

ASX ANNOUNCEMENT

4 April 2023

Roe Hills Project, Eastern Goldfields WA

# Infill soil sampling confirms compelling 2.8km lithium anomaly

Geochem also identifies 2.3km gold anomaly nearby; Planning for multiple RC drilling programs to test lithium and gold underway

## Highlights

- Latest infill and extensional deep soil sample results confirm the Black Cat prospect at Roe Hills is a highly promising 2.8km-long lithium anomaly
- Black Cat is considered to be a high-priority drill target for spodumene pegmatites
- Soil sampling also reveals adjacent coherent gold anomaly over 2.3km with values up to 187 ppb Au
- Planning for RC drill program underway; Heritage Protection Agreements with claimant groups at an advanced stage
- Initial 3,000m and 1,500m RC drilling programs will test lithium anomalies (Black Cat and Crystal Palace) and gold targets respectively

Kairos Managing Director, Dr Peter Turner said: **“These outstanding results show that Black Cat is an extremely large and highly compelling lithium anomaly.**

**“Importantly, these new and deeper soils sample results corroborate the surface soil data and help to refine the anomalies for drilling, with an initial 3,000m planned for Black Cat and the nearby Crystal Palace lithium anomalies.**

**“Roe Hills continues to be an area of significant M&A activity after Global Lithium’s (ASX:GL1) acquisition of the Manna Li-Ta deposit<sup>1</sup> and the takeover offer for Breaker Resources (ASX:BRB) by Ramelius Resources Limited<sup>2</sup> (ASX:RMS) for the Bombora Gold Project some 20km north of Black Cat.**

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<sup>1</sup> See GL1 press announcements dated 23 December 2021 and 25 October 2022

<sup>2</sup> See BRB press announcement dated 20 March 2023

**“We continue our strategy to look for additional lithium, gold and base metal targets over the Roe Hills tenement package by extending the deep soil geochemical surveys to the south with immediate effect”.**

Kairos Minerals Ltd (ASX: KAI “Kairos” or “the Company”) is pleased to report the assay results of a further 1241 additional soil samples from a deep soil sampling program at its 100%-owned Roe Hills Project (572 results from the same programme were announced on 25 January 2023<sup>3</sup>).

Roe Hills is 100km east of Kalgoorlie, WA and is located within a new spodumene-bearing pegmatite province hosting the Manna Li-Ta project (**Figures 1, 4 & 5**).

The program has confirmed multiple lithium and pathfinder element anomalies with a standout 2.8km long coherent and coincident Li-Cs-Be-Rb-Sn anomaly being defined at the Black Cat prospect proximal to the Cardunia Syenogranite (**Figure 2, Table 1**). The Cardunia Syenogranite has multiple spodumene bearing pegmatite occurrences around its periphery including the Manna lithium deposit (ASX:GL1 32.7 Mt @ 1.0% Li<sub>2</sub>O), and is interpreted to be the main source for spodumene-bearing pegmatites in the district.

The 2.8km lithium anomaly at Black Cat trends northeast on a similar orientation to the northeast striking Manna deposit, and on a similar orientation to mapped pegmatite occurrences located 2km off-lease to the northeast at the Pecan prospect (ASX:ALY). This adds confidence that the lithium anomaly is related to an underlying geological feature interpreted to be a Li-bearing pegmatite occurrence.

In addition to the lithium anomalism, a 2,300m long zone of Au anomalies with values up to 187ppb Au has been confirmed and extended at Black Cat, on the western margin of the Cardunia Syenogranite (**Figure 3**). This anomaly was originally defined by previous soil geochemistry and was partially drill-tested by RC drilling in 2021 with results of 16m @ 0.48g/t Au from 46m including 4m @ 1.63g/t Au from 48m. This anomaly has now been extended to the northwest, with the central portion of the anomalous zone truncated by transported overburden which appears to have masked the geochemical response in an otherwise fairly continuous anomaly.

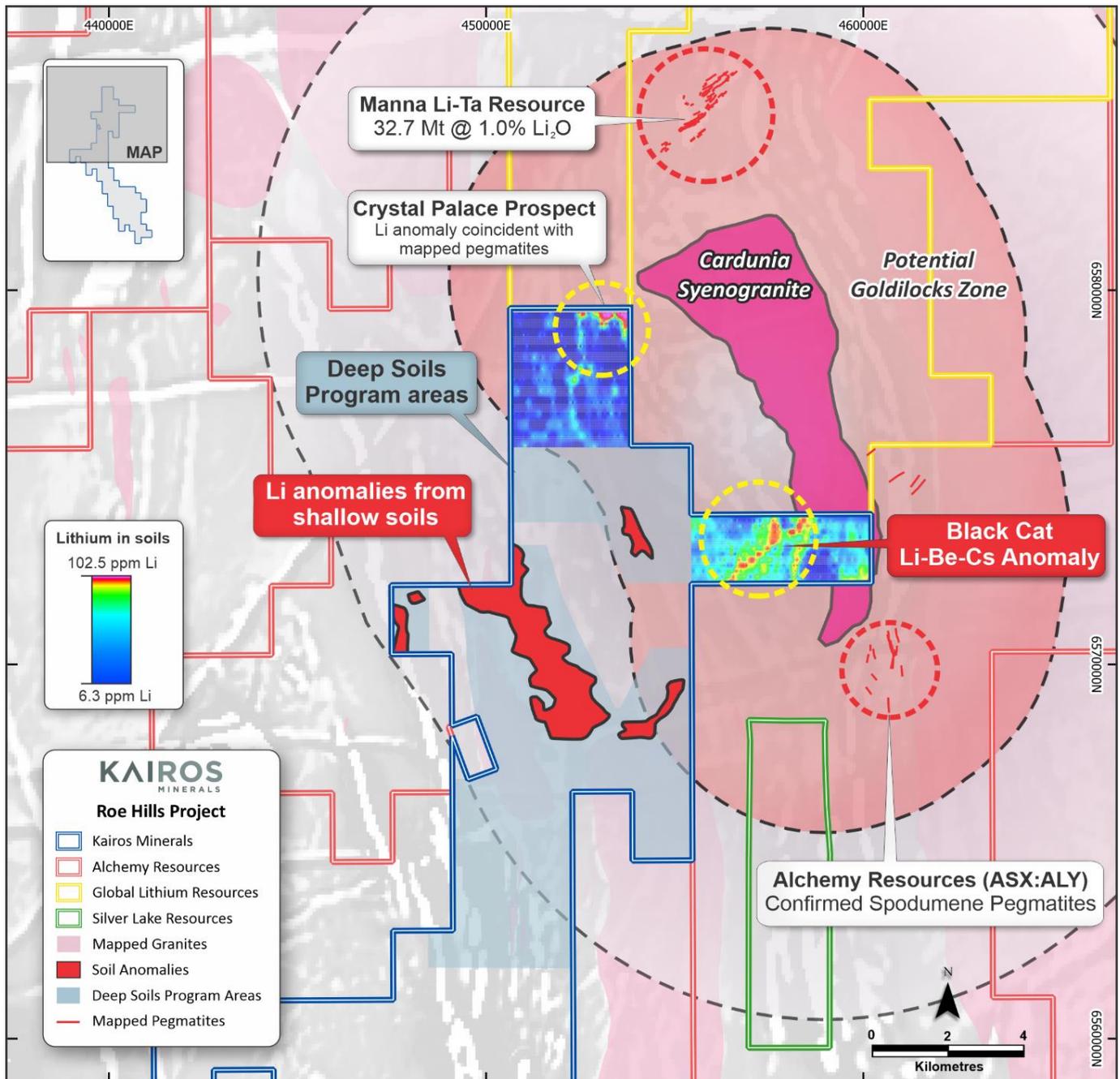
Deep soil samples were collected on a 300m x 50m to 100m x 50m spacing using a Kanga post-hole configuration with samples collected from a nominal 1m depth in order to collect a quality geochemical sample and to minimise the effect of transported surficial material. Samples were sieved to -80 mesh and sent to Intertek for 4-acid digest and low-level multi-element and gold analysis. The program was designed to provide higher quality geochemical samples by infilling previous shallow soil samples collected over the Roe Hills North area (see KAI ASX announcement 09 November 2022 entitled ‘Additional significant lithium targets identified at Roe Hills Project, Eastern Goldfields, WA’). All significant results for gold, lithium, copper, lead, zinc, nickel and pathfinders can be found in **Table 1**.

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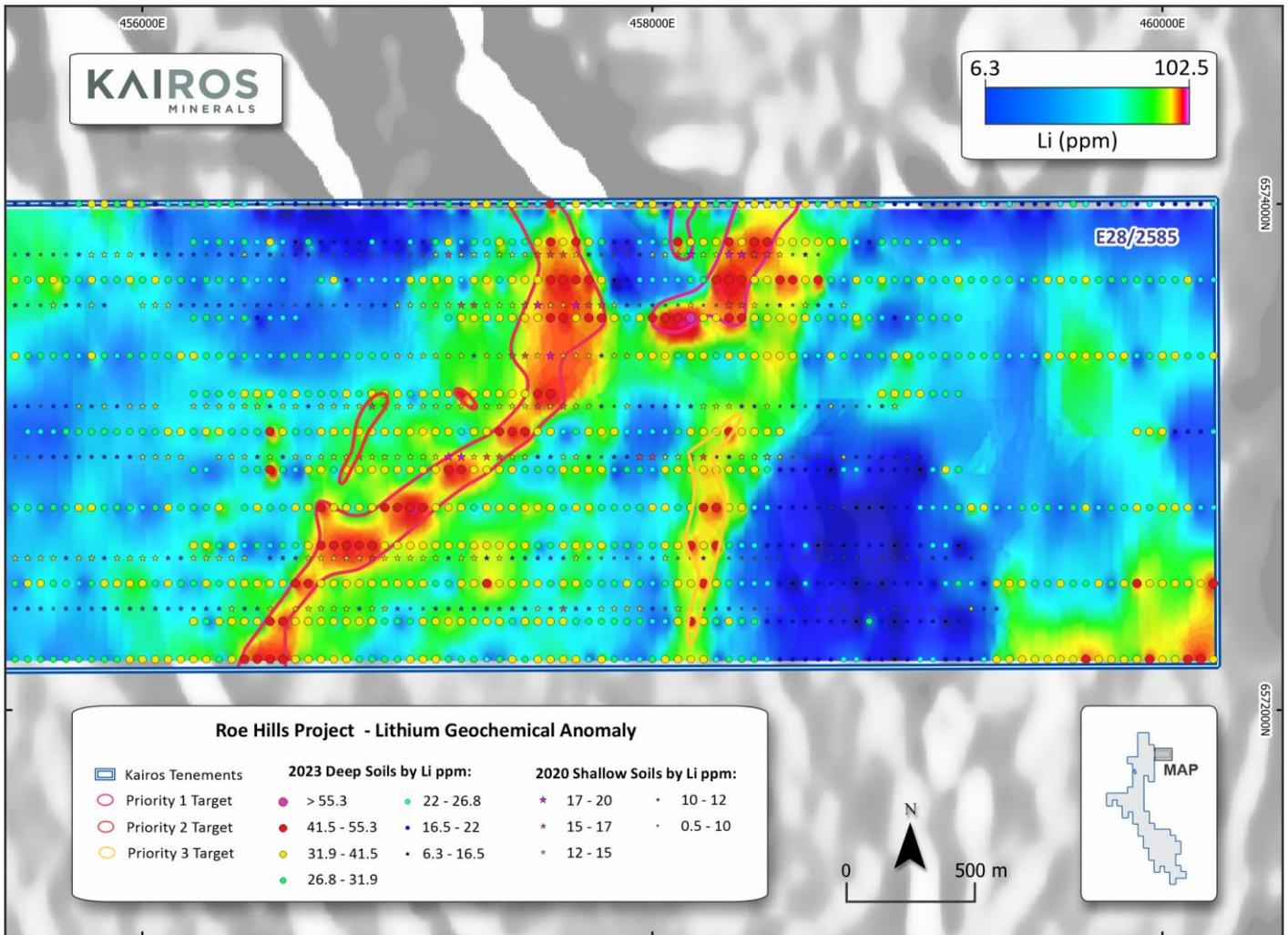
<sup>3</sup> See KAI press announcement dated 25 January 2023 entitled ‘Highly promising lithium anomaly with mapped pegmatites’

A total of 1,813 infill deep soil samples have now been collected from the Roe Hills North area. An additional 1,400 samples are planned to continue the program to the south of the existing sampled areas and are expected to be completed during April. The program is designed to target around several granitic intrusions that may contain additional lithium occurrences (**Figure 1**), as well as gold and base metal occurrences that the Roe Hills area is known to be prospective for (**Figure 4**).

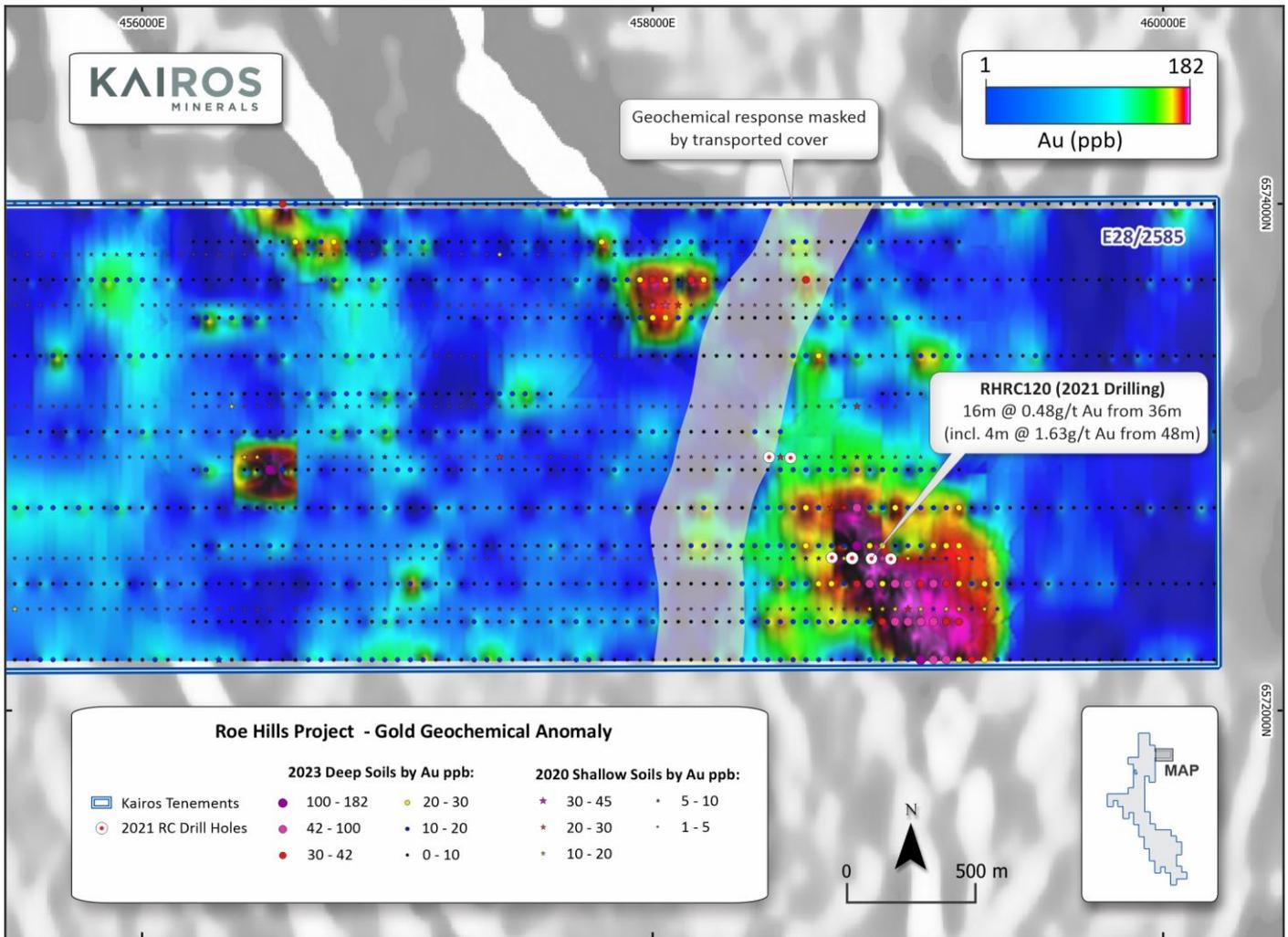
Planning is underway for future RC drill programs at both Black Cat and Crystal Palace prospects which will commence once final heritage approvals have been granted.



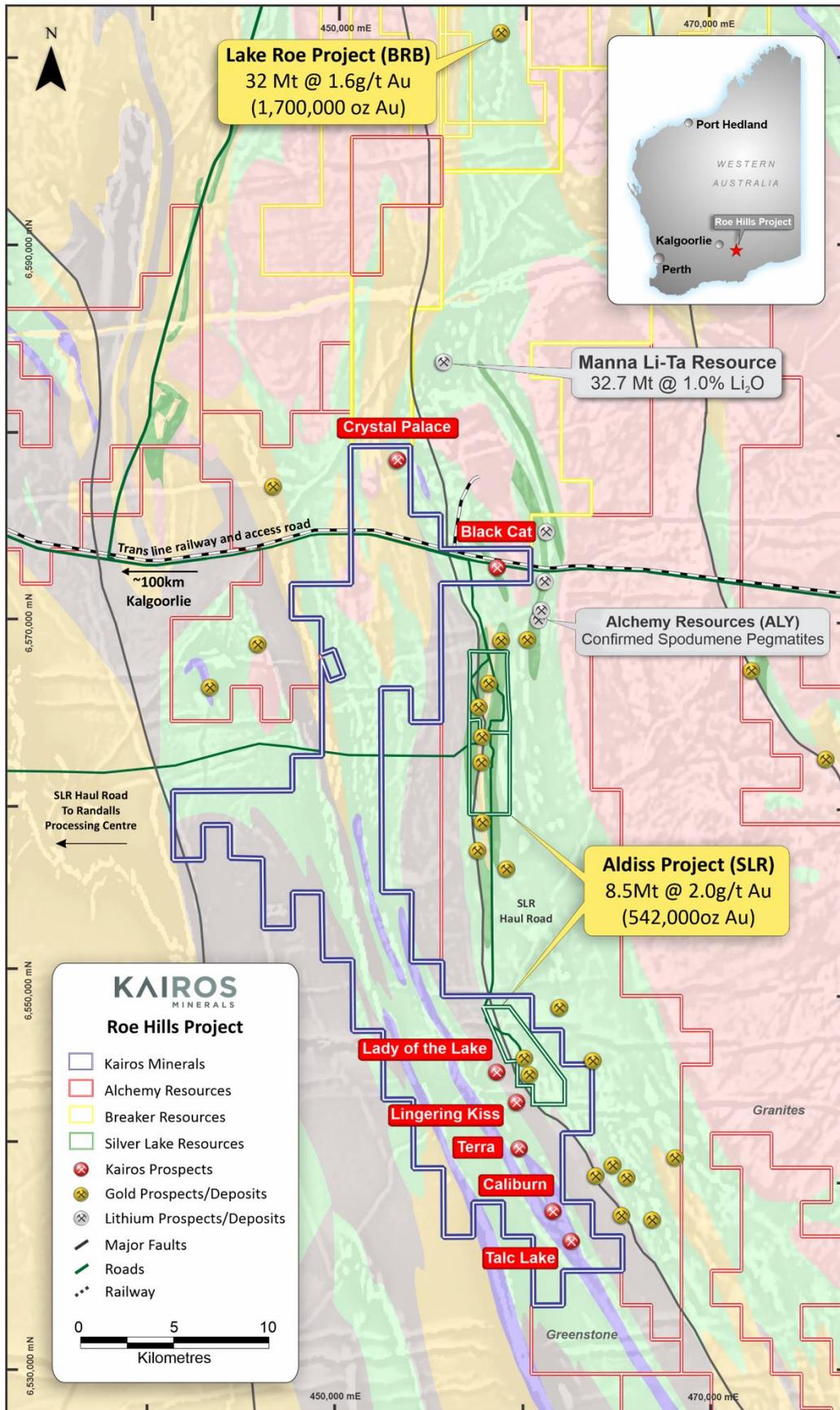
**Figure 1.** Kairos lithium anomalies at the northern half of the Roe Hills project showing the position of Manna Li-Ta deposit and Alchemy Resources' Cherry-Hickory-Pecan pegmatites. The planned deep soil sampling areas are shown in grey.



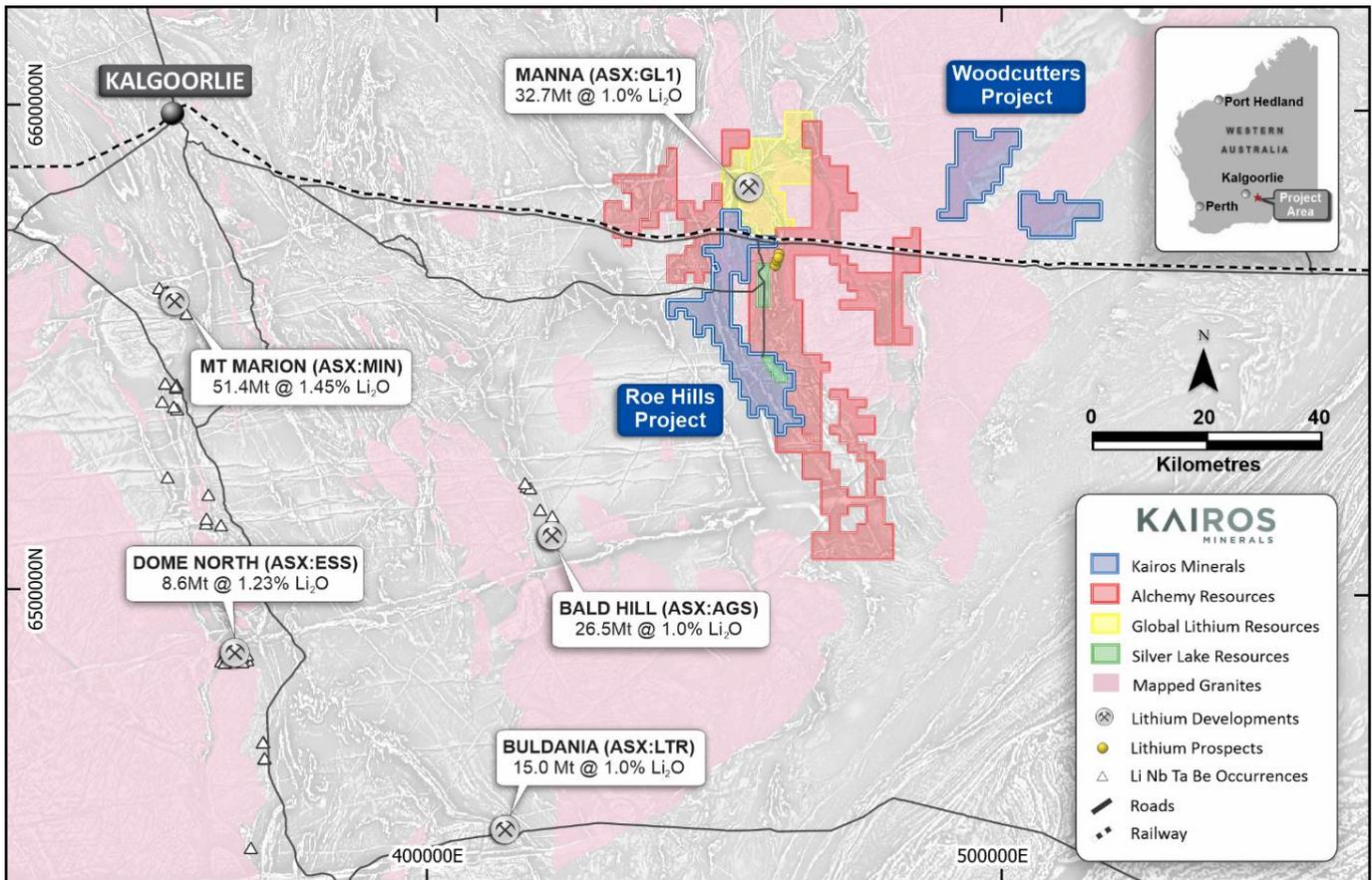
**Figure 2.** Deep soil lithium geochemical results displayed as points and gridded data at the Black Cat prospect over a black & white magnetic image.



**Figure 3.** Deep soil gold geochemistry results displayed as points and gridded data at the Black Cat prospect over a black & white magnetic image.



**Figure 4.** Kairo's tenements in relation to neighbouring companies over the Roe Hills area overlain on a magnetic image highlighting interpreted granites. Lithium mines and advanced projects with resources are shown with quoted resources.



**Figure 5.** Kairo's lithium & gold prospects over the Roe Hills area overlain on a simplified geological-magnetic image highlighting interpreted granites. Lithium and gold mines/advanced projects with resources are shown.

SampleID	Easting	Northing	Depth	Au	Li	Cs	Ta	Be	Sn	Cu	Pb	Zn	Ni	Co
	MGA94E	MGA94N	m	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RHA10027	451950	6579400	0.5	5	9.5	1.64	0.57	1	1.6	129.1	5.5	136	45.9	12.6
RHA10037	452450	6579400	1	8	54.1	7.34	0.77	2.5	2.1	83	14.2	92	141.5	31.6
RHA10039	452550	6579400	1	7	55.3	7.98	0.7	2.83	2	79.2	12.7	77	150.9	34.2
RHA10040	452600	6579400	1	19	54.4	7.78	1.01	2.74	2	85.3	12.8	79	149.4	33.3
RHA10041	452650	6579400	1	10	39.1	5.43	0.59	2.22	1.7	72.1	10.7	65	109.6	27.7
RHA10048	453000	6579400	0.6	6	45.5	4.97	0.42	1.64	1.1	58.9	4.5	45	162.9	30.9
RHA10049	453050	6579400	0.2	9	43.8	8.41	0.43	2.05	1.4	83	7.2	79	84.9	24.3
RHA10050	453100	6579400	0.2	5	67.4	6.38	0.7	3.33	1.9	81.2	11.3	97	99.8	44.2
RHA10051	453150	6579400	0.4	13	52.8	6.25	0.34	3.21	1.4	144.8	7	55	94.5	69.6
RHA10052	453200	6579400	1	3	90.9	9.76	0.24	1.08	0.6	30.2	4.5	39	23.9	12.7
RHA10053	453250	6579400	0.4	3	56.7	3.04	0.79	2.16	1.4	43	8	59	46	35
RHA10054	453300	6579400	0.5	73	102.5	2.56	0.34	11.44	2.3	299.5	9.5	40	197.7	31.2
RHA10055	453350	6579400	1	19	38.1	1.94	0.51	1.41	0.7	142	4.9	52	611.5	71
RHA10056	453400	6579400	1	23	23.2	5.12	0.5	1.68	1.1	68	5.7	51	196.4	27.4
RHA10057	453450	6579400	1	18	44.1	15.49	0.39	4.08	1.9	76.7	6	52	175.2	25.9
RHA10058	453500	6579400	0.4	7	72.3	2.94	0.54	1.5	1.3	94.5	5.9	94	111.9	48.7
RHA10059	453550	6579400	1	16	42.2	4.74	0.68	2.44	1.7	112.3	10.8	68	99.4	35.6
RHA10060	453600	6579400	1	12	81.4	17.77	0.55	4.68	2	119	12.1	66	117.3	33
RHA10061	453650	6579400	1	9	52	4.21	1.66	4.31	1.9	103.5	10.7	63	96.1	32.9
RHA10062	453700	6579400	1	11	70.8	4.45	2.58	5.19	2	124.3	15.5	62	116.1	39.5

SampleID	Easting	Northing	Depth	Au	Li	Cs	Ta	Be	Sn	Cu	Pb	Zn	Ni	Co
	MGA94E	MGA94N	m	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RHA10063	453750	6579400	1	9	92.1	7.51	1.07	6.87	2.2	182.4	12.2	51	132.3	42.3
RHA10064	453800	6579400	1	8	49.6	3.07	0.69	3.34	1.7	163.3	8.9	50	120.9	38.9
RHA10083	451550	6579100	1	9	24.6	3.04	1.74	1.09	1.7	35.2	5.9	73	42.5	17.3
RHA10086	451700	6579100	0.5	8	25.9	2.49	2.26	1.06	1.2	48.9	7.9	56	59.4	17.6
RHA10094	452100	6579100	0.5	9	13.2	1.97	1.72	0.92	1.5	41.6	7.1	54	47.8	10.9
RHA10099	452350	6579100	1	4	13.4	3.18	0.38	0.68	1.2	52.8	5.2	61	166.3	24.8
RHA10101	452450	6579100	1	8	41.4	5.26	0.62	2.04	1.9	65.1	11.7	81	116.8	27.7
RHA10111	452950	6579100	1	7	19.2	9.66	0.35	0.77	0.8	39.3	4.6	53	78.8	16.4
RHA10113	453050	6579100	1	7	54.2	4.52	0.29	0.91	1	59.6	4.8	60	58.7	25.1
RHA10116	453200	6579100	1	4	59.3	6.54	0.27	2.33	1.6	64.8	4.9	56	56.9	24
RHA10121	453450	6579100	1	18	19.6	2.92	0.47	0.87	1	123.4	8.3	67	51.9	30.8
RHA10122	453500	6579100	1	143	15.1	3.93	0.56	0.76	0.9	69.8	7	57	50	26.7
RHA10123	453550	6579100	1	5	38.9	4.02	2.02	0.68	0.8	156.4	9	45	94.7	36.5
RHA10124	453600	6579100	1	3	32	13.2	0.91	1.26	1.8	68.4	11.6	92	270	48.8
RHA10125	453650	6579100	1	10	45	30.57	0.61	1.44	1.7	106.3	10.7	118	167.3	48.8
RHA10126	453700	6579100	1	13	46.3	4.68	0.79	2.59	1.8	89	13.2	66	99.6	28.3
RHA10127	453750	6579100	1	9	56.5	6.32	1.18	3.68	2.3	130.4	15.8	79	120.6	37.9
RHA10128	453800	6579100	1	40	39.9	3.49	0.53	6.12	2	203.9	8.9	69	137.1	44.9
RHA10138	451100	6578800	1	7	22.5	2.42	0.37	0.58	0.7	139	3.9	73	127.6	48.7
RHA10140	451200	6578800	1	7	14.4	10.26	0.41	0.63	1.3	81.2	4.6	41	36.1	12.8
RHA10141	451250	6578800	1	6	17.9	10.53	0.57	1.07	1.2	20.1	5	37	40	14.8
RHA10144	451400	6578800	1	11	22.7	2.82	0.6	1.08	2.5	29.8	10.6	38	42.5	16.6
RHA10148	451600	6578800	1	14	18.6	8.19	0.75	0.76	1.4	28.4	5.5	30	28.1	9
RHA10156	452000	6578800	1	6	26.1	2.24	0.92	1.22	3	19.7	7.3	47	33.8	13.6
RHA10164	452400	6578800	1	9	23.7	10.18	0.49	1.08	1.4	41.9	5.4	82	56.9	18
RHA10175	452950	6578800	1	6	27.8	5.14	1.79	1.36	1.4	57.2	9.3	80	96.3	25.4
RHA10177	453050	6578800	1	7	14.7	2.09	0.41	0.63	1.2	70.8	6.5	108	56.2	16
RHA10182	453300	6578800	1	9	24.3	3.8	0.46	1.09	1.3	85	9.1	105	98.8	31.6
RHA10183	453350	6578800	0.5	6	12.8	2.27	0.36	0.52	1	85.3	6.9	170	68.9	30.5
RHA10188	453600	6578800	0.7	19	32.3	3.48	1.87	1.66	1.4	76.2	10.6	69	126.2	38.3
RHA10189	453650	6578800	0.4	5	42.4	3.45	2.35	1.73	1.6	68.7	11.6	64	131.2	35.5
RHA10190	453700	6578800	0.4	6	39.3	3.42	1.46	1.78	1.6	73.4	12	71	137.9	32.6
RHA10193	450650	6578500	1	4	15.3	11.69	0.5	0.7	1	37.4	5.9	53	44.8	12.6
RHA10195	450750	6578500	1	2	24.5	27.61	0.52	0.94	1.2	37.3	6	71	95	23.1
RHA10196	450800	6578500	1	4	16.6	15.37	0.39	0.73	1	61.3	6.4	133	85.7	16.7
RHA10197	450850	6578500	1	7	14.2	12.31	0.4	0.84	1.2	45.8	14.4	60	55.5	12.1
RHA10200	451000	6578500	1	4	12.7	10.18	0.42	0.8	1.1	48.9	6.1	58	69.9	15.9
RHA10206	451300	6578500	0.6	12	11.6	10.47	0.69	0.98	2.9	31.4	7.8	41	19.1	9.2
RHA10208	451400	6578500	1	7	17.5	1.95	0.53	0.86	1.3	58.3	6.7	65	116	38.6
RHA10222	452100	6578500	1	12	26.2	2.38	0.99	1.73	3.7	28.8	9.8	58	50	16.8
RHA10229	452450	6578500	1	8	50	6.76	0.86	2.17	2.5	77.9	17.1	105	135.3	34.8
RHA10243	453150	6578500	1	16	13.8	1.66	0.33	0.9	1	61.3	8.3	73	72	63.6
RHA10250	453500	6578500	1	18	21.2	2.8	0.29	0.58	0.8	106	5.7	130	64.6	34.7
RHA10251	453550	6578500	1	7	19.2	7.42	0.36	0.77	1.1	74.9	10.4	66	57.1	20.5
RHA10254	453700	6578500	1	3	26.3	2.48	0.47	0.89	1.2	131.4	10.1	62	126	37.1
RHA10255	453750	6578500	1	6	24.5	4.46	0.63	0.89	1.2	116.4	19.8	89	125.7	33.3
RHA10261	450850	6578200	1	2	13.2	10.47	0.45	0.73	1.1	35.8	9.6	61	50.3	14
RHA10271	451350	6578200	1	3	23.6	7.64	0.8	1.58	2	14.5	9.3	28	27.7	16.2
RHA10274	451500	6578200	0.9	13	26.6	4.78	0.8	1.97	2.7	16.4	9.1	40	37.6	23.7
RHA10275	451550	6578200	0.6	3	22.4	2.37	0.95	1.93	3.5	16	8.4	30	34.3	21.5
RHA10276	451600	6578200	0.8	4	17.8	2.2	1.03	1.8	2.7	16.3	8.2	30	33.9	17
RHA10277	451650	6578200	1	5	15.6	5.09	1.12	1.31	2.5	12.2	7.4	36	23.7	15.7

SampleID	Easting	Northing	Depth	Au	Li	Cs	Ta	Be	Sn	Cu	Pb	Zn	Ni	Co
	MGA94E	MGA94N	m	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RHA10279	451750	6578200	1	3	20.4	2.34	0.87	1.52	2.6	18.3	11.4	33	39.4	15.7
RHA10280	451800	6578200	1	6	23.8	3.78	0.89	1.76	2.5	21.2	9.7	37	45.6	19.2
RHA10295	452550	6578200	1	8	16.6	2.04	1.46	0.83	0.8	49.1	7.4	39	42	10.2
RHA10296	452600	6578200	1	8	39.5	4.87	1.48	1.79	1.8	70.9	12	84	117.2	30.9
RHA10309	453250	6578200	1	5	13.5	1.46	0.26	0.54	1.5	45.3	6.3	146	112.3	20.1
RHA10316	453600	6578200	1	8	9.7	1.78	0.32	0.36	4.4	220.8	10.7	319	73.1	29.3
RHA10334	451300	6577900	0.6	5	24.7	8.8	0.86	1.82	2.5	26	10.2	62	37.5	14.4
RHA10336	451400	6577900	1	13	15.8	10.26	0.66	1.06	1.9	47	10.2	56	31.4	10.5
RHA10341	451650	6577900	1	4	24	2.68	0.9	1.8	2.8	25	10.3	35	51.9	17.8
RHA10342	451700	6577900	1	9	18.9	2.28	0.98	1.58	3.4	22.2	7.5	40	38.2	19.6
RHA10363	452750	6577900	1	9	47	2.13	0.4	0.6	1.1	37.8	6.1	36	48.7	13.9
RHA10372	453200	6577900	0.3	31	15	1.67	0.35	0.51	0.8	52.3	5.1	29	75.1	10.5
RHA10373	453250	6577900	1	5	10.4	1.77	1.55	0.62	0.8	37.6	8.2	31	53.9	8.6
RHA10375	453350	6577900	1	7	18.1	1.87	0.37	0.87	1.2	60	8.5	101	140.1	30.4
RHA10380	453600	6577900	1	6	17.3	1.59	0.44	0.75	0.8	53.6	6.4	57	95.6	41.9
RHA10384	453800	6577900	1	6	19	1.66	0.42	0.91	1.3	94	8.4	108	102.1	37.9
RHA10393	451050	6577600	1	4	18.6	3.46	0.34	0.61	0.9	38.4	8.2	116	81.4	16.7
RHA10397	451250	6577600	1	4	23.2	2.54	1.03	1.65	2.8	17.6	7.6	48	44.7	21.5
RHA10398	451300	6577600	1	3	21	2.34	2.05	1.77	2.9	13.3	7	30	37.6	16
RHA10399	451350	6577600	1	6	29.1	4.34	0.79	1.83	3.2	19.4	8.4	34	58.5	17.9
RHA10402	451500	6577600	1	3	29.5	7.66	0.71	1.84	2.4	13.2	7.9	31	27.6	16.4
RHA10403	451550	6577600	1	5	20.6	6.05	0.77	2.14	2.1	14.2	9.6	29	33.3	12.5
RHA10404	451600	6577600	1	5	23.7	2.92	0.94	1.75	2.6	20.6	8.5	29	45.1	18.1
RHA10407	451750	6577600	1	5	28.4	2.69	0.89	1.99	3.1	24.4	10.4	36	63.6	23.9
RHA10441	453450	6577600	1	14	18.5	2.56	1.4	0.91	1.2	54.7	8.1	53	69.1	19.1
RHA10456	451000	6577300	1	7	13.2	11.03	0.3	1.08	1	33.4	10.4	45	30	9.6
RHA10459	451150	6577300	1	7	15.6	2.14	0.45	0.56	2.3	255	3.1	34	70.6	30.1
RHA10464	451400	6577300	1	11	24.9	2.96	0.59	2.11	1.9	16.6	9.1	25	43.5	13.5
RHA10467	451550	6577300	1	14	27.3	2.56	0.4	1.11	1.3	103	8.2	64	86.2	45
RHA10472	451800	6577300	1	22	24.6	3.19	0.78	2.01	2.6	19.8	11.9	30	42.4	15.1
RHA10473	451850	6577300	1	19	26.3	2.2	0.66	2.06	3.3	21.9	9.4	38	47.7	23.8
RHA10485	452450	6577300	1	34	12.6	1.5	0.43	0.65	1.3	30.2	7.3	27	38.3	8.8
RHA10486	452500	6577300	1	44	8.1	0.94	0.26	0.42	0.6	24.1	4.1	16	25.8	7.3
RHA10488	452600	6577300	1	25	19.1	2.13	0.48	1	5.1	44.7	9.7	48	65.9	17.2
RHA10504	453400	6577300	1	5	41.5	2.95	2.15	1.63	1.5	48.3	13.2	55	80.3	19.1
RHA10522	451100	6577000	1	2	27.1	6.57	0.58	1.32	1.7	77.3	15.5	101	108.7	27.8
RHA10559	452950	6577000	1	17	27.7	2.56	1.99	1.17	1.1	44.6	9.4	46	58.3	16.6
RHA10575	453750	6577000	1	6	16.9	2.38	0.32	0.78	0.8	62.3	6.9	65	100.5	42.3
RHA10594	451500	6576700	1	4	20.1	3.88	1.75	0.91	1.5	46	10.7	65	75.5	16.7
RHA10598	451700	6576700	1	3	22.5	3.02	2.79	1.03	1.2	26.6	8.4	45	59.4	10.5
RHA10626	453100	6576700	1	33	13.7	1.13	0.24	0.5	0.6	34.9	5.1	25	32.2	10.2
RHA10708	450800	6576100	1	3	17.4	5.61	0.37	0.91	1	36.9	10	76	165.3	24.4
RHA10709	450850	6576100	1	4	18	7.85	0.28	0.66	0.9	33.3	7.7	60	207.6	25
RHA10714	451100	6576100	1	4	20.5	5.11	0.56	0.99	1.3	38.2	12	65	155.1	18.4
RHA10768	453800	6576100	1	12	26.9	2.51	0.48	0.8	2.9	56.2	8.4	48	59.2	14.8
RHA10770	450750	6575800	1	8	20	9.24	0.19	0.41	0.6	37.1	3.7	52	180.9	26.8
RHA10771	450800	6575800	1	7	18.1	2.33	0.19	0.39	1.2	66.8	3.9	53	177	24.7
RHA10772	450850	6575800	0.9	6	24.6	1.9	0.19	0.43	0.6	34.3	4	72	289.7	43.2
RHA10774	450950	6575800	1	3	24.7	13.52	0.3	0.59	0.9	28.4	5.2	49	274.7	47.4
RHA10775	451000	6575800	1	6	26.7	4.87	0.47	0.73	1.6	134.1	8	81	109.2	33.5
RHA10776	451050	6575800	1	6	49.4	7.94	0.28	0.55	1.2	62.4	4.4	80	145	39.7
RHA10782	451350	6575800	1	5	17.7	8.57	0.38	0.93	1.4	72.3	11.1	50	56.6	10.2

SampleID	Easting	Northing	Depth	Au	Li	Cs	Ta	Be	Sn	Cu	Pb	Zn	Ni	Co
	MGA94E	MGA94N	m	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RHA10785	451500	6575800	1	6	22.8	4.02	1.54	1.01	1.6	59.7	10.5	58	87.5	16.1
RHA10801	452300	6575800	1	12	16.8	1.8	1.82	0.69	1	31.7	8.7	36	46.6	9.4
RHA10811	452800	6575800	0.2	2	27.7	4.86	2.13	1.26	1.6	53	13.2	77	96.6	23.9
RHA10827	453600	6575800	1	4	24.8	2.66	1.64	0.99	1.4	52.8	13.3	70	81.5	20.7
RHA10845	454500	6575800	1	4	21.7	2.4	0.47	0.83	1.3	81.7	10.3	117	129.9	33.5
RHA10847	454600	6575800	1	10	19.9	2.57	0.42	0.74	1.1	108.1	10	96	426.9	64.4
RHA10848	454650	6575800	1	9	11.9	0.96	0.25	0.36	0.6	98.2	7.1	37	185.4	34.6
RHA10849	454700	6575800	1	6	17.7	1.65	0.39	0.69	1	117.2	9.8	78	438.3	70.1
RHA10850	454750	6575800	0.3	4	17.1	1.83	0.45	0.72	1	94.9	10.9	84	169.3	33.4
RHA10851	454800	6575800	0.3	9	21.4	2.31	0.73	0.82	1.3	115.6	13.2	72	132.2	33.2
RHA10854	454950	6575800	0.3	56	18.3	2.99	0.46	0.73	1.2	87.7	9.4	68	111.7	30.9
RHA11452	455950	6574000	0.2	7	34.9	3.9	0.61	1.69	5.6	81.2	37.2	165	104.2	25.7
RHA11464	456550	6574000	1	40	11.6	0.85	0.12	0.53	0.5	44.3	4.1	37	31	10.1
RHA11474	457050	6574000	1	6	27.1	2.09	0.4	1.01	1	65.5	8.1	61	78	38.3
RHA11477	457200	6574000	1	7	31.1	4.96	0.49	1.4	1.5	95.6	11	132	96.2	23.7
RHA11479	457300	6574000	1	8	34	5.04	0.54	1.52	1.3	89.6	14.7	116	101.7	29.4
RHA11483	457450	6574000	1	8	37.2	4.36	0.53	1.24	1.5	82.8	12.2	101	93.5	23.5
RHA11486	457600	6574000	1	6	43.8	6.6	0.61	2.02	2	116.9	17.3	121	171.2	40.4
RHA11490	457800	6574000	1	11	28.1	3.79	0.5	1.65	1.6	84.8	12.3	72	232.5	42.7
RHA11491	457850	6574000	1	8	26.4	3.57	0.54	1.51	1.5	81.1	11.2	76	189.1	32.3
RHA11493	457950	6574000	1	6	34	4.26	0.47	1.26	3	63.1	10.2	64	72.1	18.6
RHA11494	458000	6574000	1	6	40.4	8.29	0.37	0.73	1	38.4	6.2	44	60.1	12.5
RHA11498	458200	6574000	1	5	37.7	10.46	0.44	0.95	1	35.7	4.2	49	81.2	21.2
RHA11546	456500	6573850	1	9	32.2	2.62	1.53	1.19	1.1	64.9	11.6	62	71.1	18.6
RHA11549	456650	6573850	1	8	29.7	3.44	0.65	1.28	1.6	71.3	15.2	102	92.9	26.1
RHA11561	457200	6573850	1	7	33	5.33	0.52	1.35	1.4	96.4	12.2	124	94.4	24.5
RHA11568	457550	6573850	1	6	40.8	5.37	0.74	1.72	1.7	94.9	18.6	103	127.2	31.2
RHA11569	457600	6573850	1	8	43	5.74	0.58	1.7	1.7	116.5	15.6	107	135.3	33.6
RHA11573	457800	6573850	1	22	26.9	2.89	0.6	1.14	1.3	78	13.9	59	154.5	24.2
RHA11575	457900	6573850	1	6	17.1	1.25	0.25	0.95	0.6	81.4	6.9	46	299.8	62.6
RHA11576	457950	6573850	1	7	24.4	2.14	0.37	1.35	1	78.6	9.2	80	504.7	80.3
RHA11577	458000	6573850	1	7	24.6	6.1	0.8	2.71	1.5	65.1	20.5	77	235.4	40.3
RHA11578	458050	6573850	1	10	30.1	4.34	0.47	1.08	1.4	123	9.9	77	131.4	27.6
RHA11579	458100	6573850	1	11	42.2	4.71	3.12	1.19	1.3	49	7.7	50	74.1	17.6
RHA11635	458400	6573850	1	8	47.6	4.69	0.64	1.48	1.8	66.4	18.7	75	87	22.4
RHA11641	458650	6573850	1	4	38	4.85	0.71	1.87	2	71.7	23.6	79	88.7	26.2
RHA11699	455450	6573700	1	6	36.4	4.18	0.63	1.93	1.8	71.5	25.4	81	99	25.7
RHA11702	455600	6573700	1	6	35.8	4.14	0.64	1.79	1.7	80.3	23	80	99.4	26
RHA11703	455650	6573700	1	7	39.7	4.62	0.57	1.89	1.8	87.2	23.6	86	106.9	25.5
RHA11705	455750	6573700	1	10	28.6	3.33	0.48	1.43	1.6	71.5	25.8	63	81.6	19.9
RHA11709	455950	6573700	1	12	34	3.69	0.53	1.6	1.7	84.4	22.9	96	91.1	22.4
RHA11715	456250	6573700	1	5	30.2	3.72	0.57	1.37	4.4	73.7	19.9	78	92.7	20.8
RHA11732	457050	6573700	1	6	35.1	4.87	0.6	1.47	1.7	78.2	14.5	115	103.8	25.5
RHA11733	457100	6573700	1	6	33.9	5.05	0.58	1.42	1.5	83.7	13.7	115	99.5	24.8
RHA11734	457150	6573700	1	9	37.1	4.64	0.67	1.36	2.1	78	12.5	103	91.4	22.2
RHA11735	457200	6573700	1	8	35	4.51	0.66	1.43	1.5	92	13.2	108	93.3	23.4
RHA11744	457650	6573700	1	8	47.9	5.67	0.73	1.58	1.7	113	16.3	93	131.1	35.5
RHA11747	457800	6573700	1	5	37.9	5.57	0.58	1.38	1.5	87.8	16	105	149	26.1
RHA11750	457950	6573700	1	28	22.2	1.49	0.31	1.06	0.7	171.9	8.3	48	295.5	35.3
RHA11751	458000	6573700	1	32	23.8	1.73	0.35	0.97	0.8	133.6	9.3	65	589.5	97.9
RHA11752	458050	6573700	1	30	26.3	1.94	0.42	1.09	1	133.8	10.2	67	553.3	84.9
RHA11753	458100	6573700	1	4	24.5	1.72	0.34	0.82	0.8	128.3	9.1	58	474.1	66.6

SampleID	Easting	Northing	Depth	Au	Li	Cs	Ta	Be	Sn	Cu	Pb	Zn	Ni	Co
	MGA94E	MGA94N	m	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RHA11754	458150	6573700	1	34	29.3	2.33	0.43	0.89	1	122.5	10.5	73	456.8	83.9
RHA11755	458200	6573700	1	25	30.8	2.52	0.52	1	1	77.6	12.1	59	209.3	43.9
RHA11756	458250	6573700	1	7	50.9	4.69	0.62	1.59	1.7	69.8	19.7	71	106.7	25.2
RHA11757	458300	6573700	1	7	49.6	4.52	1.11	1.61	1.8	68.9	21.8	70	96.9	26.5
RHA11762	458500	6573700	1	6	43.5	4.16	0.67	1.65	1.8	64.5	22.9	69	88.3	23.8
RHA11763	458550	6573700	1	4	42.7	4.62	0.82	1.91	1.9	63.1	25.1	76	91.9	27.7
RHA11764	458600	6573700	1	33	37.1	4.48	0.68	1.74	1.8	58.8	23.2	69	84.1	28.1
RHA11765	458650	6573700	1	2	43.8	5.09	0.79	1.93	2	68.2	25.9	78	97.2	31.6
RHA11780	459400	6573700	1	8	31.7	3.11	3.17	1.39	1.4	62.9	15.6	55	73	25.2
RHA11801	456350	6573550	1	13	26.6	2.98	0.62	1.13	1.5	181.8	13.5	66	78.7	18.3
RHA11833	457950	6573550	1	15	34.8	3.5	3.46	1.28	1.4	85	13.2	64	136.8	21.3
RHA11834	458000	6573550	1	29	42.3	4.12	1.37	1.48	1.8	108.3	16.1	75	228.4	38.1
RHA11835	458050	6573550	1	23	47.7	5.11	1.07	1.75	1.8	112.3	18.3	81	271.5	50.3
RHA11890	458100	6573550	1	18	51.2	5.41	0.79	1.7	1.9	107.3	17.9	81	223.7	40.5
RHA11891	458150	6573550	1	11	55.7	5.41	0.84	1.91	2	93.5	22.3	81	169	33.3
RHA11899	458550	6573550	1	10	41.5	5.03	0.72	1.8	1.9	66.3	30.3	73	93.8	29.8
RHA11957	455500	6573400	1	7	33.5	4	0.75	1.69	1.8	76.2	23.7	82	99.4	27.1
RHA12018	458450	6573400	1	4	40.6	4.86	0.75	1.85	1.9	68.6	24.2	81	100.2	28.6
RHA12019	458500	6573400	1	4	39.9	4.88	0.72	1.8	2	64.1	25.6	77	93.2	27.5
RHA12020	458550	6573400	1	15	38	4.27	2.03	1.58	1.8	65.9	22.3	68	91.8	25.8
RHA12082	457500	6573250	1	14	38.4	4.99	0.59	1.61	1.7	232.5	15.5	84	110.5	27.1
RHA12084	457600	6573250	1	10	47	5.65	0.68	1.94	2	116.3	19.1	95	131.6	31.9
RHA12242	456750	6573100	1	13	34.8	3.87	0.71	1.48	1.8	201.6	17	74	93.9	20.2
RHA12271	458200	6573100	1	7	37.9	4.24	1.78	1.72	1.9	66.6	21	74	88.2	21.3
RHA12273	458300	6573100	1	5	44	5.09	0.81	2.03	2.3	72.1	25.6	81	104.6	28.4
RHA12308	460000	6573100	1	3	37.5	4.81	0.59	1.52	1.8	96.8	17.7	101	109.3	35.1
RHA12319	456500	6572950	1	156	47.5	10.2	1.08	2.56	5	5613.4	37	151	19.2	8.2
RHA12321	456550	6572950	1	13	27.5	2.99	0.5	1.21	1.4	195.1	15.4	51	70.8	15.6
RHA12334	457200	6572950	1	6	48	5.54	0.73	1.88	2.2	95.9	20.2	88	126	28.1
RHA12354	458200	6572950	1	5	41.1	5.02	1.5	1.99	2.1	72.2	23.1	80	98.7	26
RHA12355	458250	6572950	1	9	41.1	4.94	0.72	2.02	2.8	78.7	23.5	84	103.7	27.3
RHA12411	459000	6572950	1	8	17.1	2.2	2.26	0.78	1.2	52.7	10.4	61	69.6	14.5
RHA12506	457050	6572800	1	5	54	6.44	1.07	2.32	2.6	100.4	24	103	139.6	33.7
RHA12542	458800	6572800	1	50	15.6	2.68	0.55	0.68	1	79.4	7.7	59	67.4	23.1
RHA12545	458950	6572800	1	30	18.3	2.59	0.45	0.74	1.1	69.5	9.2	70	69.5	19
RHA12568	460050	6572800	1	4	34.4	4.6	0.62	1.47	2	91.6	18.3	100	105.6	33.4
RHA12584	456800	6572650	1	9	49	6.2	0.73	1.92	2.3	102.2	22.3	96	127.8	27.6
RHA12586	456900	6572650	1	9	47.1	5.78	0.74	1.84	2.2	96.1	22.3	86	121.9	27.6
RHA12611	458100	6572650	1	6	37.6	4.21	0.76	1.78	2	68.6	22.8	80	95.7	28.4
RHA12655	458250	6572650	1	7	45.1	5.03	0.74	1.88	2.4	81.3	23.6	92	113.5	28.2
RHA12666	458800	6572650	1	182	17.8	1.35	0.41	0.57	0.8	71.7	6.7	41	55.6	16.4
RHA12668	458900	6572650	1	27	19	4.35	0.39	0.49	1.1	92.7	6.3	148	56.6	16.2
RHA12742	455950	6572500	1	7	36.3	3.73	1.71	1.41	1.8	77.5	19	71	97.3	20
RHA12743	456000	6572500	1	8	35.1	3.41	1.56	1.39	1.6	70.7	17.8	60	86.5	19.2
RHA12755	456600	6572500	1	5	44.1	4.91	0.7	1.64	2	89.5	23	84	118	23.9
RHA12757	456700	6572500	1	8	37.9	4.25	0.64	1.47	1.9	89	37	75	103.3	23.9
RHA12758	456750	6572500	1	9	35.2	3.88	0.55	1.4	1.6	86.7	28.3	68	95.5	22.2
RHA12766	457100	6572500	1	8	33.9	3.53	0.56	1.24	1.6	73.2	24.4	61	85.8	20.4
RHA12779	457750	6572500	1	9	31.5	3.29	0.6	1.28	1.6	61.6	26.6	64	82.8	19.9
RHA12780	457800	6572500	1	8	29.6	3.06	0.6	1.18	1.5	61	35.9	55	76.8	19.3
RHA12786	458100	6572500	1	5	38.8	4.66	0.88	1.67	2.1	70.5	23.4	81	100.4	30.1
RHA12787	458150	6572500	1	5	38.5	4.56	0.8	1.63	2.1	70.3	23.4	84	98	26.8

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	MGA94E	MGA94N	m	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RHA12788	458200	6572500	1	6	43	5.07	0.89	1.78	2.3	77.8	24.6	89	111.9	30.8
RHA12798	458700	6572500	1	24	20.3	1.26	0.51	0.86	2.5	72.4	7.2	60	38.2	30.2
RHA12799	458750	6572500	1	18	18.5	2.03	0.46	0.86	1.2	74.3	8.2	69	61.9	40.5
RHA12801	458800	6572500	1	31	14.6	1.38	0.41	0.67	1.1	74.8	6	91	43.8	26.4
RHA12802	458850	6572500	1	70	19	1.76	0.43	0.78	1	273.1	6.8	68	28.3	20
RHA12804	458950	6572500	1	89	18.5	3.36	0.41	0.65	0.9	114.8	7.6	70	58.8	27.7
RHA12805	459000	6572500	1	51	18.6	3.35	0.45	0.7	1.3	83.1	7.8	169	51.5	18.3
RHA12806	459050	6572500	1	41	20.8	2.82	0.49	0.72	1	79	8	73	48.9	20
RHA12807	459100	6572500	1	48	18.6	2.18	0.42	0.61	1	56.5	6.4	55	42.9	16.1
RHA12808	459150	6572500	1	35	25.3	2.84	0.5	0.86	1.1	60.2	9.7	74	57.4	19.1
RHA12823	459900	6572500	1	4	41.6	4.81	1.61	1.68	1.9	88.2	18	96	106.4	31.4
RHA12825	460000	6572500	1	3	36.6	4.52	1.05	1.61	1.9	87.1	17.6	100	105.5	33.1
RHA12828	460150	6572500	1	4	40.1	4.81	0.75	2.27	2.2	59.7	23.6	76	94.7	22.5
RHA12829	460200	6572500	1	4	44.7	4.7	0.78	2.41	2.3	59.9	24.9	78	96.5	22.8
RHA12863	457800	6572350	1	10	31.8	2.93	0.52	1.29	4.7	63.9	16.1	55	75.4	19.5
RHA12911	458150	6572350	1	8	43.4	4.84	0.88	1.89	2.2	74.3	23.2	82	105	28.8
RHA12927	458900	6572350	1	31	17.9	1.84	0.5	0.59	1.4	79.7	6.3	59	44.5	20.2
RHA12928	458950	6572350	0.4	52	14.8	1.48	0.38	0.72	0.8	50.8	6.6	63	39.7	22.1
RHA12929	459000	6572350	0.3	71	19.3	2.9	0.48	0.74	1	75.6	8.3	66	52.7	21.5
RHA12930	459050	6572350	0.5	44	19.4	2.71	0.41	0.79	1	91.3	8.3	71	63.7	26.4
RHA12931	459100	6572350	1	44	21.9	2.96	0.44	0.74	1.1	65.9	8.3	68	52.7	28.9
RHA12932	459150	6572350	1	34	16.1	2.07	0.32	0.57	0.7	48.6	6.1	47	38.9	14.2
RHA12933	459200	6572350	1	38	16.8	2.07	0.3	0.58	0.7	44.6	7.4	48	37.4	13.4
RHA12997	455800	6572200	1	10	28.9	2.97	0.51	2.64	1.4	56.3	15.3	52	75	16.6
RHA13009	456350	6572200	1	10	37.1	3.44	1.64	1.48	1.4	69.1	17.9	59	82.3	19.7
RHA13011	456450	6572200	1	7	48.1	4.99	0.82	1.91	2	85.5	21.6	81	112.9	23.7
RHA13013	456550	6572200	1	6	48	5.05	0.77	1.92	2	87	21.8	84	114.6	25
RHA13084	459050	6572200	1	138	24	9.13	0.46	0.64	1	55.2	7.5	54	41.1	19.2
RHA13085	459100	6572200	1	43	23.6	5.52	0.53	0.8	1.2	81	9.3	71	62.3	24.5
RHA13086	459150	6572200	0.5	58	20.6	4.3	0.43	0.64	1	83.9	7.9	69	71.1	23.8
RHA13088	459250	6572200	1	41	21.5	3.49	1.16	0.75	1.1	69.6	9.5	92	58.6	18.2
RHA13090	459350	6572200	1	11	38.7	4.75	0.69	1.52	2	72.5	17.5	100	97	24.7
RHA13092	459450	6572200	1	6	41.5	5.16	0.81	1.82	2.5	83	34.1	98	106.7	30.1
RHA13098	459750	6572200	1	3	41.2	5.13	0.72	2.07	2.1	78.1	22.5	91	105.7	30.4
RHA13102	459950	6572200	1	9	44.2	4.74	0.63	2.26	1.9	62.4	21.4	65	93.3	18.7
RHA13105	460100	6572200	1	10	42.6	4.51	2.21	2.11	1.9	58.5	20	60	85.2	18
RHA13106	460150	6572200	1	7	47	4.86	1.02	2.44	2.2	62.6	25.3	75	104.1	22.8

**Table 1.** Significant results (>98% threshold values) from the deep soils programme. Gold (>29 ppb Au), lithium (>46.5 ppm Li), Cs (>7.34 ppm Cs), Ta (>1.37 ppm Ta), Be (>2.02 ppm Be), Sn (>2.4 ppm Sn), Cu (>113 ppm Cu), Pb (>22.7 ppm Pb), Zn (>99 ppm Zn), Ni (>151.7 ppm Ni) & Co (>38.2 ppm Co).

## Next Steps

- Completion of the Roe Hills North deep soils programme.
- Aeromagnetic interpretation and geological modelling of the Roe Hills Project.
- Mineralisation review of all gold, copper, zinc, nickel-cobalt occurrences.
- Drill preparation for the Black Cat & Crystal Palace targets.

## About Kairos Minerals

Kairos Minerals (ASX:KAI) owns 100% of the flagship 1.1 Mozs **Mt York Gold Project** that was partially mined by Lynas Gold NL between 1994 and 1998. Kairos has recognized that the resource has significant potential to grow further from its current 1.1 Moz base. Pre-feasibility work will progress rapidly underpinned by the resource expansion work that will collect important information for metallurgical testwork, mining and process engineering to determine viability and optimal pathway to develop a sustainable, long-lived mining project. Current resources at a 0.7 g/t Au cutoff grade are shown in the table below.

Deposit	Indicated			Inferred			Total		
	Tonnes (MT)	Au (g/t)	Ounces (kcozs)	Tonnes (MT)	Au (g/t)	Ounces (kcozs)	Tonnes (MT)	Au (g/t)	Ounces (kcozs)
Main Trend	11.02	1.26	446	12.26	1.15	452	23.27	1.20	899
Iron Stirrup	1.18	1.81	69	0.63	1.66	34	1.81	1.76	102
Old Faithful	1.73	1.19	66	1.19	0.96	38	2.93	1.1	103
<b>Total</b>	<b>13.93</b>	<b>1.30</b>	<b>581</b>	<b>14.08</b>	<b>1.15</b>	<b>523</b>	<b>28.01</b>	<b>1.23</b>	<b>1,104</b>

Kairos has recently discovered spodumene-bearing pegmatites adjacent to the Mt York Gold Project and is evaluating their potential to become part of a value-adding lithium project into the future.

Kairos's 100%-owned Roe Hills Project, located 120km east of Kalgoorlie in WA's Eastern Goldfields, comprises an extensive tenement portfolio where the Company's exploration work has confirmed the potential for significant discoveries of high-grade gold, nickel and cobalt mineralization. Kairos has also discovered a 2,800m long Li-Cs-Rb soil anomaly in an exciting and emerging lithium province that will be drill-tested.

This announcement has been authorised for release by the Board.

**Peter Turner**  
**Managing Director**

**Zane Lewis**  
**Non Executive Director**

### For Investor Information please contact:

Paul Armstrong  
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### **COMPETENT PERSON STATEMENT:**

The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled and reviewed by Mr Mark Falconer, who is the Exploration Manager and a full-time employee of Kairos Minerals Ltd and who is also a Member of the Australian Institute of Geoscientists (AIG). Mr Falconer has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' (the JORC Code 2012). Mr Falconer has consented to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The Mineral Resources were first reported in the announcement dated 30 August 2022 ('Announcement'). The Company confirms that it is not aware of any new information or data that materially affects the information included in the Announcement and, in the case of estimates of mineral resources, that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

## Appendix A - JORC Code, 2012 Edition – Table 1

### Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul style="list-style-type: none"> <li>A total of 1241 individual soil samples were collected from soil horizons at between 0.1 to 1.0m depth using a low-impact Kanga.</li> <li>The samples were collected on east-west sample lines (perpendicular to the geological strike) that are spaced from 300m to 150m apart; samples were collected at 50m spaces between samples on each line.</li> <li>Samples were collected by Kairos field technicians and geologists supported by contract field staff.</li> <li>All sieves and sample collection tools were cleaned thoroughly between sample sites.</li> <li>All samples were sieved to -80 mesh in the field and submitted to Intertek Laboratory in Kalgoorlie by Kairos personnel for delivery to Perth.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	<ul style="list-style-type: none"> <li>No drilling is reported.</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling is reported.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and</li> </ul>	<ul style="list-style-type: none"> <li>Basic nature of sample depth and geological information of coarse fraction was collected routinely.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p><i>metallurgical studies.</i></p> <ul style="list-style-type: none"> <li>• <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></li> <li>• <i>The total length and percentage of the relevant intersections logged.</i></li> </ul>	
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>• <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li>• <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></li> <li>• <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li>• <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li>• <i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i></li> <li>• <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The soil samples were sieved in the field to -80 mesh (180 micron) and collected in individual, uniquely identified paper packets and sent to Intertek Laboratory in Perth for analysis via Intertek in Kalgoorlie.</li> <li>• The sample size was appropriate for the selected methods of gold and multi-element analysis at Intertek.</li> <li>• The samples were dried and pulverised to 95% passing 75um, prior to gold and multi-element analysis.</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li>• <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li>• <i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></li> <li>• <i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Samples were analysed by Intertek Genalysis in Perth.</li> <li>• All samples underwent four acid digest for multi-element analysis by laboratory codes 4A-Li/MS48 (ICPMS finish) with selected samples undergoing 4A-Li/MS48R for additional rare earth analysis.</li> <li>• All samples were analysed for gold by fire assay using a 50g charge with ICP-OES finish (FA50/OE04).</li> <li>• The analysis methods are considered appropriate for the nature of the material.</li> <li>• Certified standards were regularly inserted into the sample sequence at a rate of 1:40 samples to assess the accuracy of the analysis methods.</li> <li>• The laboratory performed regular performance checks through analysis of internal standards, repeats and control blanks.</li> <li>• QAQC performance was monitored by Kairos staff with action taken with the laboratory if required.</li> <li>• Acceptable levels of accuracy and precision have been established through monitoring and assessment of QAQC performance.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>• <i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li>• <i>The use of twinned holes.</i></li> <li>• <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Primary laboratory data is emailed directly from the laboratory to the company's database consultant for upload directly into the company's digital database.</li> <li>• Data is routinely imported into GIS and ioGAS software and processed to check the data and identify significant anomalies.</li> <li>• Data anomalies are recognised and reviewed in</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>Discuss any adjustment to assay data.</li> </ul>	<p>relation to all other factors including geology and sample type.</p> <ul style="list-style-type: none"> <li>No adjustments have been made to the assay data.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>Kairos' soil samples were surveyed by handheld GPS with an accuracy of +/- 5m.</li> <li>All location data are in MGA94 Zone 51 (GDA94).</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>The soil sampling program was conducted on east-west lines spaced 300m to 150m apart, with a sample spacing of 50m along the lines.</li> <li>The sample line &amp; grid geometry was designed to accentuate soil anomalies that may be north-south in extent (as expected) and parallel to the geological strike of the rocks.</li> <li>No sample compositing has been applied.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<ul style="list-style-type: none"> <li>The soil sampling was undertaken across the strike of the known geology and structures within the project areas.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>The sample chain of custody is managed by Kairos.</li> <li>All samples were collected in the field at the project site in unique number-coded paper geochemistry sample bags by Kairos' geological and field personnel.</li> <li>All samples were boxed and delivered directly to Intertek Kalgoorlie for delivery to Intertek Perth</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>No review or audits have been conducted.</li> </ul>

## Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul style="list-style-type: none"> <li>The Roe Hills project consists of nineteen granted Exploration Licenses: E28/1935, E28/2117, E28/2118, E28/2548, E28/2585, E28/2593-E28/2597, P28/1292-P28/1300 inclusive.</li> <li>Kairos is not aware of any existing impediments nor of any potential impediments which may impact ongoing exploration and development activities at the project site.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>No significant past work has been carried out for lithium exploration in the past at Roe Hills North</li> <li>Broad reconnaissance exploration for gold has been conducted on the northern and western parts of tenement E28/2585 in the past by Poseidon Exploration (1990), Normandy Exploration (1995) and Integra Mining (2009) in the form of shallow RAB/Aircore drilling. This work was not conducted over the Black Cat prospect.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<p><b>Regional Geology</b></p> <ul style="list-style-type: none"> <li>The Roe Hills project lies across granite-greenstones of the Archean Yilgarn Craton, with the local geology at Roe Hills consisting of a north-south trending mafic-ultramafic sequence intruded by granites.</li> <li>The mineralisation targets are intrusion/shear zone-hosted Au deposits and spodumene-bearing LCT pegmatite deposits (lithium).</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:             <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling was completed.</li> </ul>
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades)</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p>and cut-off grades are usually Material and should be stated.</p> <ul style="list-style-type: none"> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul style="list-style-type: none"> <li>Lithium and gold deep soil anomaly maps are shown on Figures 2 and 3 of this report respectively.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>All results have been presented for lithium and gold. No samples have been excluded from the presented data.</li> <li>Results presented are considered representative for both lithium and gold.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	<ul style="list-style-type: none"> <li>Other relevant and meaningful data has been previously reported to the ASX on 9 November 2022 and 25 January 2023 (see KAI ASX announcements entitled 'Additional significant lithium targets identified at Roe Hills Project, Eastern Goldfields, WA' and 'Highly promising lithium anomaly with mapped pegmatites' respectively).</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Planning is currently underway to drill test lithium and gold targets at Black Cat and lithium targets at Crystal Palace with RC drilling. This includes a heritage protection agreement which is progressing with the native title claimant group and heritage surveys will be undertaken prior to RC drilling.</li> <li>The soil sampling program is to be extended with an approximate 1400 further soil samples planned to be collected south of the data reported in this announcement.</li> </ul>