

LAKE



LKE Corporate Update 14 March 2018

Disclaimer



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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, "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward-looking statements. All 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.

Size, Location, Optionality, World Class Lease Holding



Large Lease Holding **One of Largest Lease Holdings of** Lithium ~ 170,000 Ha

Provides Scale & Security of Supply Wanted by Battery Makers & **Electric Vehicle makers**



Value Uplift Potential Low relative market cap

Potential to increase multiple times

Demonstrated by adjoining company (Advantage Lithium) Many catalysts to unlock value



Among the Majors

Prime Location Among Majors Adjoins Production & Major Development Projects

Same basin as Orocobre and SQM/Lithium Americas. **Near FMC & Albemarle**

Large Corporate Deals

Major corporate deals completed on adjoining projects >\$300M

Nearby takeovers (Lithium X)

Market caps 5x to 30x larger



Brine & Hard rock **3** large brine projects **1** large pegmatite project

Optionality

Recent access to leases applied for pre-boom

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Catalysts / News flow

Drilling underway at Kachi

Access to leases next to production & high grade brines - Orocobre, SQM, Advantage Lithium

Potential for Offtake deals / partners - proven value uplift from adjoining companies



Prime Location



Heartland of Major Lithium Producers

Lake's Olaroz/Cauchari Project Next to Orocobre & SQM/Lithium Americas

Lake's Kachi Project near Albemarle & FMC



Four Lithium Projects – Four Potential Company Makers



Kachi – Drilling Underway

Large Project100% LKELarge Scale~50,000 HaResultsApril/May OnwardsNear FMC & Albermarle



Olaroz Adjoins Production

Prime Location Adjoins Orocobre production Recent access Target 30km long basin margin



Cauchari - High grades at lease boundary

Adjoins SQM/Lithium Americas and Advantage Lithium. Recent access 11km basin margin High lithium grades immediately next to LKE leases



Pegmatites – Past Production in Area Large Scale ~70,000 Ha 150km long Belt under option

Target – Large swarm of pegmatites for bulk mining



Paso – New Basin

Next basin west from current production

. New discovery potential Good infrastructure – access to Chile

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News flow

Drilling

Recent access to Olaroz Cauchari to provide more drill targets

Potential for Offtake / partner deals - proven value uplift

Corporate Snapshot

LAKE RESOURCES (ASX:LKE)

Total Current Shares on Issue	233,643,026
Listed Options (10c) Aug 2018 Expiry	19,200,000
Unlisted Options (5c) 4 Apr 2018 Expiry Unlisted Options (5c) Nov 2018 Expiry Unlisted Options (10c) May 2018 Expiry Unlisted Options (28c) Dec 2020 Expiry Unlisted options LithNRG yet to reach hurdle	25,000,000 6,250,000 1,539,250 9,500,000 6,250,000
Unlisted Notes \$1.6m issued Jan2018 (5% coupon)	1,665,000
Option over Catamarca Pegmatite project if exercised Performance shares LithNRG yet to reach hurdle	19,000,000 12,500,000

Market Data

Market Cap (\$A)	@ 17c/sh (10day VWAP 9Mar18)	\$40 million
Cash (\$A)	31 Dec 2018	\$1.5 million
Share Price	52 week range	\$0.03 – 0.31/sh
Share Register	60% Top30, High Net Worth Investors	

LAKE RESOURCES ASX: LKE

Scale & Location Deep Value Being Unlocked



Comparisons - LKE Deep Value



ASX: LKE



Source: Bloomberg; Stockness

Case Studies - Value Uplift

Uplift with Partner



www.lakeresources.com.au

Case Studies – Value Uplift

Uplift with Partner

	LAC.TSX-V Lithium Americas	AAL.TSX-V Advantage Lithium	KDR.ASX Kidman Resources
Pre- SQM or Orocobre Transaction Market Cap	C\$45m Mar 2016	C\$5m May 2016	A\$110m May 2017
Post- Partner Transaction - 2mth Market Cap	C\$130m May 2016 SQM 50% JV project \$25m cash + \$ devel	C\$55m Nov 2016 Orocobre 35% of project Raised C\$20m	A\$230m July 2017 SQM 50% JV project \$30m cash + \$80m devel
Corporate Partner Farm-in	C\$110m equity (2017) US\$220m debt (2017) Gangfeng/Bangchak		
Market Cap Mar 2018	C\$700 – 1100m NYSE listing	C\$150-180m NYSE listing	A\$700m
Project Value	C\$1.4 Bn – \$2.2 Bn	C\$270m	A\$1.4 Bn

Time Line – LKE Value Uplift



Jan/Apr 2016	Nov 2016	Dec 2017/Feb 2018	Apr/Oct 2018	2018/ 2019
Peg Leases	 Lake Resources vend 	 Jujuy Leases & Kachi Drilling 	 Kachi drill results & Jujuy drilling 	 Offtake deals / Investment / PFS
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 Argentine Govt Change Dec 2015 	 Large Lease holding 	 Landmark deal Jujuy Leases 	 Kachi 2-3 Rigs – results & resource 	Kachi Scoping/PFSOfftake /
 Not investment destination 	 Delays in Jujuy granting process 	 Kachi drilling started – delays 	 Olaroz/Cauchari drilling start – 	investment dealsOlaroz/Cauchari
Pre-Lithium boom	Kachi project start	due to ground conditions	focus next to production	shows same brines as majors

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Kachi Drilling Underway

Large Project – Scale

Maiden drill program underway in large untested basin ~50,000Ha of mining leases – 100% Lake Positive surface results indicate new discovery

Rotary programme with two rigs started after intersecting conductive brines in sandy horizons with the diamond programme – Results April/May onwards





Cauchari Brine Project

11km Nth-Sth **Covered Target**

Targeting same aquifers as SQM/Lithium Americas and Advantage Lithium (AAL)

Targets – under cover on basin margins under alluvial cover; deeper aquifers

Results include 600mg/L lithium with high flow rates

AAL Drillhole

Lithium



AAL Drillhole

AAL Drillhole



Cauchari West I nearby Advantage drill rig and Lithium America camp Drilling immediately outside Lake leases with high grades

Drilling under cover in deeper aquifers Immediately outside Lake leases

Results include high grades 600mg/L lithium **High flow rates**

Lake to target same area with drilling

Source: AAL release 5Mar18: LKE

Cauchari Brine Project

Adjoins Major Development

Lithium Brine Project adjoins SQM/Lithium Americas and Advantage Lithium/Orocobre Development Projects

Targeting same aquifers; covered targets on margins



Olaroz/Cauchari Section

Targets on basin boundaries with

potential for same aquifer & high flows Source: Lithium Americas PFS 2012



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Olaroz Brine Project

Adjoins Production Area

Americas Development Project Targeting same aquifers – alluvial covered target Most advanced lithium brine projects are extending resource under cover on basin margins



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Lake Resources **Olaroz Project**

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Large Pegmatite Belt



New 150km Long Belt Pegmatites + Lithium

Newly recognised long belt Only one other company in area Adjacent drill results >2% Li2O Outcropping spodumene Past lithium mining history

Large area 70,000Ha

Option over area for 19M LKE shares to be decided soon Mining leases & exploration leases Easy access year round; low altitude

Target- Thick Swarms

Initial exploration targeting where pegmatites merge to provide thick dyke swarms

Experienced Board



STEVE PROMNITZ Managing Director Extensive Project Management experience in South America –

Geologist and Finance experience



STU CROW Chairman Non-Exec More than 25 years of experience (numerous public companies) and in financial services



NICK LINDSAY Non-Exec Director

25+ years of experience in Argentina/Chile/Peru (PhD in Metallurgy& Materials Engineering); Taken companies from inception to development to acquisition on projects in South America



ANDREW BURSILL CFO/Company Secretary

Accounting/ governance experience. Director, CFO and Coy-Sec of a number of ASX companies

Experienced Local Team

Geologists; Hydrogeologists; Assistants Legal & Accounting

Head Hydrogeologist ex-Orocobre; ex-NeoLithium Extensive exploration experience in Argentina Existing long term relationships with team members



Unlocking Deep Value

Catalyst rich 2018



With Drilling Results

Drilling on Kachi underway Results to display upside in potential new discovery Major value uplift potential

Landmark Agreement to Access Olaroz-Cauchari

Recent agreement to lead to approvals for drilling next to high grade lithium bearing drill holes across lease boundary

Offtake Partner Potential & Resource/Scoping Study

Discussions can advance once drill results available Major value uplift potential



LAKE RESOURCES

Scale, Location, Value Uplift Lithium at a Higher Level



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LAKE RESOURCES Additional Slides - Update



Scale, Location – Jujuy

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Scale - Large Lease Area ~45,000Ha – one of the largest

holdings in Jujuy Province – owned 100%

Large battery makers want large scale lithium plays to secure future supply



Prime Location - Jujuy

Adjoining lithium brine production and development in world's prime lithium location Same basin as Orocobre, SQM/ Lithium Americas, Advantage Lithium

Landmark Agreement

Signed with Jujuy Province Confirms tenure & process after being stalled for 2 years



Targeting Basin Margins Lithium Salt Lake Basins are fault

bounded – good targets for lithium brines & high flow rates – often under alluvial cover – most advanced brine projects expanding on margins



Applied pre-boom Areas applied for 2 years ago prior to recent boom in lithium brines;

Targeted basin margins when not popular

Prime Location



Heartland of Lithium brines

3 Brine Projects ~45,000 Ha Adjoining world class lithium brine production Target extensions under cover

Olaroz Project

Brine Project Extends 30km North-South Next to Orocobre, SQM/Lithium Americas

Paso Project

Brine Project Next to LSC Lithium Cauchari Project Brine Project Extends 11km North-South Next to Orocobre/Advantage

SQM/Lithium Americas





Olaroz Brine Project

Leases 30km Nth-Sth Covered Target

Targeting same aquifers as Orocobre Production along 30km long margin

Covered targets / faults under alluvial cover Deeper aquifers

Photos indicate approximate boundary





MASA12 looking N



MASA 12 looking SW

Paso Brine Project

New Development Potential

Lithium Brine Project adjoins LSC Lithium and extends over 50km with pre-boom leases





Source: Jujuy Registro Grafico Feb 18, Past Orocobre and Lithium America releases

Argentina – Positive Momentum.







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Lithium Brine Producers – Lowest Cost Chile & Argentina are the lowest cost lithium producers globally and are forecast to remain the lowest cost and largest producers.

- **'New' Macri Government Right Changes** Within 4 mths in 2016: fixed currency, bonds, import/export tariffs, mining export duties
- **Pegmatite Producers fill gap short-term** 13 June 2017: Fiscal law setting royalties and terms for provinces linked to federal payments

ASX: LKE



Scale, Value, Catalysts

Prime Location Large Leaseholding Amongst the Majors

Amongst the Majors Lowest Cost Production Same Aquifers ... Large tenement package Positioned pre-boom



Brine & Hardrock Scale, Optionality 4 Key Projects Full lithium offering Development Potential



Kachi - New Discovery Potential

Positive Lithium Results Large basin; 100% owned Consolidated title Maiden drill program



Drilling, Access, Many Catalysts

Drilling underway More rigs arrived recently Agreement on Olaroz / Cauchari leases signed Catalysts in news flow



Deep Value to be Unlocked

Low relative market cap Major projects Many catalysts to unlock value Offtake Partner potential

Appendix 1

JORC Code 2012 Edition

Further work

Competent Person's 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 from initial exploration at the Kachi project.

Table 1 Report: Kachi **Lithium Brine Report**

Section 2 - Mineral Tenement and Land Tenure Status

- Criteria Aineral tenement an The Kachi Lithium Brine project is located approximately 100km south-southwest of FMC's Muerto lithium operation and 45km south of Antofagasta de la Sierra in Catamarca prc north western Argentina at an elevation of approximately 3,000m asl. • The project comprises approximately 51,770 Ha in twenty seven mineral leases (minas) five leases (9,445 Ha) are granted for drilling, twenty leases are granted for initial exp (39,575 Ha) and two leases (2750 Ha) are applications pending granting. The tenements are believed to be in good standing, with payments made to relevant gov. departments Marifil Mines Ltd conducted sparse near-surface pit sampling of groundwater at depths I 1m during 2009. Samples were taken from each hole and analysed at Alex Stewart laboratories in ▶ Argentina Results were reported in an NI 43-101 report by J. Ebisch in December 2009 for Marifil Mi NRG Metals Inc recently commenced exploration in adjacent leases under option. 4 diamond drillhole intersected lithium bearing brines from 172-198m and below with best r date of 15m at 229 mg/L Lithium, reported in December 2017. A VES ground geophysica was completed prior to drilling. A NI 43-101 report was released in February 2017. No other exploration results were able to be located • The known sediments within the salar consist of salt/halite, clay, sand and silt h accumulated in the salar from terrestrial sedimentation and evaporation of brines Brines within the salt lake are formed by solar concentration, with brines hosted sedimentary units Geology was recorded during the diamond drilling · Lithological data was collected from the hole as it was drilled and cores were retrieved. geological logging of cores has not been completed to date. All drill holes are vertical, (dip -90, azimuth 0 degrees) • N/A N/A pending results • A drill hole location plan is provided showing the locations of the drill holes and the surface s Balanced reporting No brine assay results are available from the drilling to date, other than observation sediment types. Information will be provided as it becomes available. Other substantive • There is no other substantive exploration data available regarding the project. exploration data • The company is undertaking a 1000m maiden diamond drilling programme in 4 hole
 - expanding the programme to rotary water well drilling and further diamond drilling. geophysics will also be undertaken.

Criteria	Section 1 - Sampling Techniques and Data
mpling	Brine samples were taken from the diamond drill hole with a straddle packer device to obtain representa
chniques	samples of the formation fluid by purging a volume of fluid from the isolated interval, to minimize the possic of contamination by drilling fluid then taking the sample. Low pressure airlift tests are used as well. The i
	used for drilling is brine sourced from the drill hole and the return from drillhole passes back into the excav
	 The brine sample was collected in a clean plastic bottle (1 litre) and filled to the top to minimize air space wi
	the bottle. A duplicate was collected at the same time for storage and submission of duplicates to
	 Drill core in the hole was recovered in 1.5 m length core runs in core split tubes to minimize sample disturba
	 Drill core was undertaken to obtain representative samples of the sediments that host brine.
illing Shpiquos	 Diamond drilling with an internal (triple) tube was used for drilling. The drilling produced cores with vari core recovery, associated with unconsolidated material, in particularly sandy intervals. Recovery of these n
miques	friable sediments is more difficult with diamond drilling, as this material can be washed from the core ba
	during drilling. • Ripp has been used as drilling fluid for hybrisation during drilling
ill sample	 Diamond drill core was recovered in 1.5m length intervals in the drilling triple (split) tubes. Appropriate addit
	were used for hole stability to maximize core recovery. The core recoveries were measured from the cores compared to the length of each run to calculate the recovery.
	Brine samples were collected at discrete depths during the drilling using a double packer over a 1 m interva
	isolate intervals of the sediments and obtain samples from airlifting brine from the sediments within the pac over an ~1 m interval.
	As the brine (mineralisation) samples are taken from inflows of the brine into the hole (and not from the
	core – which has variable recovery) they are largely independent of the quality (recovery) of the core sam; However, the permeability of the lithologies where samples are taken is related to the rate and potent lithium grade of heige influence.
gging	Sand, clay, silt and salt was recovered in a triple tube diamond core drill tube, was examined for geologic log by a geologist and a host taken for reference
	 Diamond holes are logged by a senior geologist who also supervised taking of samples for laboratory porc
	analysis as well as additional physical property testing.
	 Logging is both qualitative and qualitative in nature. The relative proportions of different inhologies w have a direct bearing on the overall porosity, contained and potentially extractable brine are noted, as are n
	qualitative characteristics such as the sedimentary facies and their relationships. When cores are split
h-samplina	 Sampling they are photographed. Brine samples were collected by packer sampling of brine, on a metre basis from the fluid extracted from wi
hniques and	the packer device as a representative sample following purging of brine from the packer equipment
nple	surrounding sediments. Low pressure airlift tests are used as well to purge test interval and gauge poter vields.
eparation	The brine sample was collected in one-litre sample bottles, rinsed and filled with brine. Each bottle was ta
ality of assay	 The Alex Stewart Argentina/Norlab SA in Palpala, Jujuy, Argentina, is used as the primary laboratory to cond
	the assaying of the brine samples collected as part of the sampling program. They also analyzed blind cor
oratory tests	samples and duplicates in the analysis chain. The Alex Stewart/Norial SA laboratory is ISO 9001 and ISO 14 certified, and it is specialized in the chemical analysis of brines and inorganic salts, with experience in this
	and with the oversight of the experienced Alex Stewart Argentina S.A. laboratory in Mendoza, Argentina, w
	 The quality control and analytical procedures used at the Alex Stewart/Norlab SA laboratory are considere
	be of high quality and comparable to those employed by ISO certified laboratories specializing in analysi brines and inoreanic salts
rification of	 Field duplicates, standards and blanks will be used to monitor potential contamination of samples and
mpling and	repeatability of analyses. Accuracy, the closeness of measurements to the "true" or accepted value, will
saying	umpire) laboratory.
	Duplicate samples in the analysis chain were submitted to Alex Stewart/Norlab SA as unique samples (b
	 Stable blank samples (distilled water) were used to evaluate potential sample contamination and wil
	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
cation of data	The diamond drill hole sample 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 and in WCC04 Zone 30 courts)
ta spacing and	 and in WGS84 Zone 19 South. Brine samples were collected over 1m intervals every 6 m intervals within brine producing aquifers.
tribution ientationofdate	The salt lake (solar) denosits that contain lithium bearing brings generally have sub borizental body and level
relation to	 The san take (solar) deposits that contain infiniting onlines generally have sub-indizontal beds and rei that contain sand, gravel, salt, silt and clay. The vertical diamond drill holes will provide a better understan.
ologicalstructur	of the stratigraphy and the nature of the sub-surface brine bearing aquifers
mple security	 Samples were transported to the Alex Stewart/Norlab SA laboratory for chemical analysis in sealed 1-litre i plastic bottles with sample numbers clearly identified. Samples were transported by a trusted member of
	team.
	 The samples were moved from the drillhole sample site to secure storage at the camp on a daily basis. All b sample bottles are marked with a unique label not related to the location.
view (and	No audit of data has been conducted to date. However, Competent Person Andrew Fulton of GES
	was present on site during drilling of the 2nd drillhole in the programme. The review included
	drilling practice, geological logging, sampling methodologies for water quality analysis and physical property testing from drill core. OA/OC control measures and data management. The
	practices being undertaken were ascertained to be appropriate.



LAKE RESOURCES

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