

ARCADIA LITHIUM DELIVERS FIRST PRODUCT SAMPLES TO INTERNATIONAL MARKET

Arcadia Lithium Project has delivered the following products to prospective Chinese, North American and German customers:

-) **ArcadiaLithium 6.5 - Spodumene concentrate – 6.5% Li₂O and 0.33% Fe₂O₃**
-) **ArcadiaLithium 6.1 - Spodumene concentrate – 6.1% Li₂O and 0.52% Fe₂O₃**
-) **ArcadiaLithium 4.2 – Petalite concentrate – 4.2% Li₂O and 0.08% Fe₂O₃**
-) **In house laboratory on track to produce battery grade lithium carbonate**

Prospect Resources Ltd (ASX: PSC) (the “Company”) is pleased to announce that it has successfully shipped representative samples of its ArcadiaLithium product suite comprising spodumene and petalite concentrates to prospective customers in China, Germany and the USA. The three products comprising the ArcadiaLithium suite are:

1. **ArcadiaLithium 6.5:** Spodumene concentrate at 6.5% Li₂O and 0.33% Fe₂O₃, produced as product of the floatation circuit at Arcadia
2. **ArcadiaLithium 6.1:** Spodumene concentrate at 6.1% Li₂O and 0.52% Fe₂O₃, produced as product of the Dense Media Separation (DMS) circuit at Arcadia
3. **ArcadiaLithium 4.2:** Petalite concentrate at 4.2% Li₂O and 0.08% Fe₂O₃, produced as product of the DMS circuit at Arcadia



ArcadiaLithium 6.5
6.5% Li₂O & 0.33% Fe₂O₃
Spodumene (Float)

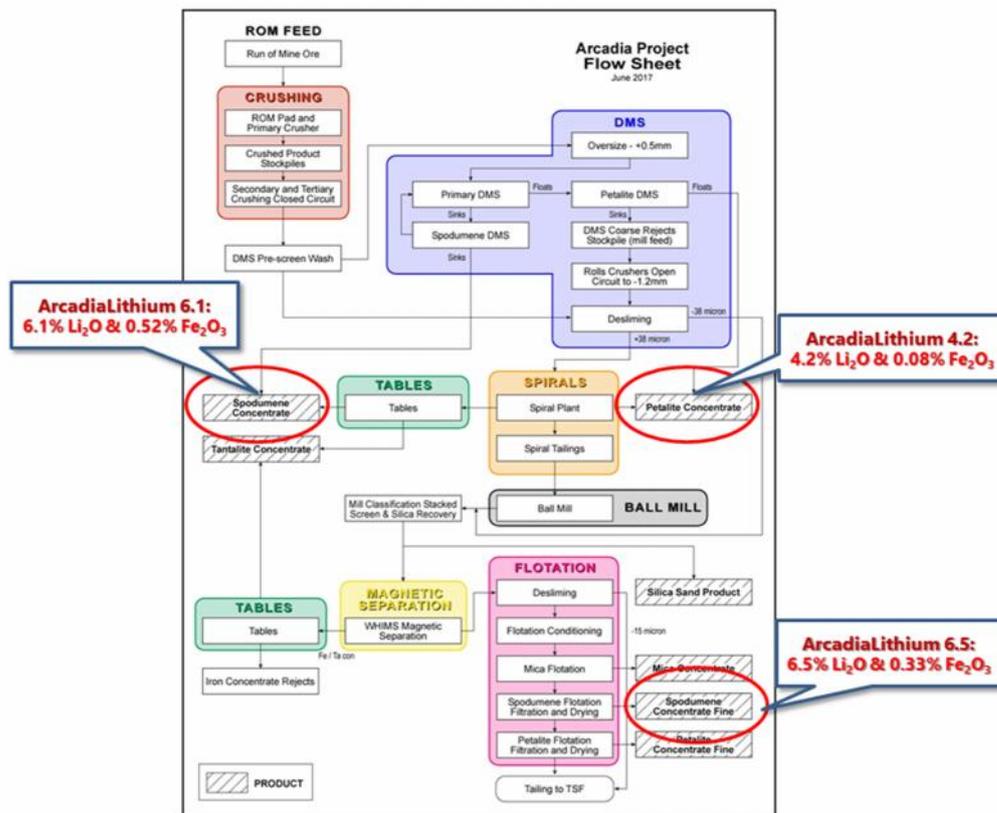


ArcadiaLithium 6.1
6.1% Li₂O & 0.52% Fe₂O₃
Spodumene (DMS)



ArcadiaLithium 4.2
4.2% Li₂O & 0.08% Fe₂O₃
Petalite (DMS)

The mineral concentrates were produced following the metallurgical Flowsheet designed as part of the positive Pre-Feasibility Study (PFS) completed at the end of June and are considered suitable for use in lithium hydroxide and carbonate plants that supply feedstock to lithium battery manufacturers as well as glass and ceramic markets. The PFS completed by the Company has defined a simple mining operation at Arcadia producing 75 000tpa spodumene concentrate (>6% Li₂O) and 155 000tpa petalite concentrate (>4.1% Li₂O) over the 20 year Life of Mine. Please refer to the PFS Press Release dated 3 July 2017.



In tandem with its PFS being completed over the Lithium Chemical Plant, the Company continues to develop its in house capacity to generate battery grade lithium carbonate products from Arcadia mineral concentrates. To date the Company has made significant progress utilising petalite concentrates to produce lithium carbonate, with aim to produce battery grade (>99.5% Li₂CO₃) lithium carbonate.

Chairman of Prospect, Mr Hugh Warner, had the following to say:

“I am personally delivering samples to prospective customers in China this week. The provision of these Arcadia product samples to select prospective customers globally is a key factor in the successful development of this project. Our team in Zimbabwe have also made significant progress in being able to produce lithium carbonate from petalite concentrates – and I look forward to their progress to achieve battery grade specifications over the coming weeks.”

For further information, please contact:

Hugh Warner

Prospect Resources
Executive Chairman
Ph: +61 413 621 652

Harry Greaves

Prospect Resources
Executive Director
Ph: +263 772 144 669