



ASX ANNOUNCEMENT

15 July 2022

Site Operational Update Manono Lithium and Tin Project

Highlights:

- Diamond drilling recommences at Manono Project with stated objective of significantly increasing lithium resources and reserves at Roche Dure
- Company commits to 15,000m drilling program at Roche Dure extension, targeting ore to a minimum of -200m depth
- Reverse circulation (RC) drilling program at Manono Project targeting eluvial and alluvial tin and tantalum deposits to start shortly with drill pattern designs complete and drilling equipment en-route to site
- Equipment purchased as part of Early Works Program has started to arrive at site¹.

AVZ Minerals Limited (ASX: AVZ, OTCQX: AZZVF) (**AVZ** or **Company**) is pleased to provide an update in relation to the Manono Lithium and Tin Project ("**Manono Project**").

The diamond drilling campaign at Roche Dure will be focussed on areas identified as highly prospective which were inaccessible at the time of the last round of resource drilling but remained open at depth and along strike. This program will extend the knowledge of the orebody by approximately another 800 metres from section 7600mN to 8,400mN (Figure 1).

The first of the new drillholes was started on 7 July on planned hole 7.8_1 i.e. rebadged as MO22DD001 on section 7,800mN (Figure 2).

The campaign will see 48 drillholes - for a total of 14,905 metres - intersect the Roche Dure orebody to an average depth of about 200 metres below ground level which will require an updated JORC2012 compliant Mineral Resource Estimate to be generated once the assays results are received.

At that point, the geotechnical information gathered during the drilling program will be applied to extend the current open pit mine design to the north-east over any new mineral resources identified during the program. Updated mineable reserves will be generated and published based on the new open pit mine design and prevailing lithium price projections.

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Market Cap

\$2.7bn

ASX Code: AVZ

OTCQX Code: AZZVF

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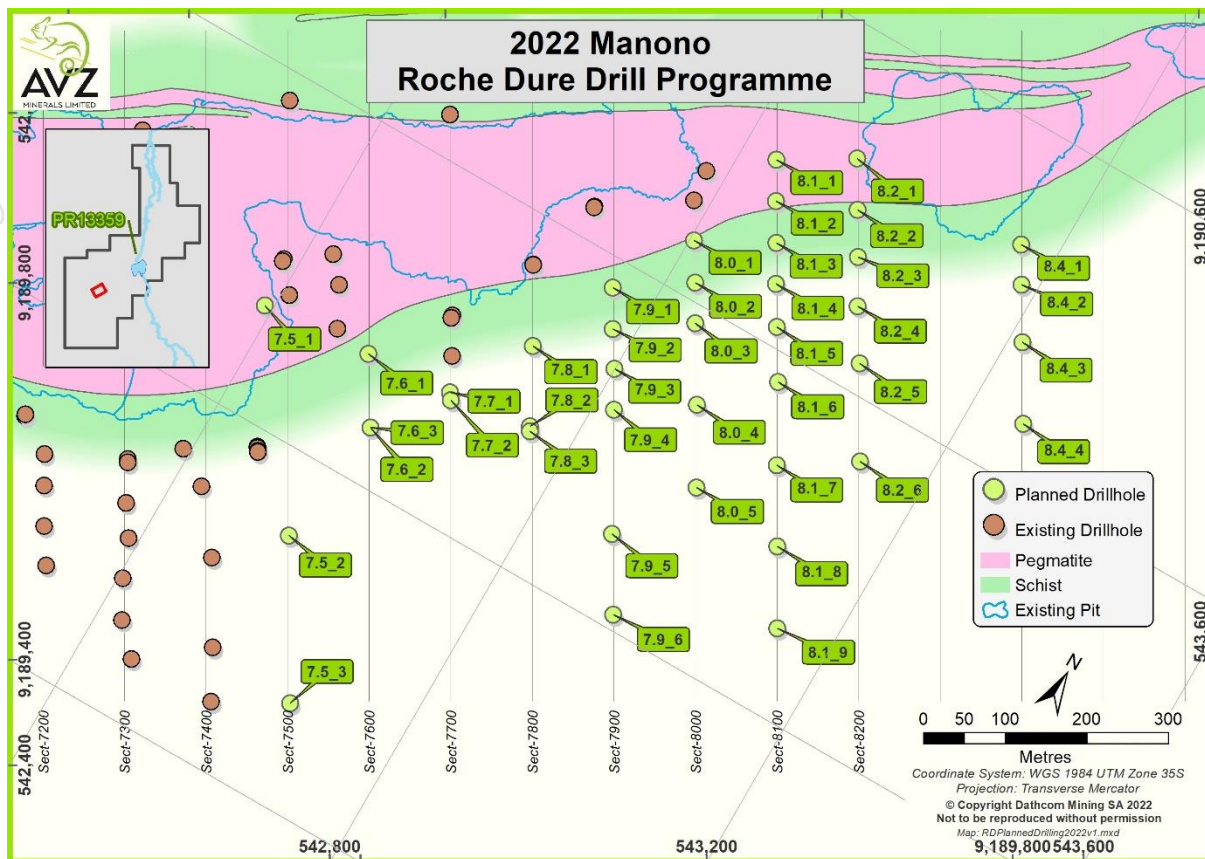


Figure 1: Locations of planned drillholes versus existing holes at Roche Dure

AVZ's Managing Director, Mr Nigel Ferguson, said: "Given the imperatives around sourcing battery minerals for the global green-energy transition and in line with our February 2022 announcement of funding of a drilling program as part of our Early Works Program¹, I am pleased to confirm that drilling has recommenced at Roche Dure."

"Drilling at the north-east end of the known orebody, in areas previously inaccessible due to surface water, is aimed at significantly increasing the known lithium-rich ore resources in this area."

"This will underpin our future plans to extend the stated mine life at Manono, should this drilling campaign prove to be successful."

"The Company's confidence in the Manono Project and continuing lithium-ion battery demand, provides a significant opportunity to further increase the known reserves at Roche Dure, which is designed to add long term value for our shareholders and underpin the Project's credentials as the largest global undeveloped hard rock lithium deposit."

"Following the generation of an Exploration Target for the historical eluvial and alluvial tin deposits north of the pegmatites at Manono², consultants and drilling companies have been contracted to delineate a selection of prospective deposits for an RC drilling campaign to investigate the robustness of the mineralisation and extent of the buried palaeochannels, with a view to possibly generating a maiden mineral resource estimate from this first round of drilling."

1. Refer ASX Announcement dated 10 February 2022 "AVZ Commits A\$25M to early works & exploration drilling programme for Manono Lithium and Tin Project"

2. Refer ASX Announcement dated 18 May 2021 "Initial Exploration Target for Alluvial Placer Hosted Tin Defined at the Manono Lithium and Tin Project"



Figure 2: Senior Dathcom geologist, Mr. Papy Ilunga, at hole MO22DD001 at the Roche Dure extension

This announcement was authorised for release by the Board of Directors of AVZ Minerals Limited.

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ABOUT MANONO LITHIUM AND TIN PROJECT

AVZ holds a 75% interest in the Manono Project, located 500km north of Lubumbashi in the south of the Democratic Republic of Congo, hosting the world class Roche Dure Mineral Resource, one of the largest undeveloped hard rock lithium deposits in the world.

The Manono Project is strategically positioned as a clean, sustainable source of lithium, significantly contributing to the green energy transition, feeding the global lithium-ion battery value chain. With industry leading ESG credentials, it is forecast to be one of the lowest carbon emitting hard rock mines in the world.

NO NEW INFORMATION

This document may include references to information that relates to Mineral Resources and Ore Reserves prepared and first disclosed under the JORC Code 2012. The information references the Company's previous ASX announcements noting the following:

- Mineral Resources and Ore Reserves for the Manono Lithium and Tin Operation "MLTO" or Roche Dure reference the Company's previous ASX Announcements "JORC Ore Reserves increase by 41.6% at Roche Dure" released to ASX on 14 July 2021 and "Updated Mineral Resource Estimate Includes Pit Floor "Wedge" Drill Results" released to ASX on 24 May 2021.
- Any reference to Carriere de l'Este mineral resource estimate (MRE) should be read in conjunction with the Company's previous ASX Announcement "Assays from Carriere de l'Este drilling confirms deposit a likely rival to Roche Dure" dated 16 August 2021.
- Any reference to tin exploration targets should be read in conjunction with the Company's previous ASX Announcement "Initial Exploration Target for Alluvial Placer Hosted Tin Defined at the Manono Lithium and Tin Project" dated 18 May 2021.
- The Definitive Feasibility Study (DFS) refers to the April 2020 DFS, announced to the ASX on 21 April 2020.

These announcements are available to view on the Company's website www.avzminerals.com.au. The Company confirms it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources and Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the relevant original market announcements

FORWARD LOOKING INFORMATION

This announcement contains certain forward-looking statements and comments about future events, including the Company's expectations about the Manono Project and the performance of its businesses. Forward looking statements can generally be identified by the use of forward-looking words such as 'expect', 'anticipate', 'likely', 'intend', 'should', 'could', 'may', 'predict', 'plan', 'propose', 'will', 'believe', 'forecast', 'estimate', 'target' and other similar expressions within the meaning of securities laws of applicable jurisdictions. Indications of, and guidance on, future earnings or financial position or performance are also forward-looking statements.

Forward looking statements involve inherent risks and uncertainties, both general and specific, and there is a risk that such predictions, forecasts, projections and other forward-looking statements will not be achieved. Forward looking statements are provided as a general guide only and should not be relied on as an indication or guarantee of future performance. Forward looking statements involve known and unknown risks, uncertainty and other factors which can cause the Company's actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements and many of these factors are outside the control of the Company. As such, undue reliance should not be placed on any forward-looking statement. Past performance is not necessarily a guide to future performance and no representation or warranty is made by any person as to the likelihood of achievement or reasonableness of any forward-looking statements, forecast financial information or other forecast. Nothing contained in this announcement nor any information made available to you is, or shall be relied upon as, a promise, representation, warranty or guarantee as to the past, present or the future performance of the Company.

Except as required by law or the ASX Listing Rules, the Company assumes no obligation to provide any additional or updated information or to update any forward-looking statements, whether as a result of new information, future events or results, or otherwise.