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Noosa Mining Investor Conference
Peter Neilsen - CFO, Lake Resources

CLEANER LITHIUM FOR AN ELECTRIC WORLD

LAKE RESOURCES

Disclaimer

General Statement and Cautionary Statement

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Forward Looking Statements

Certain statements contained in this presentation, including information as to the future financial performance of the projects, are forward-looking statements. Such forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Lake Resources N.L. are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; involve known and unknown risks and uncertainties and other factors that could cause actual events or results to differ materially from estimated or anticipated events or results, expressed or implied, reflected in such forward-looking statements; and may include, among other things, statements regarding targets, estimates and assumptions in respect of production and prices, operating costs and results, capital expenditures, reserves and resources and anticipated flow rates, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions and affected by the risk of further changes in government regulations, policies or legislation and that further funding may be required, but unavailable, for the ongoing development of Lake's projects. Lake Resources N.L. disclaims any intent or obligation to update any forward-looking statements, whether as a result of new information, future events or results or otherwise. The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward-looking statements. All forward-looking statements made in this presentation are qualified by the foregoing cautionary statements. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein. Lake does not undertake to update any forward-looking information, except in accordance with applicable securities laws.

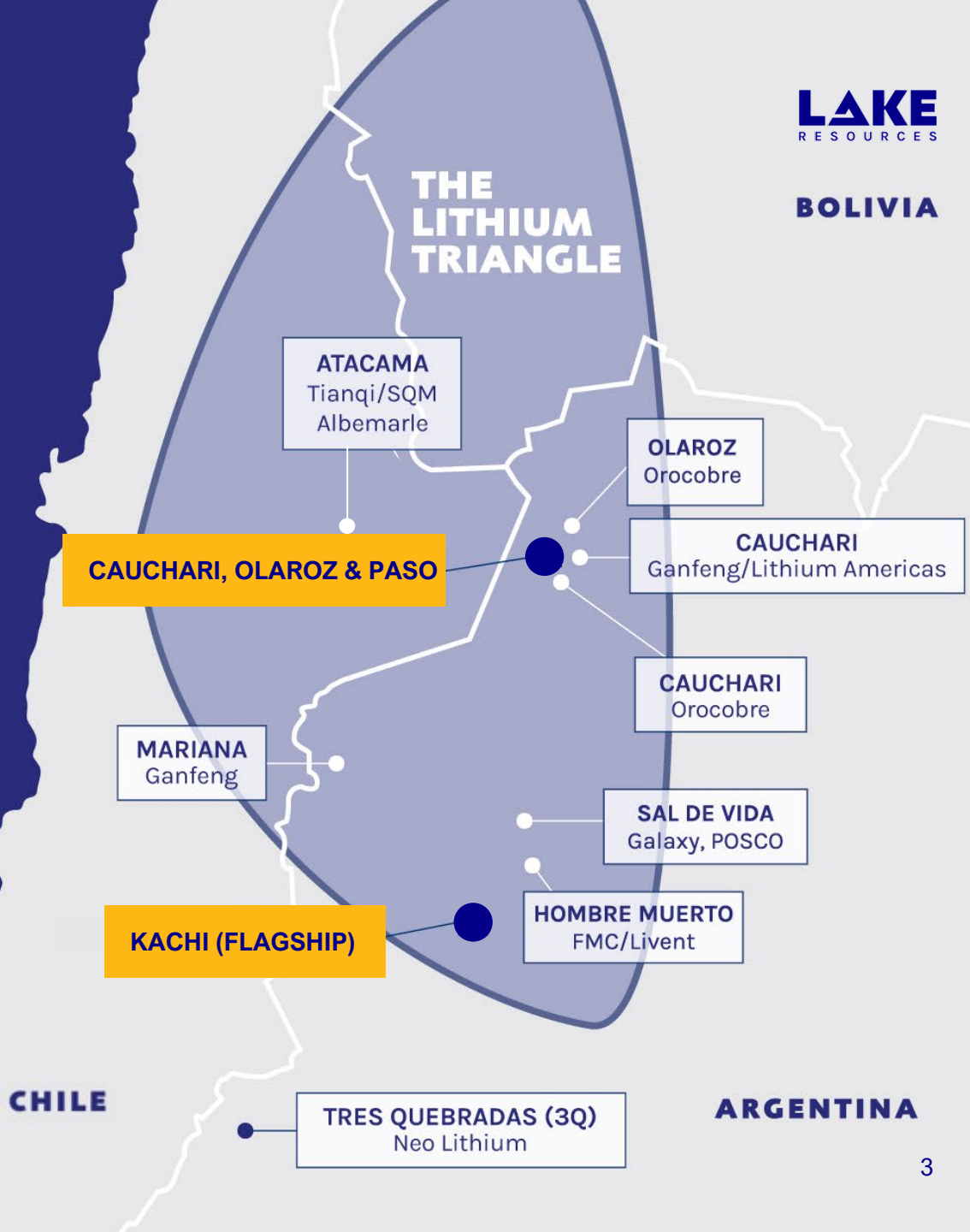
Competent Person Statement

The information contained in this presentation relating to Exploration Results has been compiled by Mr Andrew Fulton. Mr Fulton is a Hydrogeologist and a Member of the Australian Institute of Geoscientists and the Association of Hydrogeologists. Mr Fulton has sufficient experience that is relevant to the style of mineralisation 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. Andrew Fulton is an employee of Groundwater Exploration Services Pty Ltd and an independent consultant to Lake Resources NL. Mr Fulton consents to the inclusion in this presentation of this information in the form and context in which it appears. The information in this presentation is an accurate representation of the available data to date from initial exploration at the Kachi project and initial exploration at the Cauchari project.

Five lithium projects in the heart of the Lithium Triangle.

Large leaseholding 2,200km^2 (550,000 acres)

World's five largest producers all have equity in operations in the Lithium Triangle.

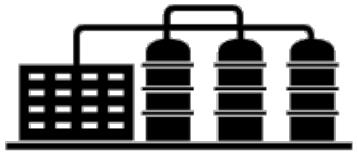


Transitioning to a new stage of development

01

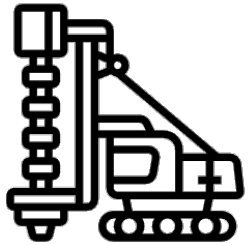
New CEO and executive team appointed and being added to by year-end

02



Kachi brines processed in demo plant – next step samples converted to high purity lithium carbonate

03



Work programs underway to accelerate exploration across Jujuy projects in 2023

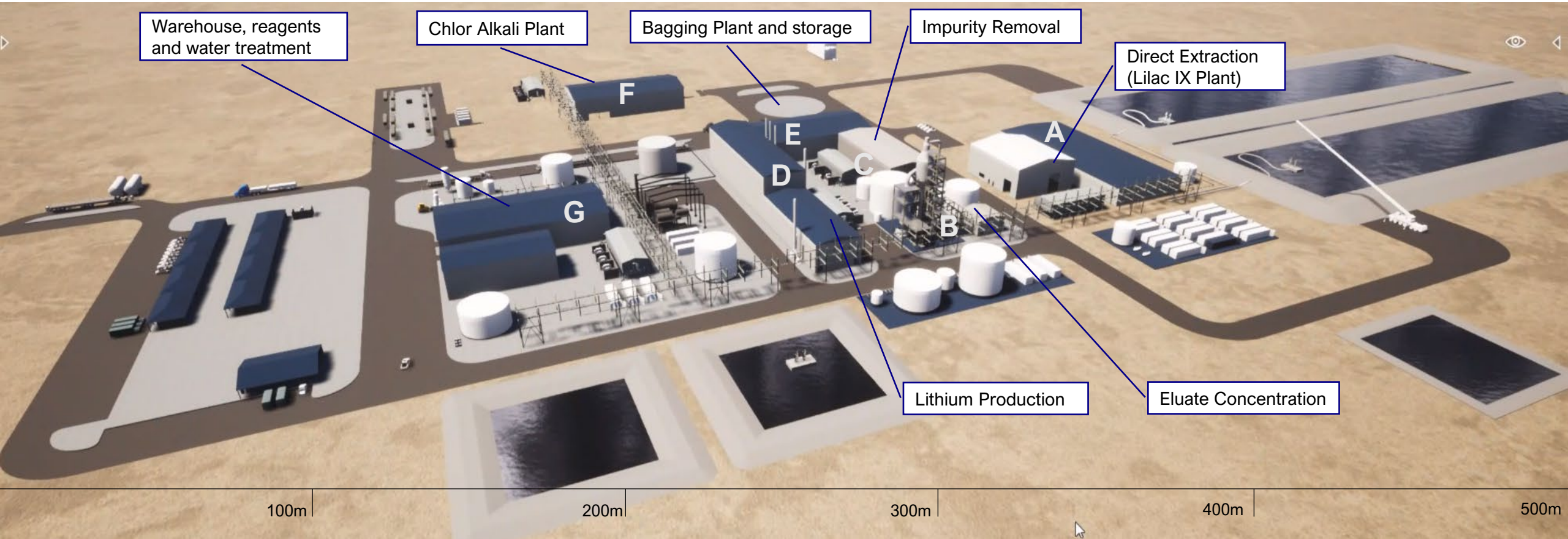
04

Testwork continues with various providers using brine samples from Lake projects

Kachi Project
Clear production pathway

Kachi Project
Plant design

One building with Ion Exchange Modules
replaces 30km^2 of evaporation ponds



Offtake partners secured

Strategic investment and offtake agreement with SK On – up to 25,000 tpa + 10% equity investment in Lake Resources (refer ASX announcement 12/10/2022)

Strategic investment and offtake agreement with WMC Energy – up to 25,000 tpa + 10% equity investment in Lake Resources (refer ASX announcement 6/10/2022)

Lilac Ion Exchange
Demonstration plant operational

Kachi brines testwork commenced

Test samples shipped by mid-November for conversion to lithium carbonate

Testwork to run for minimum of 3-4 months for 2,500 tonnes of product

Kachi PFS metrics
Results for 25,500tpa @ US$15,500/t

Mineral Resource* (Indicated)	Post-tax NPV8	Annual EBITDA	IRR post-tax	Annual production Li_2CO_3
1.01Mt	US$1,580m**	US$260m	35%	25,500tpa

CAPEX	Cash cost	Annual operating costs	Project Finance
US$544m	US$4,178/t	US$107m	70% debt##

Note: Results based on PFS Study Assumptions (refer ASX releases 30 Apr 2020, 17 March 2021)
**Based on Indicated Resource 1.0Mt @290mg/L lithium*
***Assuming US$15,500/t lithium carbonate price (CIF Asia) (refer ASX release 17 March 2021)*
Discussions with Export Credit Agencies Underway; Indications of c. 70% debt over 8-10 years

DFS Underway	Project life	NPV & Annual EBITDA
50,000tpa	25+ years	Major Increase

Results to be much improved

Kachi Project
Financial support

UK Export Finance

EDC

LAKE RESOURCES

Project Finance	Interest Rates	Debt Duration
~70% debt##	~4.25%##	10-11 years*

CAPEX
Increases. Was US$544m at 25,500 tpa

Annual production Li_2CO_3	Project life
50,000tpa	25+ years

Note: Expression of Interest subject to standard project finance terms (refer ASX release 11 Aug 2021)
** 8.5 years Post Construction*
 # Expansion study to double production, but not completed
Indicative level of support c. 70% debt over 8.5 years post construction

UK Export Finance & Canada EDC provided Expression of Interest to support ~70% of the total finance required

- Subject to standard project finance terms, including DFS, ESIA and offtake
- Support for expansion to 50,000 tpa
- 8.5 year debt funding post construction
- Significantly lower cost of capital than traditional debt financing and Reflects ESG benefits of project

Cauchari, Olaroz, Paso projects
Target 100tpa lithium by 2030

Program of work currently in planning stage to accelerate exploration across all three projects in Jujuy in 2023

Brine testwork underway with variety of extraction providers on different brines and processes; alternative extraction processor has returned high-purity product

506m Brine zone
421- 540mg/L lithium (102-608m)

Orocobre Resource
6.3Mt @ 476mg/L Li

Ganfeng/LAC Resource
23Mt LCE @ 581mg/L lithium

Source: LKE; Orocobre (AAL) announcements 5/3/2018, 10/01/2019, 7/03/19, 24/04/19.

Corporate snapshot

Share price

A$1.075

4 November 2022
52 week high A$2.65, low A$0.545

Cash

A$158m

30 September 2022

Shares on issue

1.39b

Unlisted Options

30,597,401

(various prices)

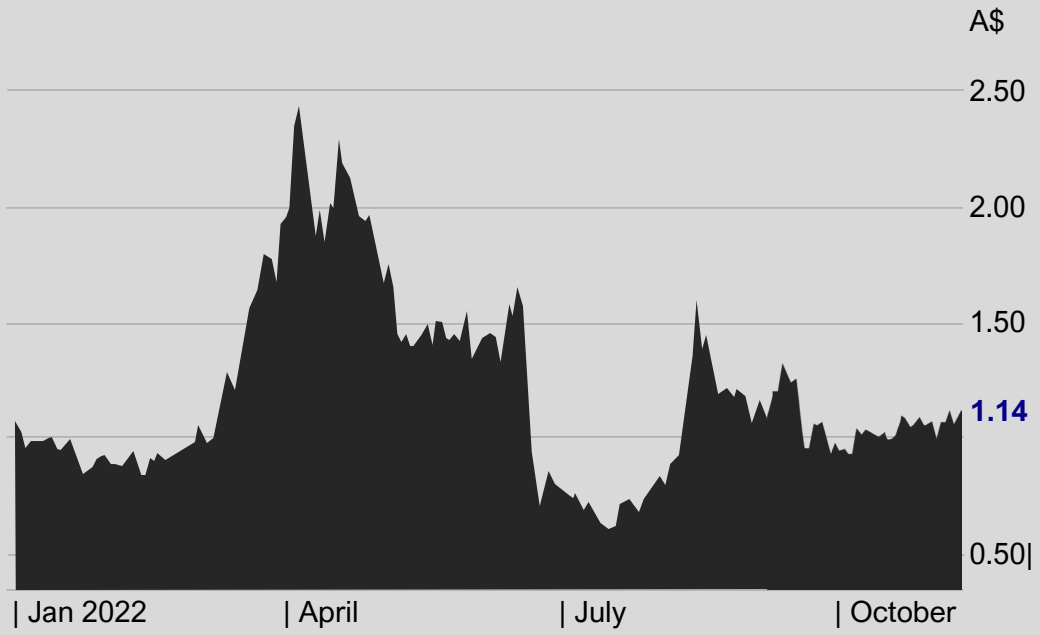
Market capitalisation

A$1.5b

Debt

Zero

Share price performance YTD



Appendix

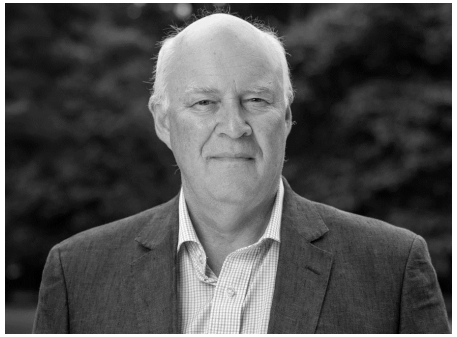
Board
Resources and Argentina experience

Stu Crow
Chairman Non-Exec

More than 25 years of experience (numerous public companies) and in financial services.

David Dickson
Managing Director/CEO

More than 30 years' experience in engineering, construction and EPC cost management across energy sector.



Dr Nicholas Lindsay
Exec Technical Director

30 years of experience in Argentina/Chile/ Peru (PhD in Metallurgy & Materials Engineering); Major companies (Anglo) and taken companies through development in South America.

Dr Robert Trzebski
Non-Exec Director

International mining executive; 30 years experience in operational, commercial and technical roles in global mining incl. Argentina. Extensive global contacts. Chief Operating Officer of Austmine.

Amalia Saenz
Non-Exec Director, Argentina

Experienced energy/natural resources lawyer based in Buenos Aires, Argentina. Partner at law firm, Zang, Bergel & Viñes. Previously worked as Legal Manager in Central Asia and UK.

Leadership
On-site team in place ready for construction

Scott Munro
Senior Vice President – Technology, Strategy and Risk

Proven track record in project financing and delivery, including strategic partnerships, corporate planning and technology development.

Peter Neilsen
Chief Financial Officer
Company Secretary

Chartered accountant >20 years' experience in all facets of financial & asset management. Senior executive positions in the energy and natural resources sector (Barrick, Xstrata).

Gautam Parimoo
Chief Operating Officer Argentina

Successful project director. 25 years in Latin America, incl studies, construction & pre-production of several large-scale projects.

Sean Miller
Corporate Development Officer

Experienced commercial mining executive skilled in project execution, supply chains, contracts and procurement.

Karen Greene
Senior VSP Investor Relations

Experienced investor relations executive. Over 20 years with leading US companies.

Daniel Bonafede
Exploration Manager Argentina

Successful senior geologist with BHP, Rio Tinto, Anglo in Latin America. Past head of Water Resources for Salta. Head of salt lake drill programs.

Lilac partnership

Lilac to Earn in to Kachi Project up to max 25% stake via performance based milestones

- Initial 10% - Lilac funds completion of testing of its technology for the Kachi Project
- Further 10% - Lilac funds demonstration plant at Kachi and satisfies all agreed testing criteria
- Final 5% - Kachi lithium product achieves highest agreed qualification standards with certain offtakers

Lilac to contribute c.US$50 million to Kachi, once earn in complete (pro-rata development funding)

Lilac has major tech sector supporters – aligns breakthrough climate tech with upstream ESG lithium

- Lilac completed US$150m Series B funding round from successful tech investors and battery/EV makers
- Lilac only Western company selected by Bolivian Government for DLE technology process

Lake with Lilac – new independent clean lithium producer with scale

Lilac investors
US$150m investment

T.RowePrice®

LOWERCARBON CAPITAL

Breakthrough Energy

THE ENGINE
Built by MIT

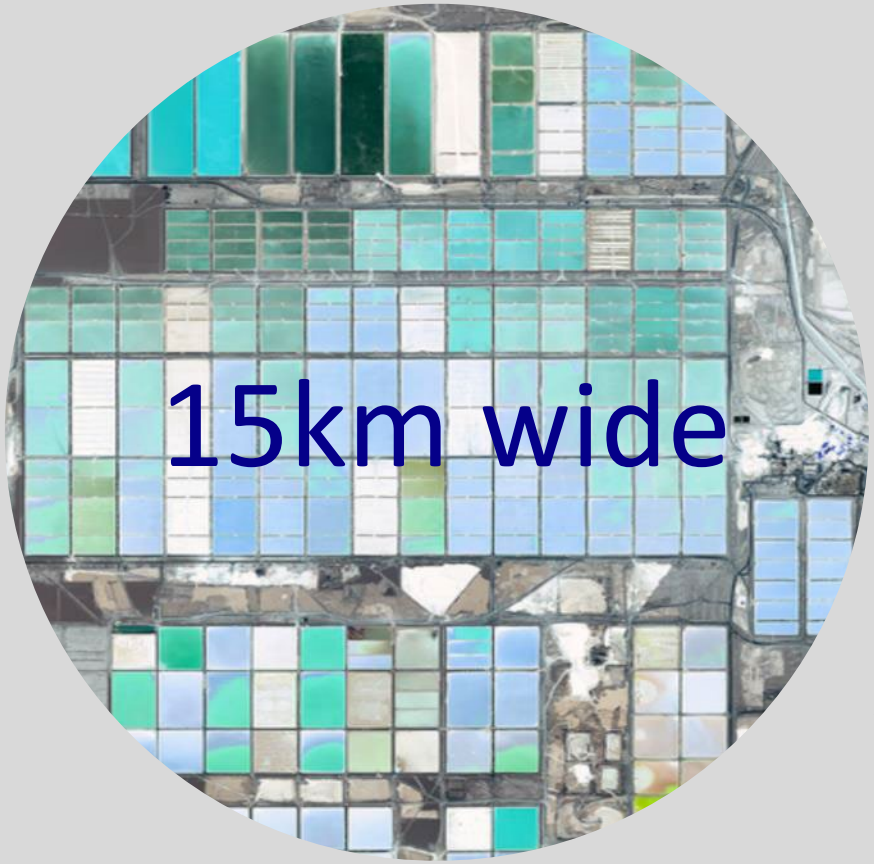
BMW

Sumitomo

SK materials

Lilac Ion Exchange
Cleaner lithium extraction

Atacama Projects
Brine evaporation (170km^2)



Source: SQM / ALB presentations 2020; 170km^2 for c.80,000 tpa LCE. Lake/Lilac/Hatch estimates in PFS (excluding solar hybrid power)

Kachi Project
Lilac Ion Exchange

0.5km wide

Brine returned to source

Smaller environment footprint
Low Land use - Lower water use
No brine depletion

JORC Mineral Resource
Kachi Project

Lithium carbonate equivalent (LCE)

Indicated	Inferred	Total Resource
1.0Mt	**3.4Mt**	**4.4Mt**

KACHI LITHIUM BRINE PROJECT	MINERAL RESOURCE ESTIMATE					
JORC Code 2012 Edition		**Indicated**		**Inferred**		**Total Resource**
Area, km²		17.1		158.3		175.4
Aquifer volume, km³		6		41		47
Brine volume, km³		0.65		3.2		3.8
Mean drainable porosity %		10.9		7.5		7.9
Element	Li	K	Li	K	Li	K
Weighted mean concentration, mg/L	289	5,880	209	4,180	211	4,380
Resource, tonnes	188,000	3,500,000	638,000	12,500,000	826,000	16,000,000
Lithium Carbonate Equivalent (LCE), tonnes		**1,005,000**		3,394,000		**4,400,000**
Potassium Chloride, tonnes		6,705,000		24,000,000		30,700,000

Lithium is converted to lithium carbonate (Li2CO3) with a conversion factor of 5.32
Potassium is converted to potassium chloride (KCl) with a conversion factor of 1.91

Source: LKE announcement 27/11/2018

Lake Lithium Carbonate High Purity

Chemical Component	Actual (wt%)	Target
Lithium (Li)	99.9	99.5 Min
Sodium (Na)	0.024	0.025 Max
Magnesium (Mg)	<0.001	0.008 Max
Calcium (Ca)	0.0046	0.005 Max
Iron (Fe)	<0.001	0.001 Max
Silicon (Si)	<0.001	0.003 Max
Boron (B)	<0.001	0.005 Max

Source: LKE announcement 20/10/2020

The information in this presentation that relates to the estimation and reporting of the Kachi Mineral Resource Estimate is extracted from the ASX announcement dated 27 November 2018 which is available to be viewed at www.lakeresources.com.au and www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimate continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from announcement.

JORC Code 2012
Kachi Project

Criteria	Section 1 - Sampling Techniques and Data
Sampling techniques	• Brine samples were taken from the diamond drill hole with a bottom of hole spear point during advance and using a straddle packer device to obtain representative samples of the formation fluid by purging a volume of fluid from the isolated interval, to minimize the possibility of contamination by drilling fluid then taking the sample. Low pressure airlift tests are used as well. The fluid used for drilling is brine sourced from the drill hole and the return from drillhole passes back into the excavator dug pit lined to avoid leakage. • The brine sample was collected in a clean plastic bottle (1 litre) and filled to the top to minimize air space within the bottle. A duplicate was collected at the same time for storage and submission of duplicates to the laboratory. Each bottle was taped and marked with the sample number. • Drill core in the hole was recovered in 1.5 m length core runs in core split tubes to minimize sample disturbance. • Drill core was undertaken to obtain representative samples of the sediments that host brine.
Drilling techniques	• Diamond drilling with an internal (triple) tube was used for drilling. The drilling produced cores with variable core recovery, associated with unconsolidated material, in particularly sandy intervals. Recovery of these more friable sediments is more difficult with diamond drilling, as this material can be washed from the core barrel during drilling. • Rotary drilling has used 8.5" or 10" tricone bits and has produced drill chips. • Brine has been used as drilling fluid for lubrication during drilling.
Drill sample recovery	• Diamond drill core was recovered in 1.5m length intervals in the drilling triple (split) tubes. Appropriate additives were used for hole stability to maximize core recovery. The core recoveries were measured from the cores and compared to the length of each run to calculate the recovery. Chip samples are collected for each metre drilled and stored in segmented plastic boxes for rotary drill holes. • Brine samples were collected at discrete depths during the drilling using a double packer over a 1 m interval (to isolate intervals of the sediments and obtain samples from airlifting brine from the sediments within the packer). • As the brine (mineralisation) samples are taken from inflows of the brine into the hole (and not from the drill core – which has variable recovery) they are largely independent of the quality (recovery) of the core samples. However, the permeability of the lithologies where samples are taken is related to the rate and potentially lithium grade of brine inflows.
Logging	• Sand, clay, silt, salt and cemented rock types was recovered in a triple tube diamond core drill tube, or as chip samples from rotary drill holes, and examined for geologic logging by a geologist and a photo taken for reference. • Diamond holes are logged by a senior geologist who also supervised taking of samples for laboratory porosity analysis as well as additional physical property testing. • Logging is both qualitative and quantitative in nature. The relative proportions of different lithologies which have a direct bearing on the overall porosity, contained and potentially extractable brine are noted, as are more qualitative characteristics such as the sedimentary facies and their relationships. When cores are split for sampling they are photographed.
Sub-sampling techniques and sample preparation	• Brine samples were collected by packer and spear sampling methods, over a metre. Low pressure airlift tests are used as well to purge test interval and gauge potential yields. • The brine sample was collected in one-litre sample bottles, rinsed and filled with brine. Each bottle was taped and marked with the sample number.
Quality of assay data and laboratory tests	• The Alex Stewart Argentina/Nor lab SA in Palpala, Jujuy, Argentina, is used as the primary laboratory to conduct the assaying of the brine samples collected as part of the sampling program. The SGS laboratory in Buenos Aires has also been used for both primary and check samples. They also analysed blind control samples and duplicates in the analysis chain. • The Alex Stewart/Norlab SA laboratory and the SGS laboratory are ISO 9001 and ISO 14001 certified, and are specialized in the chemical analysis of brines and inorganic salts, with experience in this field. This includes the oversight of the experienced Alex Stewart Argentina S.A. laboratory in Mendoza, Argentina, which has been operating for a considerable period. • The quality control and analytical procedures used at the Alex Stewart/Norlab SA laboratory or SGS laboratory are considered to be of high quality and comparable to those employed by ISO certified laboratories specializing in analysis of brines and inorganic salts.
Verification of sampling and assaying	• Field duplicates, standards and blanks will be used to monitor potential contamination of samples and the repeatability of analyses. Accuracy, the closeness of measurements to the "true" or accepted value, will be monitored by the insertion of standards, or reference samples, and by check analysis at an independent (or umpire) laboratory. • Duplicate samples in the analysis chain were submitted to Alex Stewart/Norlab SA or SGS laboratories as unique samples (blind duplicates) during the process • Stable blank samples (distilled water) were used to evaluate potential sample contamination and will be inserted in future to measure any potential cross contamination • Samples were analysed for conductivity using a hand-held Hanna pH/EC multiprobe. • Regular calibration using standard buffers is being undertaken.
Location of data points	• The diamond drill hole sample sites and rotary drill hole sites were located with a hand-held GPS. • The properties are located at the junction of the Argentine POSGAR grid system Zone 2 and Zone 3 (UTM 19) and in WGS84 Zone 19 south.
Data spacing and distribution	• Brine samples were collected over 1m intervals every 6 m intervals within brine producing aquifers, where this was possible.
Orientation of data in relation to geological structure	• The salt lake (*salar*) deposits that contain lithium-bearing brines generally have sub-horizontal beds and lenses that contain sand, gravel, salt, silt and clay. The vertical diamond drill holes will provide a better understanding of the stratigraphy and the nature of the sub-surface brine bearing aquifers
Sample security	• Samples were transported to the Alex Stewart/Norlab SA laboratory or SGS laboratory for chemical analysis in sealed 1-litre rigid plastic bottles with sample numbers clearly identified. Samples were transported by a trusted member of the team. • The samples were moved from the drillhole sample site to secure storage at the camp on a daily basis. All brine sample bottles sent to the laboratory are marked with a unique label not related to the location.
Review (and Audit)	• No audit of data has been conducted to date. However, the CP has been onsite periodically during the programme. The review included drilling practice, geological logging, sampling methodologies for water quality analysis and, physical property testing from drill core, QA/QC control measures and data management. The practices being undertaken were ascertained to be appropriate.

Criteria	Section 2 - Mineral Tenement and Land Tenure Status
Mineral tenement and land tenure status	• The Kachi Lithium Brine project is located approximately 100km south-southwest of Livent' (FMC's) Hombre Muerto lithium operation and 45km south of Antofagasta de la Sierra in Catamarca province of north western Argentina at an elevation of approximately 3,000m asl. • The project comprises approximately 70,462 Ha in thirty seven mineral leases (minas) of which five leases (9,445 Ha) are granted for drilling, twenty two leases are granted for initial exploration (44,328 Ha) and ten leases (16,689 Ha) are applications pending granting. • The tenements are believed to be in good standing, with statutory payments completed to relevant government departments.
Exploration by other parties	• Marifil Mines Ltd conducted sparse near-surface pit sampling of groundwater at depths less than 1m during 2009. • Samples were taken from each hole and analysed at Alex Stewart laboratories in Mendoza Argentina. • Results were reported in an NI 43-101 report by J. Ebisch in December 2009 for Marifil Mines Ltd. • NRG Metals Inc commenced exploration in adjacent leases under option. Two diamond drillholes intersected lithium bearing brines. The initial drillhole intersected brines from 172-198m and below with best results to date of 15m at 229 mg/L Lithium, reported in December 2017. The second hole, drilled to 400 metres in mid-2018, became blocked at 100 metres and could not be sampled. A VES ground geophysical survey was completed prior to drilling. A NI 43-101 report was released in February 2017. • No other exploration results were able to be located
Geology	• The known sediments within the *salar* consist of salt/halite, clay, sand and silt horizons, accumulated in the *salar* from terrestrial sedimentation and evaporation of brines. • Brines within the Salt Lake are formed by solar concentration, interpreted to be combined with warm geothermal fluids, with brines hosted within sedimentary units. • Geology was recorded during the diamond drilling and from chip samples in rotary drill holes.
Drill hole Information	• 15 drill holes completed, totalling 3150 metres with varying depths up to 403 metres. • Lithological data was collected from the holes as they were drilled and drill cores or chip samples were retrieved. Detailed geological logging of cores is ongoing. • All drill holes are vertical, (dip -90, azimuth 0 degrees).
Data aggregation methods	• Assay averages have been provided where multiple sampling occurs in the same sampling interval.
Relationship between mineralisation widths and intercept lengths	• Mineralisation interpreted to be horizontally lying and drilling perpendicular to this.
Diagrams	• A drill hole location plan is provided showing the locations of the drill platforms. Individual drill locations are provided in Table 1.
Balanced reporting	• Brine assay results are available from 15 drill holes from the drilling to date, reported here.
Other substantive exploration data	• There is no other substantive exploration data available regarding the project.
Further work	• Further water well drilling is planned to expand the resource and test pumping rates.

Criteria	Section 3 – Estimation and Reporting of Mineral Resources
Database integrity	• Data was transferred directly from laboratory spreadsheets to the database. • Data was checked for transcription errors once in the database to ensure coordinates, assay values, and lithological codes were correct. • Data was plotted to check the spatial location and relationship to adjoining sample points. • Duplicates and standards have been used in the assay process. • Brine assays and porosity test work have been analysed and compared with other publicly available information for reasonableness. • Comparison of original and current datasets were made to ensure no lack of integrity.
Site visits	• The Competent Person visited the site multiple times during the drilling and sampling program • Some improvements to procedures were made during visits by the Competent Person
Geological Interpretation	• The geological model is continuing to develop. There is a high level of confidence in the interpretation of the exploration results to date. There are relatively consistent geological units with relatively uniform clastic sediments • Any alternative interpretations are restricted to smaller scale variations in sedimentology, related to changes in grain size and fine material in units • Data used in the interpretation includes rotary and diamond drilling methods • Drilling depths and geology encountered has been used to conceptualise hydro-stratigraphy • Sedimentary processes affect the continuity of geology, whereas the concentration of lithium and potassium and other elements in the brine is related to water inflows, evaporation and brine evolution in the Salt Lake.
Dimensions	• The lateral extent of the resource has been defined by the boundary of the Company's properties. The brine mineralisation subsequently covers 175 km^2. • The top of the model coincides with the topography obtained from the Shuttle Radar Topography Mission (SRTM). The original elevations were locally adjusted for each borehole collar with the most accurate coordinates available. The base of the resource is limited to a 400 m depth. The basement rocks underlying the Salt Lake sediments have been intercepted in drilling. • The resource is defined to a depth of 400 m below surface, with the exploration target immediately extending beyond the aerial extent of the resource.
Estimation and modelling techniques	• No grade cutting or capping was applied to the model. • No assumptions were made about correlation between variables. Lithium and potassium were estimated independently. • The geological interpretation was used to define each geological unit and the property limit was used to enclose the reported resources.
Moisture	• Moisture content of the cores was not Measured (porosity and density measurements were made), but as brine will be extracted by pumping not mining this is not relevant for the resource estimation. • Tonnages are estimated as elemental lithium and potassium dissolved in brine.
Cut-off parameters	• No cut-off grade has been applied.

Mining factors or assumptions	• The resource has been quoted in terms of brine volume, concentration of dissolved elements, contained lithium and potassium and their products lithium carbonate and potassium chloride. • No mining or recovery factors have been applied although the use of the specific yield (drainable porosity) is used to reflect the reasonable prospects for economic extraction with the proposed mining methodology. (Recoveries of 83% lithium have been used in the PFS for the direct processing method) • Dilution of brine concentrations may occur over time and typically there are lithium and potassium losses in both the storage ponds and processing plant in brine extraction operations. However, potential dilution will be estimated in the groundwater model simulating brine extraction. • The conceptual mining method is recovering brine from the Salt Lake via a network of wells, the established practice on existing lithium and potash brine projects. • Detailed hydrological studies of the lake are being undertaken (groundwater modelling) to define the extractable resources and potential extraction rates.
Metallurgical factors or assumptions	• Lithium carbonate is targeted as the commercial product. • It would be obtained by the brines being subjected to direct lithium extraction (ionic exchange and reverse osmosis) to produce a high grade LiCl eluate (30,000 to 60,000 mg/L lithium), which is processed in a conventional lithium carbonate plant by reaction with sodium carbonate: $LiCl + Na_2CO_3 \rightarrow Li_2CO_3 + NaCl$ • Process work has been undertaken by Lilac Solutions, which is an expert laboratory in the treatment of brines by ion exchange. • Bench tests include short and long-term tests using ion exchange media and brine from Kachi to establish recovery, reagent consumption, and engineering parameters used in the PFS • Analyses of solutions by ICP and includes the use of standards • The longevity of the ion exchange media has been tested over 1000 cycles, or six months • Lithium carbonate of high purity and low impurities has been produced which can be considered equivalent to metallurgical test work) is being carried out on the brine following initial test work. • Pilot plant module test-work has commenced using Kachi brine using Lilac Solutions ion exchange direct extraction method. 20,000 litres of Kachi brine was being processed by Lilac into concentrated lithium chloride (eluate). • Hazen Research Inc has demonstrated the conversion of lithium chloride from the pilot module into larger volumes of high purity lithium carbonate with purity >99.97% with very low levels of impurities. • Hazen processed the eluate from Lilac to produce the lithium carbonate sample using reduction of water through evaporation, treatment with sodium hydroxide and soda ash, ion exchange, precipitation, filtering and recrystallization. • Due to the high purity of the lithium carbonate, the lithium is reported as 100% minus the sum of impurities. ICP-MS and ICP-AES assays from the Hazen Research lab were used to assess impurities. Titration (acidimetric titration with HCl) was performed for total Lithium, run in duplicate and resulted in assays of 100.2 wt% and 100.3 wt.%. This is the accepted assay technique for larger lithium carbonate samples. • To ensure consistency of the processing and analysis with industry standards, Dr Nick Welham was consulted and reviewed the results and calculations of purity. • This work is yet to be integrated into the resource model.
Environmental factors as assumptions	• Impacts of a lithium operation at the Kachi project would include surface disturbance from the installation of extraction/processing facilities and associated infrastructure, accumulation of various salt tailings impoundments and extraction from brine and fresh water aquifers regionally. • Environmental management plan for the protection of wetlands, salt lakes, and surrounds. • Consultation with communities in the area of influence of the project. • Environmental impact analysis on-going.
Bulk density	• Density measurements were taken as part of the drill core assessment. This included determining dry density and particle density as well as field measurements of brine density. Note that no mining is to be carried out as brine is to be extracted by pumping and consequently sediments are not mined • No bulk density was applied to the estimates because resources are defined by volume, rather than by tonnage.
Classification	• The resource has been classified into the two possible resource categories based on confidence in the estimation. • A Measured resource would reflect higher density drilling, with porosity samples from drill cores and well constrained vertical brine sampling in the holes. • The Indicated resource reflects the higher confidence in the brine sampling in the rotary drilling and lower quality geological control from the drill cuttings. • The Inferred resource underlying the Measured and/or Indicated resource reflects the limited drilling to this depth together with the geophysics through the property. • In the view of the Competent Person the resource classification is believed to adequately reflect the available data and is consistent with the suggestions of Houston et. al., 2011
Audits or reviews	• The Mineral Resource was estimated by the Competent Person.
Discussion of relative accuracy/ confidence	• An independent estimate of the resource was completed using a nearest neighbour estimate and the comparison of the results with the ordinary kriging estimate is below 0.3% for measured resources and below 3% for indicated resources which is considered to be acceptable. • Univariate statistics for global estimation bias, visual inspection against samples on plans and sections, swath plots in the north, south and vertical directions to detect any spatial bias shows a good agreement between the samples and the ordinary kriging estimates.