

USA's Only Conventional Lithium Project

Corporate Presentation – May 2019



ASX: PLL NASDAQ: PLL

ABN 50 002 664 495

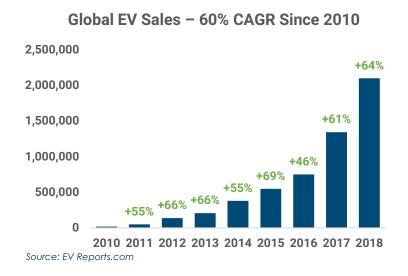


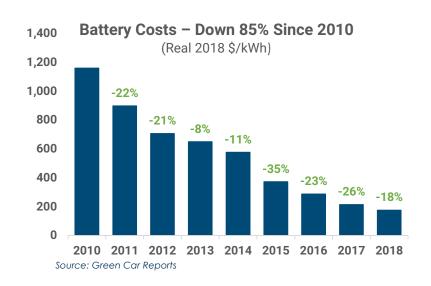
USA's Only Conventional Lithium Project

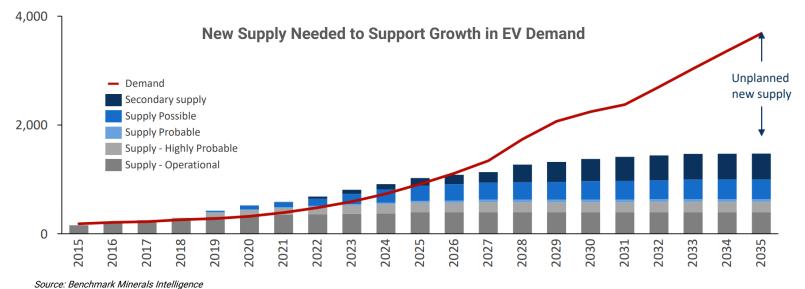
INTEGRATED BUSINESS	 Integrated spodumene-to-hydroxide business model One of four such large projects globally
IDEAL LOCATION	 Abundant infrastructure and lithium talent pool 50+ years of lithium processing in North Carolina
LOW COSTS	 1st quartile operating costs US\$888mm NPV on initial 13-year mine life
VAST GROWTH POTENTIAL	 Phase 4 drilling underway; resource update in June 2019 Continued land consolidation will drive resource scale
NEAR-TERM CATALYSTS	 Next 90 days – Resource, Metallurgy and Scoping updates Next 6 months – Offtake, Permits and Feasibility Study
VALUATION UPSIDE	 Trading at <10% of Project NPV Kidman & Wodgina deals imply huge upside for PLL shares



Strong EV Demand Expected to Lead to Lithium Shortages









World #1 Car Company VW is All-In on Electric Vehicles

"Lithium: The Irreplaceable Element of the Electric Era" VW Press Release

Complete Dedication to EVs

- \$80bb capital investment
- Joint commitment to lithium-ion with BMW and Daimler

Focus on hydroxide from spodumene

- "Mining is considered the futureproof solution, both <u>commercially</u> and in terms of <u>sustainability</u>"
- "Lithium hydroxide from mining is the future-relevant product"

Aggressively Targeting US Market

- EVs to be produced in Chattanooga, Tennessee
- Batteries to be sourced from new SK Innovation plant in Georgia







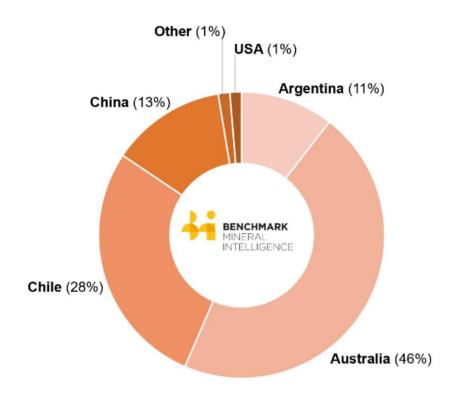
The American Mineral Security Act

"I think It's Really Important for our National Security" NC10 Rep Patrick McHenry

"Our nation's mineral security is a significant, urgent, and often ignored challenge...our reliance on China and other nations for critical minerals costs us jobs...and leaves us at a geopolitical disadvantage." – U.S. Senator Lisa Murkowski, Chair of the Committee on Energy and Natural Resources

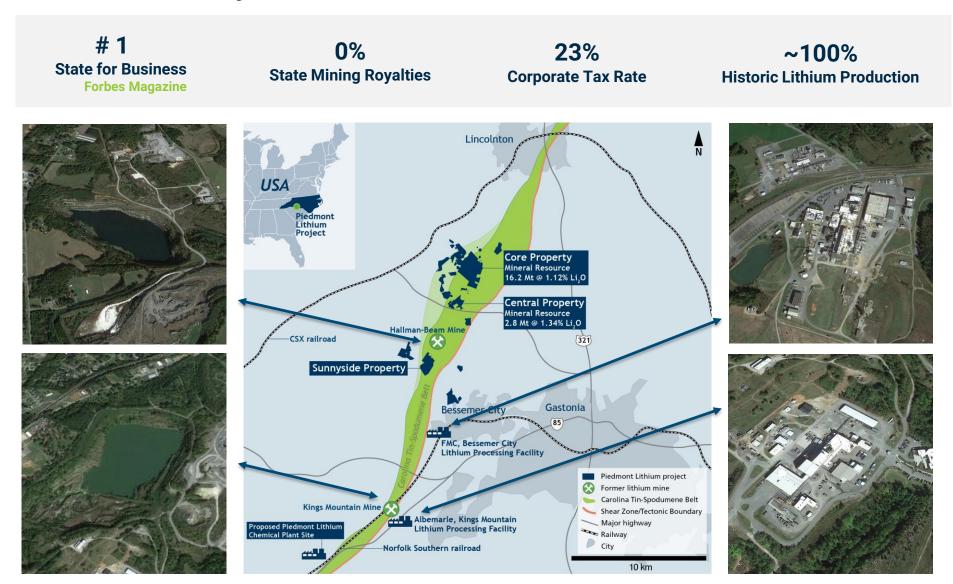
"The challenge...is ensuring that the U.S. does not exchange a dependence on OPEC's oil for a dependence on China's batteries and critical minerals." – Robbie Diamond, Securing America's Future Energy

Lithium Raw Material Supply in 2018





Piedmont Ideally Located in North Carolina





North Carolina Cost Advantage

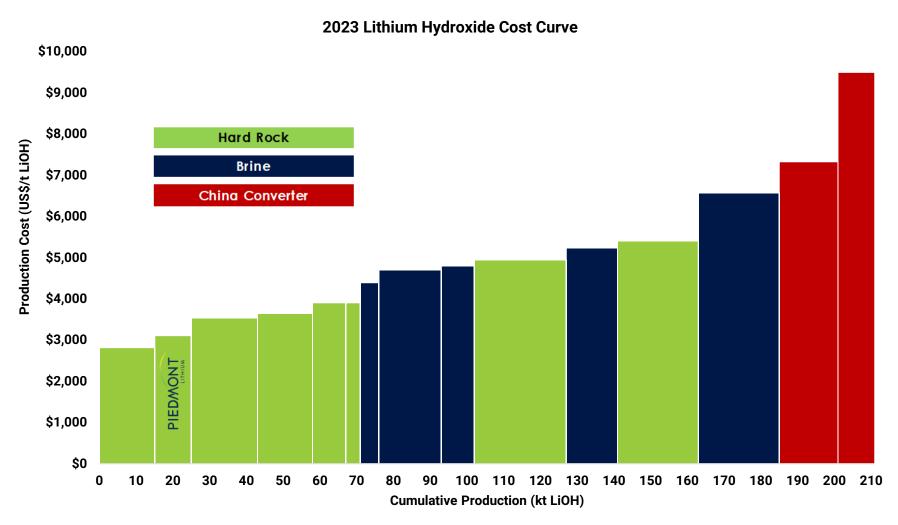
Location drives 1st quartile cost position

		* *	*
	NORTH CAROLINA	WESTERN AUSTRALIA	CANADA
LABOR	\$42 / Hr	\$72 / Hr	\$96 / Hr
ELECTRICITY	6c / kWh	17c / kWh	4c / kWh
DIESEL	\$0.65 / L	\$1.02 / L	\$0.91 / L
NATURAL GAS	\$4.00 / Gj	\$6.57 / Gj	\$12.54 / Gj
TRANSPORTATION	\$6 / T	\$46 / T	\$50 / T
GOVERNMENT ROYALTIES	0%	5%	0%
EFFECTIVE TAX RATE	23%	30%	33%

Source: Public filings, Primero and Company estimates



Projected to be a 1st Quartile LiOH Producer



Source: Roskill, Refined production cost includes all direct and indirect operating costs related directly to the physical activity of producing a refined lithium compounds, including feedstock costs (either from internal sources measured using the all-in sustaining cost of production (site operating plus other costs, as defined above), refining, on-site general and administrative costs and selling expenses. It does not include costs associated with corporate-level administrative expenses.



Exceptional Economics

Phased Development to Manage Risk and Minimize Dilution

13

Year Mine Life

\$235mm

Run-rate EBITDA

\$888mm

After-tax NPV

46%

After-tax IRR

PHASE ONE - 2020-2022



- Mine & Concentrator
- 170,000 tpy 6% concentrate + by-product minerals
- \$130mm initial capex
- Steady-state EBITDA \$80mm

PHASE TWO - 2023+

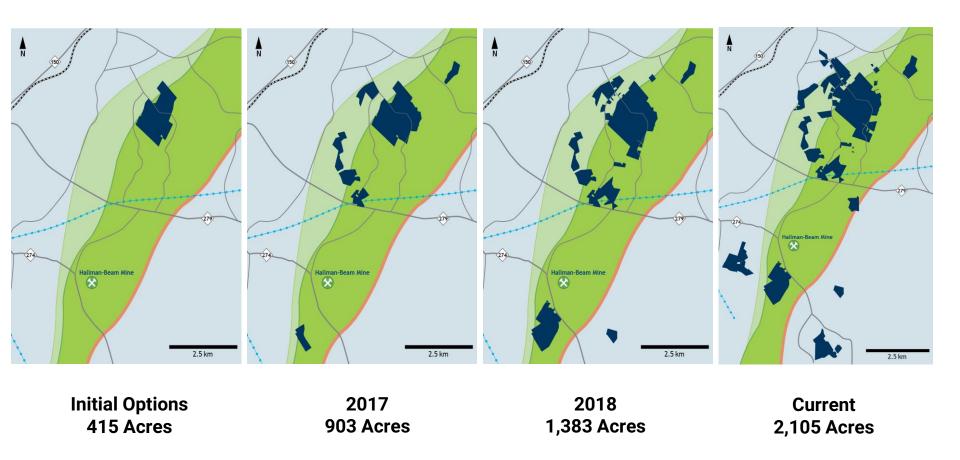


- Chemical Plant
- 22,700 tpy lithium hydroxide
- \$340mm capex funded partially by concentrate cash flow
- Steady-state EBITDA \$235mm



Aggressive Land Consolidation Strategy

Numerous Prospective Targets to Drive Resource and Mine Life





2019 Catalysts Should Drive Re-Rating

Next 90 Days





M&A Deals Imply Substantial Upside for PLL Shares

Kidman and Wodgina Deal Pricing Consistent and Encouraging

Lithium M&A Activity Accelerating

- Wesfarmers US\$545mm bid for Kidman
- ALB US\$1.15bb bid for 50% of Wodgina
- · Pilbara and Nemaska have hired advisors
- Posco's acquisition of Galaxy properties
- Pluspetrol acquisition of LSC Lithium

M&A Valuations Imply Upside for PLL

- EBITDA multiples of 2.4x-2.5x
 - PLL steady-state EBITDA ~\$235mm
- LiOH production multiple of ~\$22k-\$23k
 - PLL annual LiOH production 22,700t
- Project NPV multiples of 0.60x-0.90x
 - PLL Project NPV ~\$888mm





Corporate Snapshot

Dual-Listed on ASX and Nasdaq

Piedmont Lithium Limited							
	M ASX	Nasdaq					
Shares / ADRs (1 ADR = 100 Shares)	670.4 mm	6.70 mm					
Price (@ 5/24/19)	A\$0.16	US\$12.19					
Market cap	A\$107.3	US\$74.4 mm					
Cash (@ 3/31/19)	A\$10.3 mm	US\$7.1 mm					
90-day ADTV (45% Nasdaq, 55% ASX)	~A\$167,000	~US\$106,000					

Key Shareholders	
AustralianSuper Pty Ltd	13.2%
Officers and Directors	11.6%

Research Coverage

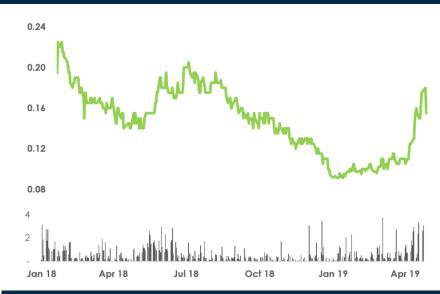








Share Price 40% Below Pre-Resource Highs



Board of Directors		
Ian Middlemas	Australia	Chairman
Keith D. Phillips	USA	CEO
Anastasios Arima	USA	Executive Director
Jeff Armstrong	USA	Director
Jorge Beristain	USA	Director
Levi Mochkin	Australia	Director

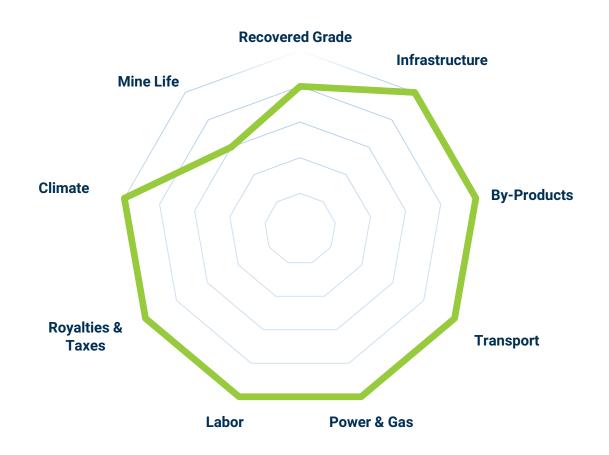




Superior Strategic Position

Spider Chart Highlights Piedmont's Potential

- +85% recoveries
- + Superior infrastructure
- + Local by-product markets
- + Short transport distances
- + Low-cost power and gas
- + Local labor force
- + Zero state royalties
- + Low corporate taxes
- + Favorable climate
- 13-Year Mine Life

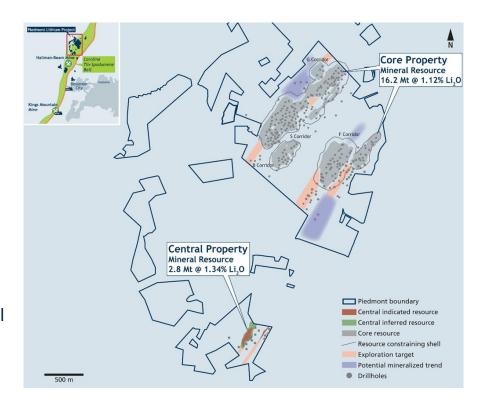




High-Grade Maiden Resource

19.0 Mt @ 1.15% Li₂O

- √ 542,000 tonnes of contained LCE
- √ Shallow open pit >80% of resource within 100m of surface
- ✓ Open along strike and at depth
- ✓ Exploration Target of 6.5-8.0Mt @ 1.1%-1.3%. The potential quantity and grade of this Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.
- ✓ Project-wide update due late-June



Piedmont Lithium Project Mineral Resource Estimate Summary (0.4% cut-off)								
Resource	Core Pi	roperty	Central	Property	Total			
Category	Tonnes (Mt)	Tonnes (Mt) Grade (Li ₂ O%) Tonnes (Mt) Grade (Li ₂ O%)			Tonnes (Mt)	Grade (Li₂O%)		
Indicated	8.50	1.15	1.41	1.38	9.91	1.18		
Inferred	7.70	1.09	1.39	1.29	9.09	1.12		
Total	16.20	1.12	2.80	1.34	19.00	1.15		



Strong Metallurgy

PFS-Level Met Program Underway at SGS Lakefield

Competitive Resource Grade...

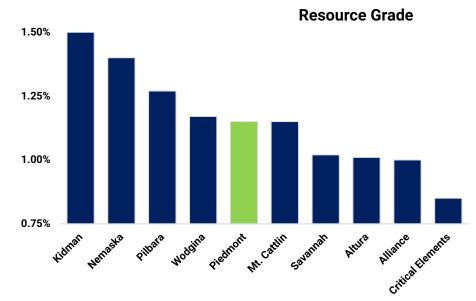
1.15% Resource Grade

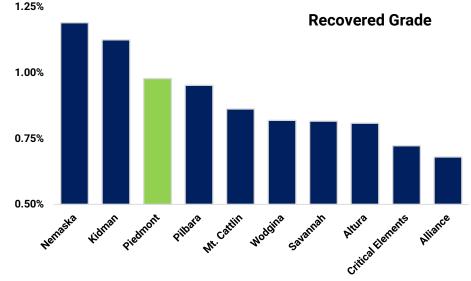
...and Positive Met Recoveries...

85% recoveries...based on bench scale tests and North Carolina precedent

...Lead to Strong Recovered Grade

Driving strong project economics







Positive Impact of By-Products

By-products were a large business for past lithium producers in NC

Strong local markets for quartz, feldspar and mica

Imports represent large market share due to US mine depletions

Initial offtake conversations underway with leading market participants







By-product	Annual Volume (†py)	Assumed Sales Price (US\$/t)	Markets
Quartz	99,000	\$100	Low-iron glass including solar panel cover glass, industrial ceramics
Feldspar	Feldspar 125,000 \$75		Glass, frit, and industrial ceramics
Mica	Mica 15,500 \$50		Specialty paints including automotive, filler uses, joint-compound



2019 Project Timeline

A shovel-ready project by year-end

Piedmont Lithium Project: Illustrative Project Schedule												
Mine Concentrator Development						20	19					
Task	J	F	M	Α	M	J	J	Α	S	0	N	D
Land Acquisition												
Geology - Exploration Drilling												
Geology - Resource Update												
Geology - Infill Drilling												
Geology - Reserve Statement												
Metallurgy - Concentrator PFS Testwork												
Metallurgy - Concentrator DFS/Pilot Testwork												
Engineering - Updated Scoping Study												
Engineering – DFS Engineering												
Permitting - Rule 404 Permitting												
Permitting - NC State Mining Permit												
Permitting - Community Engagement												
Offtake, Financing and Strategic Discussions												



Highly-Experienced Project Team

Management Team

Keith Phillips

Managing Director & CEO

30+ Years Wall Street experience with JPMorgan, Merrill Lynch and Dahlman Rose

Patrick Brindle

VP - Project Management

20+ Years US & Global Engineering, Procurement and Construction Expert

Anastasios Arima

Executive Director & Co-founder

10+ Years Mining Company Executive, Founder of multiple mining companies

David Buckley

VP - Process Engineering

25+ Years Lithium Extraction and Conversion Expert, Ex-FMC and Albemarle

Lamont Leatherman

VP – Geology & Co-founder

25+ Years Exploration Geologist, Ex-senior Positions in BHP & Noranda in the Carolinas

Tim McKenna

Advisor - Government Relations

30+ Years Government & Investor Relations, including with Rockwood Lithium

Technical Consultants



Scoping Study Lead

(Australia & Canada)



Resource Geology

(Australia & Canada)



Metallurgy (Canada)



Permitting
(North Carolina)



Mine Planning (Virginia)



Analytical Testwork
(North Carolina)



Analytical Test Work
(Colorado)



Blast Studies
(North Carolina)

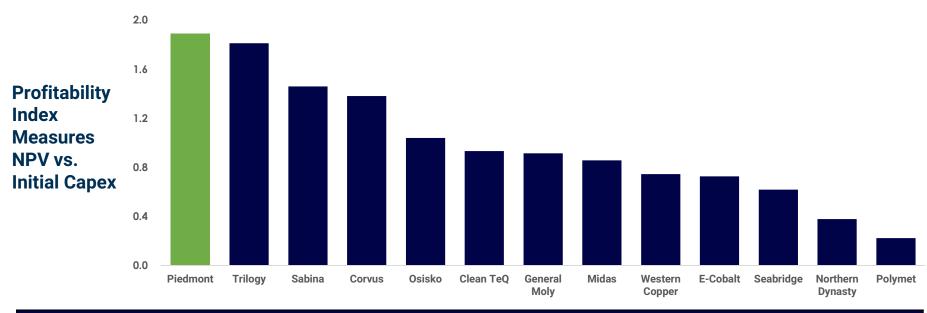


Controlling Project Timeline and Capital Budget

LOCATION	 NC the #7 mining state in USA 50 years of lithium processing experience in TSB 3mm population within 30 miles No fly-in / fly-out camps Weather conducive to year-round activity
TEAM	 Core team has extensive project development experience Lead engineer Primero integral to recent successful start-ups / upgrades Alliance, Pilbara, Altura, Mt. Cattlin Mining engineers Marshall Miller a leader in eastern USA
BUDGET	 Committed to setting realistic expectations Despite locational advantages PLL capex estimates at high-end of range Budgeting 4-year ramp for LiOH plant vs. 1 year for others Budgeting 1/3 of by-product capacity Fixed price EPC contract anticipated for mine / concentrator
TIMELINE	 PLL will build in phases to manage equity dilution and execution risk More important to 'do it right' than to 'do it fast' Li demand CAGR 20% pa for years to come – 'marathon not a sprint'
ALIGNMENT	 Officers and directors have substantial equity exposure Maximizing shareholder value is our core objective



Superior Profitability Index vs. Other Mining Projects



	Piedmont	Trilogy	Sabina	Corvus	Osisko	CleanTeQ	General Moly	Midas	Western Copper	eCobalt	Seabridge	Northern Dynasty	Polymet
Project	Piedmont	Arctic	Back River	North Bullfrog	Windfall	Sunrise	Mt. Hope	Stibnite	Casino	Idaho Cobalt	KSM	Pebble	Northmet
Commodity	Lithium	Copper	Gold	Gold	Gold	Nickel	Moly	Gold	Copper	Cobalt	Au / Cu	Copper	Copper
Location	USA	USA	Canada	USA	Canada	Australia	USA	USA	Canada	USA	Canada	USA	USA
Stage	PEA	PFS	DFS	PEA	PEA	DFS	DFS	PFS	DFS	DFS	PFS	PEA	DFS
After-tax NPV ₈ (US\$mm)	\$888	\$1,413	\$455	\$586	\$310	\$1,390	\$734	\$832	\$1,830	\$136	\$3,400	\$1,774	\$271
Initial Capex (US\$mm)	\$470	\$780	\$311	\$424	\$298	\$1,491	\$802	\$970	\$2,456	\$187	\$5,500	\$4,695	\$1,216
Profitability Index (NPV/Capex)	1.89	1.81	1.46	1.38	1.04	0.93	0.92	0.86	0.75	0.73	0.62	0.38	0.22
After-tax IRR	46%	33%	28%	38%	33%	19%	18%	19%	20%	21%	10%	15%	10%
Payback	2.0	2.0	2.9	2.1	2.1	4.3	4.1	3.4	3.0	2.9	6.4	5.3	7.5
Market Cap (US\$mm)	\$70	\$337	\$226	\$146	\$550	\$147	\$48	\$115	\$52	\$41	\$714	\$179	\$159



Cost Parity Has Arrived

"In the entry-level luxury market, (the Model 3) offers a better product at a lower cost of ownership..."

"...In the mainstream sedan market, it offers a dramatically superior product at a similar cost of ownership." -CleanTechnica

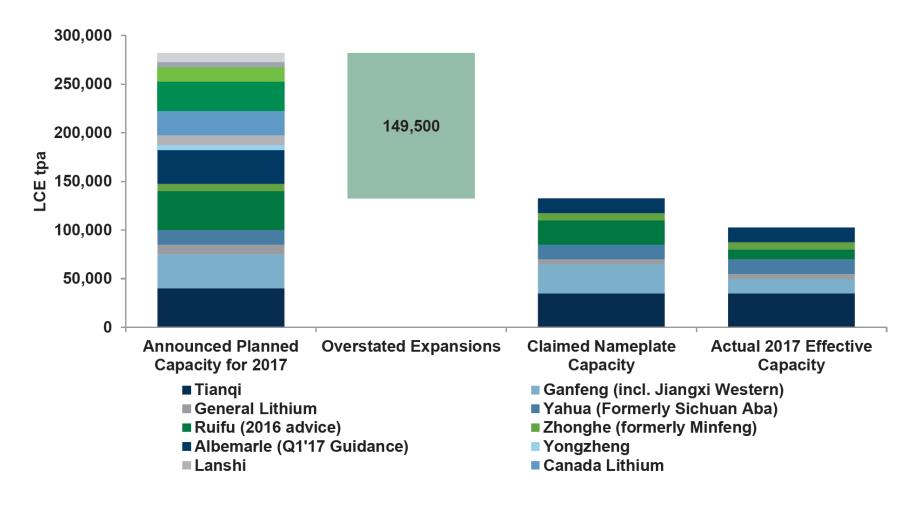
TESLA MODEL 3	AUDI S4 /	BMW 340ix

CATEGORY	Luxury sport sedan	Luxury sport sedan
0-60 MPH	4.6 seconds	4.6 seconds
RANGE	310 miles	~400 miles
PRICE	\$53,000	\$55,000
5-YEAR FUEL ¹	\$2,549	\$10,194
5-YEAR MAINTENANCE 1	\$3,018	\$9,551
5-YEAR INSURANCE ¹	\$4,430	\$4,513
TAX INCENTIVE ²	~\$7,261	\$0
5-YEAR TCO 3	\$62,997 / \$55,736 (pre- / post- incentive)	\$82,696

- 1. Source: Clean Technica and OEM websites
- 2. Reflects New Jersey \$3,750 US tax credit plus waiver of 6.625% state sales tax
- 3. Includes insurance, Tesla shown pre-/post-tax benefits



Supply Growth Consistently Over-Estimated



Source: Goldman Sachs / Orocobre Limited

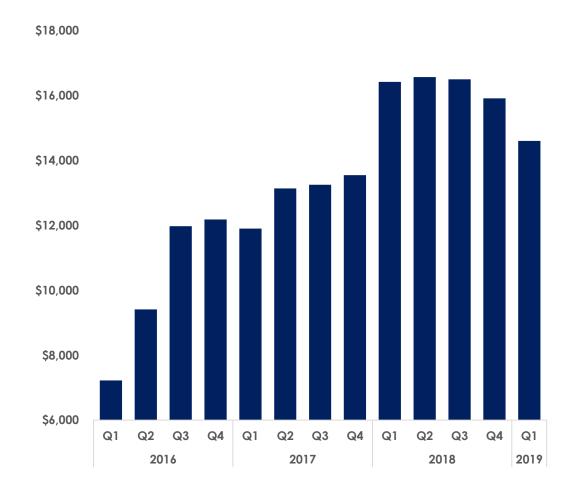


LCE Prices Returning to 'New Normal'

SQM Lithium Carbonate Prices

"...contract prices in 2021 and 2025 are equal to or greater than the 2018 sales price with opportunities for price increases" – Luke Kissam, Albemarle CEO

"...our average price could decrease during the second half of this year to an average of \$11,000-\$12,000 per metric ton." – SQM Q1Report





Current Lithium Prices Consistent with Piedmont Projections

BATTERY-GRADE LITHIUM SPOT PRICES					
	New price	Previous price	% Change		
Lithium carbonate min 99.5% Li2CO3 battery grade, spot, ex- works domestic China, yuan per tonne	74,000- 78,000	70,000- 78,000	▲2.7		Hydroxide premium of \$2,500 /t - \$3,00 /t, consistent with historic precedent
Lithium hydroxide min 56.5% LiOH.H2O battery grade, spot, exworks domestic China, yuan per tonne	83,000- 88,000	85,000- 90,000	▼2.3		
Lithium carbonate min 99.5% Li2CO3 battery grade, spot, cif China, Japan & Korea, \$ per kg	11-12.50	11-13	▼2.1		
Lithium hydroxide monohydrate min 56.5% LiOH.H2O battery grade, spot, cif China, Japan & Korea, \$ per kg	14.50- 15.50	15-16	▼3.2		
Lithium carbonate min 99.5% Li2CO3 battery grade, spot, DDP Europe and US, \$ per kg	11-13	11.50- 13.50	▼ 4	\rightarrow	LiOH prices \$14,000/t -
Lithium hydroxide monohydrate min 56.5% LiOH2O battery grade, spot, DDP Europe and US, $\$ per kg	14-15	14.50- 15.50	▼3.3		\$15,500/t vs. Scoping Study
Lithium carbonate index, min 99.5% Li2O3, battery grade, exworks China, yuan per tonne	75,800	74,750	▲1.4		estimate of \$14,000
Spodumene min 5-6% Li2O, cif China, \$ per tonne	600-700	600-750	▼3.7		
Source: Fastmarkets					



Disclaimers

Cautionary Statements and Important Information

This presentation does not constitute or form part of any offer to sell, or solicitation of any offer to buy, any securities in the United States or any other country. This presentation may not form the basis of any contract or commitment whatsoever with any person. Distribution of this presentation may be restricted by applicable law. This presentation has been prepared by Piedmont Lithium Limited ("Piedmont") as a summary only, and does not contain all information about Piedmont's assets and liabilities, financial position and performance, profits and losses, prospects, and the rights and liabilities attacting to Piedmont's securities. Any investment in Piedmont should be considered speculative and there is no guarantee that they will make a return on capital invested, that dividends would be paid, or that there will be an increase in the value of the investment in the future. Piedmont does not purport to give financial or investment advice. No account has been taken of the objectives, financial situation or needs of any recipient of this presentation. Recipients of this presentation should carefully consider whether the securities issued by Piedmont are an appropriate investment for them in light of their personal circumstances, including their financial and taxation position.

Forward Looking Statements

This presentation contains forward-looking statements within the meaning of securities legislation in Australia and the United States, including statements regarding exploration and development activities; plans for Piedmont's mineral projects; projections of market demand and lithium prices; statements about the timing and amount of resource declarations; and statements about the timing and ability to complete scoping studies and feasibility studies.

Such forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause actual events, results, performance or achievements to be materially different from events, results, performance or achievements expressed or implied by the forward-looking statements. Such factors include, among others, the risk that we will be unable to commercially extract mineral deposits, that our properties may not contain expected reserves, risks and hazards inherent in the mining business (including risks inherent in developing mining projects, environmental hazards, industrial accidents, weather or geologically related conditions), uncertainty about our ability to obtain required capital to execute our business plan, our ability to hire and retain required personnel, changes in the market prices of lithium, changes in technology or the development of substitute products, the uncertainties inherent in exploratory, developmental and production activities, including risks relating to permitting and regulatory delays, uncertainties inherent in the estimation of lithium resources, risks related to competition, as well as other uncertainties and risk factors set out in filings made from time to time with the Australian Stock Exchange and the U.S. Securities and Exchange Commission, including our most recent Form 20-F. Actual events, results, performance and achievements could vary significantly from the estimates presented in this presentation. Readers are cautioned not to put undue reliance on forward-looking statements. We disclaim any intent or obligation to update publicly such forward-looking statements, whether as a result of new information, future events or otherwise. Additionally, we undertake no obligation to comment on analyses, expectations or statements made by third parties in respect of Piedmont, its financial or operating results or its securities.

Cautionary Note to United States Investors Concerning Estimates of Measured, Indicated and Inferred Resources

The information contained in this presentation has been prepared in accordance with the requirements of the securities laws in effect in Australia, which differ from the requirements of U.S. securities laws. The terms "mineral resource", "measured mineral resource", "indicated mineral resource" and "inferred mineral resource" are Australian terms defined in accordance with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code"). However, these terms are not defined in Industry Guide 7 ("SEC Industry Guide 7") under the U.S. Securities Act of 1933, as amended (the "U.S. Securities Act"), and are normally not permitted to be used in reports and filings with the U.S. Securities and Exchange Commission ("SEC"). Accordingly, information contained herein that describes Piedmont's mineral deposits may not be comparable to similar information made public by U.S. companies subject to reporting and disclosure requirements under the U.S. federal securities laws and the rules and regulations thereunder. U.S. investors are urged to consider closely the disclosure in Piedmont's Form 20-F, a copy of which may be obtained from Piedmont or from the EDGAR system on the SEC's website at http://www.sec.gov/.

Competent Persons Statements

The information in this presentation that relates to Exploration Results is extracted from the Company's ASX announcements dated March 14, 2019, February 13, 2019, October 17, 2018, August 23, 2018, July 19, 2018, June 14, 2018, June 7, 2018, May 17, 2018, May 10, 2018, April 9, 2018, 4 April 2018, 15 March 2018, 1 December 2017, 2 November 2017, 27 September 2017, 23 May 2017, 3 April 2017, and 18 October 2016 which are available to view on the Company's website at www.piedmontlithium.com. The information in this presentation that relates to Exploration Targets and Mineral Resources is extracted from the Company's ASX announcements dated June 14, 2018 and April 24, 2019 which are available to view on the Company's website at www.piedmontlithium.com. The information in this presentation that relates to Process Design, Process Plant Capital Costs, and Process Plant Operating Costs is extracted from the Company's ASX announcements dated September 13, 2018 and July 19, 2018 which are available to view on the Company's website at www.piedmontlithium.com. The information in this presentation that relates to Process Design, Process Plant Capital Costs, and Process Plant Operating Costs is extracted from the Company's ASX announcements dated September 13, 2018 and July 19, 2018 which are available to view on the Company's website at www.piedmontlithium.com. The information in this presentation that relates to Mining Engineering and Mine Schedule is extracted from the Company's ASX announcements dated September 13, 2018 which are available to view on the Company's website at www.piedmontlithium.com. The information in this presentation that relates to Mining Engineering and Mine Schedule is extracted from the Company's ASX announcements dated September 13, 2018 which are available to view on t

Piedmont confirms that: a) it is not aware of any new information or data that materially affects the information included in the original ASX announcements; b) all material assumptions and technical parameters underpinning Mineral Resources, Exploration Targets, Production Targets, and related forecast financial information derived from Production Targets included in the original ASX announcements continue to apply and have not materially changed; and c) the form and context in which the relevant Competent Persons' findings are presented in this report have not been materially modified from the original ASX announcements.

Exploration Target

The Exploration Target is based on the actual results of Piedmont's previous drill programs. To determine potential tonnage and grade ranges at the deposit, Li_2O assay values and density values from drilling have been applied to the volume estimates. A density value of 2.71 g/cm³ is applied to derive tonnage values. Using this methodology an Exploration Target of between 4.5 to 5.5 million tonnes at a grade of between 1.10% and 1.20% Li_2O is approximated for the Core property and an Exploration Target of between 2.0 to 2.5 million tonnes at a grade of between 1.1% and 1.3% Li_2O is approximated for the Central property. The potential quantity and grade of this Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.



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America's Only Conventional Lithium Project

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