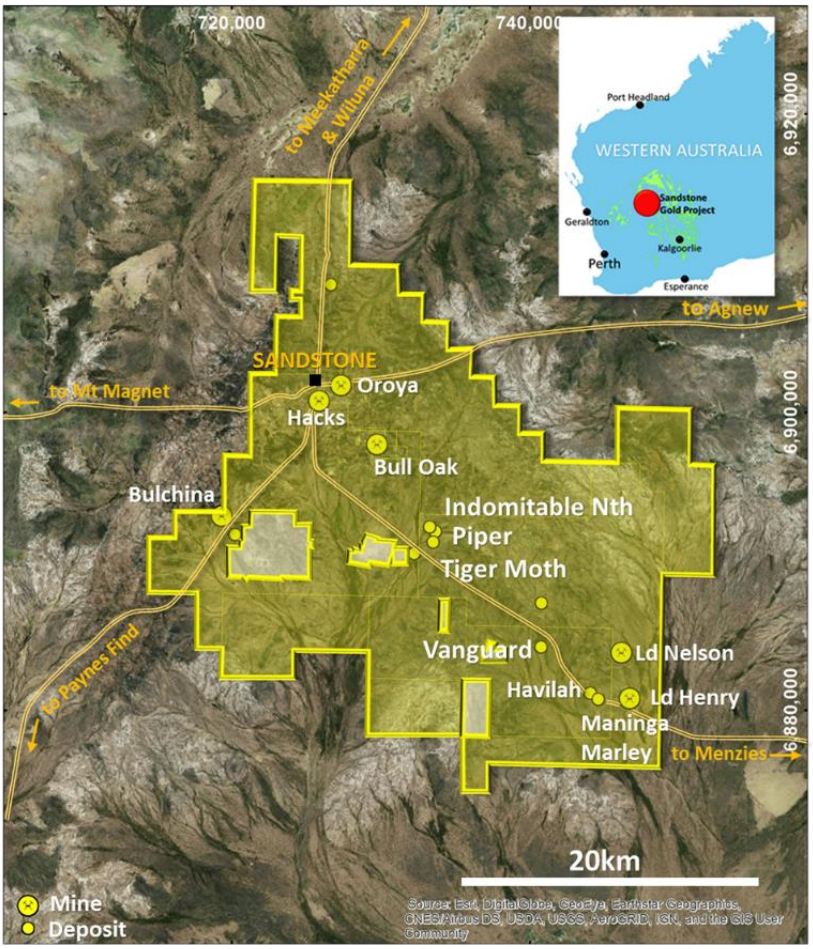


Figure 6. Sandstone Project, showing Alto's Landholdings and Major Prospects



ABOUT ALTO AND THE SANDSTONE GOLD PROJECT

Alto holds ~800km^2 of the prospective Archaean Sandstone Goldfield, 600km north of Perth in the East Murchison Mineral Field of Western Australia.

Since acquiring the Project in June 2016, Alto has compiled and reviewed a large legacy database ahead of a series of focused exploration and drilling campaigns which commenced in late-2016.

Alto's initial goal is the delineation of a combined 1 million ounce JORC 2012 Mineral Resource that can become the basis for a re-establishment of standalone oxide and primary gold mining and milling operations at the Project.

This resource is likely to be comprised of relatively shallow gold deposits (new deposits such as Vanguard and Indomitable) and existing deposits (such as Lord Nelson and Lord Henry).

Ultimately, Alto aims to find +5 million ounces of gold, which is comparable other more intensely explored greenstone belts in the Yilgarn of WA.

Further information:

Dermot Ryan
Managing Director
+61 8 9381 2808 admin@altometals.com.au www.altometals.com.au

Competent Person Statement

The information in this Report that relates to 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 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.

Historic exploration results and mineral resources referred to in this Report were previously reported by Troy Resources NL pursuant to JORC Code 2004, or alternatively Herald Resources Ltd. 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.

Forward Looking Statements

Certain statements in this document are or maybe "forward-looking statements" and represent Alto's intentions, projections, expectations or beliefs concerning among other things, future exploration activities. The projections, estimates and beliefs contained in such forward-looking statements don't necessarily involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Alto, and which may cause Alto's actual performance in future periods to differ materially from any express or implied estimates or projections. Nothing in this document is a promise or representation as to the future. Statements or assumptions in this document as to future matters may prove to be incorrect and differences may be material. Alto does not make any representation or warranty as to the accuracy of such statements or assumptions.

APPENDIX 1. Vanguard Prospect, 1m RC Sample, Fire Assay Results +0.5g/t Au

Hole ID	East GDA94	North GDA94	Depth (m)	Dip	Azimuth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
SRC091	740843	6883951	60	-90	0	9	26	17	2.29
incl.						9	15	6	4.09
incl.						12	13	1	11.9
and						29	30	1	4.31
SRC092	740841	6883968	60	-90	0	39	42	3	2.09
and						44	46	2	2.18
and						53	55	2	1.00
SRC093	740880	6883952	80	-90	0	24	25	1	2.31
and						41	42	1	1.28
SRC094	740880	6883972	33	-90	0				
SRC095	740921	6883959	100	-90	0	55	56	1	0.95
SRC096	740922	6883977	100	-90	0	48	49	1	2.37
and						75	76	1	4.63
SRC097	740921	6883991	100	-90	0				
SRC098	740919	6884016	100	-90	0	73	74	1	0.79
and						92	98	6	6.07
incl.						96	98	2	11.59
SRC099	740883	6883989	80	-90	0	51	71	20	1.58
incl.						53	54	1	4.49
and						62	71	9	2.44
incl.						62	63	1	5.71
and						67	68	1	8.15
SRC100	740877	6883976	80	-90	0	34	39	5	2.93
incl.						38	39	1	8.84
and						43	44	1	0.80
and						47	48	1	0.57
SRC101	740899	6884312	80	-90	0				
SRC102	740902	6884330	80	-90	0	25	26	1	0.65
SRC103	740863	6884304	80	-90	0	2	3	1	0.53
SRC104	740862	6884322	80	-90	0	45	46	1	1.98

Exploration Licence 57/1031

APPENDIX 2. Maninga Marley Prospect, 1m RC Sample, Fire Assay Results +0.5g/t Au

Hole ID	East GDA94	North GDA94	Depth (m)	Dip	Azimuth	From (m)	To (m)	Interval (m)	Grade (g/t Au)
SRC111	744653	6880698	60	-90	0	8	9	1	0.69
SRC112	744652	6880720	80	-90	0	**47**	**53**	**6**	**2.19**
incl.						**47**	**50**	**3**	**4.11**
incl.						**49**	**50**	**1**	**8.97**
SRC113	744654	6880738	98	-90	0	84	85	1	0.52

Exploration Licence 57/1033

JORC Code, 2012 Edition – Table 1 report

Sandstone Project

Section 1 Sampling Techniques and Data

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

Criteria	Commentary
Sampling techniques	• RC drilling was carried out by Alto Metals Ltd in April 2018. • RC samples were passed directly from the in-line cyclone through a rig mounted cone splitter. Samples were collected in 1 m intervals into bulk plastic bags and 1 m calico splits (which were retained for later use). • From the bulk sample, a 4 metre composite sample was collected using a split PVC scoop and then submitted to the laboratory for analysis. • 1 m calico splits were submitted to the laboratory if the composite sample assay values are equal to or greater than 0.2 g/t Au. • In certain cases, selected samples from some holes were passed from the cyclone through a rig mounted cone splitter, and samples collected into calico bags at 1 m intervals were submitted directly for analysis. The remaining bulk sample was placed on the ground in 1 m intervals.
Drilling techniques	• RC drilling was with a KWL 350 drill rig with an onboard 1100/350 compressor using a sampling hammer of nominal 140mm hole.
Drill sample recovery	• The 1m calico samples were selectively weighed using hand-held scales to ensure a consistent sample weight of 2-3 kg was obtained. • RC recoveries in bulk plastic bags were recorded as a percentage by visual examination. • A truck mounted 1000/1000 auxiliary/booster was used as required. • Samples were mostly dry, except for a portion of the clay zone where the samples were recorded as moist, and several holes at depths generally greater than 150m downhole. • It is not known whether a relationship exists between sample recovery and grade and whether sample bias may have occurred.
Logging	• RC drill chips were sieved from each 1 m sample and geologically logged. • Due to the heavily oxidised nature of the drilled areas, a 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 drillhole intervals was done with sufficient detail to meet the requirements of resource estimation.
Sub-sampling techniques and sample preparation	• RC samples were sent to MinAnalytical Laboratory Services Australia Pty Ltd located in Canning Vale, Western Australia. • MinAnalytical were responsible for sample preparation and assaying for drillhole samples and associated check assays. • MinAnalytical is certified to NATA in accordance with ISO17025:2005 requirements for all related inspection, verification, testing and certification activities. • 4m composite RC samples were dried and then ground in an LM5 ring mill for 85% passing 75 microns and then submitted for 50gm Fire Assay. • 1m RC samples from within 4m composite sample intervals reporting +0.2ppm Au, or selected based on geological observation, will be dried then crushed and homogenised to produce a 3 kg sample for the LM5 ring mill. • For the 4m composite sampling, field duplicate samples were collected at a rate of 1:40 and field blank samples were inserted at a rate of 1:40. • For the 1m sampling, field blank samples were inserted at a rate of 1:40, and field standards were inserted at a rate of 1:40, giving an overall 1:20 sample to standard ratio, and found to be acceptable. • QA/QC procedures for sub-sampling follow MinAnalytical procedures. • Sample sizes are considered appropriate for the grain size of the material being sampled.

Criteria	Commentary
Quality of assay data and laboratory tests	• 4m composite RC samples were analysed using a 50gm Fire assay technique. • This technique is considered a total digest. • No geophysical tools or handheld XRF instruments were used to determine the geochemical results. • Laboratory Certified Reference Materials and/or in-house controls, blanks, splits and replicates are analysed with each batch of samples. 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. • Laboratory and field QA/QC results are reviewed by Alto personnel.
Verification of sampling and assaying	• Alto has not conducted any independent verification of the assay data. • Drill chips were inspected where significant intersections were reported. • No twinned holes have been drilled to date. • Data is entered and validated in Micromine. Alto also has a Datashed database maintained by a Database Administrator. • Values below the analytical detection limit were replaced with half the detection limit value.
Location of data points	• The Vanguard grid is based on GDA94. • Alto used handheld GPS to locate and record drill collar positions, accurate to +/-5 metres horizontal. • There is no documentation on the collar survey methodology or downhole surveys for Troy and Herald Resources AC and RC holes. Although most drill sites have been rehabilitated, some drill collars are still marked in the field by a strip of PVC protruding from the surface, and they can be accurately located in GDA94 space. • Downhole surveys were completed on Vanguard RC holes using a north-seeking gyro down hole survey tool operated by the drilling contractor. • DGPS data is also used for topographic control.
Data spacing and distribution	• Drill holes were typically spaced on a 40m by 40m spacing at Vanguard and Indomitable. • The data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource estimation procedure, where such an estimation has been undertaken. • 4m composite sampling has been undertaken with 1m resplits collected where assay results were reported above 0.2ppm Au.
Orientation of data in relation to geological structure	• Geological structures have been interpreted from drilling due to the lack of outcrop in the Vanguard area.
Sample security	• 4m composite and 1m original RC drill samples comprised approximately 3 kg of material within a labelled and tied calico bag. • Individual sample bags were placed in a larger plastic polyweave bag then into a bulka bag that was despatched to the laboratory via McMahon Burnett freight. • Sampling data was recorded on field sheets and entered into a database then sent to the head office. • Laboratory submission sheets are also completed and sent to the laboratory prior to sample receival.
Audits or reviews	• Alto has reviewed and compiled available technical data for Vanguard. No audit has been completed to date.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	Commentary
Mineral tenement and land tenure status	• Alto's drilling program at Vanguard was completed on E57/1033, granted on 20 September 2016 toSandstone Exploration Pty Ltd, a wholly owned subsidiary of ASX listed Alto Metals Limited. • The total Sandstone Project area covers approximately 800 km^2 with five exploration licences granted on 20 September 2016 and two prospecting licences granted on 11 June 2016, and two exploration licence applications and two prospecting licence applications.
Exploration done by other parties	• Previous work carried out by Troy and Herald Resources at Vanguard was described in Alto's ASX releases dated 20 June 2017, 20 July 2017, 23 August 2017, 9 November 2017, 15 December 2017, 24 January 2018 and 7 May 2018. • At Vanguard, Herald Resources undertook RAB and RC drilling around the old Vanguard workings (on ML57/22) in 1999, and estimated a Mineral Resource (JORC 2004) of 330,000t at 1.57g/t Au for 16,657oz. • Between 1999-2009 Troy undertook shallow AC and RC drilling at Vanguard, drilling on east-west and north-south grids.
Geology	• Interpreted geology of Vanguard is described in the above reports.
Drill hole Information	• Alto's drill hole collar information and assay results +0.5 g/t Au are reported in this report. • Herald and Troy's drilling results for the same areas were published in Alto's ASX releases dated 20 July 2017 and 29 August 2017.
Data aggregation methods	• Alto's gold assay results +0.5 g/t Au for Vanguard April 2018 RC drilling are reported in this report. • Troy's and Herald's gold assay results +1.0 g/t Au for Vanguard (on sections drilled by Alto) were reported graphically in previous reports. • Aggregate sample assays are calculated using a length weighted average. • Where aggregated intercepts presented in the report include shorter lengths of high grade mineralisation, these shorter lengths have also been tabulated. • No metal equivalents have been used or reported.
Relationship between mineralisation widths and intercept lengths	• At Vanguard the mineralisation strikes in multiple directions; E-W, NNW-SSE and NW-SE with both steep and shallow dipping quartz sulphide veins. • Alto drill holes were typically oriented -60 → 180, and were designed to intersect the mineralisation perpendicular to the interpreted ore zones. • All intersections are reported as downhole length and no correction for true width has been applied. The relationship between true width and downhole length is not known at this stage given the variable orientation of the mineralisation. • All intersections are reported as downhole length and no correction for true width has been applied. The relationship between true width and downhole length is not known at this stage given the variable orientation of the mineralisation.
Diagrams	• Refer to figures in main body of this report. ASX releases dated 20 June 2017, 20 July 2017, 23 August 2017, 9 November 2017, 15 December 2017, 24 January 2018, 20 February 2018 and 7 May 2018.
Balanced reporting	• All available Alto drill hole Au assay results published, using a +0.5 g/t Au cut-off grade.
Other substantive exploration data	• No other material information available for prospect areas at this stage.

<table>
<tr><th>Criteria</th><th>Commentary</th></tr>
<tr><td>Further work</td><td>• Additional drilling to test for lateral and depth extensions will be undertaken. Infill drilling may also be undertaken.
• Estimation of JORC 2012 Mineral Resources may also be undertaken following receipt of all assay results.</td></tr>
<tr><td>Moisture</td><td>• Alto does not have any details regarding the moisture, methodology or modelling undertaken for Troy's Vanguard (JORC 2004) compliant Mineral Resource estimate.</td></tr>
<tr><td>Cut-off parameters</td><td>• Alto has reported the exploration results above a 0.5 g/t Au cut-off grade due to the shallow nature of the mineralisation.</td></tr>
<tr><td>Mining factors or assumptions</td><td>• No mining assumptions at this early stage.</td></tr>
<tr><td>Metallurgical factors or assumptions</td><td>• 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. Indomitable has never been mined.</td></tr>
<tr><td>Environmental factors or assumptions</td><td>• 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.</td></tr>
<tr><td>Bulk density</td><td>• No bulk density measurements undertaken at this early stage of exploration.</td></tr>
<tr><td>Classification</td><td>• Troy published a (JORC 2004 compliant) Mineral Resource estimate for Vanguard (refer Snowden Report 2007) as follows:
<table>
<tr><th>Prospect</th><th>Category</th><th>Tonnage (Kt)</th><th>Grade (g/t Au)</th><th>Gold (Koz)</th></tr>
<tr><td>Vanguard</td><td>Indicated</td><td>105</td><td>1.50</td><td>5.06</td></tr>
<tr><td>Vanguard</td><td>Inferred</td><td>225</td><td>1.60</td><td>11.57</td></tr>
</table>
• Alto does not have any details regarding the methodology or modelling undertaken for the Vanguard (JORC 2004) compliant Mineral Resource estimate.</td></tr>
<tr><td>Audits or reviews</td><td>• 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.</td></tr>
<tr><td>Discussion of relative accuracy/ confidence</td><td>• Alto does not have any details regarding the methodology or modelling undertaken for the Vanguard (JORC 2004) compliant Mineral Resource estimate.</td></tr>
</table>