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Q4 FEED
INVESTOR
PRESENTATION



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#### **Competent Person's Statement**

The information in the announcement that relates to Mineral Resources and Ore Reserves is based on information that was compiled by Mr Duncan Gareth Storey. Mr Storey is a Director and Consulting Hydrogeologist with AQ2, a firm that provides consulting services to the Company. Neither Mr Storey nor AQ2 own either directly or indirectly any securities in the issued capital of the Company. Mr. Storey has 30 years of international experience. He is a Chartered Geologist with, and Fellow of, the Geological Society of London (a Recognised Professional Organisation under the JORC Code 2012). Mr Storey has experience in the assessment and development of palaeo channel aguifers, including the development of hypersaline brines in Western Australia. His experience and expertise are such that he qualifies 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 Storey consents to the inclusion in this report of the matters based on this information in the form and context

The information in this report that relates to Exploration Results is based on information compiled by Mr Christopher Shaw who is a member of the Australian Institute of Geoscientists (AIG), Mr Shaw is an employee of Australian Potash Ltd. Mr Shaw has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity currently 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 Shaw consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to mineral processing is based on information compiled by Mr Antoine Lefaivre, a Competent Person who is a Member of the Ordre des Ingénieurs du Québec (Order of Engineers of Quebec). Mr Lefaivre is employed by Novopro Projects Inc. and has sufficient experience that is relevant to the style of minerals processing 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 Lefaivre consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

#### **Forward Looking Statements Disclaimer**

This announcement contains forward-looking statements that involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

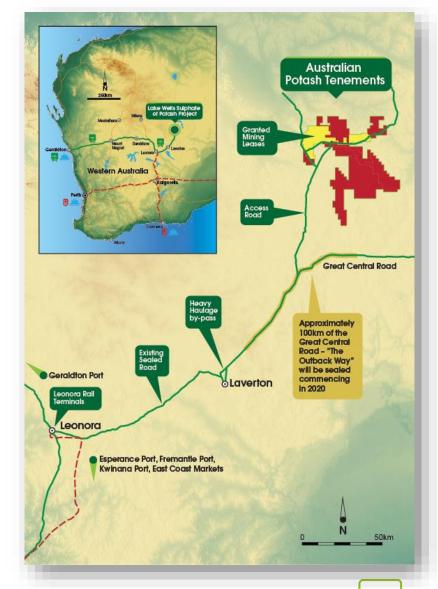
#### **Financial Forecasts**

The forecast financial information stated in this presentation is based on the Company's Definitive Feasibility Study as released to the ASX on 28 August 2019. The Company confirms that all material assumptions underpinning the forecast financial information continue to apply and have not materially changed.









# The Lake Wells Sulphate of Potash Project

Realistic Timeline to Development

Q4

- Finalise Offtake Program
- Finalise Debt facilities
- Finalise EPC contracts
- · EPA Ministerial Statement
- · Minor & Preliminary works



2021

#### Construction

- Village & NPI
- Pre-concentration ponds
- Process plant and load out facilities



2023



2020

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Q1

- FID
- Commence construction of bore-field
- Commence construction of harvest ponds



2022

Ramp-up to steady state production







A Con Ladde

Q4 2020 Newsflow



#### **Offtake Program**

• Targeting 85% - 95% of expanded FEED output under contracted sale agreements to 'bank' LSOP offtake position

#### **NAIF & Funding**

• Targeting conclusion Q4

#### **Environmental Approval**

• EPA has made Report & Recommendations to the Minister for the Environment recommending the LSOP proceed to development

#### **FEED Finalisation**

- EPC tender \$ to drive outcome of FEED
- · Production output, OPEX, NPV







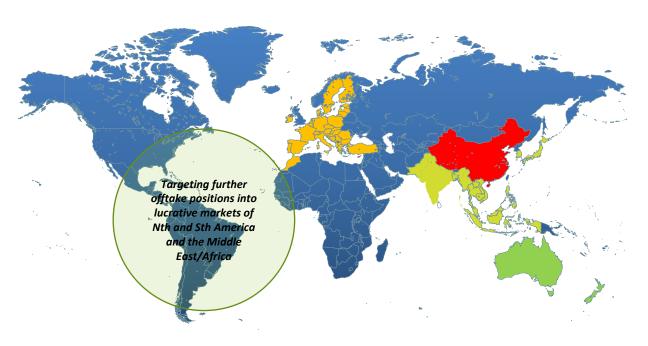


# The Lake Wells Sulphate of Potash Project

Premium project

Premium fertiliser





# Offtake Program

- 130,000 tonnes per annum under binding offtake agreements
- FEED Program optimising output volume

#### **Tier 1 Trading Partners**









# **Approvals Pathway**

Environmental Protection Authority and Other DMAs





Government of Western Australia
Environmental Protection Authority

Status of Active Formal Assessments - s. 38
Part IV of the Environmental Protection Act 1986

- EPA Report to the Minister for Environment RECOMMENDING APPROVAL: MONDAY 7
   <u>SEPTEMBER 2020</u>
- Minor & Preliminary Works Approval already received
- Water licenses
- Mining Proposal & Mine Closure Plan: all pending Ministerial Statement of Consent







# Financing the Build NAIF, Commercial Debt, Equity



## **Northern Australia** Infrastructure **Facility (NAIF)**

35% of total funding requirement



#### **Commercial Debt**

30% of total funding requirement



**Equity** 

35% of total funding requirement





# **Contracting Strategy**

**Risk Mitigation** 

**Shareholder Protection** 

#### **6 Packages EPC Contracted**

Bids received: SOP process plant

Bids received: Borefield fit-out & HV network

Bids received: Power station

Bids received: Comms & Village



#### Why?

Schedule guarantee

Price guarantee

Process guarantee

Local engineers & Canadian expertise

#### 2 Packages Owner's Team

Schedule of rates Borefield drilling
Schedule of rates Civils (incl. ponds)

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#### Can we?

Experienced owner's team
In depth knowledge of ground conditions
– no-one knows better than APC's team



Village Power station Logistics





#### **Owner's Team**

Pumping Processing Marketing







## **Essential Metrics**

Pre-FEED Results

#### The Lake Wells Sulphate of Potash Project



SOP Reserve (Proven & Probable)	3.6Mt
SOP Resource (100% Measured) – drainable	18.1Mt
Planned production	150ktpa^
CapEx	\$208m^
NPV <sub>(8)</sub> (Post-tax)	\$441m^
Bankable Offtake secured	130ktpa – Program ongoing through Q4
Environmental approval	Ministerial Statement of Consent pending
Project syndicated debt facility indicative terms	Q4 2020 leading to finalisation Q1 2021
Shares on issue (million)	549.6m
Market Capitalisation (3 November 2020)	\$61.0m
Enterprise Value [approximate]	\$52.6m

^ DFS disclosure







## **Board Composition**

Skills and Governance



### Jim Walker

Chairman

- Appointed Aug 2018
- 13 years MD&CEO of WesTrac
- Austin Engineering Ltd (ANG) Chairman
- Mader Group (MAD) Chairman
- Wesley College
- State Training Board
- RACWA and WA Motor Museum

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#### **Brett** Lambert

Non-executive Director

- Appointed May 2017
- Mincor Resources (ASX: MIN) Chairman
- Saturn Metals (ASX: STN) NED
- Western Mining, Intrepid, Thundelarra, Bullabulling Gold
- Mining Engineer



### Rhett **Brans**

**Project Director** 

- Appointed NED May 2017 PD June 2020
- +45 years Project Management and development experience
- Carnavale Resources (ASX: CAV) NED
- AVZ Minerals (ASX: AVZ) NED
- Perseus, Tiger Resources
- Civil Engineer



#### Matt **Shackleton**

Managing Director & CEO

- Appointed July 2014
- 6 years as MD of gold developer Mt Magnet South (ASX: MUM)
- Founding director of bauxite developer Canyon Resources (ASX: CAY)
- Chartered Accountant



### **Cathy Moises**

Non-executive Director

- Appointed July 2020
- McIntosh/Merrill Lynch
- County Securities/CITI Group
- Evans & Partners (partner)
- Head of Research Patersons Securities
- Geologist





# **APC Management**

Resources and Development Focused



Matt Shackleton

Managing Director & CEO



Rhett Brans Project Director



# Stewart McCallion

**Project Manager** 

- Extensive greenfield and brownfields mineral experience
- Project manager at Blackham Resources
- Project manager at Hancock Prospecting
- Civil Engineer



# Ryan Duncan

**Technical Manager** 

- Industrial Chemist with +12 yrs experience
- Extensive experience leading integrated operational/technical teams
- Direct salt processing experience at Dampier Salt and Parsons Brinckerhoff



# Simon Page

Hydrogeologist

- Hydrogeologist with 25 years experience in the UK, Europe, and Australia
- Combination of hands on, field-based roles and leadership positions in multi-disciplinary teams
- Most recently spent 10 years as a specialist hydrogeologist with Rio Tinto



## Scott Nicholas

Chief Financial Officer

- Chartered Accountant with +15 years in resources
- Previously CFO at MACH Energy involved in financing and developing +\$600m coal project
- Previously CFO at Atlantic Ltd involved in financing and developing +\$400m vanadium project







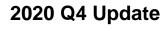
## **Corporate Snapshot**

Recent capital raising positions Company strongly with zero debt

Capital Structure	FQ
Share Price (Nov Placement Issue Price)	\$0.111
Shares on Issue <sup>1</sup>	549,643,709
Listed options <sup>2</sup>	55,330,045
Unlisted options & Performance Rights <sup>3</sup>	22,275,708
Market Capitalisation	\$61.0m
Cash <sup>4</sup>	~\$8.4m
Debt	None
Enterprise Value	\$52.6m











Announcement 3 Nov 2020)
2. ASX: APCOB – strike price 12c, expiring August 2021

1. Incorporates shares to be issued from the Nov 2020 Capital Raising (see ASX

<sup>3.</sup> Various strike prices and expiry dates

<sup>4.</sup> Includes 30 Sep 20 cash position of ~\$1.4m and cash raised from the Nov 2020 Capital Raising to settle 10 Nov 2020 (see ASX Announcement 3 Nov 2020)

# **ESG** and Risk Management

Skills and Governance



- Deep Commercial and Technical Experience
- Highly experienced and diversified Board

- Borefield development & fit-out
- Evaporation ponds & Civils
- Processing Plant
- Power Plant
- Accommodation Village
- Communications

- ISO45001 Framework
- Continuous training and improvement
- 1:25 OH&S Professionals on staff
- Framework mirrored in Contractor Policy



- Fixed cost/Lump sum components
- Schedule certainty driven by LDs
- Process Guarantees









## Sustainability

Respect for Community, Environment, Indigenous Culture & Stakeholders











Lake Wells branded SOP is a high-purity organically certifiable and soluble SOP



#### Brine SOP = low cost

Low cost, technically feasible borepumping operation to produce 17Gl of Potash brine per year



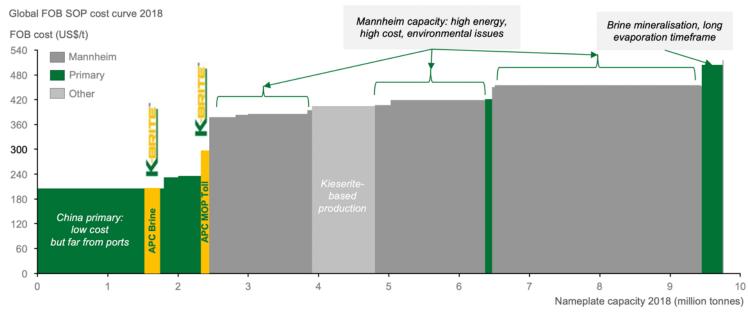
#### Why MOP addition?

Capital efficiency: same bore-field, same ponds, same village BUT 50,000 - 100,000 tpa more SOP



#### **Organic soluble SOP**

Suitable for use in Organic agriculture: certifications being secured now Portion of output soluble SOP +organic +soluble = +US\$50/t sale price



Source: Argus Consulting







#### **SOP Market**

Sulphate of Potash is the premium form of an essential non-substitutable plant fertiliser









### **7M TONNES**

#### **Market Size**

- SOP = 10% of the global demand for potassic fertilisers
- 170ktpa = 2.4% global demand

## **Essential**

#### <1% Chloride/17% Sulphur

- · Potassium is essential
- · Potassium without chloride is essential
- · SOP is essential and nonsubstitutable

# US\$450/t

#### High-margin

- Solar salt = lowest quartile cost
  - 50/50 China/Rest-of-World production
  - 4% 6% CAGR profile past 2030

# US\$3.5B

#### **SOP Global Demand**

- 50% of global supply from the Mannheim industrial process
- 50% from the passive solar evaporation (low Carbon) process

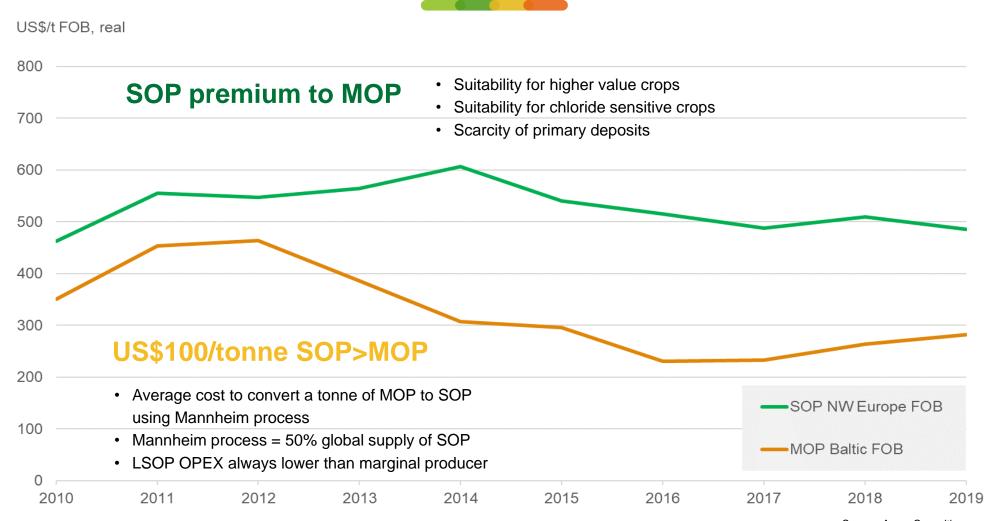


2020 Q4 Update



### **SOP Market**

SOP trades at a Premium to MOP









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