ATLANTIC LITHIUM

AIM: ALL, ASX: A11, GSE: ALLGH, OTCQX: ALLIF

22 May 2025

Spodumene Pegmatite Discovered at Agboville and Rubino Licences, Côte d'Ivoire

For personal use only

Significant lithium-in-soil anomalies also delineated within the Rubino licence from Phase 2 soil sampling

Atlantic Lithium Limited (AIM: ALL, ASX: A11, GSE: ALLGH, OTCQX: ALLIF, "Atlantic Lithium" or the "Company"), the Africa-focused lithium exploration and development company targeting the delivery of Ghana's first lithium mine, is pleased to announce the discovery of spodumene pegmatite in outcrop and float in the Agboville and Rubino exploration licences in Côte d'Ivoire, which are 100%-owned by the Company's wholly-owned subsidiary Khaleesi Resources SARL, and the delineation of significant lithium-in-soil anomalies from soil sampling completed within the Rubino licence.

Highlights

- High-grade lithium assays up to 1.25% Li_2O% returned from rock-chip sampling completed at the Company's Agboville and Rubino licences in Côte d'Ivoire, 100% held by the Company's wholly-owned subsidiary, Khaleesi Resources SARL.
- Assay results from outcrop and float confirm the Company's visual spodumene observations and demonstrate the significant prospectivity of the two licences.
- Impressive results also returned from the Phase 2 soil sampling programme completed at the Rubino licence, which have identified pronounced lithium anomalies over a 2.5km by 2.0km area; lithium-in-soil anomalies remain open towards the northeast, where the Company awaits results of the Phase 3 soil sampling programme.
- The two, contiguous licences are situated within the same broad geological setting which hosts the Company's flagship Ewoyaa Lithium Project ("Ewoyaa" or the "Project") in Ghana and other spodumene pegmatite deposits in Mali.
- The low-cost exploration programmes underway in Côte d'Ivoire extend the Company's lithium exploration activities beyond Ghana for the first time.
- The Company will apply its proven ability to explore, discover and evaluate lithium deposits in tropical weathering environments, as demonstrated at Ewoyaa, to its licences in Côte d'Ivoire.
- Exploration of the Côte d'Ivoire licences to run concurrently to the advancement of Ewoyaa; intended to support the Company's broader spodumene production ambitions in Africa.

Commenting, Keith Muller, Chief Executive Officer of Atlantic Lithium, said:

"The discovery of spodumene pegmatite at both of the Company's Agboville and Rubino licences represents a momentous occasion for Atlantic Lithium's first low-cost exploration campaign in Côte d'Ivoire.

"High-grade assay results returned from the rock-chip sampling programme undertaken across both licences confirm visual spodumene observations made during mapping, clearly demonstrating the significant prospectivity of the Company's tenure.

"In addition, results received from the Phase 2 soil sampling programme completed at Rubino indicate pronounced lithium-in-soil anomalies over a 2.5km by 2.0km area within the licence. The anomalies remain open to the northeast, and the Company eagerly awaits results from the now-completed Phase 3 programme.

"Having been granted the licences in May 2024, the programmes at Agboville and Rubino extend the Company's lithium exploration activities beyond neighbouring Ghana, where the Company is advancing its flagship Ewoyaa Lithium Project through the permitting phase to become one of the next globally-significant spodumene mines.

"These encouraging results mark an exciting milestone for Atlantic Lithium's exploration efforts in Côte d'Ivoire, where the Company aims to discover Africa's next major lithium deposit.

"While our primary focus remains firmly on progressing Ewoyaa towards a Final Investment Decision, we believe the Agboville and Rubino licences, which are 100%-owned through the Company's wholly-owned subsidiary, Khaleesi Resources SARL, represent an attractive opportunity for value creation through low-cost exploration and strategic diversification into multiple jurisdictions.

"The Company intends to leverage the substantial expertise gained from lithium exploration, discovery and evaluation at Ewoyaa to advance its licences in Côte d'Ivoire, supporting its longer-term spodumene production ambitions in Africa.

"We look forward to providing further updates in due course."

Authorised for release by Amanda Harsas, Finance Director and Company Secretary, Atlantic Lithium Limited.

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.

For personal use only

Agboville and Rubino Exploration Licences

Location

The Agboville Permis de Recherche (exploration licence - PR 0694) covers an area of 397km^2 and is located in the departments of Agboville and Adzope in Côte d'Ivoire, while the adjacent Rubino Permis de Recherche (PR 0695) covers an area of 374km^2 in the department of Agboville (*refer **Figure 1***). Both licences were granted in May 2024 and are 100%-owned by the Company's wholly-owned Ivorian subsidiary, Khaleesi Resources SARL.

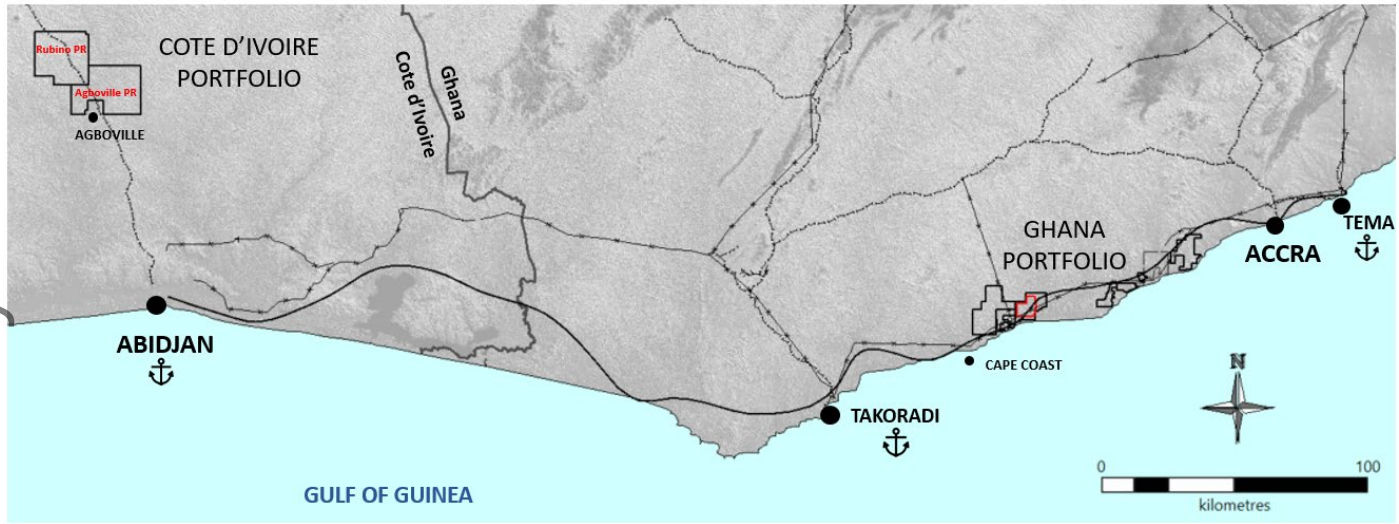


Figure 1: Map of the Company's tenure in Côte d'Ivoire and Ghana, with the Ewoyaa Lithium Project (located in Mankessim, Ghana) outlined in red.

Mapping and rock-chip sampling

Geological mapping by the Company's geologists, along reconnaissance traverses and in support of soil sampling, have discovered a number of spodumene pegmatite occurrences in both of the Agboville and Rubino licences as rock float and a single rare outcrop, with spodumene visually observed in hand specimen despite varying degrees of weathering exhibited. These initial mapping traverses were part of the first pass geological appraisal of priority areas over which historical government data suggest lithium-caesium-tantalum (LCT) pegmatite could occur.

Rock-chip samples were collected during mapping at several locations where pegmatite was encountered and submitted for assay. The elevated assay values of lithium and other elements, above 0.2% Li_2O and up to 1.25% Li_2O, from these pegmatite rock-chip samples confirm the Company's visual spodumene observations and the prospectivity of the licences (*refer **Figure 2** and **Table 1***). Not all pegmatite samples sent for assay returned anomalous assay results. In some cases, anomalous lithium and caesium assays returned from first-pass reconnaissance mapping resulted in the discovery of spodumene pegmatite float when geologists re-visited the sample site to ground truth the anomalous assay results. Spodumene has a propensity to degrade in the tropical weathering environment with the lithium leaching out of the mineral even in weak to moderately weathered pegmatite, so weathered visually observed spodumene will not always have corresponding high lithium values in rock-chip assay results. Caesium is of interest as it can be used as an indicator element in LCT pegmatite exploration and the caesium mineral pollucite can be produced in commercial quantities in certain LCT pegmatites.

For personal use only

For personal use only

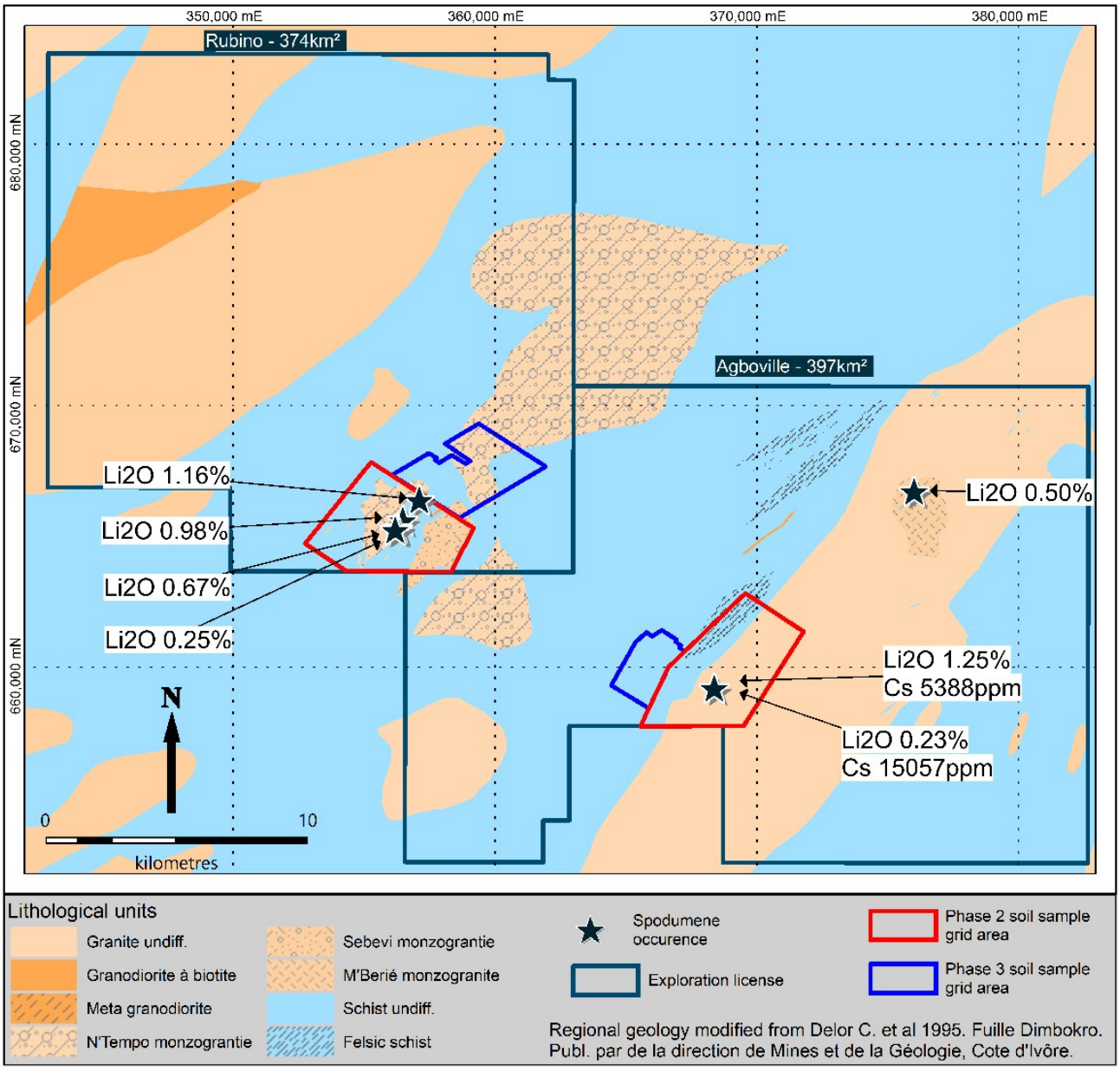


Figure 2: **Map showing spodumene pegmatite discoveries within the Agboville and Rubino licences with associated lithia and caesium (Cs) values from rock-chip assays. Extent of recent Phase 2 and 3 soil sampling grids are also shown.**

Table 1: **Highlight rock-chip assay results (values > 0.2 Li_2O%) from the Agboville and Rubino licences. Results < 0.2 Li_2O% included in Appendix 1 and a geological map of the licences with rock-chip sample locations marked included in Appendix 2.**

Sample ID	Permit ID	Easting	Northing	Be_ppm	Cs_ppm	Ga_ppm	Hf_ppm	K_pct	Li_ppm	Li2O_%	Nb_ppm	Sn_ppm	Ta_ppm
100167	Agboville	368394	659232	74.93	15057	16.29	5.99	1.29	1089.3	0.23	28.01	0.3	84.3
100192	Agboville	376032	666754	58.64	87.54	27.38	1.09	6.37	2322.4	0.5	47.9	0.4	17.93
110009	Rubino	357144	666431	118.22	64.19	32.24	1.62	2.39	5378	1.16	92.88	0.2	60.97
110018	Rubino	356290	665305	128.15	92.13	20.12	2.13	3.24	1148.2	0.25	53.59	0.05	36.2
110024	Agboville	368380	659213	193.86	5388	20.69	3.94	2.26	5810	1.25	17.44	0.6	78.38
110032	Rubino	356506	665644	216.79	92.8	26.44	1.12	4.03	4556.7	0.98	53.64	0.2	31.41
RUB00002	PR-695	356304	665338	133.15	90.65	26.61	3.06	3.68	3114.7	0.67	40.06	0.3	33.57

***NOTE**: Grid references reported in projection UTM, WGS84, Zone 30N.*

For personal use only

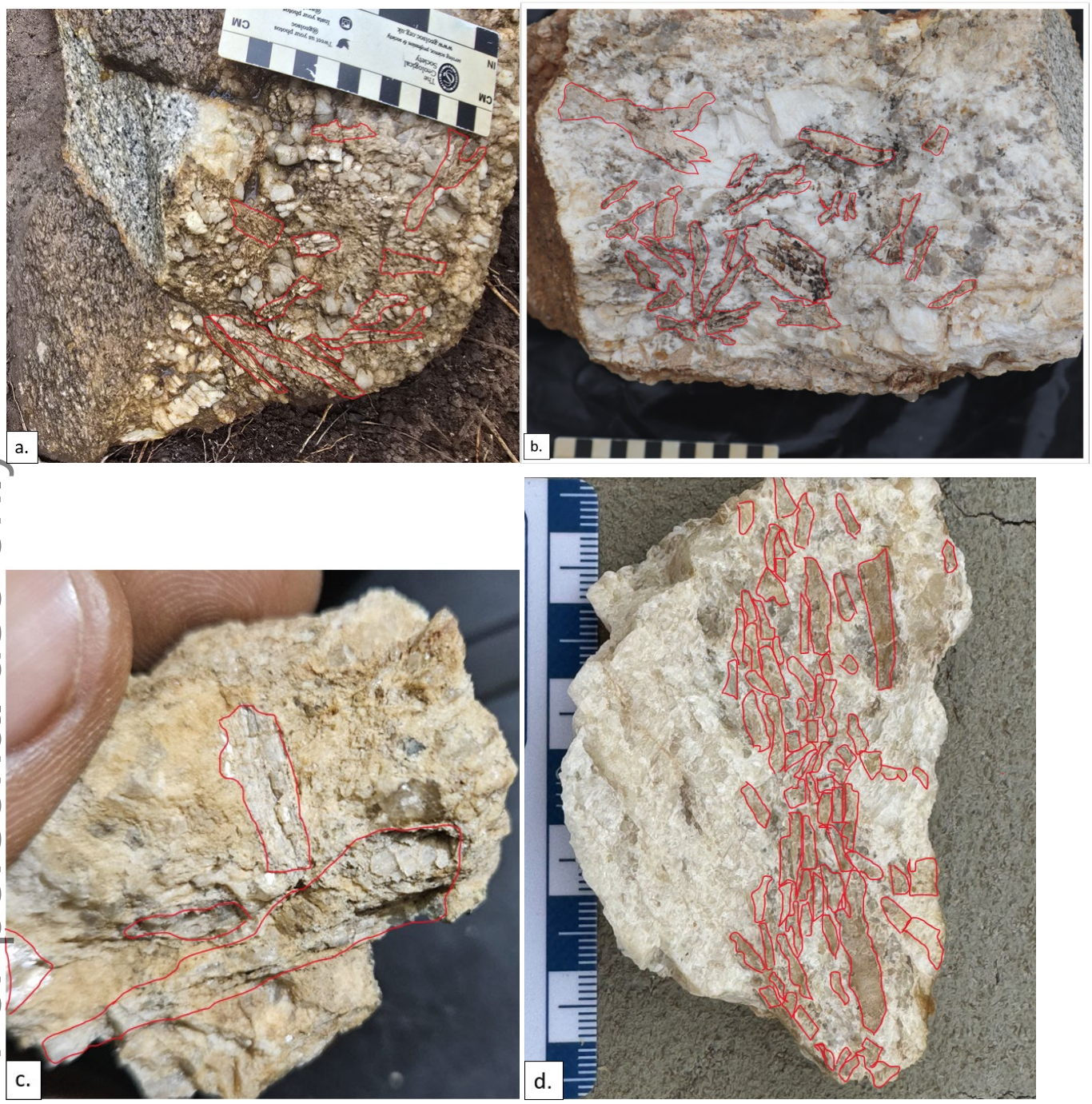


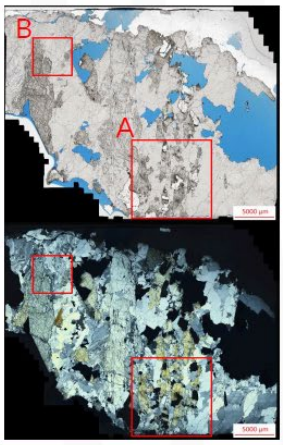
Figure 3: **Photographs of spodumene pegmatite hand specimens discovered in the Rubino exploration licence by the Company's geologists. a) Sample 110009** - Weathered surface of spodumene pegmatite float with spodumene crystals 10mm to 50mm in length (outlined in red), estimated to be 10-15% of the surface area of the rock sample. **b) Sample 110009** – Broken surface of weathered spodumene pegmatite with spodumene crystals 10mm to 60mm in length (outlined in red), estimated to form 10-15% of the rock sample. **c) Sample 110018** – Moderate to strongly weathered spodumene pegmatite with individual spodumene crystals 10mm to 30mm in length (outlined in red), estimated to form 15-20% of the rock sample. **d) Sample 110032** (Petrography sample 110025 – *see below*) – Spodumene pegmatite with pink-brown coloured spodumene crystals ranging in length from 2mm to 15mm (outlined in red), estimated to form 25-30% of the rock sample.

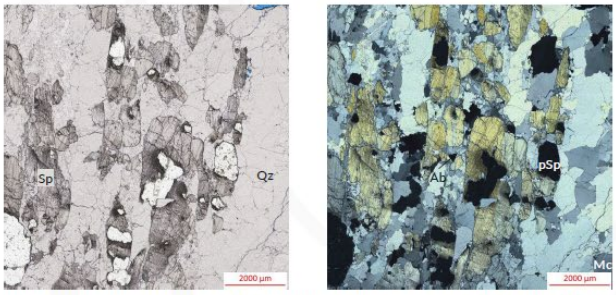
***NOTE**: Visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations.*

One spodumene pegmatite float sample (Sample 110025, *refer* ***Figure 3d***) from the Rubino licence was sent to PetroStrat in the United Kingdom for thin section preparation and description to confirm the visual observation of spodumene in hand specimen and to identify any other lithium-bearing mineral phases present. The petrographic report on this single sample confirmed the field observation of spodumene and that it is the only significant lithium-bearing mineral present (lepidolite recorded as trace) in the thin section. Other lithium-bearing mineral phases could be present in other samples and areas of the permits and detailed mineralogy will be determined during later stages of the exploration programme.

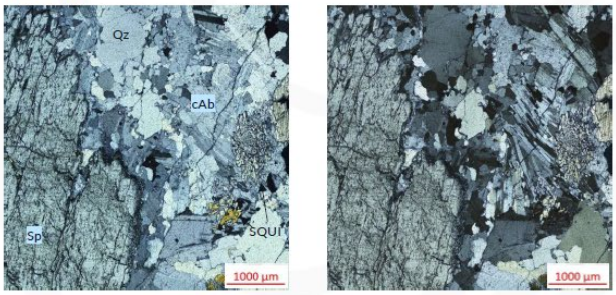
PetroStrat
Integrated Geoscience Solutions

Sample Name	110025
Lithological Classification	Microcline-albite-quartz-spodumene pegmatite
Textural Qualifiers	Coarse grained to very coarse grained, orientated, idiomorphic fabric
Alteration Qualifiers	Fresh, fractured
Main Crystal Size Range (µm)	300 - 2000 (quartz and clevelandite)
Other Crystal Size Range (µm)	up to 2 cm (spodumene, microcline)





(A) Orientated prismatic spodumene crystals (Sp) alongside large, anhedral grains of quartz (Qz), minor microcline (Mic) and disseminated albite (Ab). Note plucked spodumene (pSp) due to peeling alongside perfect cleavage. Bright field and circularly polarised light.



(B) Border of a coarse spodumene crystal (Sp) containing quartz (Qz), cleavelandite (cAb) and spodumene-quartz intergrowths (SQUI). Circularly polarised and cross polarised light.

Mineralogy and texture notes	
Mineral Assemblage	Spodumene 35%, Quartz 31%, Albite 22%, K-Feldspar 10%, Garnet 1%, Apatite 1%, Lepidolite trace %
Mineralogy and texture description	Rock dominated by coarse to very coarse microcline, albite, quartz and spodumene. Spodumene occurs as prismatic, orientated crystals, mostly confined to the middle section of the slide. Trace mica, likely lithium-bearing, occurs in contact with the spodumene. Quartz occurs as large, anhedral grains. Where spodumene and quartz are in contact, symplectitic SQUI textures develop. Microcline occurs as very coarse grains, typically in the margins of the slide, and subordinately occurs disseminated as medium-grained grains. Albite occurs mainly as cleavelandite in the margins of the spodumene zone, subordinately occurs disseminated as medium-grained crystals. Accessory contents of apatite and garnet. Note due to perfect spodumene cleavage, significant flaking has occurred during sample preparation. Plucking of spodumene grains was taken into account during mineral % estimates.
Estimated properties	Density: 2.83 g/cc. Li2O: 3.13 wt %.

Figure 4: Petrographic summary of spodumene pegmatite sample 110025 from the Rubino licence by PetroStrat (UK) confirming the field visual observation of spodumene. A photograph of this rock sample is shown in Figure 3d.

For personal use only

Soil Sampling

Soil geochemical sampling was undertaken using 100m by 100m spaced grid over the most prospective areas identified by mapping and rock-chip sampling completed by the Company and also over historical mineral occurrences in both the Rubino and Agboville licence areas. The soil sampling was completed in two sampling phases in each tenement; Phase 2 consisting of 3,235 sample sites (1,594 sites sampled at Agboville and 1,641 sites sampled at Rubino) and Phase 3 consisting of 1,440 sample sites (442 sites sampled at Agboville and 1,018 sites sampled at Rubino), the extent of which are shown in ***Figure 2***. The Phase 1 soil sampling programme was a baseline soil programme undertaken along selected sections during reconnaissance mapping, where different sample depths and sieve fractions were tested and the results of which help set the best parameters for subsequent grid soil programmes.

Only the Rubino Phase 2 soil results have been received to date and the lithium-in-soil values clearly delineate pronounced anomalies (*refer* ***Figure 5***) extending over a 2.5km by 2.0km area where anomalous lithium values between 210ppm and a peak value of 806ppm define the most significant anomalies (*refer* ***Appendix 3*** *for results with values greater than background at 85 ppm; values less than 85ppm lithium are not considered anomalous and are the soil geochemical response associated with the regional country rocks that host the pegmatite intrusives*). These lithium anomalies have distinct geometries, with a particularly pronounced 2.5km-long linear cluster of anomalies whose NE-SW orientation follow interpreted local geological contacts between granodiorite and metasediments and also the prominent regional tectonic trend in this part of the Birimian. There is a close spatial relationship between the pronounced linear lithium-in-soil anomalies and the location of spodumene pegmatite float and outcrop discovered in

the Rubino licence. These lithium-in-soil anomalies remain open towards the northeast, where the Company awaits results of the Rubino Phase 3 soil sampling.

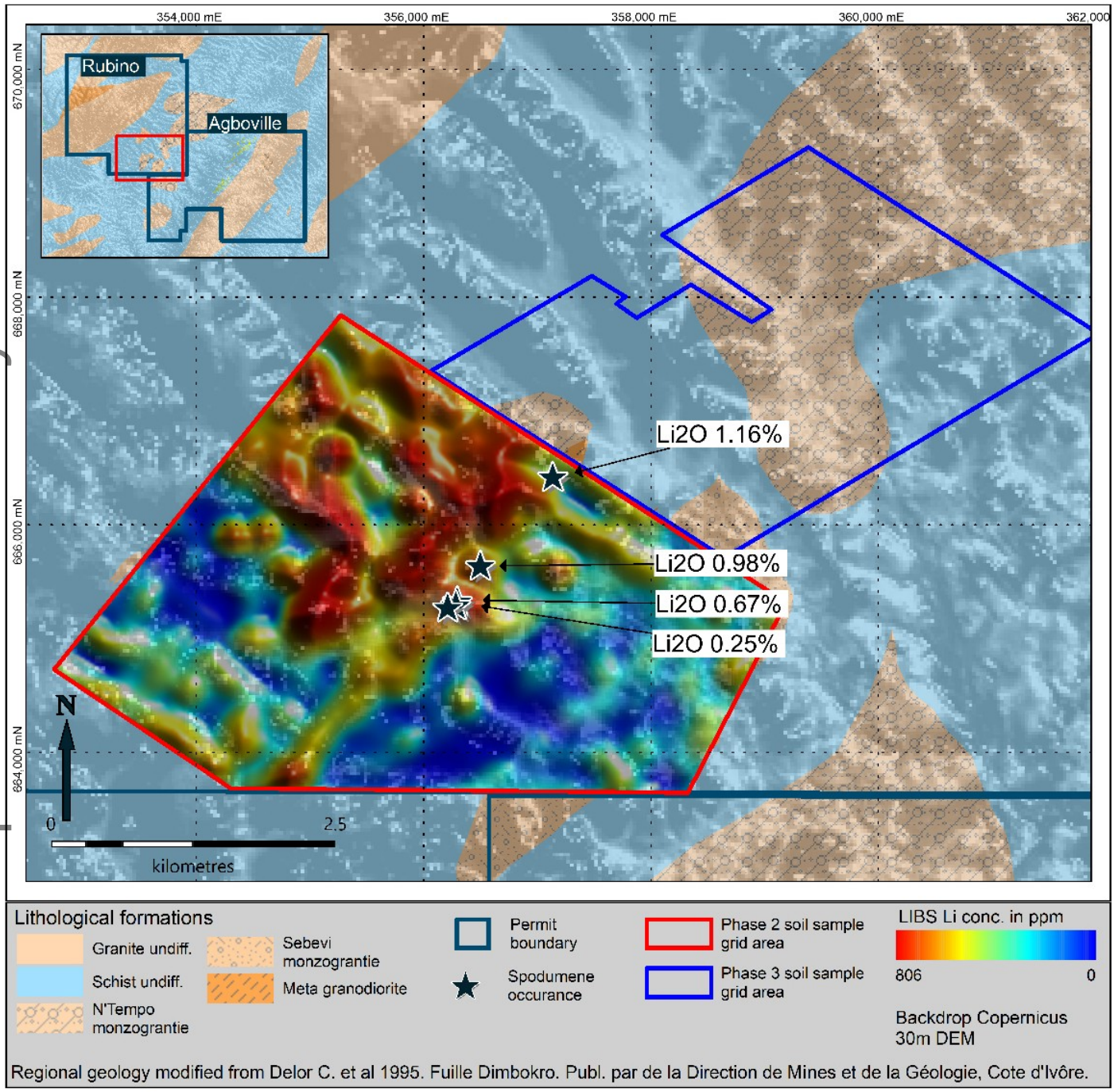


Figure 5: Rubino Phase 2 Li (ppm) in soil grid results with spodumene pegmatite discovery sites and associated rock-chip lithia assays.

Next Steps

Additional mapping will be undertaken in the process of evaluating the anomalies identified by the Rubino Phase 2 soil results. Once all the Phase 2 and 3 soil results are received, surface mapping and follow-up auger drill programmes will be planned to map the source of the anomalies below the laterite at surface, with the ultimate goal to define potential reverse circulation and diamond drill targets. Extending the soil sampling with Phase 4 towards the north and over other prospective areas will also be planned.

For personal use only

Strategic Location

The town of Agboville is situated only 80km north of Abidjan, the port and commercial capital of Côte d'Ivoire, and the two licences are well-serviced with existing infrastructure, including excellent paved highways and an operating railway linking Burkina Faso's capital city of Ouagadougou and the port of Abidjan (*refer* ***Figure 6*** *and* ***7***).

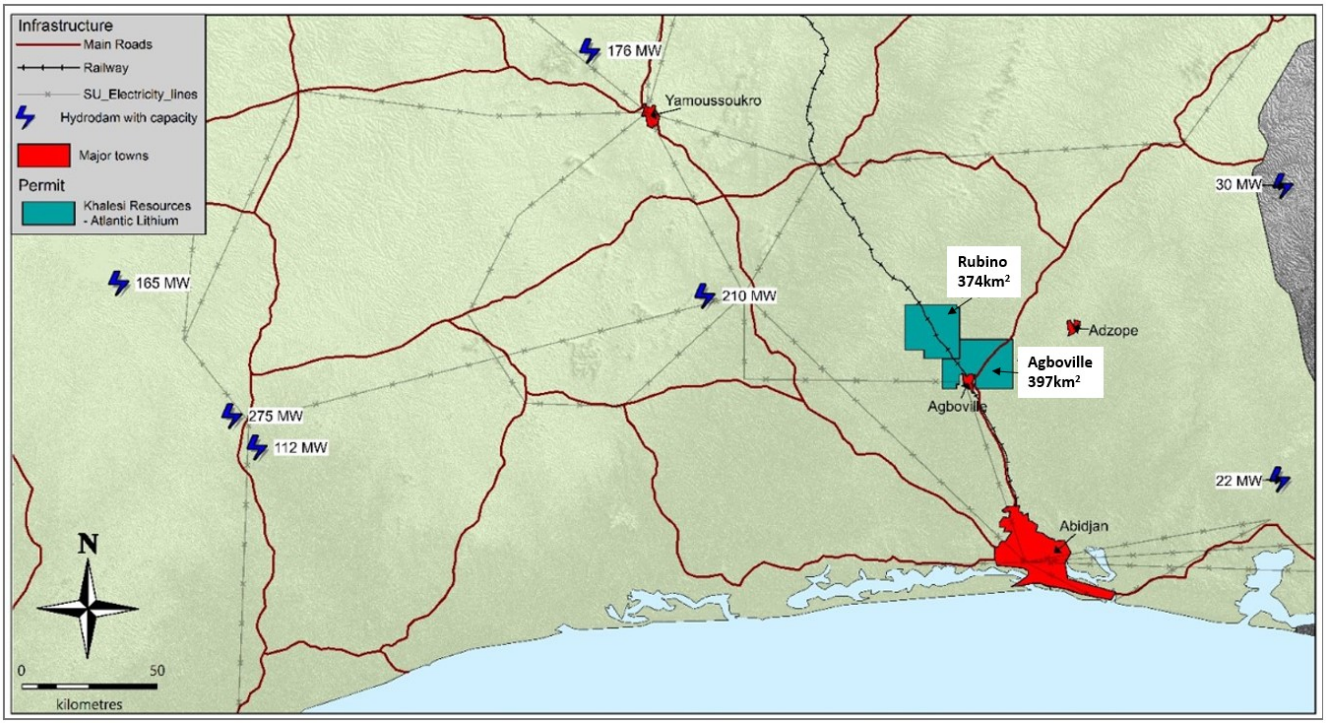


Figure 6: Location of the Agboville and Rubino licences held by the Company's wholly-owned subsidiary Khaleesi Resources SARL in Côte d'Ivoire and existing operational infrastructure.

Figure 7: Paved Agboville-Abidjan highway which connects the two licences to the port city of Abidjan.

For personal use only

For personal use only

Geology and Historical Exploration

The two licence areas are underlain by Birimian-aged metasediments intruded by granitic rocks of Eburnean age; the same broad geological setting which hosts the Company's Ewoyaa Lithium Project in Ghana (*refer* ***Figure 1***) and other spodumene pegmatite deposits in Mali.

Historical geological mapping and a mineral occurrence survey undertaken during the early 1960s by Ivoirian government entity SODEMI identified spodumene in the area of the licences, along with LCT pegmatite-associated minerals beryl, tantalum and columbite, denoting the area as one of only two sites where spodumene had been recorded in Côte d'Ivoire (*refer* ***Figure 8***). This provided the impetus for the Company to apply for the licences in 2016. Both licences were issued in May 2024.

Both tenement areas are characterised by gently undulating topography with thick tropical vegetation dominated by crop cultivation such as rubber, cacao, oil palm and teak plantations interspersed with food crops of rice, plantain, maize, casava, sweet potato, tomatoes, egg plant and chilli pepper. Deep tropical weathering is prevalent throughout the exploration licences and rock outcrops are rare and invariably of younger granitoid intrusives if encountered.

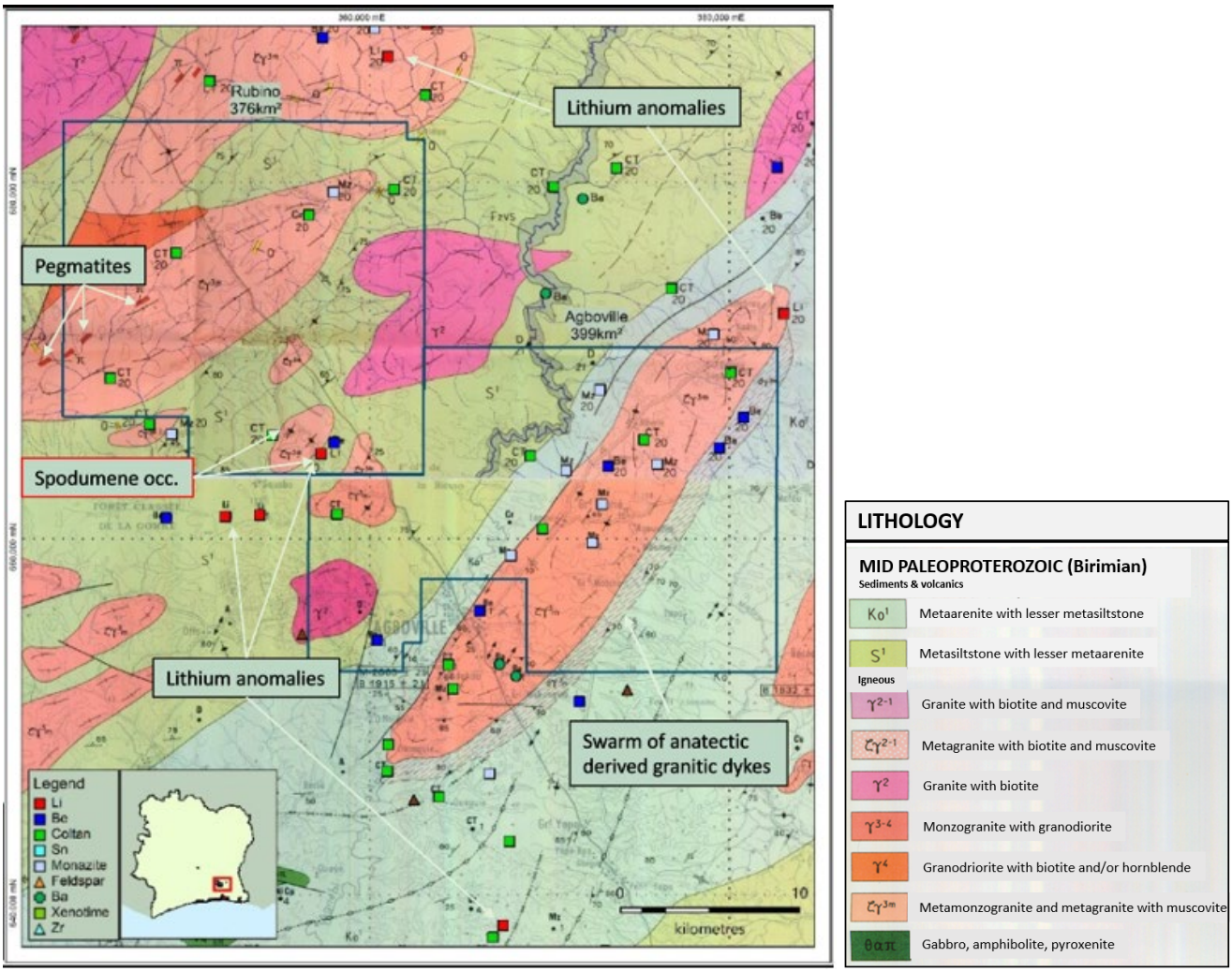


Figure 8: Historical government geological mapping of the Agboville area (Source: Ministère des Mines et de l'Energie - Direction des Mines et de la Géologie, 1992-1995, Scale: 1;200,000) modified to show mineral occurrences and limits of the Agboville and Rubino licences.

JORC Table 1, Section 1 (Sampling Techniques and Data) and ***Section 2*** (Reporting of Exploration Results) are included in ***Appendix 4***.

Competent Persons

Information in this announcement relating to the exploration results is based on data reviewed by Mr I. Iwan Williams (BSc. Hons Geology), General Manager - Exploration of the Company and reported in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (The Joint Ore Reserves Committee Code - JORC 2012 Edition). Mr Williams is a Member of the Australian Institute of Geoscientists (#9088) who has in excess of 30 years' experience in mineral exploration and is a Qualified Person under the AIM Rules and as a Competent Person as defined in the JORC Code. Mr Williams consents to the inclusion of the information in the form and context in which it appears.

For any further information, please contact:

Atlantic Lithium Limited

Neil Herbert (Executive Chairman)

Amanda Harsas (Finance Director and Company Secretary)

www.atlanticlithium.com.au

IR@atlanticlithium.com.au

Tel: +61 2 8072 0640

SP Angel Corporate Finance LLP
Nominated Adviser
Jeff Keating
Charlie Bouverat
Tel: +44 (0)20 3470 0470

Yellow Jersey PR Limited
Charles Goodwin
Bessie Elliot
atlantic@yellowjerseypr.com
Tel: +44 (0)20 3004 9512

Canaccord Genuity Limited
Financial Adviser:
Raj Khatri (UK) /
Duncan St John, Christian
Calabrese (Australia)

Corporate Broking:
James Asensio
Tel: +44 (0) 20 7523 4500

For personal use only

Notes to Editors:

About Atlantic Lithium

www.atlanticlithium.com.au

Atlantic Lithium is an AIM, ASX, GSE and OTCQX-listed lithium company advancing its flagship project, the Ewoyaa Lithium Project, a significant lithium spodumene pegmatite discovery in Ghana, through to production to become the country's first lithium-producing mine.

The Project was awarded a Mining Lease in October 2023, an Environmental Protection Authority ("EPA") Permit in September 2024, and a Mine Operating Permit in October 2024 and is being developed under an earn-in agreement with Piedmont Lithium Inc.

Atlantic Lithium holds a portfolio of lithium projects within 509km^2 and 771km^2 of granted and under-application tenure across Ghana and Côte d'Ivoire respectively, which, in addition to the Project, comprises significantly under-explored, highly prospective licences.

ATLANTIC LITHIUM

APPENDIX 1

Rock-chip assay results from the Agboville and Rubino licences.

Sample ID	Permit ID	Easting	Northing	Be_ppm	Cs_ppm	Ga_ppm	Hf_ppm	K_pct	Li_ppm	Li2O_%	Nb_ppm	Sn_ppm	Ta_ppm
100143	Agboville	367879	658729	82.3	37.24	20.74	1.07	5.64	83.3	0.02	6	0.6	1.77
100144	Agboville	375302	657659	2.09	10.24	16.92	1.02	0.40	47.6	0.01	15.01	1.2	1.83
100145	Agboville	368359	658233	3.31	18.28	18.9	1.04	5.44	77.5	0.02	5.51	0.8	0.78
100146	Agboville	368447	658132	1.18	19.9	15.08	0.24	9.41	42.9	0.01	0.7	0.2	0.12
100147	Agboville	367090	658183	4.18	34.5	19.36	1.4	5.89	145.5	0.03	4.88	1	1.1
100148	Agboville	371754	657667	0.93	2.62	17.36	1.04	0.48	58.7	0.01	7.51	1.7	0.7
100149	Agboville	373589	658000	1.01	4.71	23.59	2.09	0.27	44.8	0.01	11.84	1.9	1.52
100150	Agboville	368809	656815	1.81	8.69	21.31	0.77	4.94	102.5	0.02	4.87	0.8	0.59
100151	Agboville	369991	658638	5.56	7.76	23.33	0.93	3.65	79.7	0.02	5.65	0.9	1.28
100152	Agboville	366879	657831	5.41	16.45	28.69	1.6	3.71	114	0.02	6.74	1.2	1.12
100153	Agboville	369659	659024	2.06	20.98	17.99	0.62	6.70	44.6	0.01	1.46	0.4	0.25
100154	Agboville	369804	658582	3.72	9.22	16.53	0.73	3.72	89.7	0.02	4.22	0.8	0.97
100155	Agboville	369730	658740	3.39	9.09	20.39	0.58	4.70	77.8	0.02	6.56	1.3	0.87
100156	Agboville	369704	658755	34.41	31.52	24.27	1.05	2.83	66.9	0.01	10.16	2.2	6.33
100157	Agboville	369688	658750	7.46	7.31	20.21	0.57	1.67	73.4	0.02	5.34	1.1	1.25
100158	Agboville	369645	658774	4.03	14.4	26.63	0.81	2.63	84.8	0.02	12.89	1.7	5.59
100159	Agboville	369608	658787	5.76	11.22	19.69	0.94	3.12	75.8	0.02	4.5	0.8	1.02
100160	Agboville	369598	658797	3.63	9.93	19.4	0.89	5.30	108.4	0.02	5.01	1.1	0.83
100161	Agboville	369588	658820	3.21	18.39	20.55	0.64	5.02	91	0.02	4.51	1.7	0.88
100162	Agboville	369686	659023	4.7	15.3	21.02	1.02	4.61	99.3	0.02	4.25	1.2	0.97
100163	Agboville	369230	659651	1.61	30.32	14.69	0.08	7.95	62.7	0.01	1.49	0.3	0.33
100164	Agboville	369971	659763	3.84	10.9	18.41	1.2	2.23	133.4	0.03	6.27	1.9	1.21
100165	Agboville	369477	658658	2.32	13.45	9.88	0.94	3.69	44.3	0.01	1	0.2	0.14
100166	Agboville	369413	658696	6.47	38.23	15.95	0.68	8.59	64.2	0.01	0.54	0.2	0.32
100167	Agboville	368394	659232	74.93	15057	16.29	5.99	1.29	1089.3	0.23	28.01	0.3	84.3
100168	Agboville	368596	660180	14.82	47.2	18.65	2.25	2.07	169.9	0.04	17.41	0.5	9.78
100169	Agboville	369729	658725	2.66	30.34	15.62	0.33	6.56	74	0.02	2.63	1.1	0.58
100190	Agboville	366856	657703	719.5	95.36	18.49	0.26	8.99	91.9	0.02	1.81	0.3	0.49
100191	Agboville	375232	666917	2.63	9.17	20.56	0.55	5.16	58.1	0.01	3.81	1.2	0.45
100192	Agboville	376032	666754	58.64	87.54	27.38	1.09	6.37	2322.4	0.5	47.9	0.4	17.93
100193	Agboville	381476	669406	3.59	5.35	28.64	0.29	2.79	141.2	0.03	10.01	1.7	1.01
100194	Agboville	369674	661563	7.89	31.73	46.24	0.63	6.20	311.9	0.07	24.89	3	3.37
100195	Agboville	373376	666768	5.88	60.84	27.49	2.07	1.53	481.8	0.1	13.01	0.7	6.37
100196	Agboville	376773	664351	3.71	11.24	19.11	0.27	2.00	102.1	0.02	6.42	3.3	0.82
100197	Agboville	376200	664552	10.14	18.84	16.87	1	3.36	25.6	0.01	10.29	0.9	5.93
100198	Agboville	376974	665939	50.9	23.84	22.61	0.96	5.71	13.8	0	5.68	0.4	2.55
100199	Agboville	378399	668608	3.75	10.55	18.47	0.98	4.06	73.6	0.02	5.35	1.3	0.84
100200	Agboville	368541	659931	2.6	33.67	23.69	0.76	8.03	82.6	0.02	3.5	0.4	0.86
100201	Agboville	369359	659773	29.67	14.97	18.71	0.77	1.00	161	0.03	12.25	2.5	3.49
100202	Agboville	369391	659776	653.64	109.22	61.24	1.4	3.11	473	0.1	47.28	9.7	8.62
100203	Agboville	369318	659826	2.07	6.17	15.49	1.18	0.36	68.8	0.01	5.92	1.2	0.96
110001	Agboville	369991	659616	4.98	17.39	21.92	0.72	5.69	162.1	0.03	8.15	3.5	1.15
110002	Agboville	370143	659748	3.77	15.94	20.27	1.18	3.72	102.1	0.02	8.07	2.5	1.66
110003	Agboville	370812	660625	2.49	18.24	15.02	0.17	8.34	55.6	0.01	1.05	0.4	0.32

For personal use only

For personal use only

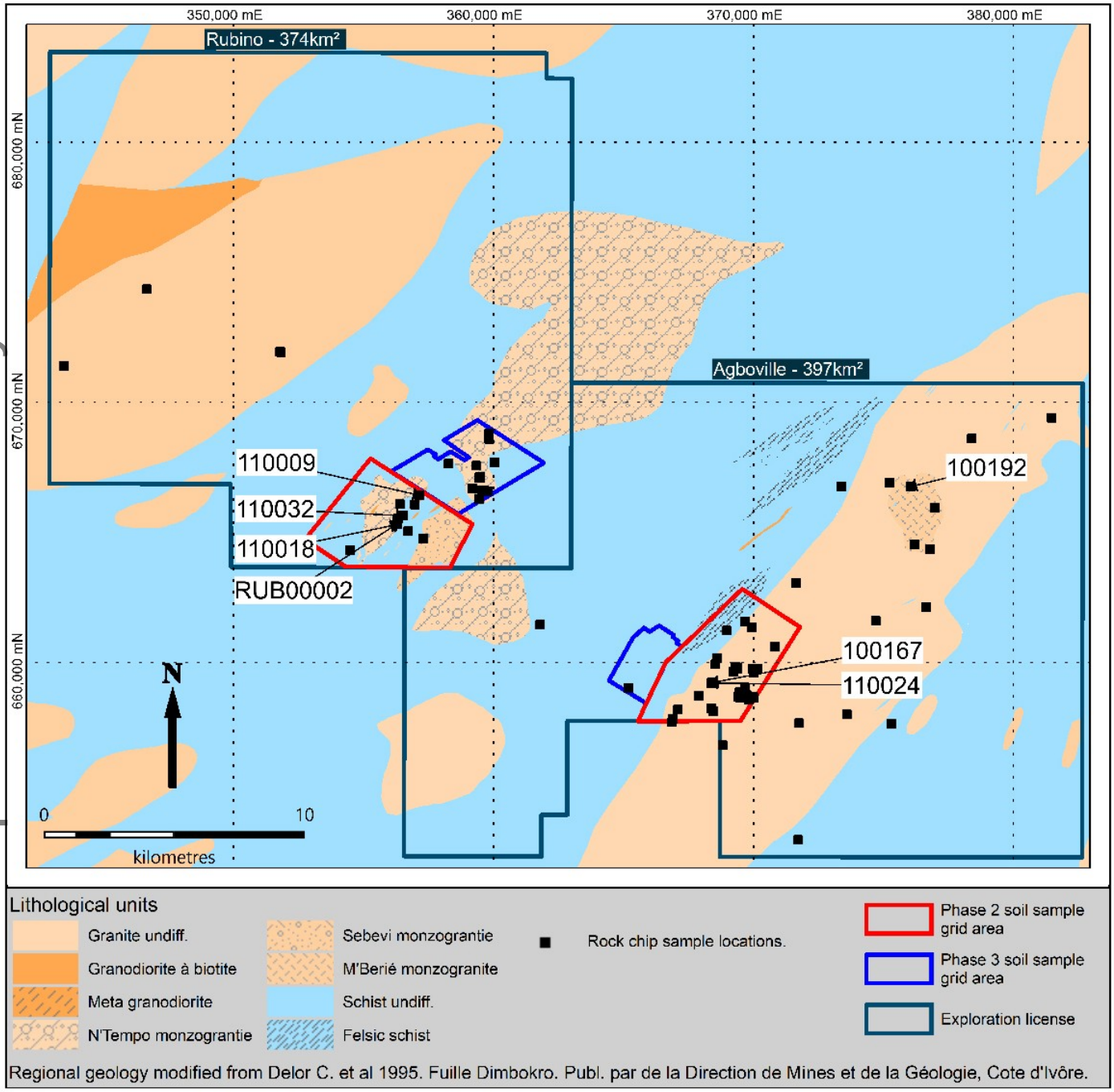
110004	Agboville	368971	661227	90.66	62.12	40.5	0.54	1.77	314.3	0.07	39.21	1.4	7.08
110005	Agboville	369935	661342	6.04	15.52	20.91	1.22	2.76	86.5	0.02	5.15	1.6	0.95
110006	Agboville	369469	658867	2.26	30.98	15.01	0.13	6.85	83.1	0.02	3.37	0.8	1.33
110007	Agboville	369467	658867	4.18	10.24	21.88	14.1	0.93	161.4	0.03	6.24	1.9	1.08
110008	Agboville	369962	658683	4.82	7.21	19.71	0.59	2.17	115.7	0.02	4.75	1.7	0.72
110009	Rubino	357144	666431	118.22	64.19	32.24	1.62	2.39	5378	1.16	92.88	0.2	60.97
110010	Rubino	356401	666077	6.67	163.52	40.69	1.37	4.14	846.4	0.18	27.23	0.8	13.83
110016	Rubino	356980	666075	16.23	383.97	161.21	0.025	8.42	506.1	0.11	103.54	1.5	46.31
110017	Rubino	356326	665522	6.25	25.64	29.96	2.64	3.05	349.3	0.08	13.07	1.1	1.79
110018	Rubino	356290	665305	128.15	92.13	20.12	2.13	3.24	1148.2	0.25	53.59	0.05	36.2
110020	Rubino	357300	664769	4.7	18.55	27.97	3.29	3.94	157.1	0.03	4.59	1.8	1.13
110021	Rubino	356317	665526	6.8	43.07	28.38	1.38	3.28	193.3	0.04	11.92	0.5	2.81
110023	Agboville	361799	661458	1.84	6.9	48.2	4.96	7.24	42	0.01	11.54	2.9	0.82
110024	Agboville	368380	659213	193.86	5388	20.69	3.94	2.26	5810	1.25	17.44	0.6	78.38
110026	Rubino	359179	666693	0.36	4.3	0.39	0.025	0.02	19.4	0	0.15	0.05	0.07
110027	Rubino	359635	666610	70.45	93.48	26.83	2.48	3.38	79	0.02	36.29	0.2	36.85
110028	Rubino	359555	666626	21.78	37.74	33.43	2.5	3.72	222.3	0.05	21.08	0.7	6.67
110029	Rubino	359440	666274	0.28	0.89	0.34	0.025	0.02	22.3	0	0.16	0.05	0.06
110030	Rubino	359803	666559	51.91	106.62	27.41	3.9	3.49	411.3	0.09	17.72	1.1	15.23
110032	Rubino	356506	665644	216.79	92.8	26.44	1.12	4.03	4556.7	0.98	53.64	0.2	31.41
110033	Rubino	359334	667561	9.22	36.51	26.75	1.79	3.09	172.6	0.04	8.07	0.5	1.78
110034	Rubino	360038	667699	2.68	0.44	21.22	2.32	0.02	109.7	0.02	0.45	0.3	0.1
110035	Rubino	359824	668783	2.22	15.2	14.01	0.025	0.89	135	0.03	14.78	0.2	6.8
110036	Rubino	359830	668790	1.29	6.61	7.03	0.025	0.44	77.4	0.02	7.09	0.2	3.38
110037	Rubino	359841	668594	0.78	10.75	4.22	0.025	0.25	84.5	0.02	4.95	0.2	2.66
110038	Rubino	359442	667108	7.57	33.86	24.94	2.02	3.26	247.5	0.05	9.84	0.4	3.01
110039	Rubino	359493	667123	151.12	120.25	28.91	2.44	4.06	127.1	0.03	34.92	0.2	42.6
110040	Rubino	359493	667128	47.9	173.2	24.34	1.67	3.62	219.5	0.05	17.28	0.5	24.24
110042	Rubino	359494	667123	7.84	40.91	22.2	0.74	4.34	110.4	0.02	7.85	0.3	2.18
110043	Rubino	359504	667106	72.97	165.88	24.88	1.28	4.94	126.3	0.03	18.26	0.2	21.29
110044	Rubino	359476	667092	155.74	111.99	28.11	2.21	4.00	218.2	0.05	91.84	0.2	65.65
110045	Agboville	365171	659018	0.8	0.21	8.26	1.17	0.03	32.9	0.01	1.83	0.6	0.19
110046	Rubino	358283	667634	0.82	5.36	4.32	0.025	0.24	59.8	0.01	4.84	0.2	2.26
110047	Rubino	359493	667114	324.04	56.58	20.21	1.22	4.14	145.5	0.03	7.31	0.2	5.25
AGB00001	Agboville	376636	662142	294.99	38.14	27.89	1.83	1.02	179	0.04	21.38	2.3	12.05
AGB00002	Agboville	374696	661594	1.31	13.89	15.93	0.58	9.61	27.2	0.01	2.76	0.7	0.41
AGB00003	Agboville	371706	653184	62.26	18.29	15.59	0.97	0.61	79.6	0.02	7.52	1	2.46
AGB00005	Agboville	371632	663055	5.33	16.24	17.7	0.9	2.94	57.6	0.01	2.32	0.4	1.13
RUB00001	Rubino	356724	665043	3.24	12.76	19.91	0.025	1.03	47.7	0.01	18.15	0.3	10.38
RUB00002	Rubino	356304	665338	133.15	90.65	26.61	3.06	3.68	3114.7	0.67	40.06	0.3	33.57
RUB00003	Rubino	354482	664322	76.68	18.01	47.92	9.02	0.28	39	0.01	117.24	1.2	88.63
RUB00005	Rubino	351792	671934	3.58	5.89	43.05	1.21	1.79	25	0.01	15.63	4.2	2.66
RUB00006	Rubino	351834	671919	3.7	9.37	38.7	1.94	1.67	34.9	0.01	19.74	4.5	4.58
RUB00008	Rubino	346664	674348	1.36	5.44	41.37	3.58	0.47	39.7	0.01	19.8	3.4	2.32
RUB00010	Rubino	343461	671407	6.51	21.91	23.42	0.75	2.86	172.7	0.04	7.46	2.4	1.35

***NOTE**: Grid references reported in projection UTM, WGS84, Zone 30N.*

For personal use only

APPENDIX 2

Geological map of the Agboville and Rubino licences with rock-chip sample locations marked. Sample IDs are given where assay values >0.2% Li_2O were returned, as reported in Table 1.



For personal use only

APPENDIX 3

Soil assay results (Li ppm > 85 ppm), sorted highest to lowest - Li values greater than 210 ppm are deemed extremely anomalous; values below 85ppm are considered background are not reported in this announcement (calculated by means of cumulative probability statistics).

Sample_ID	Easting	Northing	Li (ppm)
103288	355231	666620	806
103614	355336	665961	763
103444	355856	666572	649
103469	356629	666194	626
102790	355950	665804	598
102187	354986	665222	533
103511	355043	667334	498
103361	356434	665252	452
103619	355160	665950	450
103521	355101	667061	426
103612	355171	666062	369
102312	354343	665884	368
103276	356243	665971	365
103461	356266	666193	365
102290	355171	665232	361
102239	355293	665516	357
103593	355905	666184	351
102424	354834	663785	323
102287	355183	665342	309
103596	355103	666230	309
102218	355316	665718	306
103364	356735	666366	306
103617	355325	665841	303
103363	356265	665359	291
103459	356434	666083	284
103447	356105	666411	278
102289	355239	665176	276
103595	355182	666177	271
103362	356350	665306	268
103602	354764	666443	268
103608	354829	666280	268
103148	357184	665597	264
102281	354619	665946	263
103466	355929	666408	260
102764	355932	665576	257
102242	355131	665618	255
102149	355194	665451	254
102285	355015	665447	252
102690	355834	665516	252
102286	355101	665398	250
103460	356346	666137	250
102691	355916	665465	246
102151	355114	665508	245
103366	356821	666315	242
103516	355114	667168	242
102291	355090	665287	241
102824	356056	665853	239
103586	356722	666261	239
103616	355415	665783	239
102723	356025	665633	238
103622	354909	666114	238
103277	356159	666023	237
103558	355087	666946	236
102724	355941	665685	235
103393	356576	666588	227
103613	355256	666008	227
103452	356446	666196	220
103594	355270	666119	216
103396	356647	666422	214
103394	356657	666529	209
102580	355447	665290	207

Sample_ID	Easting	Northing	Li (ppm)
103470	356542	666251	207
103611	355086	666116	206
103583	356469	666417	205
103607	354752	666335	204
102712	355657	665515	203
103451	356360	666253	203
102711	355743	665460	201
102186	355077	665172	199
103445	355941	666520	198
102211	354894	665172	195
102212	354980	665115	193
103436	355278	666946	193
103462	356182	666249	193
103636	354664	666388	188
102213	355059	665064	187
103368	356987	666206	187
102107	354426	664994	183
103592	355990	666131	182
103359	356599	665137	180
103100	358717	664731	179
102811	356578	665633	174
103427	355918	667128	174
103448	356199	666357	174
103418	356676	666640	173
103661	355446	665912	172
103658	355198	666287	169
103279	355353	666068	168
102421	354739	663724	167
102722	356107	665577	167
102688	355665	665637	166
103356	356869	666753	166
103415	356769	666697	166
103585	356638	666313	165
103638	355211	666397	165
103581	356402	666583	164
103187	358597	665289	163
103599	354848	666389	163
103657	355115	666340	162
103355	356947	666714	161
102689	355753	665573	160
101915	353624	664207	159
102815	356220	665867	158
103357	356785	666805	158
103620	355076	666003	158
102578	355356	665227	157
103606	354425	666663	157
102184	355273	665076	156
102217	355401	665676	156
102282	354764	665614	156
102283	354848	665559	156
103457	356605	665980	156
103446	356022	666466	155
102124	354608	664998	154
102434	354933	663842	154
103449	356277	666301	151
103479	355785	666736	151
102292	355002	665338	150
103478	355869	666685	150
102829	356467	665586	149
103416	356849	666646	148
103456	356683	665928	148

For personal use only

Sample_ID	Easting	Northing	Li (ppm)
102241	355209	665564	147
103367	356904	666260	147
103391	356417	666694	146
103609	354919	666224	146
102789	356039	665743	145
103395	356745	666474	145
103618	355244	665896	145
102558	356046	665022	143
102585	355873	665020	143
103453	356531	666141	143
103454	356615	666087	143
103589	356218	666576	143
101966	354418	664053	142
102267	354524	665886	142
103584	356556	666362	142
103591	356055	666687	141
103481	355700	666793	140
103587	356390	666470	140
103398	356616	666917	139
103639	355126	666458	139
102284	354933	665507	138
103455	356700	666034	138
103508	356701	666865	138
103467	355846	666464	137
102257	355222	665675	136
102572	355862	664902	136
102676	356145	665077	136
103542	355132	666557	136
102825	356133	665803	135
102185	355159	665121	134
102768	356181	665415	133
103424	356175	666971	133
103621	354992	666059	133
103414	356687	666753	132
103471	356458	666306	132
103509	355211	667228	132
102030	353085	665030	131
102785	356377	665530	130
103299	356351	666024	130
103421	356431	666806	130
103438	355428	666849	130
103559	355004	667002	130
103605	354509	666604	130
102709	355902	665354	128
102766	356015	665523	128
102812	356490	665695	128
103429	356118	667250	128
103458	356519	666028	128
103597	355017	666283	128
102214	355141	665012	127
102692	356003	665411	127
102695	356251	665253	127
103390	356326	666754	127
103369	357067	666151	126
103603	354684	666497	126
101921	353208	664480	125
102948	358460	664061	125
103515	355028	667228	125
103579	356226	666687	125
102596	355655	664685	124
102788	356125	665687	124
103615	355508	665740	124
103645	354706	666720	124
102466	355547	664635	123
103477	355952	666630	123
103522	355023	667106	122
102029	353167	664978	121
102071	353562	665314	121

Sample_ID	Easting	Northing	Li (ppm)
102706	356157	665187	121
103417	356753	666599	121
102783	356543	665420	120
103409	356269	667031	120
103423	356258	666906	120
103506	355761	667350	120
103519	355190	667010	120
103604	354591	666552	120
101933	353718	664263	119
102536	356350	664474	119
103463	356101	666298	119
102158	355052	664951	118
103552	354824	666997	118
103623	354823	666168	118
101908	354208	663833	117
102597	355739	664632	117
103507	355845	667297	117
103641	355045	666508	117
102725	355857	665737	116
102828	356380	665638	116
103373	357407	665936	116
103431	355834	667184	116
102816	356060	665970	115
103432	355750	667236	115
103420	356509	666755	114
103439	355518	666792	114
103484	355450	666956	114
103540	354966	666664	114
102266	354605	665834	113
102707	356078	665247	113
103543	355137	666676	113
103590	356133	666634	113
103274	356408	665863	112
103372	357326	665991	112
102767	356098	665470	111
103348	357455	666373	111
103659	355281	666231	111
103426	356007	667073	110
103503	355511	667511	110
102010	354439	664274	109
103405	355923	667235	109
102464	355471	664679	108
102559	355964	665075	108
103076	356789	665979	108
103392	356491	666639	108
103475	356123	666519	108
103580	356312	666626	108
101909	354129	663881	107
102258	355303	665623	107
102753	356339	665197	107
102787	356209	665638	107
102793	355702	665961	107
103533	355935	667350	107
102238	355359	665468	106
102818	355987	666014	106
103374	357490	665883	106
103512	354958	667390	105
102410	355451	664460	104
103262	357673	665881	104
103397	356562	666465	104
103419	356590	666691	104
102817	356144	665922	103
103472	356376	666357	103
102463	355393	664735	102
103378	357828	665665	102
103428	356191	667187	102
102682	355726	665350	101
102823	355970	665913	101

For personal use only

Sample_ID	Easting	Northing	Li (ppm)
103385	355907	667015	101
103631	354330	666603	101
102622	355545	665348	100
102721	356195	665528	100
102762	355763	665680	100
103342	357970	666047	100
103371	357237	666044	100
103473	356292	666414	100
103490	355629	666960	100
103655	354944	666447	100
102523	354801	664281	99
102598	355820	664576	99
102694	356173	665300	99
103345	357716	666214	99
103407	356094	667130	99
103575	355894	666907	99
103654	354862	666497	99
103662	356516	665194	99
103298	356433	665980	98
103532	355854	667407	98
103582	356483	666530	98
102293	354919	665392	97
102710	355824	665410	97
103253	356916	666370	97
103354	357038	666642	97
103108	358910	664846	96
103293	355557	666291	96
103403	356364	667080	96
103437	355354	666900	96
103441	355602	666735	96
103468	356712	666142	96
103498	355172	667727	96
102298	354501	665664	95
103413	356592	666810	95
103502	355422	667567	95
103545	354989	666777	95
103551	354742	667049	95
101912	353876	664045	94
102154	354872	664948	94
103430	356022	667297	94
103530	355683	667516	94
103637	355291	666342	94
103644	354790	666669	94
101922	353119	664532	93
101931	353886	664153	93
102159	354967	665003	93
102648	355582	664849	93
102717	356448	665363	93
103358	356689	665089	93

Sample_ID	Easting	Northing	Li (ppm)
103412	356518	666863	93
103548	354725	666935	93
103625	354659	666271	93
102057	354139	664825	92
102384	354960	664059	92
102645	355834	664690	92
102693	356090	665352	92
102786	356287	665585	92
103646	354617	666778	92
103144	356848	665704	91
102763	355845	665630	90
102830	356556	665531	90
103297	356508	665921	90
103476	356037	666574	90
103523	354935	667163	90
103577	356061	666797	90
102161	354883	665059	89
102571	355948	664850	89
102878	357552	663939	89
103074	356879	666036	89
103343	357883	666103	89
102023	353671	664650	88
102791	355868	665851	88
103278	356076	666080	88
103505	355681	667402	88
103624	354746	666220	88
102454	355677	664906	87
103525	355263	667784	87
102028	353250	664922	86
102103	354761	664778	86
102534	355341	664296	86
102586	355957	664948	86
102677	356064	665130	86
102813	356401	665750	86
103275	356327	665917	86
103303	356086	666189	86
103381	355568	667233	86
103531	355770	667460	86
103643	354874	666616	86
102260	355030	665562	85
102311	354258	665940	85
102681	355811	665297	85
102826	356217	665753	85
102836	357025	665258	85
102871	357708	663719	85
103464	356015	666356	85

***NOTE**: Grid references reported in projection UTM, WGS84, Zone 30N.*

For personal use only

APPENDIX 4

JORC Table 1, Section 1 – Sampling Techniques and Data

Criteria	JORC Code Explanation	Commentary
Sampling techniques	• 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. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • Aspects of the determination of mineralisation that are Material to the Public Report. 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.	• Drilling is not being reported in this announcement. • Soil sampling was undertaken on 100m x 100m spaced grid using hand tools, where a 2kg sample is taken from the soil B-horizon at each sample site at a depth of approximately 30cm. Each soil sample is dry sieved to -160 micron at site, homogenised ahead of a 100g representative split being sent for analysis in individually labelled bags. • Soil geochemical analysis is undertaken at Atlantic Lithium's Mankessim facility in Ghana using SciAps Z903 LIBS (Laser induced breakdown spectroscopy) in Geochem mode with analysis undertaken on compressed pellets made from the 100g of -160 micron sieved material received. • 5% QAQC samples were inserted into the soil sample stream in the form of field duplicates, blank samples and appropriate certified reference material. • Rock-chip samples were collected during reconnaissance mapping at the discretion of the geologist, consisting of variably weathered outcrop or float. Approximately 1-2 kg of rock-chip material was sampled and submitted to Intertek Tarkwa for sample prep and forwarded to Intertek Perth for analysis using 4A-Li/MS48. • Visual estimates of spodumene have been reported for the spodumene pegmatite float samples discovered in the Rubino licence.
Drilling techniques	• 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).	• Drilling is not being reported in this announcement.
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximise sample recovery and ensure representative nature of the samples. • 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.	• Drilling is not being reported in this announcement. • Not applicable to soil sampling programmes. • Recoveries of rock-chip samples is not relevant and results are only used for reconnaissance exploration assessment and will not be used to support mineral resource estimates.
Logging	• 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 metallurgical studies. • Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. • The total length and percentage of the relevant intersections logged.	• Drilling is not being reported in this announcement. • All rock-chip samples have been lithologically logged and photographed to a suitable standard to support reconnaissance level exploration. • Visual estimates of spodumene have been reported for the spodumene pegmatite float samples discovered in the Rubino licence. The hand samples have been photographed and the modal abundance of spodumene on the surface estimated visually using a percent abundance estimation chart.

For personal use only

Criteria	JORC Code Explanation	Commentary
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. • 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. • Whether sample sizes are appropriate to the grain size of the material being sampled.	• Drilling is not being reported in this announcement. • Intertek have followed standard procedures for sample preparation to produce sub-samples for analysis. Khaleesi Resources personnel followed soil sample preparation procedures to produce a sub-sample for analysis. • Field duplicates of soil samples were collected in the field and submitted for analysis as part of QA/QC.
Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. • 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. • 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.	• CP considers laboratory procedures and assaying are appropriate for the type of samples. • Assaying of the rock-chip samples was undertaken by Intertek Perth using their 4A-Li/MS48 analysis technique. The soil samples were assayed in-house at Atlantic Lithium's Mankessim facility using SciAps Z903 LIBS (Laser induced breakdown spectroscopy) set to Geochem mode and after appropriate callibration. • Intertek reported the use of standards and blanks as part of their QA/QC during analysis. Atlantic Lithium use standards as part of their QA/QC during rock-chip analysis. • 5% of soil samples submitted by the Company were standards, blanks and field duplicates. • All QA/QC samples submitted by the Company returned results within acceptable levels of accuracy.
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	• All significant assay results reported by Intertek and Atlantic Lithium have been verified by experienced Company personnel. • All primary data has been uploaded into the Company's data storage and data entry standard procedures checked and verified by two experienced Company personnel. • No adjustments to assay data were undertaken.
Location of data points	• 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. • Specification of the grid system used. • Quality and adequacy of topographic control.	• Location of soil sampling and rock chip sampling programme is recorded by hand-held GPS devices with +/_3m accuracy and is considered suitable for reconnaissance exploration. • Co-ordinate data is recorded in WGS84 UTM Z30N.
Data spacing and distribution	• Data spacing for reporting of Exploration Results. • 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. • Whether sample compositing has been applied.	• Soil sample spacing of these results is 100 x 100m. • Not applicable due to reconnaissance nature of this sampling and results are not considered for Mineral Resource classification.
Orientation of data in relation to	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the	• Not applicable. • Drilling is not being reported in this announcement.

Criteria	JORC Code Explanation	Commentary
geological structure	extent to which this is known, considering the deposit type. • 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.	
Sample security	• The measures taken to ensure sample security.	• The sample chain of custody is managed by Khaleesi Resources and Atlantic Lithium. The samples are collected in the field by Khaleesi Resources personnel in unique number coded plastic bags and labelled polyweave sacks. All samples are delivered directly to Intertek by Khaleesi Resources personnel. Rock-chip samples are prepared by Intertek in Tarkwa and pulp is securely shipped to Perth by DHL. Soil samples are collected from Intertek Tarkwa by Atlantic Lithium personnel and delivered to the Company's Mankessim facility for analysis.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• No review of the sampling techniques has been undertaken. The soil assay data will be reviewed internally by the geological team once all the results are received.

JORC Table 1, Section 2 – Reporting of Exploration Results

Criteria	JORC Code Explanation	Commentary
Mineral tenement and land tenure status	• 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. • The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.	• PR 0694 is located in the Department of Agboville and PR 0695 is in the Departments of Agboville and Adzope, Côte d'Ivoire. All permits are owned 100% by Khaleesi Resources SARL, a wholly-owned subsidiary of Atlantic Lithium Limited. • The permits are in good standing and the Company is not aware of any existing or potential impediments which may impact ongoing exploration activities.
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	• No systematic modern exploration for lithium-caesium-tantalum pegmatites have been undertaken over the area. No records of other systematic exploration over the tenement areas have been found. • Government 1:200,000 scale geological mapping and historical mineral occurrence evaluations have been undertaken over the area at various times since the 1960s.
Geology	• Deposit type, geological setting and style of mineralisation.	• Potential for lithium-caesium-tantalum bearing pegmatite mineralisation. The area is underlain by Birimian-aged metasediments with granitic intrusives of the Eburnean orogeny which can host LCT pegmatite deposits similar to those discovered in Ghana and Mali.

Drill hole information	• 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:
	  • easting and northing of the drill hole collar
	  • elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar
	  • dip and azimuth of the hole
	  • down hole length and interception depth
		• No drilling is being reported.

For personal use only

For personal use only

Criteria	JORC Code Explanation	Commentary
	• hole length • 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.	
Data aggregation methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. • 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. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	• Not applicable.
Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	• Not applicable.
Diagrams	• 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.	• Maps are included in the body of the announcement.
Balanced Reporting	• 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. • 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.	• All meaningful exploration data has been included in the body of this announcement.

Other substantive exploration data	• 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 grid heat map was created using:
		  • MapInfo Discover (Version 2023, Release Build 142) Heatmap
		  • Heatmap settings: Style set at standard; area of influence set to 0
		  • Grid cell size 25m x 25m

Further work	• The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large- scale step-out drilling). • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• The Company is planning further mapping and soil geochemical sampling programmes to further assess the potential for lithium-bearing pegmatites within the licences. Auger drilling will be used to define pegmatite targets below laterite cover.