

Avrupa Minerals Ltd. Starts Drilling on the Alvalade Copper-Zinc Project, Iberian Pyrite Belt, Portugal

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- Alvalade drilling campaign starts; initial core hole underway
- Plan for 7-8,000 meters in 12 to 15 diamond drill holes
- Sesmarias VMS system to be tested first
- Targets between Sesmarias, Lousal, and Monte da Bela Vista later
- Helicopter-supported VTEM geophysical survey to begin; will cover 75% of Alvalade license

Vancouver, Dec. 10, 2020 - [Avrupa Minerals Ltd.](#) (TSXV:AVU) (OTC:AVPMF) is pleased to announce that the Company has started drilling on the Alvalade Project. Originally planned for an October start-up, delays due to permitting of land and water access set the program back for over a month. The drill rig is now set up at the northern end of the Sesmarias massive sulfide mineralization where the Company is targeting both strike-length and dip-length extensions of the copper-zinc-iron sulfide zone. Re-logging of previous Avrupa drilling by company and partner geologists along the Sesmarias discovery zone is providing an enhanced look into the targeting for new, additional mineralization, and the first holes will test this expansion potential. In total, we expect to drill 7-8,000 meters in this initial program over the coming months.

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Figures 1 and 2. In previous work at Sesmarias, Avrupa outlined four immediate target zones around the massive sulfide discovery, beyond downdip targets along the actual mineral lenses, Lens 2, Lens 8, and Lens 10. To date, Lens 8 has seen the least amount of development. The first holes in this drilling phase will be set to extend Lens 8 towards the area of the Northern Deep targets, which will be designated the Brejo area, for future reference. Review of project gravity and magnetic geophysical data and re-logging of historic drilling in the Brejo area are providing important vectoring information for the upcoming holes at and along Lens 8.

In addition to the drilling, a helicopter-supported VTEM electromagnetic survey will commence in mid-December, covering the northern 3/4 of the Alvalade License. The survey will be conducted by Canadian-based Geotech Ltd. Results from this program will assist in delineating further massive sulfide targets, particularly in the license area between Sesmarias and the historic Canal Caveira massive sulfide deposit located at the north end of the license. Initial orientation flights over the Sesmarias and Lousal massive sulfide deposits will be of significant value for determining the important geophysical characteristics of these deposits. Understanding the geophysical signatures here will subsequently be utilized to help discover new areas for potential discovery, especially between the historic Caveira Mine and the Sesmarias discovery.

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Figures 3 and 4. The Alvalade Experimental Exploitation license covers at least five target basin areas, each with numerous potential drill target setup locations. The VTEM survey, outlined in green in Figure 3, will cover four of the five major basins in this go-around, including Lousal, Monte da Bela Vista, Cabeça Gorda, and Caveira. Figure 4 shows results from previous soil sampling work by Avrupa Minerals which outline a strong copper anomaly in the target Pyrite Belt mine-hosting rock formation in these four basins. We expect to utilize all this data to highlight targets for first-and second-pass, discovery-oriented drilling in the upcoming program.

The continuing work program is fully funded by Minas de Aguas Teñidas, S.A. (MATSA). MATSA can initially earn a 51% interest in the Alvalade Experimental Exploitation License property by

completing funding requirements set out in the joint venture agreement between the companies. MATSA may then increase their interest in the Project to 85% by preparing a bankable feasibility study. Avrupa previously described the details of the agreement in news releases dated October 1, 2019 and November 20, 2019.

Paul W. Kuhn, President and CEO of Avrupa Minerals, commented, "It's great to finally get the drilling program started. The team has worked hard to get to this point, and we are looking forward to the potential expansion of the Sesmarias mineralization, as well as to the discovery of new zones along with the district trend from Sesmarias to Lousal/Monte da Bela Vista to Caveira. We will have a lot going on until the end of the year and expect a busy first quarter of 2021."

In continued deference to the COVID-19 pandemic, all efforts to maintain a healthy, safe, and sustainable working environment will continue to be the first and foremost priority at the Project facilities and in the field.

Minas de Aguas Teñidas, S.A. (MATSA) is a private Spanish mining company, which owns and operates three mines in the province of Huelva (Andalusia, Spain): Aguas Teñidas, Magdalena, and Sotiel. MATSA also holds 1,312 km² of exploration permits in the south of Spain and 1,106 km² in Portugal. Focused on innovation and the most advanced technology to develop modern and sustainable mines, MATSA is a 50:50 joint venture company of Mubadala Investment Company, a sovereign investor managing a global portfolio aimed at generating sustainable returns for its shareholder, the Government of Abu Dhabi, and Trafigura, one of the world's leading commodity trading houses.

[Avrupa Minerals Ltd.](#) is a growth-oriented junior exploration and development company directed to discovery of mineral deposits, using a hybrid prospect generator business model. The Company holds one 100%-owned license in Portugal, the Alvalade VMS Project, now optioned to MATSA in an earn-in joint venture agreement. Avrupa focuses its project generation work in politically stable and prospective regions of Europe, presently including Portugal and Kosovo. The Company continues to seek and develop other opportunities around Europe.

For additional information, contact [Avrupa Minerals Ltd.](#) at 1-604-687-3520 or visit our website at www.avrupaminerals.com.

On behalf of the Board,

"Paul W. Kuhn"

Paul W. Kuhn, President & Director

This news release was prepared by Company management, who take full responsibility for its content. Paul W. Kuhn, President and CEO of Avrupa Minerals, a Licensed Professional Geologist and a Registered Member of the Society of Mining Engineers, is a Qualified Person as defined by National Instrument 43-101 of the Canadian Securities Administrators. He has reviewed the technical disclosure in this release. Mr. Kuhn, the QP, has not only reviewed, but prepared and supervised the preparation or approval of the scientific and technical content in the news release. Comments concerning resource estimates at the historic Lousal Mine are taken from publicly-available reports and studies, but are in no way compliant with resource definition regulations outlined in National Instrument 43-101.

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