

Four Kilometers of Mineralization Confirmed at the Piedmont Lithium Project

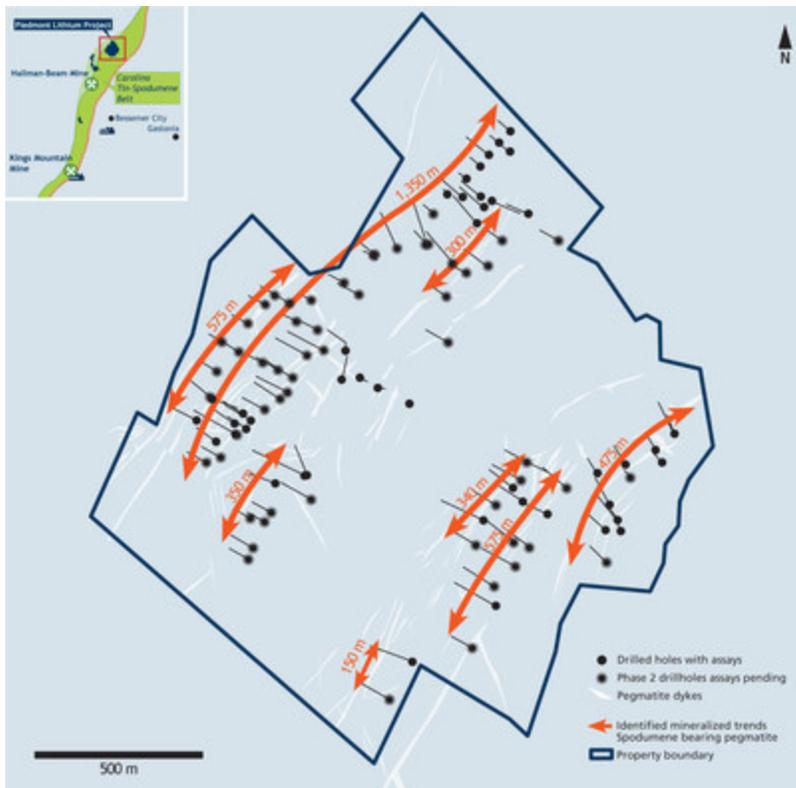
NEW YORK, Sept. 26, 2017 /PRNewswire/ --

- Assay results from the first 26 holes of the Phase 2 drill program together with visual analysis of the remaining Phase 2 drilling has confirmed 8 mineralized trends totaling ~4 kilometers of strike length.
- The mineralized trends consist of one or more spodumene bearing pegmatite dykes ranging up to 16 meters in drill thickness, with results confirming high grade lithium mineralization including:
 - **21.3m** of cumulative thickness of mineralization across 4 pegmatites which includes high grade zones of **6.7m @ 1.32% Li₂O**, **4.5m @ 1.24% Li₂O** and **1.5m @ 1.52% Li₂O** in Hole 17-BD-57
 - **20.6m** of cumulative thickness of mineralization across 3 pegmatites which includes high grade zones of **11.3m @ 1.43% Li₂O** and **2.8m @ 1.35% Li₂O** in Hole 17-BD-50
 - **20.4m** of cumulative thickness of mineralization across 4 pegmatites which includes high grade zones of **5.5m @ 1.39% Li₂O**, **2.9m @ 1.18% Li₂O** and **10.5m @ 1.06% Li₂O** in Hole 17-BD-53
 - **18.9m** of cumulative thickness of mineralization across 5 pegmatites which includes high grade zones of **3.6m @ 1.63% Li₂O** and **7.3m @ 1.41% Li₂O** in Hole 17-BD-48
 - **17.6m** of cumulative thickness of mineralization across 2 pegmatites which includes a high grade zone of **16.2m @ 1.72% Li₂O** in Hole 17-BD-62
- Exploratory drilling to-date has only tested the shallow potential of the Project's pegmatite trends, with all corridors remaining open along strike and down dip
- Given the outstanding potential demonstrated by the initial results Piedmont has decided to extend Phase 2 drilling by an additional 3,000 meters
- Piedmont anticipates receiving assay results for the remaining ~65 holes of the extended Phase 2 program over the next several weeks
- Given the scale of the mineralization on the property and the additional drilling required to test the potential, the Company now intends to release an Exploration Target in December 2017 followed by a maiden Mineral Resource in early-2018
- The extent of the mineralization demonstrated by the drilling completed to-date, combined with the Project's exceptional location within the cradle of the US lithium sector, underscores the strategic significance of the Piedmont Lithium Project

Keith D. Phillips, President and Chief Executive Officer, said, "These initial Phase 2 results are highly encouraging. We continue to be surprised by the sheer extent of the mineralisation and are excited to begin testing the deposit at depth. The Project is clearly larger than we had first envisioned and it is important that we do the work to properly

evaluate the scale of the resource. Our Phase 1 drill program identified four potential corridors of mineralization and our Phase 2 program has in fact defined abundant high-grade mineralization in each corridor. We look forward to releasing the remaining results of our Phase 2 drilling campaign over the coming weeks."

"We have established relationships with the leading technical and marketing consultants in the Lithium sector and intend to accelerate our feasibility studies with regards to metallurgical, mine development and off-take plans in the near future."



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Piedmont Lithium Limited ("Piedmont" or "Company") is pleased to advise that approximately 4 kilometers of total strike length over eight (8) spodumene bearing mineralized trends have been identified within the Piedmont Lithium Project ("**Project**") with all pegmatite trends remaining open along strike and down dip.

The initial 9,400 meter drilling which was planned for the Phase 2 campaign is now complete and was finished on-time and under-budget. Due to the success of this campaign, the Company has decided to continue the Phase 2 drilling program for a further 3,000 meters which will test the known mineralisation both along strike and importantly down dip.

Initial Phase 2 Results and Discussion

The initial assay results for the first 26 holes of the Phase 2 campaign have been received and continue to show high grade mineralisation across significant, mineable widths. Drill hole details and weighted-composite assay intercepts are attached as Appendix 1. The Company is extremely encouraged by the visual observations of mineralisation in the outstanding holes and expects to receive additional assays over the coming weeks.

The first Phase 2 drill holes were focused on the B, F and G corridors identified from the Phase 1 campaign. The cross-section below illustrates significant results from the G Corridor to date, from the Phase 2 Campaign.

High grade results from the **B Corridor** included:

- **18.87m** of cumulative drill thickness of mineralization across 5 pegmatites which includes high grade zones of **3.65m @ 1.63% Li₂O** and **7.28m @ 1.41% Li₂O** in Hole **17-BD-48**
- **16.49m** of cumulative drill thickness of mineralization across 5 pegmatites which includes high grade zones of **1.59m @ 2.12% Li₂O**, **1.28m @ 2.45% Li₂O** and **10.76m @ 1.02% Li₂O** in Hole **17-BD-52**
- **17.62m** of cumulative drill thickness of mineralization across 2 pegmatites which includes high grade zones of **16.18m @ 1.72% Li₂O** in Hole **17-BD-62**

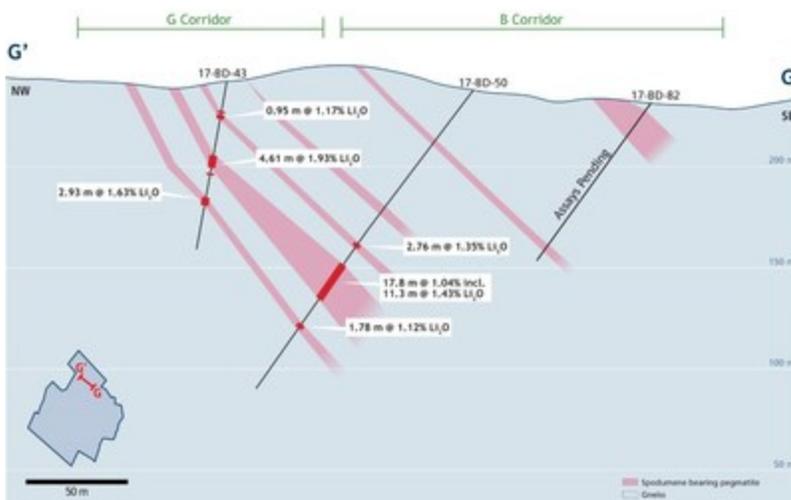
High grade results from the **F Corridor** included:

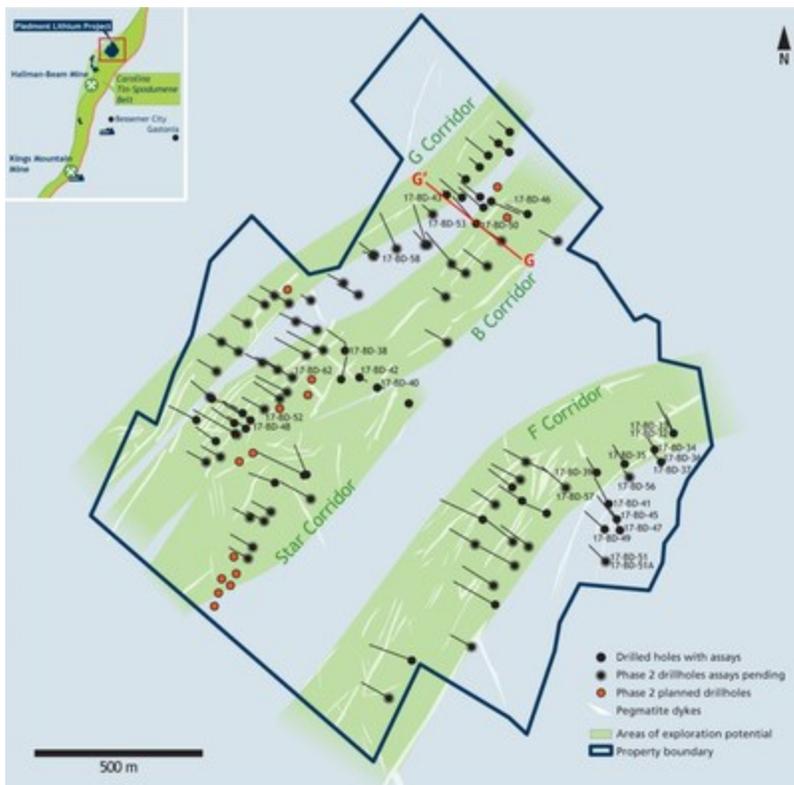
- **10.81m** of cumulative drill thickness of mineralization across 4 pegmatites which includes high grade zones of **3.25m @ 1.82% Li₂O** and **1.46m @ 1.9% Li₂O** in Hole **17-BD-41**
- **9.49m** of cumulative drill thickness of mineralization across 4 pegmatites which includes high grade zones of **3.09m @ 1.45% Li₂O** and **3.72m @ 1.45% Li₂O** in Hole **17-BD-49**
- **21.31m** of cumulative drill thickness of mineralization across 4 pegmatites which includes high grade zones of **6.71m @ 1.32% Li₂O**, **4.48m @ 1.24% Li₂O** and **1.5m**

@ 1.52% Li₂O n Hole 17-BD-57

High grade results from the **G Corridor** included:

- **20.56m** of cumulative drill thickness of mineralization across 3 pegmatites which includes high grade zones of **11.3m @ 1.43% Li₂O** and **2.76m @ 1.35% Li₂O** in Hole **17-BD-50**
- **20.35m** of cumulative drill thickness of mineralization across 4 pegmatites which includes high grade zones of **5.49m @ 1.39% Li₂O**, **2.92m @ 1.18% Li₂O** and **10.45 @ 1.06% Li₂O** in Hole **17-BD-53**
- **17.4m** of cumulative drill thickness of mineralization across 5 pegmatites which includes high grade zones of **3.94m @ 1.55% Li₂O** and **1.06 @ 1.58% Li₂O** and **2.21m @ 1.5% Li₂O** in Hole **17-BD-58**





Phase 2 Extension Drilling and Maiden Resource Estimation

Following the Company's enhanced understanding of the high-grade mineralization potential at the Project, Piedmont, in consultation with our technical consultants who are leaders in the lithium sector, has opted for an increased and wider spaced Phase 2 drilling program.

The Company has now completed the 9,400 meters which was initially budgeted for the Phase 2 campaign and due to the extremely encouraging results, the Company will extend the Phase 2 drilling campaign for a further 3,000m to further test the mineralisation along strike (in the Star Corridor) and down dip (in the B and G Corridor).

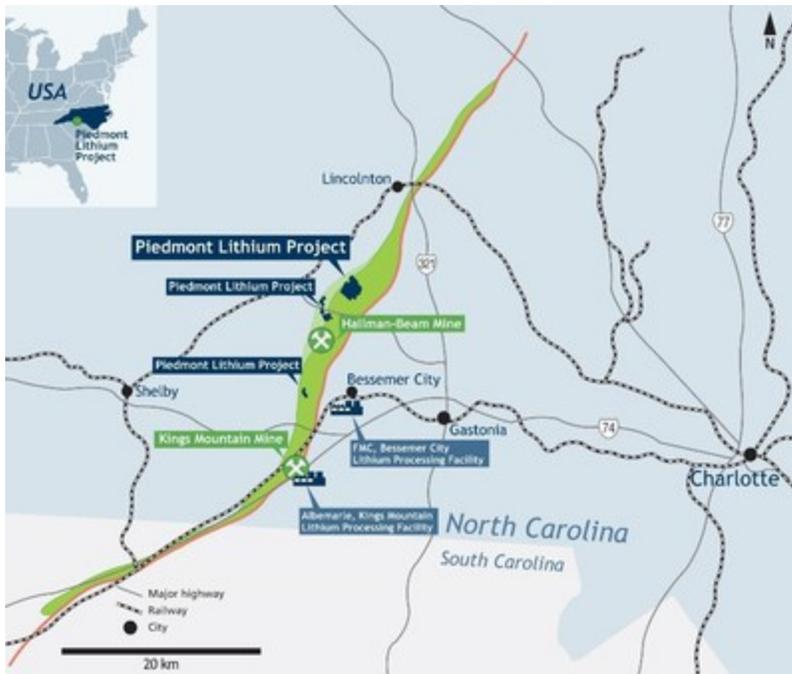
Systematic 40 to 80 meter "step-outs" during the Phase 2 drill program have allowed Piedmont to identify eight (8) significant spodumene bearing pegmatites dikes or dike swarms totalling approximately 4 kilometers in strike length. These eight pegmatite trends consist of one to multiple spodumene bearing dikes with drill thickness ranging up to 16 meters. In general, the Phase 2 drilling has only tested the pegmatites to a vertical depth of 100 meters. A key focus of the additional 3,000 meter Phase 2 drilling extensions will go towards testing the downdip extensions in the "B" and "G" corridors while continuing to test along strike in the Star corridor. Note that several other highly prospective areas within the Project remain untested.

Given the scale of the mineralization on the property and the additional drilling required to test the potential, the Company now intends to release an Exploration Target in December 2017 followed by a maiden Mineral Resource estimate in early-2018.

About Piedmont Lithium

Piedmont Lithium Ltd (ASX: PLL) holds a 100% interest in the Piedmont Lithium Project (the

"Project") which is located within the world-class Carolina Tin-Spodumene Belt ("**TSB**"), and along trend to the Hallman Beam and Kings Mountain mines, historically providing most of the western world's lithium from the 1950s to the 1990s. The TSB is one of the premier localities in the world to be exploring for lithium pegmatites given its history of lithium bearing spodumene mining, favourable geology and ideal location with easy access to infrastructure, power, R&D centres for lithium and battery storage, major high-tech population centres and downstream lithium processing facilities.





The TSB has previously been described as one of the largest lithium provinces in the world and is located approximately 40 kilometers west of Charlotte, North Carolina, United States. The TSB was the most important lithium producing region in the western world prior to the establishment of the brine operations in Chile in the late 1990's. The TSB extends over approximately 60 kilometers in length and reaches a maximum width of approximately 1.6 kilometers.

The Project was originally explored by Lithium Corporation of America which eventually was acquired by FMC Corporation ("**FMC**"). FMC and Albemarle Corporation ("**Albemarle**") both historically mined the lithium bearing spodumene pegmatites from the TSB with the historic Kings Mountain lithium mine being described as one of the richest spodumene deposits in the world by Albemarle. These two mines and their respective metallurgy also formed the basis for the design of the two lithium processing facilities in the region which were the first modern spodumene processing facilities in the western world.

Albemarle and FMC continue to operate these important lithium processing facilities with FMC's Bessemer City lithium processing facility being approximately 14 kilometers from the Project whilst Albemarle's Kings Mountain lithium processing facility is approximately 17 kilometers from the Project.

The Company is in a unique position to leverage its position as a first mover in restarting exploration in this historic lithium producing region with the aim of developing a strategic, U.S. domestic source of lithium to supply the increasing electric vehicle and battery storage markets.

Forward Looking Statements

This announcement may include forward-looking statements. These forward-looking statements are based on Piedmont's expectations and beliefs concerning future events. Forward looking statements are necessarily subject to risks, uncertainties and other factors, many of which are outside the control of Piedmont, which could cause actual results to differ materially from such statements. Piedmont makes no undertaking to subsequently update or revise the forward-looking statements made in this announcement, to reflect the circumstances or events after the date of that announcement.

Competent Persons Statement

The information in this announcement that relates to Exploration Results is based on, and fairly represents, information compiled or reviewed by Mr Lamont Leatherman, a Competent Person who is a Registered Member of the 'Society for Mining, Metallurgy and Exploration', a 'Recognised Professional Organisation' (RPO). Mr Leatherman is a consultant to the Company. Mr Leatherman has sufficient experience that is relevant to the style of mineralization and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Leatherman consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

APPENDIX 1: SUMMARY OF CORE DRILL HOLE INTERSECTIONS

Hole ID	Easting	Northing	Elev. (m)	Az. (°)	Dip (°)	Depth (m)	From (m)	To (m)	Intercept (m)	
17-BD-32	474720.173916070.05254.7325-68		152.8							
							38.94	43.85	4.91	
							<i>including</i>	39.46	41.13	1.67
17-BD-33	474719.433916070.88255.4325-45		143.26				34.55	37.76	3.21	
	474663.683916021.09253.3325-55		76.3				3.41	7.62	4.21	
17-BD-34							<i>including</i>	3.41	6.35	2.94
							<i>and</i>	33.33	36.21	2.88
17-BD-35	474574.843915976.55256.1325-55		120.3				<i>No significant intercepts</i>			
17-BD-36	474683.023915983.90251.1323-60		91.44				<i>No significant intercepts</i>			
17-BD-37	474682.403915983.57250.7322-86		95.71				<i>No significant intercepts</i>			
17-BD-38	473745.903916315.20255.8304-52		145.29				55.5	57.6	2.1	
17-BD-39	474490.403915950.60260.5332-58.2120.4						<i>No significant intercepts</i>			

17-BD-40	473837.103916202.80259.8116-75.577.88		<i>No significant intercepts</i>			
	474525.603915858.60259.1323-56	167.9	11.8	13.72	1.92	
			<i>and</i>	28.15	31.4	3.25
17-BD-41			<i>and</i>	96.45	100.63	4.18
			<i>and</i>	108.72	110.18	1.46
	473788.403916235.90256.4120-77	76.2	21.34	22.86	1.52	
17-BD-42			<i>and</i>	31.23	31.86	0.63
			<i>and</i>	51.07	51.09	0.83
	474045.303916777.30239.9327-79	82.38	16.19	17.14	0.95	
17-BD-43			<i>and</i>	35.77	40.38	4.61
			<i>and</i>	56.31	59.25	2.94
17-BD-44	473733.703916230.60248.612	-56 120.4	<i>assays pending</i>			
	474549.203915812.10254.2321-55	152.7	15.6	18.89	3.29	
17-BD-45			<i>and</i>	62.35	72.35	10
17-BD-46	474153.903916739.60243.3309-55	168.5	<i>assays pending</i>			
	474558.103915779.10259.7328-57	131.1	23.28	24.59	1.31	
17-BD-47			<i>and</i>	37.69	38.62	0.93
			<i>and</i>	98.89	105.17	6.66

	473461.403916107.80247.0300-53	130.25	21.55	25.2	3.65	
			<i>and</i>	31.94	35.42	3.48
17-BD-48			<i>and</i>	53.87	55.93	2.06
			<i>and</i>	59.49	65.68	7.28
			<i>and</i>	71.23	73.43	2.2
	474514.903915782.70261.5311-55.5137.2			25.32	28.41	3.09
			<i>and</i>	34.53	35.85	3.72
17-BD-49			<i>and</i>	69.15	70.35	1.2
			<i>and</i>	117.06	118.54	1.48
	474132.203916691.80280.0310-55	182		93.7	96.46	2.76
			<i>and</i>	107.3	125.1	17.8
17-BD-50			<i>including</i>	107.3	118.6	11.3
			<i>and</i>	143.86	145.64	1.78
17-BD-51	474519.973915684.80261.0300-55	20.7		<i>No significant intercepts (hole</i>		
	474519.853915683.90261.0307-58	164.6		61.21	67.66	6.45
17-BD-51A			<i>including</i>	61.21	66.21	5
			<i>and</i>	127.26	131.07	3.81

Hole ID	Easting	Northing	Elev. (m)	Az. Dip (°) (°)	Depth (m)	From (m)	To (m)	Intercept (m)	Li ₂ O (%)	
17-BD-52	473502.933916138.95236.5297-53				129.5	21.08	22.05	0.97	1.48	
						<i>and</i>	44.96	46.55	1.59	2.12
						<i>and</i>	55.64	56.93	1.28	2.45
						<i>and</i>	77.83	79.72	1.89	0.84
						<i>and</i>	93.51	104.27	10.76	1.02
						<i>including</i>	93.51	96.49	2.98	2
17-BD-53	474008.703916719.80238.5309-69				123	56.11	66.56	10.45	1.06	
						<i>and</i>	69.27	74.76	5.49	1.39
						<i>and</i>	90.69	92.18	1.49	1.17
						<i>and</i>	114	116.92	2.92	1.18
17-BD-54	473986.603916631.20251.2335-44.7177								<i>assays pending</i>	
17-BD-55	473547.403916170.40240.4302-56				163				<i>assays pending</i>	
17-BD-56	474586.023915937.60256.3308-70				108.2	28.48	35.11	6.63	1.13	
17-BD-57	474399.403915904.80263.1310-57				168	42.67	51.29	8.62	0.73	
						<i>including</i>	42.67	48.17	5.5	0.96
						<i>and</i>	87.32	91.8	4.48	1.24

		<i>and</i>	100.5	102	1.5	1.52
		<i>and</i>	150.77	157.486	71	1.32
473894.103916618.90253.8335-43	159		23.83	26.39	1.86	1.14
		<i>and</i>	71.06	79.72	8.66	1.11
		<i>including</i>	71.06	75	3.94	1.55
17-BD-58		<i>and</i>	119.2	121.412	21	1.5
		<i>and</i>	133.82	134.881	106	1.58
		<i>and</i>	140.9	144.513	61	0.79
17-BD-59	473573.613916192.80247.9294-53	180	<i>assays pending</i>			
17-BD-60	474189.803915853.60254.9300-56	156.06	<i>assays pending</i>			
17-BD-61	473837.403916595.20262.0294-59	81	<i>assays pending</i>			
	473586.913916235.50254.3299-56	181.36	37.44	38.88	1.44	0.89
17-BD-62			<i>and</i>	109.07	125.2516	1.18
						1.72

APPENDIX 2 – JORC TABLE 1 CHECKLIST OF ASSESSMENT AND REPORTING CRITERIA

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
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> *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole 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 (e.g. '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*

All results reported are from diamond core samples. The core was sawn at an orientation not influenced by the distribution of mineralization within the drill core (i.e. bisecting mineralized veins, or cut perpendicular to a fabric in the rock that is independent of mineralization, such as foliation). Diamond drilling provided continuous core which allowed continuous sampling of mineralized zones. The core sample intervals were a minimum of 0.35m and a maximum of 1.5m for HQ or NQ drill core (except in saprolitic areas of poor recovery where sample intervals may exceed 1.5m in length), and took into account lithological boundaries (i.e. sample was to, and not across, major contacts).

Standards and blanks were inserted into the sample stream to assess the accuracy, precision and methodology of the external laboratories used. In addition, field duplicate samples were inserted to assess the variability of the mineralisation., The laboratories undertake their own duplicate sampling as part of their internal QA/QC processes. Examination of the QA/QC sample data indicates satisfactory performance of field sampling protocols and assay laboratories providing acceptable levels of precision and accuracy.

Sampling techniques

problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.

Drilling techniques

> Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).

All diamond drill holes were collared with HQ and were transitioned to NQ once non-weathered and unoxidized bedrock was encountered. Drill core was recovered from surface.

Oriented core was collected on select drill holes using the REFLEX ACT III tool by a qualified geologist at the drill rig. The orientation data is currently being evaluated.

The core was transported from the drill site to the logging facility in covered boxes with the utmost care. Once at the logging facility, the following procedures were carried out on the core:

> *Method of recording and assessing core and chip sample recoveries and results assessed.*

1. Re-aligning the broken core in its original position as closely as possible.
2. The length of recovered core was measured and meter marks clearly placed on the core to indicate depth to the nearest centimetre.

> *Measures taken to maximise sample recovery and ensure representative nature of the samples.*

3. The length of core recovered was used to determine the core recovery, which is the length of core recovered divided by the interval drilled (as indicated by the footage marks which was converted to meter marks), expressed as a percentage. This data was recorded in the database. The core was photographed wet before logged.

Drill sample recovery

> *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.*

4. The core was photographed again immediately before sampling with the sample numbers visible.

Sample recovery was consistently good except for zones within the oxidized clay and saprolite zones. These zones were generally within the top 20m of the hole. No relationship is recognized between recovery and grade. The drill holes were designed to intersect the targeted pegmatite below the oxidized zone.

	<p>> <i>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.</i></p>	<p>Geologically, data was collected in detail, sufficient to aid in Mineral Resource estimation.</p> <p>Core logging consisted of marking the core, describing lithologies, geologic features, percentage of spodumene and structural features measured to core axis.</p>
<p>Logging</p>	<p>> <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i></p>	<p>The core was photographed wet before logging and again immediately before sampling with the sample numbers visible.</p>
	<p>> <i>The total length and percentage of the relevant intersections logged.</i></p>	<p>All the core from the twenty-six holes reported was logged.</p>
		<p>Core was cut in half with a diamond saw.</p>
	<p>> <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></p>	<p>Standard sample intervals were a minimum of 0.35m and a maximum of 1.5m for HQ or NQ drill core, taking into account lithological boundaries (i.e. sample to, and not across, major contacts).</p>
	<p>> <i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i></p>	<p>The preparation code is CRU21 (crush to 75% of sample <2mm) and PUL45 (pulverize 250g to 85% <75 microns).</p>
	<p>> <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></p>	<p>A CRM or coarse blank was included at the rate of one for every 20 drill core samples (i.e. 5%).</p>

Sub-sampling techniques and procedures adopted for sample preparation > *Quality control 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.*

Sampling precision is monitored by selecting a sample interval likely to be mineralized and splitting the sample into two ¼ core duplicate samples over the same sample interval. These samples are consecutively numbered after the primary sample and recorded in the sample database as "field duplicates" and the primary sample number recorded. Field duplicates were collected at the rate of 1 in 20 samples when sampling mineralized drill core intervals

Samples were numbered sequentially with no duplicates and no missing numbers. Triple tag books using 9-digit numbers were used, with one tag inserted into the sample bag and one tag stapled or otherwise affixed into the core tray at the interval the sample was collected. Samples were placed inside pre-numbered sample bags with numbers coinciding to the sample tag. Quality control (QC) samples, consisting of certified reference materials (CRMs), were given sample numbers within the sample stream so that they are masked from the laboratory after sample preparation and to avoid any duplication of sample numbers.

All samples from the Phase II drilling were shipped to the SGS laboratory in Lakefield, Ontario.

The preparation code was CRU21 (crush to 75% of sample <2mm) and PUL45 (pulverize 250g to 85% <75 microns).

The analyses code was GE ICM40B (multi-acid digestion with either an ICP-ES or ICP-MS finish), which has a range for Li of 1 to 10,000 (1%) ppm Li.

The over-range method code for Li >5,000 ppm is GE ICP90A, which uses a peroxide fusion with an ICP finish, and has lower and upper detection limits of 0.001 and 5% respectively.

Starting in August, samples were switched to being analysed using GE ICP90A Li only and then to GE ICP91A Li only.

Bulk Densities are collected from each drill hole (one host rock and one mineralized rock) using analyses code GPHY04V.

Phase I samples were shipped to the Bureau Veritas minerals laboratory in Reno, Nevada.

The preparation code was PRP70-250 (crush to 70% of sample <2mm, pulverize 250g to 85% <75 microns).

The analysis code was MA270 (multi-acid digestion with either an ICP-ES or ICP-MS finish), which has a range for Li of 0.5 to 10,000 ppm (1%) Li. This digestion provides only partial analyses for many elements in refractory minerals, including Ta and Nb. It does not include analyses for Cs.

> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.

The over-range method code for Li > 10,000 ppm is PF370, which uses a peroxide fusion with an ICP-ES finish, and has lower and upper detection limits of 0.001 and 50%, respectively. The laboratory was instructed to implement the over-range method in all samples that exceed 5,000 ppm Li to allow for poor data precision near the upper limit of detection using MA270.

> For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model,

Historical samples (holes 09-BD-01 through 10-BD-19) were submitted to ALS Vancouver for analysis.

Quality of

assay data and

Accuracy monitoring was achieved through submission and monitoring of certified reference materials (CRMs).

laboratory tests reading times, calibrations factors applied and their derivation, etc.

Sample numbering and the inclusion of CRMs was the responsibility of the project geologist submitting the samples. A CRM or coarse blank was included at the rate of one for every 20 drill core samples (i.e. 5%).

> Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.

The CRMs used for this program were supplied by Geostats Pty Ltd of Perth, Western Australia. Details of the CRMs are provided below. A sequence of these CRMs covering a range in Li values and, including blanks, were submitted to the laboratory along with all dispatched samples so as to ensure each run of 100 samples contains the full range of control materials. The CRMs were submitted as "blind" control samples not identifiable by the laboratory.

Details of CRMs used in the drill program (all values ppm):

CRM	Manufacturer	Lithium	1 Std Dev
GTA-01	Geostats	3132	129
GTA-02	Geostats	1715	64
GTA-03	Geostats	7782	175
GTA-04	Geostats	9275	213
GTA-06	Geostats	7843	126

Sampling precision was monitored by selecting a sample interval likely to be mineralized and splitting the sample into two ¼ core duplicate samples over the same sample interval. These samples were consecutively numbered after the primary sample and recorded in the sample database as "field duplicates" and the primary sample number recorded. Field duplicates were collected at the rate of 1 in 20 samples when sampling mineralized drill core intervals. Random sampling precision was monitored by splitting samples at the sample crushing stage (coarse crush duplicate) and at the final sub-sampling stage for analysis (pulp

duplicates). The coarse, jaw-crushed, reject material was split into two preparation duplicates, sometimes referred to as second cuts, crusher or preparation duplicates, which were then pulverized and analysed separately. These duplicate samples were selected randomly by the laboratory. Analytical precision was also monitored using pulp duplicates, sometimes referred to as replicates or repeats. Data from all three types of duplicate analyses was used to constrain sampling variance at different stages of the sampling and preparation process.

Examination of the QA/QC sample data indicates satisfactory performance of field sampling protocols and assay laboratories providing acceptable levels of precision and accuracy.

> *The verification of significant intersections by either independent or alternative company personnel.* Multiple representatives of Piedmont Lithium, Inc. have inspected and verified the results.

> *The use of twinned holes.*

CSA has conducted two site visits. Dennis Arne (Managing Director -Principal Consultant) toured the site, facilities and reviewed core logging and sampling workflow as well as Leon McGarry (Senior Resource Geologist). Each provided comments on how to improve our methods and have been addressed. Verification core samples were collected by Leon McGarry with assays pending.

Verification of sampling and assaying

> *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*

No holes were twinned.

> *Discuss any adjustment to assay data.*

Ten-foot rods and core barrels were used, the core was converted from feet to meters. Li% was converted to Li₂O by multiplying Li% by 2.153.

<i>Location of data points</i>	<p>> <i>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.</i></p>	<p>Drill collars were located with the Trimble Geo 7 which resulted in accuracies <1m.</p> <p>All coordinates were collected in State Plane and re-projected to Nad83 zone17 in which they are reported.</p>
	<p>> <i>Specification of the grid system used.</i></p>	<p>Drill hole surveying was performed on each hole using a REFLEX EZ-Trac multi-shot instrument. Readings were taken approx. every 15 meters (50 feet) and recorded depth, azimuth, and inclination.</p>
	<p>> <i>Quality and adequacy of topographic control.</i></p>	
<i>Data spacing and distribution</i>	<p>> <i>Data spacing for reporting of Exploration Results.</i></p>	
	<p>> <i>Whether the data spacing and distribution is sufficient to establish the degree of geological</i></p>	<p>For selected areas, the drill spacing is approximately 40 to 80 m along strike and down dip. This spacing is sufficient to establish continuity in geology and grade for this pegmatite system.</p>
	<p><i>and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></p>	<p>Composite samples are reported in Li₂O%, this is calculated by multiplying drill length by Li₂O for each sample; then the weighted averages for multiple samples are totalled and divided by the total drill length for the selected samples</p>
	<p>> <i>Whether sample compositing has been applied.</i></p>	

> Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.

Orientation of data in relation to geological structure

> 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.

The pegmatite dikes targeted trend northeast and dip to the southeast, drillholes were designed, oriented to the northwest with inclinations ranging from -45 to -80 degrees, to best intersect the tabular pegmatite bodies as close to perpendicularly as possible.

Sample security

> The measures taken to ensure sample security.

Drill core samples were shipped directly from the field by the project geologist in sealed rice bags or similar containers using a reputable transport company with shipment tracking capability so that a chain of custody can be maintained. Each bag was sealed with a security strap with a unique security number. The containers were locked in a shed if they were stored overnight at any point during transit, including at the drill site prior to shipping. The laboratory confirmed the integrity of the rice bag seals upon receipt

Audits or reviews

> *The results of any audits or reviews of sampling techniques and data.*

CSA Global developed a "Standard Operating Procedures" manual in preparation for the drilling program. CSA global reviews all logging and assay data, as well as merges all data in to database that is held off site.

CSA has conducted two site visits. Dennis Arne (Managing Director -Principal Consultant) toured the site and facilities as well as Leon McGarry (Senior Resource Geologist). Each provided comments on how to improve our methods and have been addressed. Verification core samples were collected by Leon McGarry with assays pending.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
<p><i>Mineral tenement and land tenure status</i></p>	<p>> <i>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.</i></p> <p>> <i>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.</i></p>	<p>Piedmont, through its 100% ownership has entered into exclusive option which upon exercise, allows the (lease) approximately 715 acre mineral rights from the local land.</p> <p>There are no known historical located within the Project area obtaining a licence to operate</p>
<p><i>Exploration done by other parties</i></p>	<p>> <i>Acknowledgment and appraisal of exploration by other parties.</i></p>	<p>The Project is focused over area dating back to the 1950's when Corporation of America which Corporation. Most recently, North Arrow conducted ground magnetic survey and 19 holes. Piedmont Lithium, Inc data.</p>

<p>Geology</p>	<p>> <i>Deposit type, geological setting and style of mineralisation.</i></p>	<p>Spodumene pegmatites, located between the inner Piedmont a mineralization is thought to be swarms extending from the Cf further from their sources, they incompatible elements such as be unzoned.</p>
<p>Drill hole Information</p>	<p>> <i>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:</i></p> <p>> <i>easting and northing of the drill hole collar</i></p> <p>> <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></p> <p>> <i>dip and azimuth of the hole</i></p> <p>> <i>down hole length and interception depth</i></p> <p>> <i>hole length.</i></p> <p>> <i>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.</i></p>	<p>Details of all reported drill hole</p>

<p><i>Data aggregation methods</i></p>	<p>> <i>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.</i></p> <p>> <i>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.</i></p> <p>> <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></p>	<p>Weighted averaging was used reported. Composites were re additional high grade sub inter In the case where thin wall roc Li₂O was used in the weightec Li% was converted to Li₂O% t</p>
<p><i>Relationship between mineralisation widths and intercept lengths</i></p>	<p>> <i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p>> <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></p> <p>> <i>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').</i></p>	<p>Drill intercepts are reported as thickness. The pegmatites tar moderately to the southeast. , with inclinations ranging betwe</p>
<p><i>Diagrams</i></p>	<p>> <i>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.</i></p>	<p>Appropriate diagrams, includir included in the main body of th</p>

<p><i>Balanced reporting</i></p>	<p>> <i>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.</i></p>	<p>All of the relevant exploration (available at this time has been</p>
<p><i>Other substantive exploration data</i></p>	<p>> <i>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.</i></p>	<p>Eleven thin section samples w Petrographic for preparation, r Petrographic report identifies t plagioclase (albite), clinopyrox mica. Variable amounts of alt samples. One sample of the f a metadiorite.</p> <p>Thirteen samples from the Ph: Quantitative XRD (ME-LR-MIN Services. Within all thirteen s: Spodumene ranged between ! of the pegmatite was identified and muscovite.</p> <p>Bulk Densities are collected fr host rock and one mineralized</p> <p>Composite samples of ore inte been submitted to North Carol bench scale spodumene conc</p>
<p><i>Further work</i></p>	<p>> <i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></p> <p>> <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></p>	<p>The Phase 2 drilling program (positive results the program h: 3000m. These additional met: and down-dip extensions in th</p>

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SOURCE Piedmont Lithium

