

Altura Lithium Operation Newsletter

Altura Exploring

In December Altura announced an update on exploration activities. Managing Director James Brown announced work as part of Altura’s ongoing regional exploration which is running in parallel with the final period of construction of the Altura Lithium Project.

Commencing in January 2018 Altura plans to explore the potential of each of its deposits and prospects listed below:

Deposit or Prospect Name	Tenement Location	Mineralisation Target
Southern Ridge	M45/1231	Li
Utara	E45/2287	Li, Ta
Cleopatra	E45/2363-I	Au, Ag
Caravan	E45/2363-I	Cu, Au
Hannibal	E45/2363-I	Au, Ag
Anomaly 10	E45/2363-I	Au, Ag
Perfect Stranger	E45/2363-I	Au, Ag
Ridge	E45/4894 (pending application)	Li

Altura remains focused on delivering the Pilgangoora Lithium Mine and further potential lithium deposits for its stakeholders in 2018, starting with the commencement of a RC drilling program in the Utara Prospect area in the new year. At the same time, the Company is looking to add value for its stakeholders by exploring other potential mineral discoveries like that recently identified at the Cleopatra Prospect (Gold & Silver) and other potential mineralised prospects located within its various exploration tenements in the Pilbara region.

Aside from the greater regional exploration program planned for 2018 Altura will be focused on expanding the current Mineral Resource within the existing mining area at Pilgangoora. The immediate area of focus is south east of the current defined Ore Reserve, where further closer spaced drilling is planned to integrate this area into the existing mining inventory

Civil Works

Practical Completion of the Civil Works package was achieved in December, another significant Project Milestone. The last of the large footings and surface slabs were complete including those in the photos below which are the final product slabs, from where the spodumene concentrate will be loaded onto haulage trucks. Whilst a small crew are still engaged punchlisting items from this package, the Process Plant area is now entirely handed over for the ongoing Structural and Mechanical works



Photo 1

SMP

Works in December were primarily focused on completion of the Crushing Circuit construction, installation of the HPGR crusher onto its structure and lifting the Ball Mill shell up onto its structure. Also rising quickly from the concrete has been the modular construction of the Primary DMS units. The large Apron Feeder beneath the Crushed Ore Bin structure was lifted into position prior to the Xmas break and much work has already been

completed on the main conveyors to the HPGR and DMS feed bin.



Photo 2

TSF

Practical Completion was also achieved for the construction of the Tails Storage Facility (TSF) during December. The photo below is of the finished facility following our first rains at the end of December. It shows how the drains direct the water to the under drainage tower (left of picture), which is an important design function, as that will promote the drainage and consolidation of the tails material, as well as water recovery.



Photo 3

Non-Process

Metallurgy laboratory buildings have been procured by Altura in December 2017. The transportable buildings will be fitted out with mechanical, electrical and ventilation system prior to arriving on site. The sample preparation shed will be installed on site adjacent to the lab buildings in the first quarter of the new year.

After completion and commissioning, the facility will be handed over to Intertek where it will be fitted with special tools and equipment to provide operation and management of the site laboratory services.

Mine Operations Centre (MOC)

The Mine Operations Centre (MOC) was commissioned and occupied by Altura personnel before the Christmas break.

Altura and NRW employees will now be housed in their new Mining Operation Centre (MOC) featuring 500 square meters of office space including teleconference room, kitchen and dining facilities; additionally, 1000 square meters of outdoor space, medical clinic and crib room for NRW personnel (Photo 4 and photo 5)



Photo 4



Photo 5

Emergency Response/Evacuation Drill

In December, the Project held another “real time” **Mine Emergency Response Drill**. The drill simulated a mine emergency involving an injured worker at the HPGR



Photo 6

Out of the 100 people that participated in the drill only a hand full of employee knew ahead of time that the drill would take place.

The management team did a great job of completing the drill by working together in an extremely organized manner. Within minutes the Altura Site Paramedic and ERT attended the scene (Photo 6 and Photo 7).



Photo 7

A Safe Festivities Season

With Christmas and the festive holidays, the Altura Lithium Project shut down the majority of construction activity between the 22nd of December to the 27th December. During this period the opportunity was taken to give access to the plant site area for trenching and the placement of power and service media.

All personnel were back to work on the project prior to the New Year, this brief break allowing all to refresh and be back for a big effort to progress the mechanical build of the plant and to commence electrical and piping work early in the New Year.

