



## Mina do Barroso Lithium Project – Community Newsletter February 2019 Edition

Savannah Resources PLC (“Savannah”) is a mineral exploration company listed on the London AIM stock exchange (AIM: SAV) and is developing a lithium project in Barroso region.

The purpose of Savannah’s newsletter is to provide the communities surrounding the project with information about the work completed and planned by the company. You can find the previous editions on the Savannah’s website section dedicated to community (<http://www.savannahresources.com/community/portugal/>).

This newsletter is designed to help promote two-way communication between the company and the community. Therefore, if there are any specific questions which you would like to have answered please contact us at [community@savannahresources.com](mailto:community@savannahresources.com) and we will endeavour to answer the question in a future edition of the newsletter or, if more urgent, directly with you.

### Drilling Activities

After the Christmas holiday break drilling has continued at Grandão to collect further metallurgical samples which are required for the ongoing testing to ensure the Spodumene minerals are recovered in the best way possible.

As part of Savannah’s joint venture agreement with Aldeia & Irmão S.A., prospecting drilling at the Alto da Carvalha prospect has started. Prospecting in February and March will focus on the discovery of new Pegmatites in the Alto da Carvalha area.



*View of Aldeia’s Alto da Carvalha Quarry*

### Frequently Asked Questions

#### How is Spodumene extracted?

The Pegmatite rock at the mina do Barroso project contains minerals of quartz, feldspar, spodumene and mica. It is the mineral spodumene which contains Lithium. The Spodumene has to be separated from the other minerals to make a product suitable for sale. Pegmatite material collected from the Mina do Barroso project has been sent to specialist laboratories to undergo testing to determine the best process to recover the spodumene minerals. The process of froth flotation and heavy media separation are used to concentrate the spodumene mineral.



*Spodumene Concentrate*

**Will drill sites be rehabilitated?**

Yes, all drill sites and access roads will be rehabilitated across the project. The process of rehabilitation has started for areas which no longer require access and will be on-going as work continues and further areas are no longer required. The profile of the drill sites is returned back as close to the original shape as possible and contoured to limit erosion and allow re-vegetation. The exact type and style of the rehabilitation is completed in agreement with the landowner.



*Drill site rehabilitation at Grandão*



**Why is land access compensation now being paid?**

Prospecting by Savannah has always been undertaken with the consultation of the relevant landowners prior to the development of works on the properties. In November 2018 a standard land access compensation agreement was established to ensure all landowners are compensated for the work completed regardless of previous agreements where compensation was not paid. The company has chosen to proceed this way, as it is a fair procedure and treats all landowners equally. In December and January all affected landowners have been contacted by Savannah and appropriate payments made.

**What are ground water monitoring holes (piezometers)?**

As part of Savannah operating licence, it is required to monitor the level and quality of the ground water in active areas through monitoring holes (piezometers). These holes consist of exploration drillholes, where smaller diameter PVC pipes are introduced along their entire length, to ensure that they remain.

In December seven additional water monitoring boreholes were established to record seasonal changes in chemistry and level of ground water in the areas of recent activity.



*Ground water monitoring hole*



*Water level monitor in a borehole*

## New Members of the Team

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### João Gomes

Hello! I'm João and I'm 20 years old. I'm from Sesserigo, municipality of Boticas. I'm in Savannah as a field helper.

In my free time I like to run, fish and ride a bike. I am a cheerful and happy person, and I hope to contribute to the company, as well as to grow with this new experience.



### Francisco Cumbi

Francisco Cumbi Savannah Health and Safety officer from Mozambique was at the Mina do Barroso project to help implement and update Savannah's health and safety procedures. During this time Francisco also provided training to Manuel Esteves who will be transitioning to a new full time roll of health and safety officer during the next 6-12 months.

## Where to find more information

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There is further information on the Savannah website in the dedicated community section, the website can be found at [www.savannahresources.com](http://www.savannahresources.com). If you have a specific question or query, please send an email to [community@savannahresources.com](mailto:community@savannahresources.com) a we will endeavour to answer your question as soon as we are able.

If you would like to visit the site to see any of the operations or have any other questions we will be more than happy to meet and answer questions. Savannah has a dedicated community relations officer, Marta Fernandez who is available to discuss the project with the community. Marta can be contacted on 917599130.

More news can be found at: Website: [www.minadobarroso.pt](http://www.minadobarroso.pt)

Twitter: [@MinadoBarroso](https://twitter.com/MinadoBarroso)