



ASTRON CORPORATION LIMITED

ARBN 154 924 553

Incorporated in Hong Kong, company number 1687414

Notice to the Australian Stock Exchange

Production and Exploration Report

Quarter Ended 30 September 2019

Donald Mineral Sands Pty Ltd (DMS) and Sovereign Gold NL (SG) (both 100% controlled by Astron Corporation Limited)

DMS owns MIN5532, RL2002 (formerly EL4433), RL2003 (formerly EL4432, and incorporating the former RL2006) and EL5186, which together comprise the Donald Mineral Sands Project (Donald Project).

Donald Project

PRODUCTION

During the quarter the Donald Project did not conduct any production activities.

DEVELOPMENT

During the quarter, the development of the Donald continued with the following being undertaken:

Piloting of DMS Project Ore Materials

Astron has commenced piloting of the Donald Project Ore Materials, as announced on 8 July 2019. This has involved definitive trials of the DMS ore material in southern Queensland. Two separate engineering and metallurgical firms were engaged to conduct these works. Conventional and latest technology testing forms part of the 3 stage piloting program which commenced recently.

Feasibility study

DMS has completed the technical aspects of the optimisation of the feasibility study as previously announced and work continues on the capital aspects of the optimisation. Initial indications are that improvements from the updated technical aspects and the use of Chinese equipment will be positive. An updated feasibility study is anticipated to be completed shortly.

Funding

Notwithstanding the expiry of the EPC (engineering, procurement and construction) contract between DMS and the China Machinery Engineering Corporation contract, Astron continues to discuss the DMS Project with CMEC, and consider other options for funding and progressing the DMS Project.

EXPENDITURE SUMMARY

Total expenses incurred were:

Production Activities	Sept Qtr 2020	YTD 2020 FY
	Nil	Nil
Development Activities	Sept Qtr 2020	YTD 2020 FY
	\$177,204	\$177,204

Niafarang Project

Astron owns licence issued under Order Number 09042/MIM/TMG

PRODUCTION

During the quarter the Niafarang Project did not conduct any production activities.

DEVELOPMENT

Mining licence and next stages

As announced on 8 June 2017, the mining licence was issued. All aspects of the project are now being progressed to target commencement of activities in late 2019. It is anticipated that the mine will be a surface mine with little or no overburden, meaning the mining method will be relatively straightforward with spiral separation.

EXPENDITURE SUMMARY

Total expenses incurred were:

Production Activities	Sept Qtr 2020	YTD 2020 FY
	Nil	Nil
Development Activities	Sept Qtr 2020	YTD 2020 FY
	\$68,143	\$68,143

Note: the development activities expenditure includes procurement, design and consulting in anticipation of commencement of the Senegal project.

Other business

Astron has commenced commissioning its China based TiO₂ processing plant, as announced on 16 May 2019. This plant has been constructed to process up to 150,000 tons per annum and is currently undergoing extended commissioning. The plant is anticipated to produce a number of different grade and particle size TiO₂ feed stocks. These products are sourced as TiO₂ chlorination feedstock either as a direct feed or agglomerated pellets in excess of 94-95% TiO₂ grade. This is being used in relation to the low-grade TiO₂ feedstock that Astron has acquired.



Astron has recently advanced its development and trials of micro-agglomerated TiO₂ materials and now focusses its efforts in delivering commercial scale production deliverables. This project also includes a new 10,000 m² warehouse and hardstand for storage of raw material, stocks and final products.

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Minyip

31 October 2019

About Astron

Astron has commenced the rebuilding of its Advanced Materials & Manufacturing base in China. Building onto its 25 year record as an advanced supplier of advanced materials, Astron will develop its own major Zircon, Titanium and Rare Earth feed stock supplies from its Niafarang and Donald projects.

The Donald project is one of the largest known zircon and titanium resources in the world. The project has significant potential for long term supply into global markets with its final products while creating sustainable growth and regional development in Victoria Australia.

The Niafarang project in Senegal, West Africa, is a high-grade coastal mineral sands deposit, to be exploited using simple dredge mining and processing methodology.

Astron continues to build on its unique 25 year track record in China as a Chinese-Australian company in developing, selling and marketing zirconium and titanium products.

CAUTIONARY STATEMENT

Certain sections of this document contain forward looking statements that are subject to risk factors associated with, among others, the economic and business circumstances occurring from time to time in the countries and sectors in which the Astron group operates. It is believed that the expectations reflected in these statements are reasonable, but they may be affected by a wide range of variables which could cause results to differ materially from those currently projected.