



Parkway Minerals NL  
ACN 147 346 334  
Level 1, 675 Murray Street  
West Perth WA 6005  
PO Box 1088  
West Perth WA 6872  
Australia  
T +61 8 9479 5386  
[parkwayminerals.com.au](http://parkwayminerals.com.au)

# ASX Announcement

07 October 2020

ASX: PWN  
FSE: 4IP

## SEPTEMBER 2020 – QUARTERLY REPORT

### Highlights

#### TECHNOLOGY PLATFORM

- aMES™ Technology:
  - KLPP-PFS progressing well, with cost estimating process currently underway.
  - KLPP-PFS is assisting in strengthening the aMES™ based brine processing technology platform, in collaboration with strategic partners.
  - aMES™ pilot plant recently transitioned to construction phase.
  - Increased emphasis on expanding and leveraging the aMES™ technology platform, to support existing and emerging business development initiatives.
  - Successful testwork completed for major global mining company.
  - Signed MOU with significant water industry solution provider.
- iBC™ Technology - received bulk samples of CSG wastewater for iBC™ testwork.

#### PROJECTS

- Karinga Lakes Potash Project (KLPP) – PFS with Worley, approaching completion.
- New Mexico Lithium Project (NMLP) – relinquished during the quarter.

#### CORPORATE

- Ongoing investor engagement through a series of presentations and webinars.
- Strong balance sheet with \$1.55 million in cash and \$1.59 million in marketable securities (34.3 million shares in Davenport Resources, ASX: DAV, plus options).
- Reported cash balance at end of quarter, excludes grant funds and anticipated R&D tax incentive rebate for FY20.

Parkway Minerals NL (ASX: **PWN**) (“**Parkway Minerals**” or the “**Company**”) is pleased to report its activities for the quarter ending 30 September 2020.

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## TECHNOLOGY PLATFORM

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### aMES™ Technology Platform

#### Karinga Lakes Potash Project – Pre-Feasibility Study (KLPP-PFS)

On [11 May 2020](#), the Company announced the commencement of the KLPP-PFS, based on the aMES™ technology, with the PFS being jointly delivered by Parkway Minerals and Worley, under the Global Strategic Cooperation Agreement announced on [8 May 2020](#).

The KLPP-PFS represents an attractive opportunity for the Company to demonstrate the significant advantages of the aMES™ technology, as well as support strategic capability development. The project team continues to make significant progress with the study and has identified several process optimisation opportunities which are likely to be applicable to more advanced project opportunities, including those outlined in the *Business Development* section. The aMES™ based process plant design was recently finalised, with the current focus on non-process infrastructure and developing the cost estimate for the project. The KLPP-PFS is currently scheduled for completion in late October 2020.

>> Additional information about the Karinga Lakes Potash Project is outlined in the *Projects* section, below.

#### aMES™ Pilot Plant

Procurement activities for the new state-of-the-art aMES™ pilot plant is nearing completion, with delivery of specialised vessels the only remaining major equipment, yet to be delivered. Onsite preparations commenced during the quarter, with the pilot plant recently transitioning to the construction phase, with commissioning anticipated towards the end of October 2020. Whilst the project has a well-defined schedule and execution plan, in light of third-party dependencies and potential COVID-19 related impacts, there is a risk that pilot plant commissioning may not be completed by the time the KLPP-PFS is due for completion.

#### Capability Development

The Company continued to make significant progress in building the aMES™ based brine processing technology platform (refer *Figure 1*), including in relation to:

- Expanding In-House Engineering Capabilities – the Parkway Minerals process engineering team continues to build significant process simulation and techno-economic modelling capabilities, enabling more efficient development, optimisation and evaluation of a range of process flowsheets incorporating aMES™ technology. In order to further strengthen wastewater treatment capabilities, Parkway Minerals recently recruited a senior engineer who was previously design manager for several significant water treatment plants. The Parkway Minerals engineering team continues to grow beyond core process engineering expertise and now incorporates direct experience in the design, construction and commissioning of wastewater treatment plants. These practical capabilities provide Parkway Minerals with a strong foundation from which to develop effective *Brine Processing as a Solution™* offerings.
- Commercialisation & EPC Support – global engineering company, Worley, continues to assist Parkway Minerals with the commercialisation of the aMES™ technology, by providing strategic and business development support as well as the provision of engineering, procurement and construction (EPC) related support.
- Strategic Alignment – collaboration with key partners including ongoing vendor qualification (OEM's) and engagement with specialist partners important in the

successful commercialisation of the aMES™ technology, is ongoing. Significant progress has been made in aligning the aMES™ technology with high-quality vendors which would be necessary to deliver a high-quality solution. Several potential strategic partnership opportunities are currently under active evaluation.

- **Technology Platform** – Parkway Minerals has successfully combined a range of key capabilities, including those outlined above, to strategically develop an innovative brine processing technology platform (refer *Figure 1*). The increasing effectiveness and efficiency of this technology platform, is highlighted in a case-study involving a major global mining company, as outlined in the *Business Development* section.



**Figure 1: Building a Brine Processing Technology Platform**

## Business Development

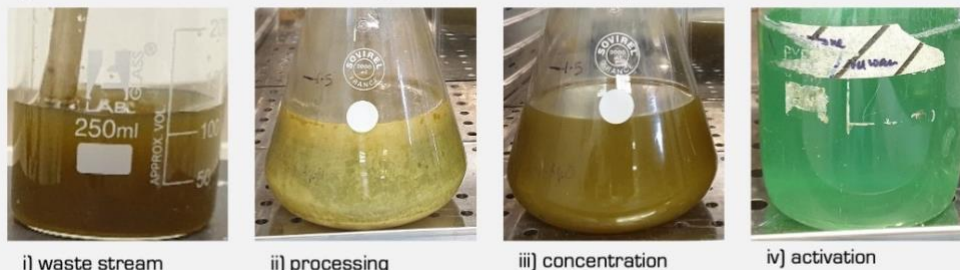
During the quarter, Parkway Minerals remained focused on realising the key priorities of the corporate strategy, including the advancement of the KLPP-PFS, the aMES™ Pilot Plant and associated capability development, as described above. Notwithstanding this focus, progress continues to be made on a number of existing and new business development opportunities, several of which have been referenced during the quarter in various announcements.

- In the August Corporate Update ([25 August 2020](#)), Parkway Minerals disclosed it had recently commenced an aMES™ based testing program on a waste stream from a major base metal mine. The complex waste stream is of high impact to the global mining company which operates the mine and represents a significant opportunity for substantial value creation through the reduction of wastewater volumes (and associated costs) and the recovery of substantial mineral products.
  - In late September 2020, Parkway Minerals presented the preliminary findings (refer *Figure 2*) of the aMES™ based testing program to the global mining company, subsequently receiving very positive feedback, with formal review of the opportunity scheduled to take place in the December quarter.
  - As part of developing and demonstrating an aMES™ based processing route for the target project, key findings included the potential to, i) recover >90% of water from the wastewater stream, leading to a ii) >90% reduction in wastewater volume, and iii) simultaneous production of a range of saleable products. These findings confirm the Company's view that this highly

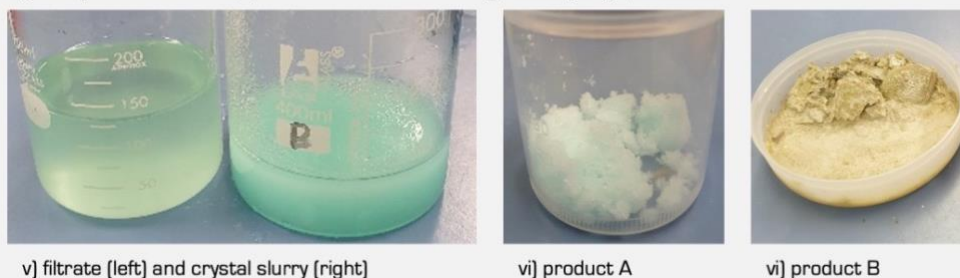
problematic waste stream, could be processed via an aMES™ based processing route, not only to improve environmental outcomes and provide freedom-to-operate/expand operations, but could also be performed profitably.

### aMES™ Based Processing Route

#### A) Pre-treatment, processing & concentration phase



#### B) Crystallisation, product harvesting & drying phase



**Figure 2:** aMES™ based processing of mine wastewater stream

- This project opportunity marks an important milestone for Parkway Minerals, as it demonstrates the substantial recent progress in capability development and also represents the first Joint Project (as defined by the Global Strategic Cooperation Agreement, announced on [8 May 2020](#)) with Worley, and illustrates a potential pathway to commercialise the aMES™ technology, beyond current activities at the KLPP-PFS.
- During the quarter, Parkway Minerals signed an MOU with a significant water industry solution provider, interested in gaining access to the aMES™ technology for a selective salt recovery application at a priority project in the near-term, with interest in broader opportunities, as discussions progress.
- Parkway Minerals continues to receive interest from a diverse range of prospective customers interested in learning more about the potential applications of the aMES™ technology. Following the completion of the KLPP-PFS, the Company intends to revisit these and other opportunities, including several significant projects which have previously undergone aMES™ based piloting studies, but could not be advanced, as the brine processing technology platform, was not sufficiently advanced, at the time.

### iBC™ Technology

The recently acquired iBC™ technology, provides the opportunity to pre-treat complex brines, particularly from the coal-seam gas (CSG) industry, in order to enable further downstream processing, to reduce wastewater volumes and recover valuable chemical products. Whilst

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previous testwork, performed prior to acquisition of the technology, confirmed the iBC™ technology was effective in pre-treating CSG brines, most of this testwork was performed at relatively high temperatures on reasonably concentrated brines. Comprehensive testwork performed during the quarter, has now confirmed the iBC™ technology is also capable of achieving high rates of causticization efficiency at both low (ambient) temperatures, as well as low brine concentrations, significantly increasing the range of potentially economic application opportunities.

These highly encouraging findings will enable the development of innovative brine processing flowsheets and support ongoing exploratory discussions with several CSG market participants, facing significant brine waste related challenges. As outlined in the *Capability Development* section of this report, Parkway Minerals has recently recruited a senior engineer who was previously design manager for several significant water treatment plants, including one of the largest wastewater treatment plants installed at an Australian CSG project. These significant developments provide Parkway Minerals with a strong foundation from which to develop effective *Brine Processing as a Solution™* offerings for the CSG sector.

### Business Development

In addition to the investigative iBC™ based studies underway during the quarter, a number of bulk CSG wastewater samples were received from a major CSG project operator, enabling more detailed brine characterisation and processing studies to be performed. These studies, including iBC™ based testwork, are expected to commence in early-mid October 2020, as the basis of developing an effective solution for the target CSG project.

- Parkway Minerals remains in discussions with a number of additional CSG industry participants regarding potential opportunities to integrate the Company's portfolio of brine processing technologies.

## PROJECTS

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### Rationalisation of Project Portfolio

During the quarter, the Company continued to critically review its project portfolio, to ensure an appropriate fit with the overall corporate strategy and objectives.

Parkway Minerals currently holds an equity interest in one mining exploration project (KLPP, outlined below), with the interest in the second project (NMLP), recently relinquished. During the quarter no substantive mining exploration activities occurred in relation to these projects.

- Karinga Lakes Potash Project (KLPP), holding 15%, right to earn 40%,
- New Mexico Lithium Project (NMLP), held 70%, relinquished during the quarter.

>> A summary of each of these projects is outlined below, with details of the relevant tenements outlined in the *Tenement Interests* table at the end of this report.

#### i) **Karinga Lakes Potash Project (KLPP, 15% interest, earning 40%)**

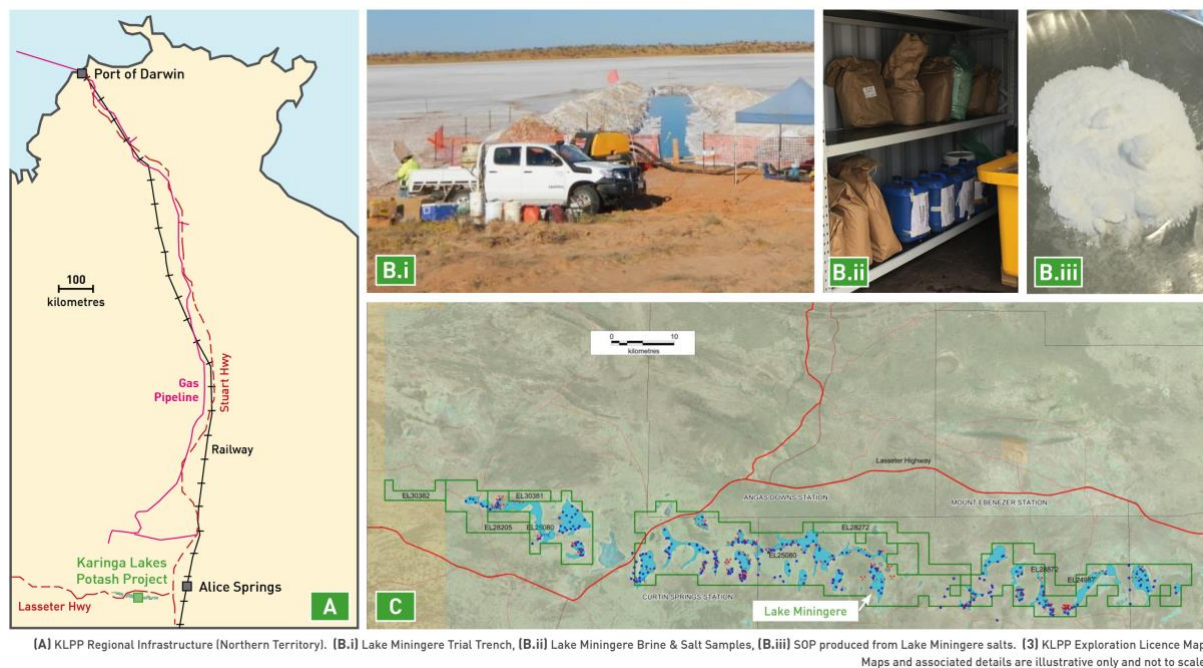
The KLPP is a JV with Verdant Minerals in the Northern Territory (*Figure 3*). Consolidated Potash Corporation Pty Ltd (CPC, a wholly owned subsidiary of the Company) acquired an initial 15% interest in the KLPP by completing a scoping study in February 2019. On 11 May 2020, Parkway Minerals announced the commencement of a pre-feasibility study (PFS) on the project, based on the strategic application of the aMES™ technology.

As part of the KLPP-PFS, an updated resource estimate and mine plan (based on desktop studies, given extensive historical resource appraisal and geological database) was substantially completed during the quarter and will be announced concurrently with the PFS.

The KLPP-PFS will include a conceptual sulphate of potash (SOP) development schematic based on the aMES™ technology, including project engineering design and technoeconomic analysis.

>> Additional information about the KLPP-PFS is outlined in the *aMES™ Technology Platform* section of this report.

As announced previously, the operator of the KLPP, Verdant Minerals is currently undertaking a tenement rationalisation process focused on holding essentially a similar project area, by consolidating exploration tenure from 7, to 3 contiguous licences, therefore simplifying dealings with relevant stakeholders as well as potentially reducing holding costs. Parkway Minerals has been advised by the operator that the Northern Territory Government's intention to rely on the expedited procedure for assessing the grant of the new exploration licences has been objected to by the Central Land Council (CLC) as a result of a Native Title Claim. The Tribunal dealing with the matter has asked the parties, namely the Northern Territory Government and the CLC to provide certain supporting information. Given no site activities are planned at the KLPP in the next 12 months, and adequate potassium enriched mixed salts have already been sourced from prior evaporation trials, at this stage, the Company does not expect delays in the tenure consolidation process to delay the completion of the KLPP-PFS.



**Figure 3: Karinga Lakes Potash Project (KLPP) Location**

**ii) New Mexico Lithium Project (NMLP, held 70%, relinquished during the quarter)**

The NMLP represents an attractive exploration opportunity for the discovery of mineral rich brines. Due to the anticipated temperature and composition of the interpreted in-situ brines, the project was considered to be potentially suitable for development with the aMES™ technology, upon discovery of a suitable brine hosted mineral resource.

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Despite the prospectivity of the project, in light of i) recently identified project access related challenges, ii) COVID-19 related operational difficulties in the United States, iii) the continued collapse in lithium prices throughout 2020, and iv) the relatively high holding costs (significant claim renewal costs were payable before the end of the quarter), the Company made the strategic decision in August to relinquish its interest in the NMLP.

Given Parkway Minerals has the opportunity to share in project development related benefits through the strategic adoption of the aMES™ technology, without necessarily needing to contribute to project development related costs, participation in the earlier resource exploration phase is a substantial risk that the Company believes cannot be justified at this time. Given the challenges outlined above, ongoing exploration at the NMLP would have required considerable additional investment and focus, which can now be applied to the advancing the technology portfolio related priorities outlined above. Upon relinquishing its interest in the NMLP, Parkway Minerals received a ~\$35,000 payment during the quarter, representing a reimbursement of previously provisioned drilling related funds.

## CORPORATE

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### Investments

#### Strategic Investment – Davenport Resources (ASX: DAV)

Parkway Minerals owns 34,267,700 shares in Davenport Resources (ASX: DAV), representing approximately 17.39% of the issued capital of Davenport Resources (as of the date of this report). Davenport Resources is an ASX listed junior mining company which has assembled a portfolio of advanced potash projects in Germany, which collectively represent one of the largest undeveloped potash resource inventories in Western Europe. Davenport Resources is focused on the appraisal and potential development of the South Harz potash field in Thuringia, Central Germany. Given the globally significant scale of the potash resource delineated by Davenport Resources in an existing potash producing region, Parkway Minerals believes there is an opportunity for Davenport Resources to create and unlock substantial value. During the quarter, Davenport Resources made substantial progress, with key achievements including a significant magnesium sulphate discovery, a successful capital raising and the strengthening of the board with the appointment of an experienced mining executive, as chairman.

### Funding

During the quarter, the Company experienced increased cash outflows (in line with budget and guidance), largely as a result of expenditures associated with the KLPP-PFS. These expenditures are expected to moderate in the December quarter.

The Company remains well funded with a cash balance of \$1.55 million at 30 September 2020. In addition to the cash balance at quarter end, the Company holds an additional ~\$1.59 million in marketable securities (shares and options in Davenport Resources), and a range of other non-dilutive funding sources outlined below, ensuring Parkway Minerals is funded well into CY2021.

#### Grant Funds

The Company (through AWT & CPC subsidiaries), has historically had a strong track-record in securing a range of grants to subsidise the costs of performing innovative research and

development (R&D) and associated commercialisation activities. To date, the company has been successful in every innovation and technology related grant application it has applied for, including a number of highly competitive and prestigious Australian Research Council (ARC) grants.

The majority of KLPP-PFS related tasks being performed at Victoria University, including the installation, commissioning and testing of a state-of-the-art aMES™ pilot plant is being funded by a previously awarded ARC supported grant.

Following the acquisition of the iBC™ technology in May 2020, in June 2020, Parkway Minerals secured \$55,000 in Commonwealth funding by way of an Innovation Connections Grant, which is funding a proportion of current iBC™ related activities. Parkway Minerals acknowledges the financial support of the Australian Government.

### **R&D Rebate**

Given the ongoing research and development activities being performed and/or funded by the Company, the Company anticipates receiving an Australian Government research and development tax incentive (R&DTI) payment by way of a refundable tax offset in excess of \$250,000 for FY20 (application yet to be finalised).

### **Investor Relations**

The Company has recently rejuvenated the Parkway Minerals website to reflect the increased importance on commercialising a world-class technology portfolio to provide long-term sustainable solutions for processing complex brines, in the energy, mining and wastewater industries. Additional details including recent news and MD interviews are also available at the Parkway Minerals website.

On [28 July 2020](#), the Parkway Minerals managing director, presented an updated corporate presentation at the Mines Unearthed investor webinar. The corporate presentation provided details of corporate strategy and how the Company is partnering with leading industry participants to provide, BPaaS – Brine Processing as a Solution™.

### **Other Items**

#### **PAYMENTS TO RELATED PARTIES**

As outlined in the attached Appendix 5B (section 6.1), during the quarter approximately \$92,000 in payments were made to related parties and their associates for director salaries, consultancy fees, superannuation and other related costs.

#### **CASH ON HAND**

At 30 September 2020, the company had \$1.55 million in cash reserves and \$1.59 million in marketable securities.



## Tenement Interests

As at 30 September 2020 Parkway Minerals held the following tenements:

### Australian Projects – Karinga Lakes Potash Project

Tenement ID	Location	State	Interest
ELRA/32206	Karinga Lakes	NT	15% <sup>(1)</sup>
ELRA/32207	Karinga Lakes	NT	15% <sup>(1)</sup>
ELRA/32208	Karinga Lakes	NT	15% <sup>(1)</sup>
ELRA/32209	Karinga Lakes	NT	15% <sup>(1)</sup>
ELRA/32210	Karinga Lakes	NT	15% <sup>(1)</sup>
ELRA/32211	Karinga Lakes	NT	15% <sup>(1)</sup>
ELRA/32212	Karinga Lakes	NT	15% <sup>(1)</sup>
ELA/32249	Karinga Lakes	NT	15% <sup>(1)</sup>
ELA/32250	Karinga Lakes	NT	15% <sup>(1)</sup>
ELA/32251	Karinga Lakes	NT	15% <sup>(1)</sup>

- (1) ELRA indicates an Exploration Licence Retention Area, whereas ELA indicates an Exploration Licence Application. See note above, under heading *Karinga Lakes Potash Project* with respect to ongoing tenement rationalisation process.

### International Projects – New Mexico Lithium Project (USA)

Tenement ID	Number of Claims	Location	State	Interest
LBP 1-2, 16-29, 43-56, 70-83, 95-110	60	Lordsburg Playa	New Mexico	0% <sup>(2)</sup>
LBP 3-15, 30-42, 57-69, 84-94, 111-115, 129-133	60	Lordsburg Playa	New Mexico	0% <sup>(2)</sup>
LBP 111- 261	151	Lordsburg Playa	New Mexico	0% <sup>(2)</sup>
LBP 262-338	76	Lordsburg Playa	New Mexico	0% <sup>(2)</sup>
RD 1-16, 25-40, 49-64, 73-80, 89-112	80	Lordsburg Playa	New Mexico	0% <sup>(2)</sup>
WP 21-32, 48-59, 70-90, 103-130	73	Lordsburg Playa	New Mexico	0% <sup>(2)</sup>

- (2) During the quarter, the Company relinquished its interest in the NMLP. See note above, under heading *New Mexico Lithium Project*, for further details.

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## Activities Subsequent to Reporting Period

None.

On behalf of Parkway Minerals NL.



**Bahay Ozcakmak**

Managing Director

The attached Appendix 5B has been authorised for release by Bahay Ozcakmak (MD) and Robert Van der Laan (CFO).

## Additional Information

For further information contact:

**Bahay Ozcakmak**

Managing Director

T: +61 414 596 007

E: [bahay@parkwayminerals.com.au](mailto:bahay@parkwayminerals.com.au)

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## aMES™ Technology

The *activated Mineral Extraction System*, or **aMES™** is an innovative process technology that enables the treatment of concentrated brine solutions to recover a range of valuable compounds, reagents and fresh water. The technology utilises a proprietary multi-staged process incorporating novel membrane technology and is based on proprietary IP, incorporating patents, expertise and know-how acquired over more than a decade of intense process development.

### **Advantages of the aMES™ technology include:**

- improvements in mineral recovery and product quality,
- opportunity for substantial project capex & opex savings,
- efficient use of energy and produces pure water as a by-product, and
- improved project footprint and environmental sustainability.

Ongoing collaboration with a number of brine project developers and operators has confirmed there are many applications where the aMES™ technology has the potential to deliver substantial value by enhancing existing flowsheets, in order to improve overall project performance.

### **Additional Information**

[www.parkwayminerals.com.au/ames-technology](http://www.parkwayminerals.com.au/ames-technology)

## iBC™ Technology

The *integrated Brine Causticization*, or **iBC™** is a patented process technology that simultaneously removes common impurities from waste brine streams and converts sodium carbonates and bicarbonates commonly found in coal seam gas (CSG) brines, into more soluble sodium hydroxide.

As a result of the causticization step, the iBC™ technology produces a purified brine suitable for downstream processing, including with the aMES™ technology, for the production of various salt products and industrial-grade sodium hydroxide.

### **Additional Information**

<https://www.parkwayminerals.com.au/ibc-technology>

## aMES™ Brine Processing Technology

### **Key Industries (Applications)**

- Mining natural brine (salt lakes)
- Solution mining brine (potash)
- Refinery & industrial waste brine
- Wastewater treatment brine

### **Target Products (Produced)**

- Potash (MOP/SOP/KMS)
- Lithium and magnesium salts
- Range of byproducts (B, Br, Ca, Co, Cu, I, Na, Ni, REE, Si, Sr)
- Reagents
- Water

## iBC™ Brine Pre-Treatment Technology

### **Key Industries (Applications)**

- Oil & gas waste brine (CSG)
- Wastewater treatment brine

### **Target Products (Produced)**

- Sodium hydroxide concentrate
- Sodium chloride
- Byproducts (Ca, Mg, Si)

## About Parkway Minerals

In October 2019, Parkway Minerals (ASX: PWN) completed a transformational transaction by acquiring an Australian unlisted public company, Consolidated Potash Corporation (CPC). Through CPC, Parkway Minerals acquired a minority interest in the Karinga Lakes Potash Project (KLPP) in NT Australia, as well as a majority interest in the New Mexico Lithium Project (NMLP), in the United States. The CPC transaction, also resulted in Parkway Minerals acquiring the innovative aMES™ technology, which has been developed to process a range of challenging brine streams from the mining industry, in order to recover valuable minerals, reagents as well as produce fresh water.

Given the significant market opportunities, Parkway Minerals is focused on commercialising a world-class technology portfolio to provide long-term sustainable solutions for processing complex brines, in the energy, mining and wastewater industries. In order to achieve this objective, Parkway Minerals is partnering with leading industry participants to provide, BPaaS – Brine Processing as a Solution™.

### Strategic Investment

Parkway Minerals holds a strategic investment in Davenport Resources (ASX: DAV), which has successfully delineated a globally significant in-situ potash resource (in excess of 550 million tonnes of contained potash), at its South Harz project in Central Germany. Recently completed scoping studies have delivered excellent technical and economic results and provide Davenport Resources with an attractive opportunity to create and unlock substantial value.

Parkway Minerals is commercialising a world-class technology portfolio to provide long-term sustainable solutions for processing complex brines, in the energy, mining and wastewater industries.

Our mission is to collaborate with leading strategic partners to deliver:

**BPaaS – Brine Processing as a Solution™**

### Forward-Looking Statements

This ASX Release may contain certain “forward-looking statements” which may be based on forward-looking information that are subject to a number of known and unknown risks, uncertainties, and other factors that may cause actual results to differ materially from those presented here. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. Forward-looking information includes exchange rates; proposed or projected project or transaction timelines; uncertainties and risks associated with the advantages and/or performance of the Company’s projects and/or technologies; uncertainties and risks regarding the estimated capital and operating costs; uncertainties and risks regarding any envisaged timelines in relations to any results, milestones, partnerships, including but not limited to any milestones which may require obtaining approvals from third parties.

For a more detailed discussion of such risks and other factors, see the Company’s other ASX Releases. Readers should not place undue reliance on forward-looking information. The Company does not undertake any obligation to release publicly any revisions to any forward-looking statement to reflect events or circumstances after the date of this ASX Release, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.

## Appendix 5B

### Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

Parkway Minerals NL

ABN

62 147 346 334

Quarter ended ("current quarter")

30 September 2020

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (03months) \$A'000
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers	-	-
1.2 Payments for		
(a) exploration & evaluation (if expensed)	(368)	(368)
(b) development		
(c) production		
(d) staff costs	(140)	(140)
(e) administration and corporate costs	(192)	(192)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	-	-
1.5 Interest and other costs of finance paid	-	-
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	56	56
1.8 Other (provide details if material)	34	34
<b>1.9 Net cash from / (used in) operating activities</b>	<b>(610)</b>	<b>(610)</b>

<b>2. Cash flows from investing activities</b>		
2.1 Payments to acquire:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	(3)	(3)
(d) exploration & evaluation (if capitalised)	-	-
(e) investments	-	-
(f) other non-current assets	-	-

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## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (03months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	<b>(3)</b>	<b>(3)</b>
<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	158	158
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	-
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (Equity Raising Costs)	-	-
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>158</b>	<b>158</b>
<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>		
4.1	Cash and cash equivalents at beginning of period	2,006	2,006
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(610)	(610)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(3)	(3)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	158	158

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (03months) \$A'000</b>
4.5	Effect of movement in exchange rates on cash held	-	-
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>1,551</b>	<b>1,551</b>

<b>5.</b>	<b>Reconciliation of cash and cash equivalents</b> at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	<b>Current quarter \$A'000</b>	<b>Previous quarter \$A'000</b>
5.1	Bank balances	1,546	2,001
5.2	Call deposits	5	5
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
<b>5.5</b>	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>1,551</b>	<b>2,006</b>

**6. Payments to related parties of the entity and their associates**

- 6.1 Aggregate amount of payments to related parties and their associates included in item 1
- 6.2 Aggregate amount of payments to related parties and their associates included in item 2

**Current quarter  
\$A'000**

92

-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

7. <b>Financing facilities</b> <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
7.1 Loan facilities		
7.2 Credit standby arrangements		
7.3 Other (please specify)		
7.4 <b>Total financing facilities</b>		

7.5 <b>Unused financing facilities available at quarter end</b>	
7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.	

8. <b>Estimated cash available for future operating activities</b>	<b>\$A'000</b>
8.1 Net cash from / (used in) operating activities (Item 1.9)	(610)
8.2 Capitalised exploration & evaluation (Item 2.1(d))	-
8.3 Total relevant outgoings (Item 8.1 + Item 8.2)	(610)
8.4 Cash and cash equivalents at quarter end (Item 4.6)	1,551
8.5 Unused finance facilities available at quarter end (Item 7.5)	-
8.6 Total available funding (Item 8.4 + Item 8.5)	1,551
8.7 <b>Estimated quarters of funding available (Item 8.6 divided by Item 8.3)</b>	2.54

8.8 If Item 8.7 is less than 2 quarters, please provide answers to the following questions:

1. Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answer:

2. Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer:

3. Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer:



## Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 07 October 2020

Authorised by: By the board  
(Name of body or officer authorising release – see note 4)

## Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.