

## ASX/MEDIA RELEASE

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# ONSITE GEOCHEMISTRY LAB COMPLETED AT WASHI-HI MAJAZA PROJECT

### Key Highlights

- Construction of the Wash-hi Majaza Project's high-tech, onsite geochemistry testing laboratory is complete, with the facility fully operational.
- The facility, which can process several thousand samples per month, will play a key role in mineral grade management at the Wash-hi mine and the beneficiation plant.
- A range of activities will be undertaken at the laboratory, such as sample preparation, sample storage and chemical and physical testing.
- The laboratory utilises a laboratory integrated management system (LIMS) designed to deliver testing processes at the Project with maximum efficiency.

**Perth, Australia:** Alara Resources Limited (ASX:AUQ) (**Alara or the Company**), a base and precious metals explorer and developer with projects in Oman, is pleased to announce that construction of the Wash-hi Majaza project's onsite geochemical laboratory has been completed, with the facility now fully operational. The Al Hadeetha Copper Project (Al Wash-hi Majaza Copper-Gold Project) is located in the northern region of the Sultanate of Oman. Alara owns a 51% equity interest in Al Hadeetha Resources LLC (AHRL), the joint venture (JV) developing the Project.



### Multifunctional laboratory

The new geochemistry testing laboratory serves as a multifunctional testing facility. It houses state-of-art machinery and a team of highly competent and experienced technical staff which will together produce mineral samples that meet precise form, size and weight requirements.

The equipment in place includes a wide range of cutting-edge technology and sophisticated analysis equipment, such as inductively coupled plasma optical emission spectroscopy (ICP-OES), energy dispersive X-ray fluorescence (EDXRF) spectrometry and wavelength dispersive X-ray fluorescence (WDXRF) spectroscopy. This equipment will deliver enhanced performance and test result reliability metrics, and ensure that appropriate, homogenised samples are available for required analysis work.

The laboratory will undertake a range of activities such as:

- Sample preparation, a necessary prerequisite before any tests can be performed
- Sample storage
- Chemical and physical testing, including shatter index, density, water absorption, reactivity Index and miscellaneous physical properties analysis.

Sample preparation tasks undertaken in the laboratory will comprise a range of processes such as crushing, pulverization and grinding.

The facility is utilising a laboratory integrated management system (LIMS) designed to make lab processes more efficient from the moment a test sample is received through to the delivery of test reports and analysis, covering the 32 elements listed in Table 1, below. The LIMS will benefit turn-around time (TAT) metrics, provide proper tracking of all test reports and ensure all reports/analysis are delivered through an online portal in a timely way.



1.	<b>Cu</b> -Copper	17.	<b>Ga</b> -Gallium
2.	<b>Zn</b> -Zinc	18.	<b>K</b> -Potassium
3.	<b>As</b> -Arsenic	19.	<b>Li</b> -Lithium
4.	<b>SiO<sub>2</sub></b> -Silicon Dioxide	20.	<b>Mg</b> -Magnesium
5.	<b>S</b> -Sulphur	21.	<b>Mn</b> -Manganese
6.	<b>Ag</b> -Silver	22.	<b>Na</b> -Sodium
7.	<b>Al</b> -Aluminium	23.	<b>Ni</b> -Nickel
8.	<b>Ba</b> -Barium	24.	<b>Mo</b> -Molybdenum
9.	<b>Ca</b> -Calcium	25.	<b>Pb</b> -Lead
10.	<b>Cd</b> -Cadmium	26.	<b>Sr</b> -Strontium
11.	<b>Co</b> -Cobalt	27.	<b>S</b> -Sulphur by WDXRF
12.	<b>Cr</b> -Chromium	28.	<b>Ti</b> -Titanium
13.	<b>Fe</b> -Iron	29.	<b>Tl</b> -Thallium
14.	<b>P</b> -Phosphorus	30.	<b>Be</b> -Beryllium
15.	<b>V</b> -Vanadium	31.	<b>Bi</b> -Bismuth
16.	<b>Sb</b> -Antimony	32.	<b>Au</b> -Gold

**Table 1: Elements covered by the Laboratory Integrated Management System**



**Exterior view of completed laboratory**

The following photoset shows the laboratory in operation.



**Alara Managing Director, Atmavireshwar Sthapak said:** *“The completion of the onsite multifunctional testing laboratory at the Wash-hi Majaza copper/gold mine means yet another box in the construction phase of the Project has been ticked off. The already fully functional facility will soon process several thousand samples each month and play a key role in mineral grade management at both the mine as well as the accompanying beneficiation plant.*

*The cutting edge technology and sophisticated analysis equipment housed in the facility, along with the highly skilled and experienced technical staff operating them, will undertake a range of activities such as sample preparation, sample storage and chemical and physical testing. We are also excited by another efficiency edge provided by this facility. It utilises a Laboratory Integrated Management System platform which we expect will deliver operational efficiencies across all testing processes, starting from when a test sample is received all the way through to when the test reports are produced and analysed.”*

**END**

## This announcement is authorised by:

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## About Alara Resources

Alara Resources Limited (ASX: AUQ) is an Australian-based precious and base metals explorer and developer.

Alara is currently focused on developing the Al Wash-hi Majaza Copper-Gold project in Oman, where it is in the process of constructing copper-gold mining and processing facilities. The Company is also continuing exploration activities at its other Oman projects, the Block 7 exploration licence under the Daris JV and the Mullaq and Al Ajal exploration licences under the Al Hadeetha JV.

Alara's mission is to become a mid-tier minerals producer which will deliver maximum shareholder value through profitable growth driven by low-cost, sustainable operations.

To learn more, please visit: [www.alararesources.com](http://www.alararesources.com).