

22 September 2020

## IXR OWNERSHIP NOW 46% OF MAKUUTU RARE EARTHS PROJECT

Ionic Rare Earths Limited (“IonicRE” or “the Company”) (ASX: IXR) is pleased to advise that after recent significant milestones, the Company has increased its ownership interest in the Makuutu Rare Earths Project to 46% as it moves towards an agreed minimum potential ownership of 60%.

The project & executive teams continue to deliver above expectations, inclusive of the following;

- Upgrading the Inferred and Indicated Mineral Resource to **78.6 Mt @ 840 ppm TREO, at a cut-off grade of 300 ppm TREO-Ce<sub>2</sub>O<sub>3</sub>** (ASX:23 June 2020); while maintaining its Exploration Target (ASX: 4 September 2019) at:  
**270 – 530 million tonnes grading 0.04 – 0.1% (400 – 1,000 ppm) TREO\***

\*This Exploration Target is conceptual in nature but is based on reasonable grounds and assumptions. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

- Metallurgical optimisation testwork demonstrated a **several fold increase in REE extractions** using simple extraction techniques (ASX: 26 May 2020) and validated on samples tested from the Makuutu Eastern Zone (EL 1766) (ASX: 4 August 2020);
- Resumption of field activities (ASX: 11 June 2020) including **restart of the 4,000 metre core drill program** to test the 26-kilometre long mineralisation corridor on an area more than three (3) times larger than the existing Mineral Resource area (ASX: 15 July 2020) ; and
- Recently closing both an oversubscribed A\$2.5 million placement (before costs) to sophisticated investors at A\$0.008 (ASX: 26 June 2020) and a A\$1.0 million Share Purchase Plan to existing shareholders at A\$0.008 (ASX: 27 July 2020), both oversubscribed and scaled back.

IonicRE remains focussed on the timely development of the Makuutu Rare Earths Project, that could be a globally significant producer of the both Heavy Rare Earths Oxides (HREO) and Critical Rare Earth Oxides (CREO), and providing a viable large-scale, low-cost alternative HREO/CREO supply outside of China.

Our focus is the completion of the Makuutu Rare Earths Project Scoping Study to support the renewal of the Retention Licence 1693. IonicRE remains on track to submit the Scoping Study to the Ugandan Directorate of Geological Survey and Mines before the 1<sup>st</sup> November 2020.

IonicRE has recently commenced the Environmental and Social Impact Assessment in Uganda and maintains a strong relationship with key stakeholders. Strategic partnership discussions continue with a wide range of parties globally to discuss options from direct investment, integration with existing supply chains and off-take. The company will update the market as these ongoing discussions develop.

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Authorised for release by Brett Dickson, Company Secretary.

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**Table 1: Makuutu Mineral Resource Estimate above 300ppm TREO-Ce<sub>2</sub>O<sub>3</sub> Cut-off Grade.**

Resource Classification	Tonnes (millions)	TREO (ppm)	TREO-Ce <sub>2</sub> O <sub>3</sub> (ppm)	LREO (ppm)	HREO (ppm)	CREO (ppm)
Indicated Resource	9.5	750	520	550	200	280
Inferred Resource	69.1	860	620	640	210	320
<b>Total Resource</b>	<b>78.6</b>	<b>840</b>	<b>610</b>	<b>630</b>	<b>210</b>	<b>310</b>

Rounding has been applied to 0.1Mt and 10ppm which may influence grade average calculations.

### Competent Person Statements

*Information in this report that relates to previously reported Exploration Targets and Exploration Results has been cross-referenced in this report to the date that it was originally reported to ASX. Oro Verde Limited confirms that it is not aware of any new information or data that materially affects information included in the relevant market announcements.*

*The information in this report that relates to Mineral Resources for the Makuutu Rare Earths deposit was first released to the ASX on 23 June 2020 and is available to view on [www.asx.com.au](http://www.asx.com.au). Oro Verde Limited confirms that it is not aware of any new information or data that materially affects information included in the relevant market announcement, and that all material assumptions and technical parameters underpinning the estimates in the announcement continue to apply and have not materially changed.*