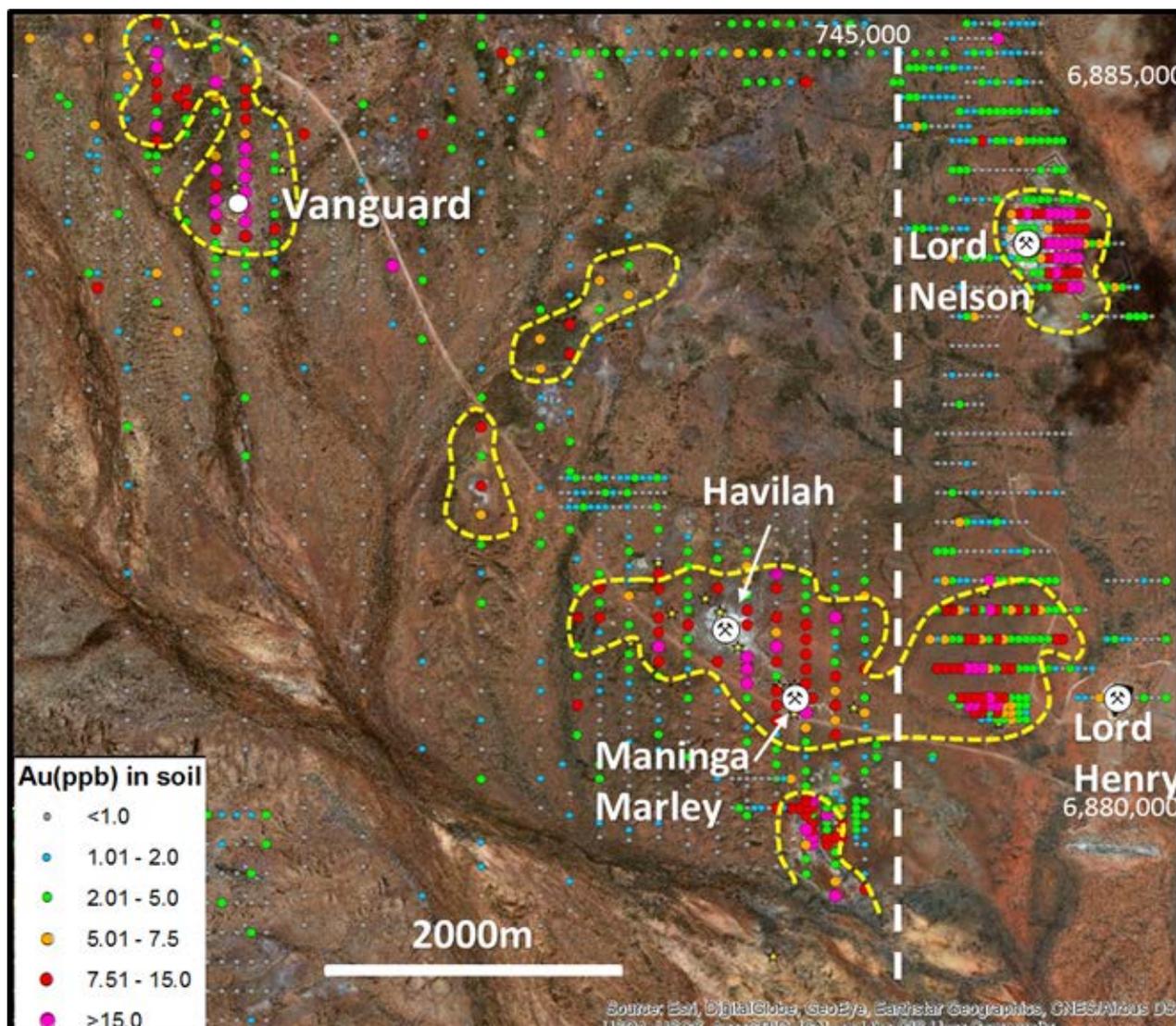


## SOIL SAMPLING BETWEEN VANGUARD & MANINGA MARLEY LOCATES ADDITIONAL TARGETS FOR AIRCORE DRILL TESTING, SANDSTONE PROJECT, WA

Alto Metals Limited (ASX: AME) (“Alto”, “the Company”) is pleased to advise that **“the first batch of assays from our regional soil sample program have defined several new gold-in-soil anomalies between and around Vanguard and Maninga Marley”**.

Figure 1 below shows the extensive gold in soil anomaly associated with Vanguard (and Vanguard North), a new northeast trending anomaly halfway between Vanguard and Maninga Marley, and a strong and extensive gold in soil anomaly to the north and east of Maninga Marley, which complements a previous soil anomaly detected by Troy Resources east of 745,000mE.

**Figure 1. Image showing Alto’s Soil Sample Results Over Vanguard and Maninga Marley Area**  
Note: Soil Sample Results east of 745,000mE are Troy Resources’



**EXTENSIVE SOIL SAMPLING PROGRAM CONTINUING**

Following compilation by Alto of a patchwork of soil sampling programs from various previous explorers, Alto on 5<sup>th</sup> April 2018 commenced a 3,000 sample soil sampling program over 17 target areas to “fill in the gaps”. To date, 1,654 soil samples have been collected and submitted for low level gold analysis, and results have been received from the first batch of 332 samples located between Vanguard and Maninga Marley

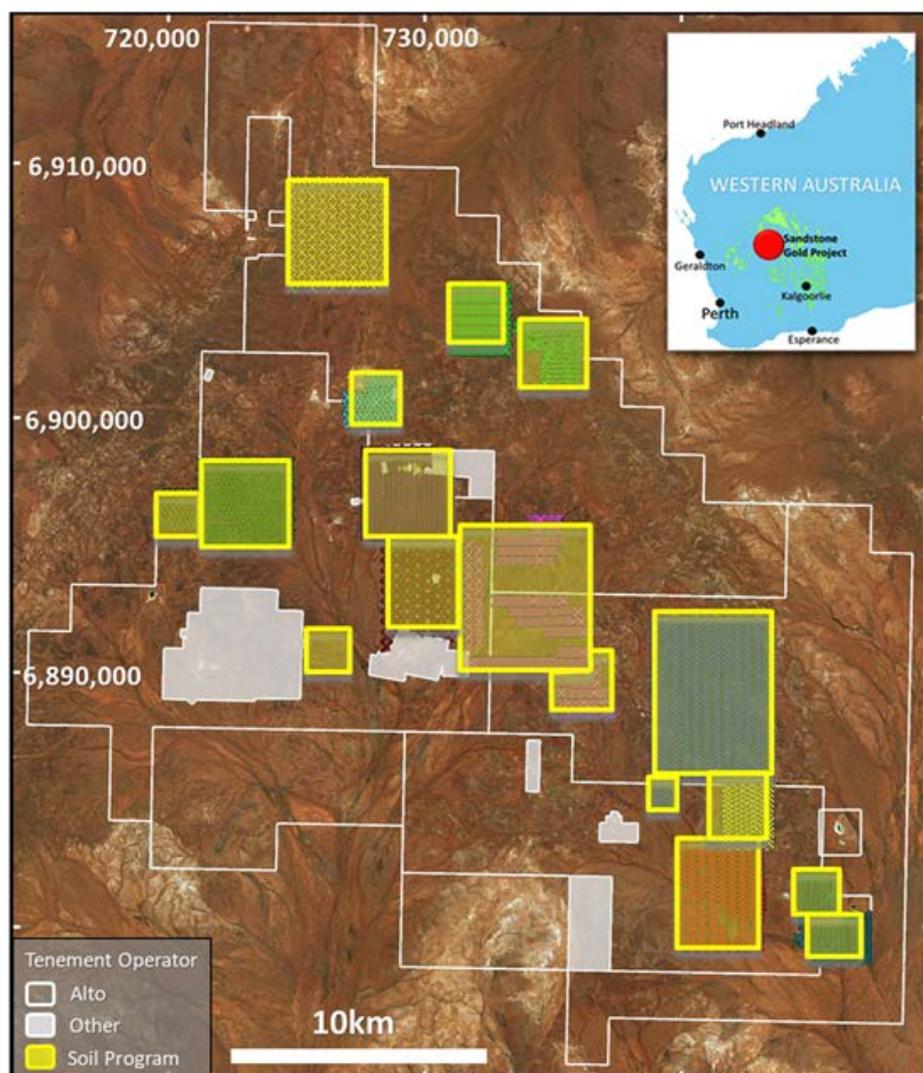
The results of Alto’s two previous soil sampling programs, located over Vanguard and Maninga Marley indicated that gold in (residual) soils was more widespread than previously thought, and that further soil sampling at Sandstone could assist in the identification and ranking of gold targets for drill testing.

*Refer Alto’s ASX release dated 19<sup>th</sup> February 2018 for details of these earlier soil sampling programs.*

It should be noted that all drainage in the area is from north to south. **Therefore, the soil anomaly north of Maninga Marley and Havilah is unlikely to be sourced from these historic workings and is likely to represent gold mineralization yet to be discovered by drilling.**

The current soil sampling program is approximately 50% complete, with another 1,400 samples planned to be taken.

**Figure 1. Image showing Alto’s Planned 3,000 Soil Sample Program**



**SOIL SAMPLING METHODOLOGY**

In April 2018 XM logistics Pty Ltd collected a total of 1,654 soil samples, and Alto has now received assay results for 332 of these soil samples. The samples were collected on a 400m x 200m GDA94 based grid, with some collected on a 200m x 100m grid.

Individual samples were collected using a pick and shovel from between 0.2m to 0.5m depth (“C-horizon soils”). The samples were screened in field to recover approximately 1 kilogram each of the +0.9mm -1.6mm fraction. The samples were then prepared and analysed in MinAnalytical’s dedicated low level preparation and gold analysis system by Method AR10MS (10gm Aqua Regia digest Mass Spectrometry).

The pulps from these samples have been retained for a future multi-element scan using the Company’s portable pXRF analyser.

**FURTHER WORK**

A nominal 20,000m of aircore drilling has been budgeted for drill testing soil anomalies at Vanguard, Maninga Marley, Indomitable and a number of other prospects. This work will commence in late May with RC drill testing to follow shortly thereafter.

This program includes a 5,000m aircore drilling program between and around Vanguard and Vanguard North, and these new soil results will add further holes and metres to that program.

**Further information:**

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***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 Fellow of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralization 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.*

## JORC Code, 2012 Edition – Table 1 report

## 8 May 2018 – Sandstone Project

## Section 1 Sampling Techniques and Data

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

Criteria	Commentary
<i>Sampling techniques</i>	<ul style="list-style-type: none"> <li>• Soil sampling carried out by Alto Metals Ltd in December 2017 and April 2018.</li> <li>• Soil samples were collected in the vicinity of Vanguard and Maninga Marley prospects on a 400m x 200m and 200m x 100m GDA94 based grid.</li> <li>• Individual samples were collected using a pick and shovel from between 0.2m to 0.5m depth (“C-horizon soils”).</li> <li>• The samples were screened in field to recover approximately 1 kilogram each of the +0.9mm -1.6mm fraction.</li> </ul>
<i>Drilling techniques</i>	<ul style="list-style-type: none"> <li>• No drilling being reported in this program.</li> </ul>
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> <li>• No drilling being reported in this program.</li> </ul>
<i>Logging</i>	<ul style="list-style-type: none"> <li>• No drilling being reported in this program.</li> </ul>
<i>Sub-sampling techniques and sample preparation</i>	<ul style="list-style-type: none"> <li>• 1kg soil samples were sent to MinAnalytical Laboratory Services Australia Pty Ltd located in Canning Vale, Western Australia.</li> <li>• MinAnalytical were responsible for sample preparation and assaying for soil samples and associated check assays.</li> <li>• MinAnalytical is certified to NATA in accordance with ISO17025:2005 requirements for all related inspection, verification, testing and certification activities.</li> <li>• The 1kg samples were dried and then ground in an LM5 ring mill for 85% passing 75 microns.</li> <li>• QA/QC procedures for sub-sampling follow MinAnalytical procedures.</li> <li>• Sample sizes are considered appropriate for the grain size of the material being sampled.</li> </ul>
<i>Quality of assay data and laboratory tests</i>	<ul style="list-style-type: none"> <li>• Soil samples were analysed using an AR10MS technique, 10gm Aqua Regia digest with an Mass Spectrometry finish to 1ppb Au. (low level gold detection)</li> <li>• No geophysical tools or handheld XRF instruments were used to determine the Au results.</li> <li>• 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.</li> <li>• Laboratory and field QA/QC results are reviewed by Alto personnel.</li> </ul>
<i>Verification of sampling and assaying</i>	<ul style="list-style-type: none"> <li>• Alto has not conducted any independent verification of the assay data.</li> <li>• Data is entered and validated in Micromine. Alto also has a Datashed database maintained by a Database Administrator.</li> <li>• Values below the analytical detection limit were replaced with half the detection limit value.</li> </ul>
<i>Location of data points</i>	<ul style="list-style-type: none"> <li>• The Vanguard and Havilah-Manunga Marley grids are based on GDA94.</li> <li>• Alto used handheld GPS to locate and record soil sample positions, accurate to +/-5 metres horizontal.</li> <li>• DGPS data is also used for topographic control.</li> </ul>

Criteria	Commentary
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"><li>• Soil samples around Vanguard and Maninga Marley were typically spaced on a 200m by 100m spacing.</li><li>• Soil samples between Vanguard and Maninga Marley (April 2018) were typically spaced on a 400m x 200m spacing with some on a 200m x 100m spacing.</li><li>• The data spacing and distribution is considered sufficient to establish areas of soil anomalism around the two prospect areas.</li></ul>
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"><li>• Not relevant for close spaced soil sampling.</li></ul>
<i>Sample security</i>	<ul style="list-style-type: none"><li>• Soil samples comprised approximately 1 kg of material within a labelled and tied calico bag.</li><li>• Individual sample bags were placed in a larger plastic polyweave bag then into a bulka bag that was dispatched to the laboratory via McMahon Burnett freight.</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 receipt.</li></ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"><li>• Alto has reviewed and compiled available technical data for Vanguard and Havilah-Maninga Marley. No audit has been completed to date.</li></ul>

## Section 2 Reporting of Exploration Results

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

Criteria	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>Alto's soil sampling program at Vanguard and Havilah-Maninga Marley was completed on E57/1033, which was granted to Sandstone Exploration Pty Ltd, a wholly owned subsidiary of ASX listed Alto Metals Limited on 20 September 2016</li> <li>The total Sandstone Project area covers approximately 800 km<sup>2</sup> 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</li> </ul>
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li>Previous work carried out by Troy and Herald Resources at Vanguard was described in Alto's ASX releases dated 20 June 2017, and 20 July 2017.</li> <li>Previous work carried out by Troy and Herald Resources at Havilah-Maninga Marley was described in Alto's ASX release dated 29 August 2017.</li> <li>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.</li> <li>At Havilah-Maninga Marley, Herald Resources undertook RC drilling (51 drill holes) between 1997-1999, on 40m x 20m spacing to target strike extensions of historic workings.</li> <li>Between 1999-2009 Troy undertook shallow AC and RC drilling at Vanguard and Havilah-Maninga Marley, drilling on east-west and north-south grids.</li> </ul>
<i>Geology</i>	<ul style="list-style-type: none"> <li>Interpreted regional geology of Vanguard and Havilah-Maninga Marley is described in this report.</li> </ul>
<i>Drill hole Information</i>	<ul style="list-style-type: none"> <li>Alto's drill hole collar information and assay results +0.5 g/t Au have been previously reported by Alto on 20 June, 21 July, 7 August, 23 August, 28 August, 9 November and 15 December 2017, on 24 January 2018 and on 6 May 2018.</li> <li>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.</li> </ul>
<i>Data aggregation methods</i>	<ul style="list-style-type: none"> <li>Not relevant to soil sampling program.</li> </ul>
<i>Relationship between mineralisation widths and intercept lengths</i>	<ul style="list-style-type: none"> <li>Not relevant to soil sampling program.</li> </ul>
<i>Diagrams</i>	<ul style="list-style-type: none"> <li>Refer to figures in main body of report.</li> </ul>
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <li>All of Alto's previous soil sample results were reported to ASX on 19<sup>th</sup> February 2018.</li> </ul>
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <li>No other material information available for prospect areas at this stage.</li> </ul>
<i>Further work</i>	<ul style="list-style-type: none"> <li>Additional soil sampling and aircore drilling to test for lateral extensions of mineralization will be undertaken.</li> </ul>

Criteria	Commentary
<i>Moisture</i>	<ul style="list-style-type: none"><li>All soil samples were dry.</li></ul>
<i>Cut-off parameters</i>	<ul style="list-style-type: none"><li>Not relevant to soil sampling.</li></ul>
<i>Mining factors or assumptions</i>	<ul style="list-style-type: none"><li>No mining assumptions at this early stage.</li></ul>
<i>Metallurgical factors or assumptions</i>	<ul style="list-style-type: none"><li>Not relevant to soil sampling.</li></ul>
<i>Environmental factors or assumptions</i>	<ul style="list-style-type: none"><li>Not relevant to soil sampling.</li></ul>
<i>Bulk density</i>	<ul style="list-style-type: none"><li>Not relevant to soil sampling.</li></ul>
<i>Classification</i>	<ul style="list-style-type: none"><li>Not relevant to soil sampling.</li></ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"><li>Not relevant to soil sampling.</li></ul>
<i>Discussion of relative accuracy/ confidence</i>	<ul style="list-style-type: none"><li>Alto considers the soil sampling method, sample size and analytical technique used to be appropriate for the terrain and regolith sampled.</li></ul>