

# **Quarterly Activities Report**

for the period ended 30 June 2018



Level 9, Waterfront Place, 1 Eagle St, Brisbane QLD 4000

GPO Box 1164, Brisbane QLD 4001

Telephone: 07 3108 3500 Fax: 07 3108 3501

ABN: 75 003 049 714

Email: admin@lanewayresources.com.au www.lanewayresources.com.au

ASX Code: LNY

#### **Directors**

Mr Stephen Bizzell (Chairman) Mr Rick Anthon Mr Mark Baker Mr. Peter Wright Company Secretary Mr Paul Marshall



## **Highlights**

### **New Zealand Gold Project (North Island, New Zealand)**

→ Drilling for later in 2018 to be focused within and below the historically mined area of Jubilee. With the planned 3000m of drilling targeting both the Jubilee Vein System and also the newly identified zone which was re-assayed at 0.3m @ 521 g/t Au interpreted approximately 50m horizontally behind the main stoped Jubilee Vein.

## **Agate Creek Gold Project (North Queensland)**

- → The Mining Lease Application (MLA 100030), which covers the high grade near surface Sherwood and Sherwood West Prospects, is still awaiting grant. This is expected during FY 2019.
- Native Title arrangements with the Traditional Owners regarding compensation, employment and training opportunities were progressed during the quarter and are nearing completion.
- Mining is planned to commence shortly after Mining Lease grant subject to any wet season constraints. Mine planning is very simple given the ore is near surface and can be easily open cut with a maximum pit depth of 30m.
- 3<sup>rd</sup> party processing options Laneway have received several offers for potential toll treatment of the Agate Creek ore which are currently being finalised. Review of processing plants by consulting metallurgist undertaken during the quarter to assist in finalising selection.

## **Ashford Coking Coal Project (Northern NSW)**

- Increased global resource estimate of 14.8 million tonnes comprises 6.5 Million tonnes of Indicated coking coal resources and 8.3 Million tonnes of Inferred coking coal resources completed earlier this year.
- → The recently completed LiDAR survey over the project will be utilised in progressing the project with the planned conversion of the existing Exploration Licenses 6234 and 6428 to a Mining Lease.

#### **Corporate**

- Expenditure of \$193,000 on projects in the quarter.
- Additional Projects and Joint Ventures are also being reviewed.
- Capital raising program, by way of the issue of ordinary shares and convertible notes, commenced during the quarter to raise \$3 million to primarily fund the Agate Creek Gold Project including the remainder of the project approvals process, payments that will be due upon grant of the mining lease and to provide funding towards the mine development start-up.

ASX Code: LNY Page 2 of 12



## **Projects Overview**

Laneway Resources is an emerging producer with multiple 100% owned projects in Queensland, New South Wales and New Zealand primarily targeting gold.



Location of Laneway Resources' projects

#### Agate Creek Gold Project in North Queensland

- 100% interest
- Epithermal Gold

## New Zealand Gold Project in New Zealand

- 100% interest
- Epithermal Gold

#### Ashford Coking Coal Project in Northern NSW

- 100% interest
- Coking Coal

ASX Code: LNY Page 3 of 12



## **New Zealand Gold Project (100% LNY)**

The project is located on the North Island of New Zealand in the Hauraki goldfield, within the mineralised corridor that is host to the historic Karangahake and Golden Cross gold-silver mines, and in the same district as Oceana Gold's operating Waihi Mine. The Hauraki goldfield is host to approximately 50 low-sulphidation epithermal prospects and deposits, and has yielded in excess of 45 million ounces of gold and silver

Historic mining occurred in the Project area between 1860 and 1952, with workings reaching a depth of up to 140m from surface. There remains significant scope for down dip and strike extensions of this mineralisation along a >10 km long prospective corridor.

The geology of the Hauraki goldfield consists of a block-faulted basement of Jurassic greywacke

(Mania Hill Group) overlain by a thick sequence of andesite and lesser dacite (Coromandel Group), and rhyolite and ignimbrite (Whitianga Group). Based on known occurrences of gold-silver deposits in the goldfield, two epithermal gold-silver mineral deposit models, andesite-hosted and rhyolite-hosted, are considered the most prospective.

Gold and silver are localised in quartz veins that range up to 30m wide and approximately 800m long. Gold and silver occurs in sheeted and stockwork quartz veins, breccia pipes and disseminated in hydrothermally altered wall rocks, typical of hot springs type epithermal gold deposits.



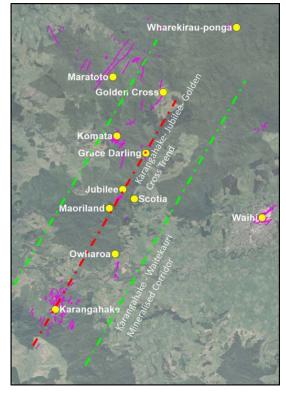
## Karangahake - Jubilee - Golden Cross Mineralised Trend

Historically the Karangahake-Jubilee-Golden Cross Mineralised Trend has produced 4.4 Moz Au-Ag bullion. Mineralisation occurs as discrete low sulphidation high grade epithermal veins, primarily of banded quartz/chalcedony within rhyolites and andesites.

The Karangahake orebody is shown to have vertical continuity of 700m (unusual in epithermal deposits) and Jubilee is likely the strike extent of the Karangahake system but was only mined to 200m and never tested at depth.

At Jubilee a mapped succession of stacked rhyolites which show vertical continuity provide significant potential for mineralised repetitions and blind shoots. The historically mined vein of Jubilee Mineralised Zone in ML018 assayed 2.39g/t Au at 118.3-118.8m.

Laneway recently completed a geological re-evaluation of historical work which included resampling of historical holes. This included core from ML018 (drilled in 1987) which had a 2m wide zone which originally assayed at 7.8g/t Au but was never followed up. Within this 2m metre zone Laneway located and reassayed a 30cm wide vein which returned results of 521g/t Au. These results is interpreted as a second blind vein zone present in the system which sits approximately 50m horizontally behind the historically stoped



main Jubilee Vein and which had not been identified by miners or previous workers on the project. Further mapping in the area has revealed Au anomalism runs parallel to Jubilee and appears to be associated with a rhyolite dyke in core logging and mapped on surface.

ASX Code: LNY Page 4 of 12

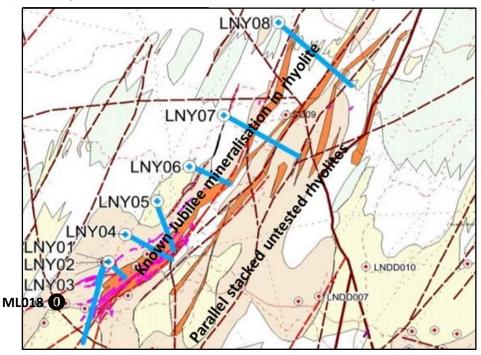


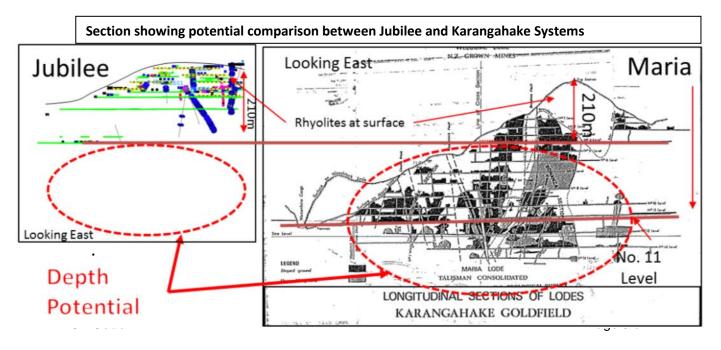
## **Planned Exploration Drilling**

There are still several drill ready target areas within the project area. The most exciting of these areas is the 500m long Jubilee trend, within EP53469, which was historically mined around the turn of last century. Recorded production was 1,300oz of gold bullion from 2,118 tons of quartz within one small stope area. Several historical reports also state quartz veining was up to 32 feet wide in the lower levels 200m below surface.

The Jubilee area has had less than 10 holes drilled into the area shown below with only 2 of these holes deeper than 200m and as such retains significant depth potential, particularly when compared to the Maria vein within the Karangahake Mine System which sits 7km directly along trend from Jubilee. Recent resampling of old drill core has highlighted one vein grading 0.3m @ 521g/t gold.

Laneway has another 8 drill ready targets (LNY01-08) at the Jubilee Prospect which target both along strike and down dip extensions of known mineralisation at the Jubilee workings. All agreements, permitting and drill pads are now in place to allow drilling of this area later in 2018.



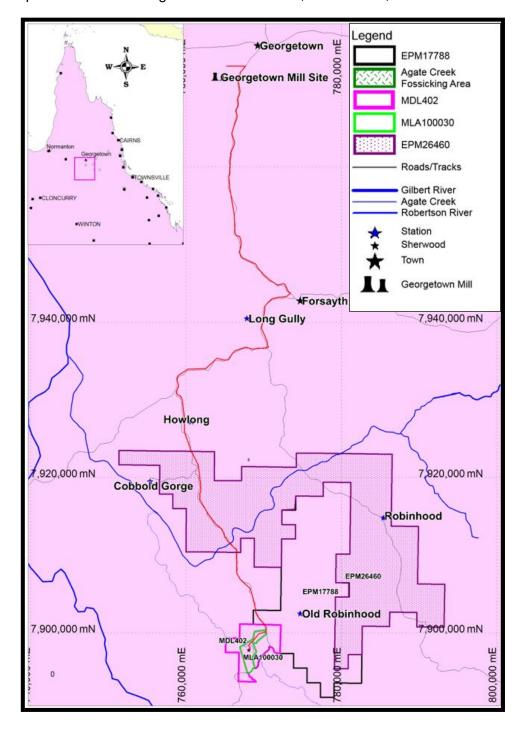




## Agate Creek Gold Project (100% owned by LNY)

The Agate Creek Gold Project is located approximately 40km south of Forsayth and 60km west of Kidston in North Queensland. With the recent grant of EPM 26460 the project area now covers a total of 647.5 km2.

The Project comprises of the following tenures EPM 17788, EPM 26460, MDL402 & MLA 100030.



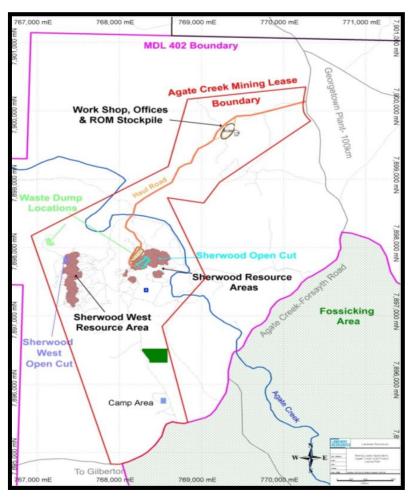
ASX Code: LNY Page 6 of 12



## Mining Lease Application (MLA 100030)

Mining Lease Application (MLA 100030) has been lodged with Queensland's Department of Natural Resources and Mines (DNRM) over part of the Agate Creek Gold Project (the "Project"). The total area of the MLA is 689.3 Hectares covering the Sherwood and Sherwood West near surface high-grade prospects as well as prospective extensions to the known mineralisation areas, allowance has also been made within the ML for the location of all necessary infrastructure to support mining operations. The Environmental Authority is also in place (EPSL03068015) for the start of proposed mining operations.

Landholder Compensation Agreements are finalised. Native Title arrangements with the Traditional Owners regarding compensation, employment and training opportunities were progressed during the quarter and are nearing completion and once concluded will allow the grant of the Mining Lease by DNRM. The grant of the ML is an integral milestone in the Project's progress towards commencing high-grade (low strip ratio) open cut mining operations at Agate Creek. Utilising an existing processing plant will significantly reduce the capital expenditure and time to first gold production. Start of mining and processing will be able to commence shortly after grant of the Mining Lease subject to any wet season constraints. Several processing plant options are available and the Company had a consulting metallurgist undertake further assessment of the processing plants during the quarter to assist in finalising selection of a preferred option and progressing the commercial arrangements with respect to these. Given the simple shallow open cut nature of the orebody, only minor mine planning and infrastructure is required prior to the start of mining.



ML Application 100030 which hosts Laneways Mineral Resources

ASX Code: LNY Page 7 of 12

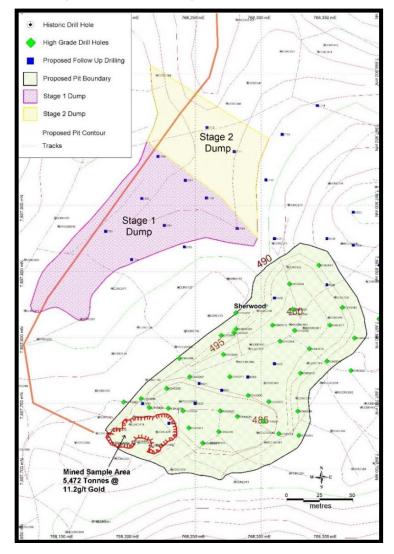


#### **Mineral Resource**

A global recoverable Mineral Resource is defined for the Agate Creek Project in Table 1 at a 0.5 g/t Au cut-off suitable for a large open pit operation. A continuous high-grade Mineral Resource can be interpreted at cut-off of 2 g/t Au for Sherwood and 1 g/t Au for Sherwood West in Table 2. Table 2 represents a subset of Table1.

0.5 g/t cut-off	Sherwood		Sherwood South			Sherwood West			Total			
Resource Classification	Mt	Gold (g/t)	Gold (oz)	Mt	Gold (g/t)	Gold (oz)	Mt	Gold (g/t)	Gold (oz)	Mt	Gold (g/t)	Gold (oz)
Indicated	2.80	1.60	140,000				2.20	1.60	112,000	5.00	1.60	252,000
Inferred	1.40	1.30	57,000	0.30	1.20	12,000	1.50	1.20	59,000	3.20	1.24	128,000
Total	4.20	1.50	197,000	0.30	1.20	12,000	3.70	1.44	171,000	8.20	1.46	381,000
Grade and tonnage rounded to two decimal places. Ounces calculated after rounding and reported to nearest 1,000 ounces.												
High Grade Sub Set		Cut-Off Grade		Indicated		Inferred		Total				
		A	u (g/t)	kt	Gold (g/t)	Gold (oz)	kt	Gold (g/t)	Gold (oz)	kt	Gold (g/t)	Gold (oz)
Sherwood	ł		2	89	6.01	17,300				89	6.01	17,300
Sherwood W	/est		1	1080	1.82	59,600	146	1.72	8,100	1164	1.81	67,700
Total				1169	2.16	76,900	146	1.72	8,100	1253	2.16	85,000

Table 2 - Mineral Resource Figures and Table 2 - High Grade sub set for Mineral Resource



ASX Code: LNY Page 8 of 12



## **Ashford Coking Coal Project**

The Ashford Coking Coal Project is located approximately 60km north of Inverell (northern NSW) and 4 km from the township of Ashford. The Project is comprised of EL 6234 & EL 6428 which covers approximately 14 km2. The tenures hold part of the Ashford Coal Measures covering the only commercial operation to mine the Ashford Seam the "Ashford Colliery". The Ashford Colliery was operated from 1959 to 1990. Firstly by Davis Contractors until 1976 and then by White Industries Limited supplying coal to the Ashford Power Station. In 1976 a study was undertaken to ascertain the quality of the Ashford Seam. The study revealed that in reality the Power Station was in actual fact burning premium quality coking coal.

Laneway through its wholly owned subsidiary Renison Coal Pty Ltd applied for the tenement in 2004 since which time the project has been advanced sufficiently and with the updated resource estimates completed earlier this year, Laneway intends to progress the project towards a Mining Lease Application over the resource area within the next 12 months. During the quarter a LiDAR survey was completed to give detailed topographic information across the project, which will enable Biophysical Strategic Agricultural Land (BSAL) assessment and also assist with environmental studies required as part of the Mining Lease application process. Native Title investigations over the planned ML area has also been initiated.

#### **Ashford Resource Estimate**

The Ashford Coking Coal Project incorporates the historic Ashford Mine Area (EL 6234 and EL 6428). A new increased resource estimate was completed during the quarter. Total resources within EL6234 have been now estimated at 14.8 million tonnes of in-situ coal with 6.5 million tonnes classified as Indicated and 8.3 million tonnes as Inferred. Of the total resource, 9.4 million tonnes are likely to be accessible by conventional open cut methods to a 15:1 vertical waste to in-situ coal tonnes stripping ratio cut off. A further 5.4 million tonnes are expected to be mined via high wall mining

methods. These estimates reconcile well with previous

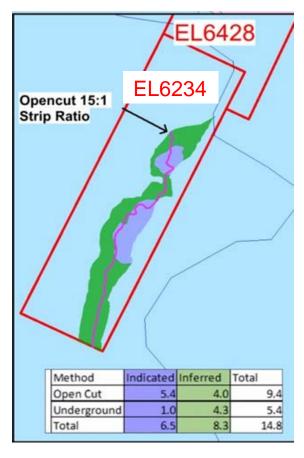
studies.

Coal Quality studies investigating the potential coking quality from a raw product found that the seam could qualify as a semi hard coking coal provided the raw ash is not above 10.5%.

## Geology

The Permian aged Ashford coal measures are expressed as a narrow (<10km) 80km long basin stretching from the Queensland border in the north to Inverell in the south. The Ashford coal measures unconformably overlie highly deformed late carboniferous sediments assigned to the Texas Beds. EL6234 overlies part of the outcrop of the Ashford coal measures which dip to the west at 15-35 degrees.

The Ashford seam ranges from 0.2m to 24.4m in thickness and makes up the principle resource within EL6234. The upper Bonshaw seam also has been intersected in a number of drill holes, however these holes indicate that this seam is non-persistent and is currently of no economic interest. A cross section that demonstrates the structural setting within the Ashford deposit is shown above.



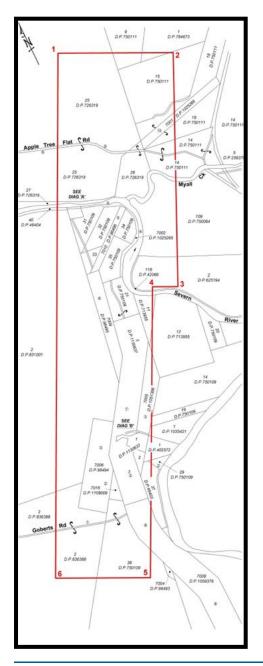
ASX Code: LNY Page 9 of 12

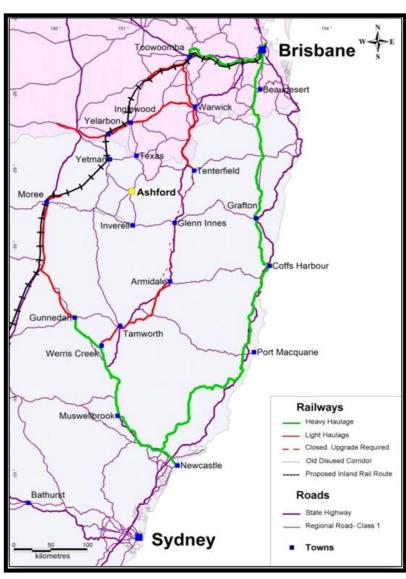


#### Infrastructure

Several transport options have been reviewed and assessed as viable at current coking coal prices, including the following:

- Road haulage to Port of Brisbane using covered B doubles. Maximum of 500ktpa.
- Road haulage to Inglewood; then rail to port of Brisbane.
- Road haulage to Moree; then rail to port of Newcastle.
- Road haulage to Yetman; then rail to Port of Brisbane. Only when the Federal Inland Rail project is completed.





# **Mining Lease Application**

The proposed mining lease application area is shown which covers the resource areas and also sufficient area to allow for mining, stockpiles and washing if required. The Mining Lease Application and associated studies will be investigated further and progressed during the 2019 financial year.

ASX Code: LNY Page 10 of 12



## **Corporate**

During the quarter, Laneway announced a capital raising program to raise \$3 million via the issue of ordinary shares and convertible notes. Laneway issued a total of 133,333,334 shares at \$0.003 per share raising \$400,000 and 92,000,000 unlisted \$0.005 June 2021 convertible notes raising \$460,000 during the quarter. Further funds have been received subsequent to the end of the quarter and the Company has firm commitments for the balance of the raising, subject to receipt of necessary shareholder approvals. The capital raising is to primarily fund the Agate Creek Gold Project including the remainder of the project approvals process, payments that will be due upon grant of the mining lease and to provide funding towards the mine development start-up,

A total of \$193,000 was spent on exploration projects in the quarter with \$97,000 on the Agate Creek project, \$44,000 on the New Zealand exploration project and \$52,000 on the Ashford Coal project.

Additional project opportunities were also reviewed during the quarter and Joint Venture interest from parties in Laneway's projects also progressed.

For further information contact:

Stephen Bizzell

Chairman, Laneway Resources

Phone: (07) 3108 3500

E-Mail: admin@lanewayresources.com.au

#### **Competent Persons Statements**

The information in this report that relates to Exploration Results is based on information compiled by Mr Scott Hall who is a member of the Australian Institute of Mining and Metallurgy. Mr Hall is a full-time employee of Laneway Resources Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking 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 Hall consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information relating to the Mineral Resources at the Agate Creek Project is extracted from the ASX Announcement as follows:

ASX Announcement titled:

#### 'Resource Update for Agate Creek Gold Project' dated 1 February 2016.

The report is available to view on the Laneway Resources website www.lanewayresources.com.au. The report was issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement 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 the original market announcement.

The information relating to the Mineral Resources at the Ashford Coking Coal Project is extracted from the ASX Announcement as follows:

ASX Announcement titled:

#### 'Ashford Coking Coal Project - Increased Resource' dated 20 November 2017.

The report is available to view on the Laneway Resources website www.lanewayresources.com.au. The report was issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, and also "Australian Guidelines for the Estimation and Classification of Coal Resources, (2014)". The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement 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 the original market announcement.

ASX Code: LNY Page 11 of 12



## **Schedule of Interests in Mining Tenements**

Laneway Resources Limited held the following interests in mining and exploration tenements as at 30 June 2018: There were no changes in the quarter.

#### **Queensland Tenements**

Type & Title No.	Location	Interest
MDL402	Agate Creek	100%
EPM17788	Agate Creek	100%
EPM26460	Agate Creek	100%
MLA 100030	Agate Creek	100% Application

#### **NSW JV Tenements**

Type & Title No.	Location	Interest
EL6234	Ashford	100%
EL6428	Ashford No III	100%

#### **New Zealand Tenements**

Type & Title No.	Location	Interest
EP53469	Waitekauri	100%
EP54216	Owharoa	100%

ASX Code: LNY Page 12 of 12