2 September 2021

High-Grade Drill Intersections
New Mineralised Pegmatite Confirmed at Grasscutter
Mineralised Pegmatites Extended at Ewoyaa North
Ghana, West Africa

IronRidge Resources Limited (AIM: IRR, "IronRidge" or the "Company"), the African focussed minerals exploration company, is pleased to report additional broad and high-grade lithium pegmatite drill intersections at new targets adjacent to the Ewoyaa Lithium Project ("Ewoyaa" or "ELP"), where the Company has defined a JORC compliant mineral resource estimate of 14.5Mt at 1.31% Li_2O in the inferred and indicated category, including 4.5Mt at 1.39% Li_2O in the indicated category in Ghana, West Africa.

HIGHLIGHTS:

- **New high-grade lithium pegmatite intersections reported in initial reverse circulation ("RC") drilling results at the Grasscutter target adjacent to the ELP, including highlights at a 0.4% Li_2O cut-off and maximum 4m of internal dilution of:**
  - **GRC0368: 49m at 1.21% Li_2O from 122m**
  - **GRC0362: 29m at 1.49% Li_2O from 71m**
  - **GRC0364: 26m at 1.57% Li_2O from 126m**
  - **GRC0365: 23m at 1.55% Li_2O from 73m**
  - **GRC0363: 23m at 1.41% Li_2O from 62m**
  - **GRC0366: 21m at 1.36% Li_2O from 150m**
  - **GRC0367: 18m at 1.5% Li_2O from 53m**
  - **GRC0359: 21m at 0.92% Li_2O from 68m**
  - **GRC0361: 12m at 1.44% Li_2O from 47m**
- **Additional high-grade lithium pegmatite intersections reported in ongoing reverse circulation ("RC") drilling results at the Ewoyaa North and Anokyi Main targets adjacent to the ELP, including highlights at a 0.4% Li_2O cut-off and maximum 4m of internal dilution of:**
  - **GRC0351: 30m at 1.53% Li_2O from 109m**
  - **GRC0348: 30m at 1.3% Li_2O from 81m**
  - **GRC0356: 14m at 1.1% Li_2O from 83m**
  - **GRC0349: 14m at 0.88% Li_2O from 77m**
  - **GRC0334: 7m at 1.47% Li_2O from 72m**
  - **GRC0350: 6m at 1.63% Li_2O from 123m**
- **RC resource extension drilling now completed for a total 25,612m in 205 holes; assay results reported herewith for an additional 6,921m of the current programme.**
- **Infill resource drilling, metallurgical diamond core drilling and planning for hydro monitoring drilling, mining and engineering studies now commenced with five drill rigs on site.**
- **Ideal infrastructure support: projects located within 110km of the operating Takoradi deep-sea port, within 100km of the capital Accra and adjacent to the sealed Takoradi – Accra highway and high-power transmission lines.**

- **Highly supportive government; long mining history, strong diversification drive and pro-renewable and stored energy space initiatives.**
- **Increasing lithium demand due to its role in the stored energy transition.**

Commenting on the Company's latest progress, Vincent Mascolo, Chief Executive Officer of IronRidge, said:

"We are highly encouraged by the ongoing results received from new targets adjacent to Ewoyaa, which continue to confirm high grades in new exploration targets tested within the ELP area.

"We have defined a new mineralised structure at the Grasscutter target, where broad pegmatite intersections, including 49m at 1.21% Li_2O, have been reported within 620m of the resource footprint. The board is confident the additional exploration targets will increase resource scale and improve project economics, where we have defined Ghana's first lithium resource of 14.5Mt at 1.31% Li_2O, within 110km of an operating deep-sea port.

"We remain energised to be advancing the Project with our new partner Piedmont Lithium, with infill resource, metallurgical and hydrogeological drilling underway, and five drill rigs currently on site. The Company reaffirms that it is ideally positioned to take advantage of the increasing global demand for lithium."

Ongoing Drilling Results

New high-grade drilling results for 6,921m in 50 holes have been received for the ongoing drill programme. Multiple high-grade drill intersections have been returned, with highlights reported in ***Table 1*** and ***Figure 1*** at a 0.4% Li_2O cut-off and maximum 4m of internal dilution (*refer* ***Appendix 1*** for all reported intersections). Cross sections for highlight holes over the new Grasscutter target are shown in ***Figure 2*** and ***Figure 3***.

Table 1: *Reported RC drill intersection highlights at a 0.4% Li_2O cut-off and maximum 4m of internal dilution.*

Hole_ID	From_m	To_m	Interval_m	Hole depth	assay_Li2O	Intersection
GRC0368	122	171	49	194	1.21	GRC0368: 49m at 1.21% Li2O from 122m
GRC0351	109	139	30	163	1.52	GRC0351: 30m at 1.53% Li2O from 109m
GRC0362	71	100	29	128	1.48	GRC0362: 29m at 1.49% Li2O from 71m
GRC0364	126	152	26	176	1.56	GRC0364: 26m at 1.57% Li2O from 126m
GRC0348	81	111	30	131	1.29	GRC0348: 30m at 1.3% Li2O from 81m
GRC0365	73	96	23	116	1.55	GRC0365: 23m at 1.55% Li2O from 73m
GRC0363	62	85	23	104	1.41	GRC0363: 23m at 1.41% Li2O from 62m
GRC0366	150	171	21	195	1.35	GRC0366: 21m at 1.36% Li2O from 150m
GRC0367	53	71	18	160	1.50	GRC0367: 18m at 1.5% Li2O from 53m
GRC0359	68	89	21	110	0.92	GRC0359: 21m at 0.92% Li2O from 68m
GRC0361	47	59	12	100	1.44	GRC0361: 12m at 1.44% Li2O from 47m
GRC0356	83	97	14	164	1.09	GRC0356: 14m at 1.1% Li2O from 83m
GRC0349	77	91	14	182	0.87	GRC0349: 14m at 0.88% Li2O from 77m
GRC0334	72	79	7	254	1.46	GRC0334: 7m at 1.47% Li2O from 72m
GRC0350	123	129	6	163	1.62	GRC0350: 6m at 1.63% Li2O from 123m

All sampling was completed at 1m sampling intervals at the drill site and submitted for analysis at Intertek laboratory with sample preparation completed in Ghana and sample analysis in Perth, Western Australia. All results passed internal and laboratory QA/QC protocols, providing confidence in the reported results.

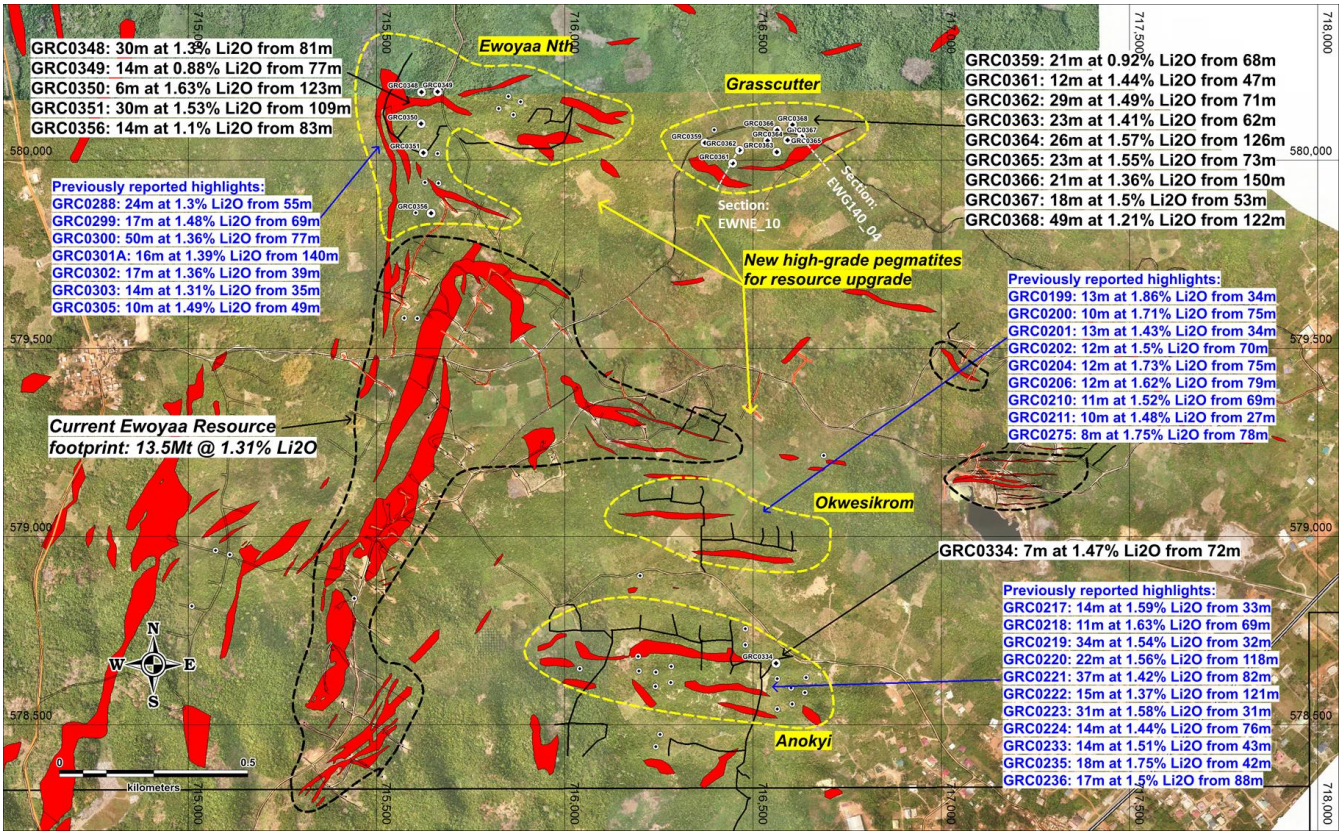

Figure 1: *Newly reported drilling highlights in black text with previous reported highlights in blue text; newly defined mineralised pegmatites outlined in yellow and outside of the current resource footprint outlined in black.*

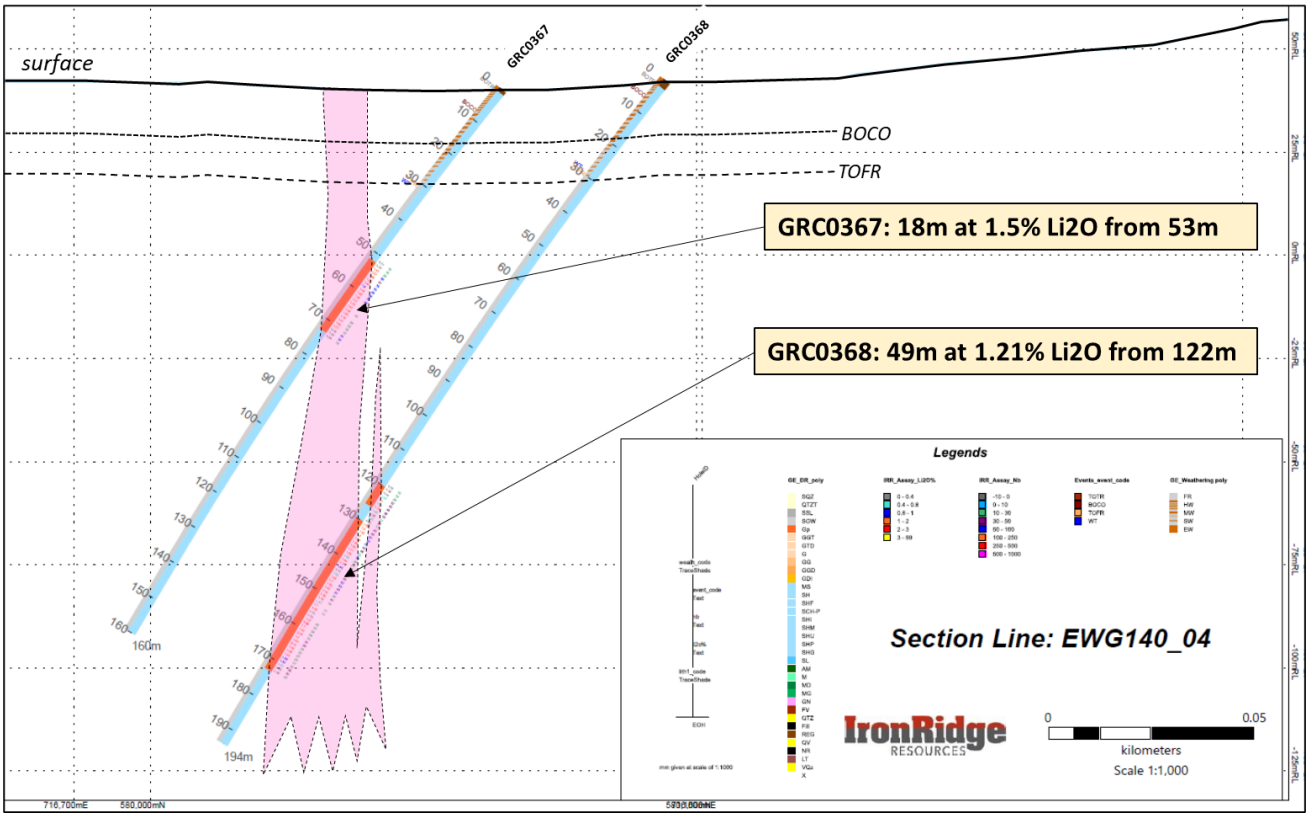

Figure 2: *Cross-section looking NE for holes GRC0367 and GRC0368 at the Grasscutter target.*

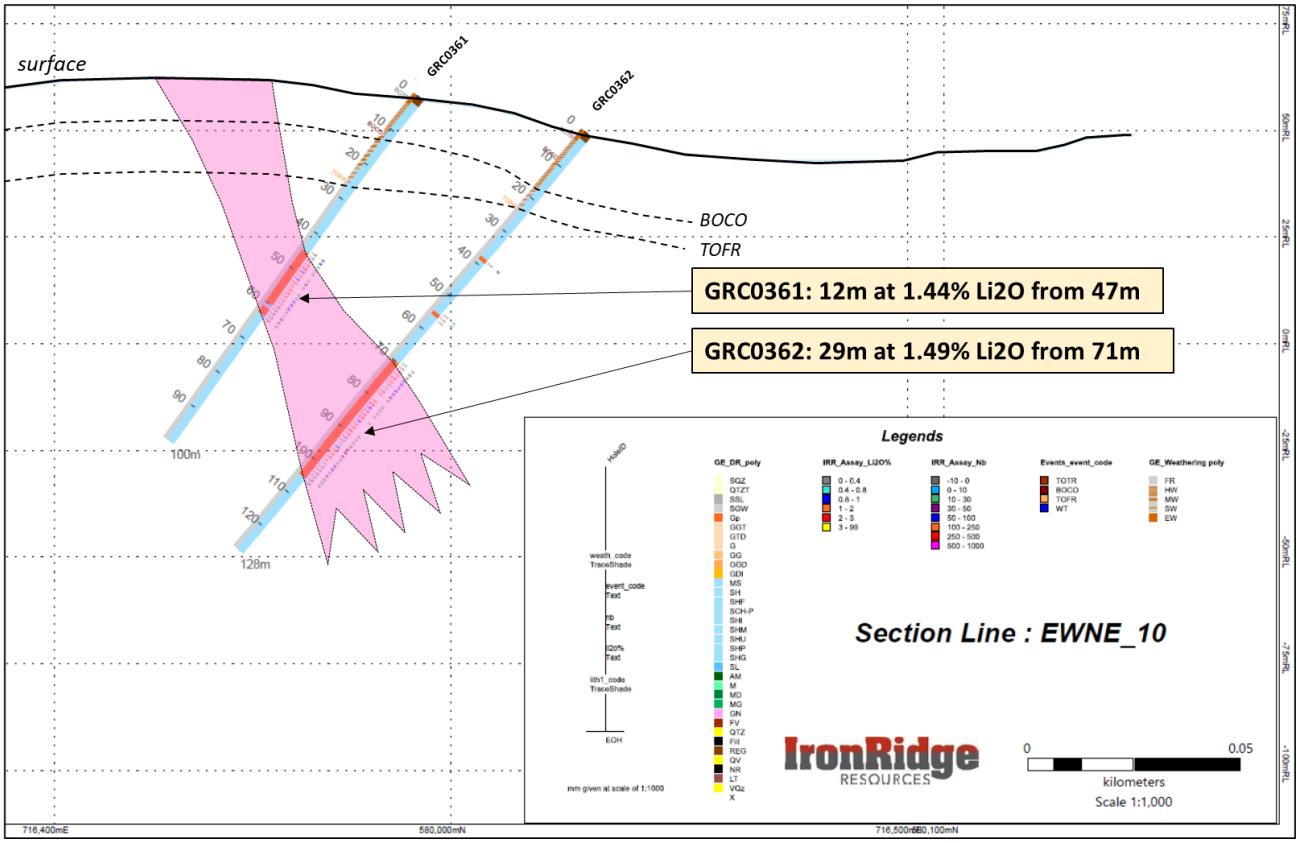

Figure 3: *Cross-section looking NW for holes GRC0361 and GRC0362 at the Ewoyaa North target.*

The drilling programme was designed to test multiple new spodumene-bearing pegmatites identified through the Company's recent and ongoing auger drill programme; to add resource tonnes within the immediate ELP mine corridor area (*refer* ***Figure 4***). The programme will also advance the regional exploration pipeline by drill testing the Ndasiman, Amoanda and Hweda targets within the Saltpond and Apam West licenses respectively (*refer* ***Figure 5***).

The original planned 12,500m RC drilling programme was increased to 16,500m to test strike extensions of drilled pegmatites and further increased to 25,000m to include the recently defined Grasscutter and Ewoyaa North targets.

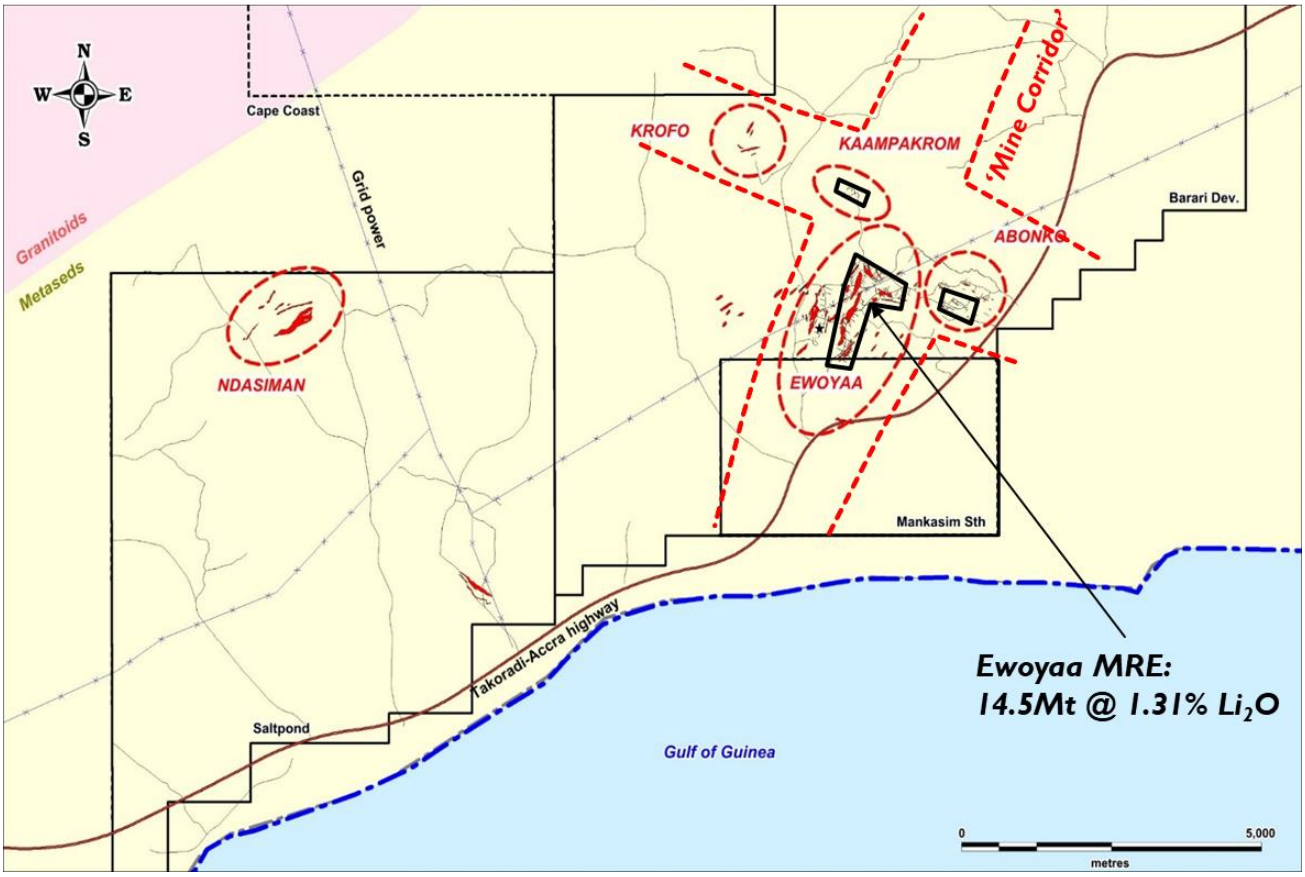

Figure 4: *Ewoyaa Lithium Project ("ELP") with current resource footprint outlined in black and broader ELP Mine Corridor location.*

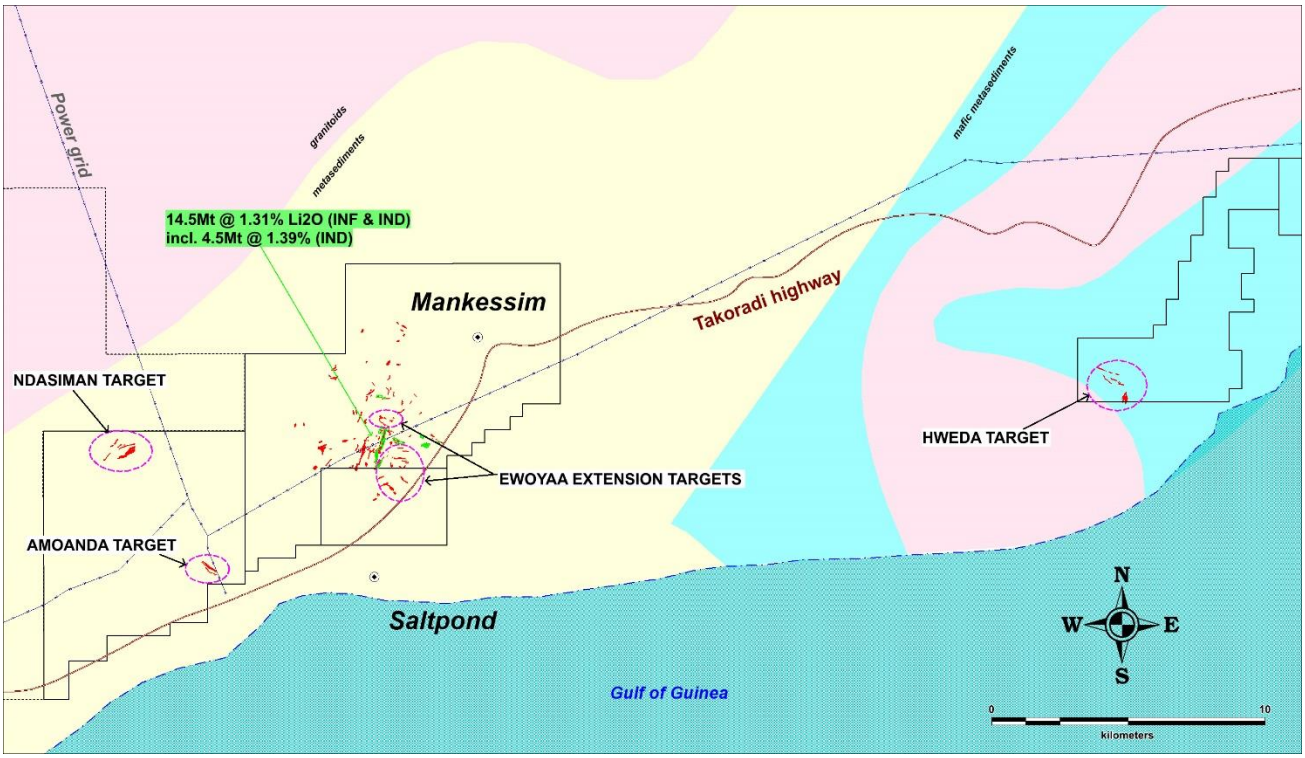

Figure 5: *Summary of new target areas being tested and their location relative to the current resource footprint.*

Competent Person Statement
Information in this announcement relating to the exploration results is based on data reviewed by Mr Lennard Kolff (MEcon. Geol., BSc. Hons ARSM), Chief Geologist of the Company. Mr Kolff is a Member of the Australian Institute of Geoscientists who has in excess of 20 years' experience in mineral exploration and is a Qualified Person under the AIM Rules. Mr Kolff consents to the inclusion of the information in the form and context in which it appears.

This announcement contains inside information for the purposes of Article 7 of the Market Abuse Regulation (EU) 596/2014 as it forms part of UK domestic law by virtue of the European Union (Withdrawal) Act 2018 ("MAR"), and is disclosed in accordance with the Company's obligations under Article 17 of MAR.

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Appendix 1: Newly reported drill intersections at a 0.4% Li_2O cut-off and maximum 4m of internal dilution

Hole_ID	From_m	To_m	Interval_m	Hole depth	assay_Li2O	Intersection	Comment
GRC0307	101	102	1	164	0.44	GRC0307: 1m at 0.45% Li2O from 101m	
GRC0307	107	115	8	164	0.89	GRC0307: 8m at 0.89% Li2O from 107m	
GRC0308	3	15	12	164		no significant intersections	weathered pegmatite
GRC0308	101	103	2	164		no significant intersections	
GRC0308	113	115	2	164		no significant intersections	
GRC0308	117	129	12	164		no significant intersections	
GRC0308	136	143	7	164		no significant intersections	
GRC0309	124	144	20	186		no significant intersections	
GRC0309	163	165	2	186		no significant intersections	
GRC0309	167	171	4	186		no significant intersections	
GRC0310	37	47	10	80		no significant intersections	
GRC0310	48	53	5	80		no significant intersections	
GRC0323	0	104	104	104		no significant intersections	No pegmatite intersected
GRC0324	36	39	3	90	0.72	GRC0324: 3m at 0.73% Li2O from 36m	
GRC0325	66	71	5	130		no significant intersections	
GRC0326	32	34	2	110	0.88	GRC0326: 2m at 0.88% Li2O from 32m	
GRC0327	7	14	7	109	1.22	GRC0327: 7m at 1.23% Li2O from 7m	
GRC0328	36	38	2	92	0.62	GRC0328: 2m at 0.63% Li2O from 36m	
GRC0329	39	43	4	122	0.68	GRC0329: 4m at 0.68% Li2O from 39m	
GRC0330	43	55	12	100	0.72	GRC0330: 12m at 0.73% Li2O from 43m	
GRC0331	54	56	2	126		no significant intersections	
GRC0331	77	86	9	126		no significant intersections	
GRC0332	29	31	2	120		no significant intersections	weathered pegmatite
GRC0332	45	46	1	121		no significant intersections	weathered pegmatite
GRC0333	28	36	8	208	1.00	GRC0333: 8m at 1% Li2O from 28m	
GRC0333	127	128	1	208	0.72	GRC0333: 1m at 0.72% Li2O from 127m	
GRC0333	144	149	5	208	0.52	GRC0333: 5m at 0.53% Li2O from 144m	
GRC0333	178	179	1	208	0.61	GRC0333: 1m at 0.62% Li2O from 178m	
GRC0334	72	79	7	254	1.46	GRC0334: 7m at 1.47% Li2O from 72m	
GRC0335	109	113	4	200		no significant intersections	
GRC0335	114	119	5	200		no significant intersections	
GRC0335	121	123	2	200		no significant intersections	
GRC0336	0	104	104	104		no significant intersections	No pegmatite intersected
GRC0337	45	46	1	170		no significant intersections	weathered pegmatite
GRC0337	95	98	3	170		no significant intersections	
GRC0337	99	100	1	170		no significant intersections	
GRC0338	43	45	2	150		no significant intersections	
GRC0338	47	55	8	150		no significant intersections	
GRC0339	9	11	2	104		no significant intersections	weathered pegmatite
GRC0339	57	63	6	104		no significant intersections	
GRC0339	74	75	1	104		no significant intersections	
GRC0339	76	77	1	104		no significant intersections	
GRC0339	81	83	2	104		no significant intersections	
GRC0340	79	80	1	140		no significant intersections	
GRC0341	53	55	2	130	1.08	GRC0341: 2m at 1.09% Li2O from 53m	
GRC0341	90	92	2	130	2.50	GRC0341: 2m at 2.51% Li2O from 90m	
GRC0342	119	121	2	180		no significant intersections	
GRC0342	131	133	2	180		no significant intersections	
GRC0343	52	54	2	120	0.61	GRC0343: 2m at 0.62% Li2O from 52m	
GRC0344	57	62	5	100	1.11	GRC0344: 5m at 1.11% Li2O from 57m	
GRC0344	68	69	1	100	0.52	GRC0344: 1m at 0.53% Li2O from 68m	
GRC0345	84	92	8	140	1.18	GRC0345: 8m at 1.19% Li2O from 84m	
GRC0346	29	32	3	98		no significant intersections	weathered pegmatite
GRC0347	7	16	9	100		no significant intersections	weathered pegmatite
GRC0347	64	65	1	100		no significant intersections	
GRC0348	52	53	1	131	0.42	GRC0348: 1m at 0.43% Li2O from 52m	weathered pegmatite
GRC0348	62	63	1	131	0.42	GRC0348: 1m at 0.42% Li2O from 62m	weathered pegmatite
GRC0348	67	68	1	131	0.51	GRC0348: 1m at 0.51% Li2O from 67m	weathered pegmatite
GRC0348	81	111	30	131	1.29	GRC0348: 30m at 1.3% Li2O from 81m	

Cont.....

Hole_ID	From_m	To_m	Interval_m	Hole depth	assay_Li2O	Intersection	Comment
GRC0349	77	91	14	182	0.87	GRC0349: 14m at 0.88% Li2O from 77m	
GRC0349	134	136	2	182	1.22	GRC0349: 2m at 1.22% Li2O from 134m	
GRC0350	70	71	1	163	1.18	GRC0350: 1m at 1.19% Li2O from 70m	
GRC0350	123	129	6	163	1.62	GRC0350: 6m at 1.63% Li2O from 123m	
GRC0351	109	139	30	163	1.52	GRC0351: 30m at 1.53% Li2O from 109m	
GRC0352	69	70	1	200	0.84	GRC0352: 1m at 0.85% Li2O from 69m	
GRC0353	2	8	6	145		no significant intersections	weathered pegmatite
GRC0353	122	125	3	145		no significant intersections	
GRC0354	4	11	7	103		no significant intersections	weathered pegmatite
GRC0354	14	15	1	103		no significant intersections	weathered pegmatite
GRC0354	28	31	3	103		no significant intersections	weathered pegmatite
GRC0355	100	102	2	122	0.57	GRC0355: 2m at 0.58% Li2O from 100m	
GRC0356	65	70	5	164	0.94	GRC0356: 5m at 0.94% Li2O from 65m	
GRC0356	83	97	14	164	1.09	GRC0356: 14m at 1.1% Li2O from 83m	
GRC0357	50	59	9	90	0.71	GRC0357: 9m at 0.71% Li2O from 50m	
GRC0358	59	61	2	140	1.09	GRC0358: 2m at 1.09% Li2O from 59m	
GRC0358	72	75	3	140	1.11	GRC0358: 3m at 1.11% Li2O from 72m	
GRC0359	68	89	21	110	0.92	GRC0359: 21m at 0.92% Li2O from 68m	
GRC0360	0	140	140	140		no significant intersections	No pegmatite intersected
GRC0361	47	59	12	100	1.44	GRC0361: 12m at 1.44% Li2O from 47m	
GRC0362	71	100	29	128	1.48	GRC0362: 29m at 1.49% Li2O from 71m	
GRC0363	62	85	23	104	1.41	GRC0363: 23m at 1.41% Li2O from 62m	
GRC0364	126	152	26	176	1.56	GRC0364: 26m at 1.57% Li2O from 126m	
GRC0365	73	96	23	116	1.55	GRC0365: 23m at 1.55% Li2O from 73m	
GRC0366	150	171	21	195	1.35	GRC0366: 21m at 1.36% Li2O from 150m	
GRC0367	53	71	18	160	1.50	GRC0367: 18m at 1.5% Li2O from 53m	
GRC0368	122	171	49	194	1.21	GRC0368: 49m at 1.21% Li2O from 122m	

….End.

Notes to Editors:

About IronRidge
www.ironridgeresources.com.au

IronRidge Resources is an AIM-listed, Africa focused minerals exploration company with a significant lithium pegmatite discovery in Ghana, extensive gold portfolios in Côte d'Ivoire and a potential new gold province discovery in Chad. As announced on 1 June 2021, IronRidge intends to demerge its suite of gold assets into a separate listed entity. As announced on 31 August 2021, Piedmont Lithium to fully fund the Ewoyaa lithium project in Ghana.

Ghana
The Cape Coast Lithium portfolio covers some 684km^2 and includes the newly discovered Ewoyaa Lithium Project with a maiden Mineral Resource estimate of 14.5Mt at 1.31% Li_2O in the inferred and indicated category including 4.5Mt at 1.39% Li_2O in the indicated category (reported in accordance with the JORC Code). The Company entered into earn-in arrangements with Obotan Minerals Limited, Merlink Resources Limited, Barari Developments Limited and Joy Transporters Limited of Ghana, West Africa, securing the first access rights to acquire the historical Egyasimanku Hill spodumene rich lithium deposit, estimated to be in the order of 1.48Mt at 1.67% Li_2O and surrounding tenements. The tenure package is also prospective for tin, tantalum, niobium, caesium and gold, which occur as accessory minerals within the pegmatites and host formations.

Côte d'Ivoire

The Company entered into conditional earn-in arrangements in Côte d'Ivoire, West Africa; securing access rights to highly prospective gold mineralised structures and pegmatite occurrences covering a combined 3,584km^2 and 1,172km^2 area respectively. The projects are well located within access of an extensive bitumen road network and along strike from multi-million-ounce gold projects and mines. The Company's most advanced project is the Zaranou gold project which includes high-grade gold drilling intersections along 8km strike including 6m at 6.44g/t gold from 132m, 6m at 15.11g/t gold from 26m, 4m at 5.16g/t gold from 110m and 22m at 3.39g/t gold from 8m within a broader 47km long gold anomalous structure.

Chad

The Company entered into an agreement with Tekton Minerals Pte Ltd of Singapore concerning its portfolio covering 746km^2 of highly prospective gold and other mineral projects in Chad, Central Africa. IronRidge acquired 100% of Tekton including its projects and team to advance the Dorothe, Echbara, Am Ouchar, Nabagay and Kalaka licenses, which host multiple, large scale gold projects. Trenching results at Dorothe, including 84m at 1.66g/t Au (including 6m at 5.49g/t & 8m at 6.23g/t), 4m at 18.77g/t Au (including 2m at 36.2g/t), 32m at 2.02g/t Au (including 18m at 3.22g/t), 24m at 2.53g/t Au (including 6m at 4.1g/t (including 2m at 6.2g/t) and 2m at 6.14g/t), 14.12g/t Au over 4m, 34.1g/t over 2m and 63.2g/t over 1m, have defined significant gold mineralised quartz veining zones over a 3km by 1km area including the steep dipping 'Main Vein' and shallow dipping 'Sheeted Vein' zones.

Corporate

IronRidge made its AIM debut in February 2015, successfully securing strategic alliances with three international companies; Assore Limited of South Africa, Sumitomo Corporation of Japan and DGR Global Limited of Australia. Assore is a high-grade iron, chrome and manganese mining specialist. Sumitomo Corporation is a global resources, mining marketing and trading conglomerate. DGR Global is a project generation and exploration specialist.