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## **RLC's iron project investigates biomass to cut costs**

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Reedy Lagoon's iron project at Burracoppin could be part of a new "green" industry in Western Australia. The Company is investigating whether pig iron can be made at a lower cost using locally grown biomass instead of coal as a reductant.

Late last year a report by Dinsdale Consultants identified that there is potential to enhance project economics for the Burracoppin project by further processing product into high-quality pig iron ([ASX release 10/09/2019](#)).

The report assumed the use of Hismelt technology to produce the pig iron using feedstock with the qualities of the Burracoppin mineralization.

Hismelt technology is a significant step forward in clean technology for iron making. It eliminates sinter and pellet plants (eliminating emissions of particulates, dioxins) and it eliminates coke ovens (eliminating emissions of benzene, toluene).

The world's steel industry is looking for ways to reduce its CO<sub>2</sub> emissions, but it is currently one of the largest coal-consuming industries. The main routes to reduce coal consumption which are being investigated include using biomass or hydrogen to replace coal in the processing of iron-ores and iron-concentrates into pig iron.

Reedy Lagoon has engaged Dinsdale Consultants to research opportunities for making "green" pig iron by using biomass as the reductant in the Hismelt production process instead of coal. This concept has already been demonstrated successfully at a pilot plant scale in Europe. The report will also include an assessment of the production of hydrogen using electricity generated during the smelting process.

Reedy Lagoon believes that there is a great opportunity for it to be part of a new "green" industry producing high-quality pig iron in Western Australia. Reedy Lagoon's Burracoppin project has mineralization with qualities that suit Hismelt and Burracoppin is located 250 kilometres east of Perth with the Trans-Australian railway running through the project tenement.

The report is expected to be completed in 7 weeks time.

Authorised for release on behalf of the Company.

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### More about Reedy Lagoon Corporation:

In addition to the Burracoppin iron project, the Company is exploring for Lithium in brine projects located in Nevada, USA. The Company intends exploiting the new lithium extraction technologies under development that will enable lithium to be extracted from a brine without the use of evaporation ponds.

The Company is also developing gold projects in Western Australia and opportunities for other projects elsewhere are under review. Targets for first pass geochemical sampling are being generated including at sites located on the Burracoppin project tenement.

### Competent Persons Statement

*The information in this report that relates to Exploration Results is based on information compiled by Geof Fethers who is a member of the Australian Institute of Mining and Metallurgy (AusIMM). Geof Fethers is a director of the Company and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Geof Fethers consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. Where Exploration Results have been reported in earlier RLC ASX releases referenced in this report, those releases are available to view on the INVESTORS page of reedylagoon.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in those earlier releases. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.*