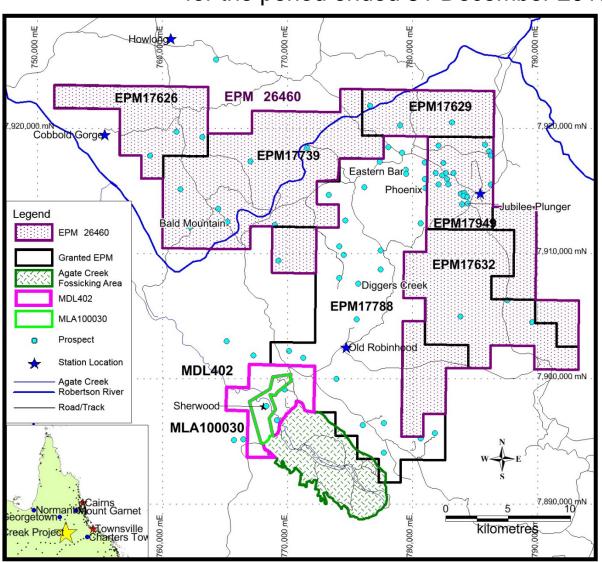
# LANEWAY RESOURCES

# **Quarterly Activities Report**

for the period ended 31 December 2017



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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 program commenced during the quarter on EP 54216 within Laneway's NZ Gold Project testing one of several targets within the highly prospective mineralised corridor untested during the farmin period with Newcrest.
- Drilling was completed during early January to a final depth of 790.8m. Several highly silicified zones were intercepted within the target zone and have now been logged, sampled and sent for analysis.
- + Assay results expected in the next few weeks.

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

- ♣ Approval received subsequent to the end of the quarter from the Department of Natural Resources and Mines for the grant of EPM 26460 for 5 years which will replace, following the conditional surrender of, EPM's 17739, 17949, 17626, 17629 & 17632. The consolidation of these tenures will lead to significant time and cost savings on reporting and administration matters and will assist in efficiently being able to meet overall tenement expenditure requirements.
- → 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 2018.
- 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 reviewed.

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

- ◆ The previously announced acquisition of New Hope Corporation's 50% of the Ashford Coking Coal Project was completed on 31<sup>st</sup> January 2018 taking Laneway to 100% ownership of the project.
- An increased resource estimate was completed during the quarter. The new 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 within EL 6324. This resource estimate is compliant to 2012 JORC and will assist in progressing the project with the planned conversion of the existing Exploration Licenses 6234 and 6428 to a Mining Lease.
- It is planned to commission a detailed feasibility study during the Mining Lease assessment period focusing on the mining and transport of the Ashford premium metallurgical coking coal product to steel makers.

#### Corporate

- **+** Expenditure of \$411,000 on projects in the quarter.
- + Additional Projects and Joint Ventures are also being reviewed.

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# **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 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

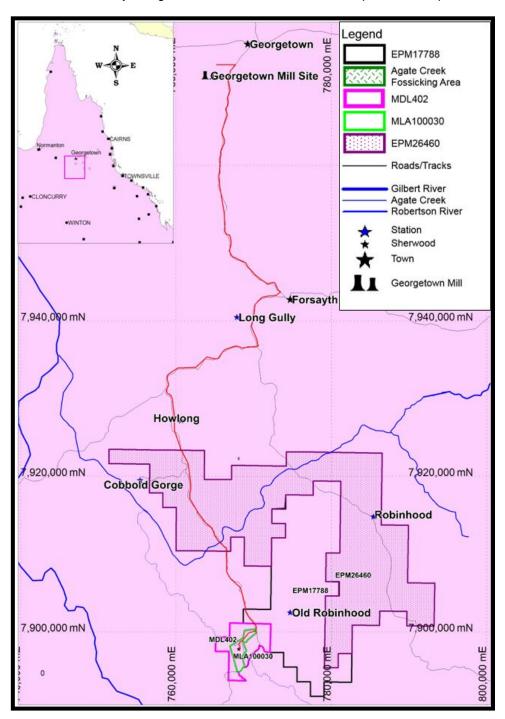
- 100% interest
- Coking Coal

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# 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 grant of EPM 26460 the project area now covers a total of 647.5 km². Comprised of the following tenures EPM's 17788, 26460 and MDL402. Subsequent to the end of the quarter, the DNRM approved the consolidation of a number of EPM's with their conditional surrender into EPM 26460 which will lead to significant cost and time savings with reporting and administration and will assist in efficiently being able to meet overall tenement expenditure requirements.



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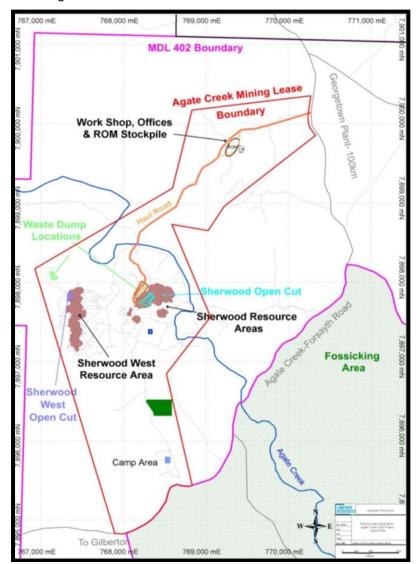
# **Mining Lease Application (MLA 100030)**

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 are now being progressed 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 options are available and 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

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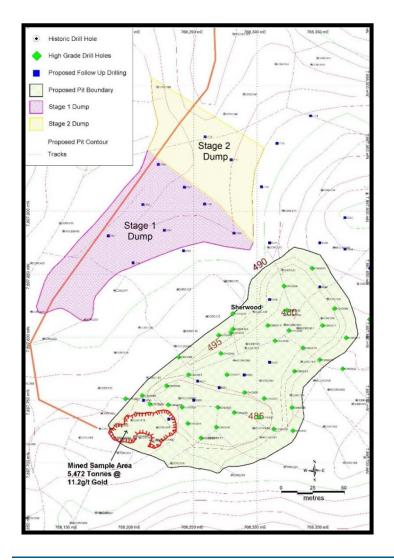


### **Mineral Resource**

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 Sul	b Set	Set Cut-Off Grade		Indicated		Inferred		Total				
		Au	u (g/t)	kt	Gold (g/t)	Gold (oz)	kt	Gold (g/t)	Gold (oz)	kt	Gold (g/t)	Gold (oz)
Sherwood	ı		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 1 - Mineral Resource Figures and Table 2 - High Grade sub set for Mineral Resource



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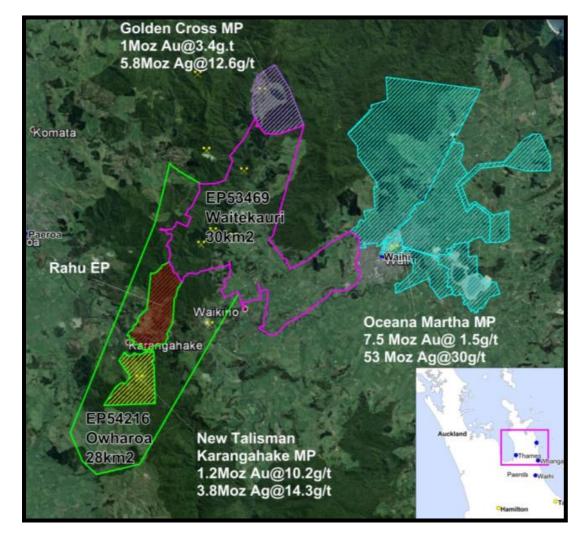
# **New Zealand Gold Project (100% LNY)**

The project comprises two granted exploration permits (EP53469 and EP54216). The Project is located on the North Island of New Zealand within the Hauraki goldfield, within the mineralised corridor that is host to Oceana operating Martha Mine (Waihi); The Golden Cross gold-silver mine and also extends through the New Talisman Karangahake Project.

The Hauraki goldfields have yielded in excess of 45 million ounces of gold and silver from approximately 50 low-sulphidation epithermal deposits. Andesite-hosted deposits comprise about 95% of past gold production. Gold and silver are localised in quartz veins that range up to 30m wide and approximately 800m long. Gold and silver occur in sheeted and stockwork quartz veins, breccia pipes and disseminated in hydrothermally altered wall rocks, typical of hot springs type epithermal gold deposits.

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 mineralization throughout a >7 km long prospective corridor. There is also the potential to delineate near surface resources that may be amenable to standard open cut mining techniques.

A 5-year Extension of Duration (EoD) was recently granted by NZP&M over the Owharoa EP 54216. The Project area now covers 58km². Significant targets still exist within this highly prospective mineralised corridor with several drill ready targets undergoing final permit approvals.



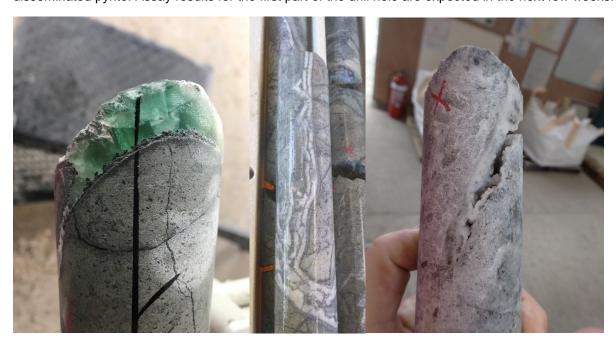
**New Zealand Project Tenure and Near-by Resources** 

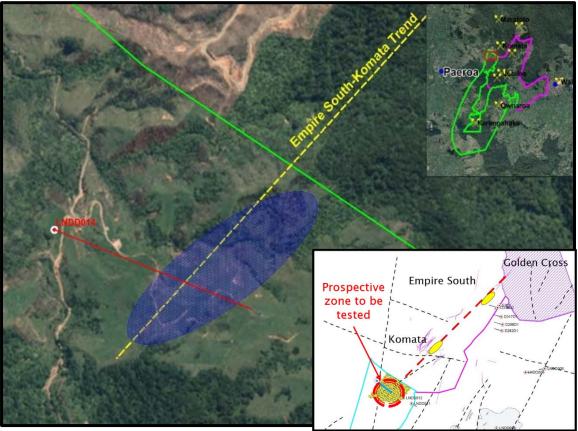
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# **Current Exploration Drilling**

Drilling started on 28<sup>th</sup> November 2017 on the Komata Extension hole LNDD014. This hole is planned to intersect the southern extension of the Empire South-Komata trend which was highlighted by anomalous surface geochemistry completed during the last quarter. Drilling, logging and selective sampling of the drill hole to 790.8m has now been completed with samples sent off in 2 assay batches. The drill hole has consisted of variably altered andesite with several strongly altered and silicified zones within the target area, along with banded to brecciated quartz veining, minor fluorite veins and disseminated pyrite. Assay results for the first part of the drill hole are expected in the next few weeks.





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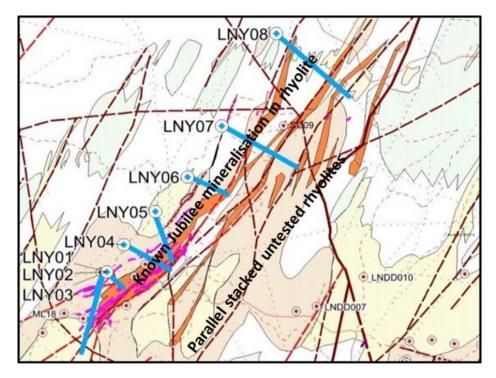


### **Planned Exploration**

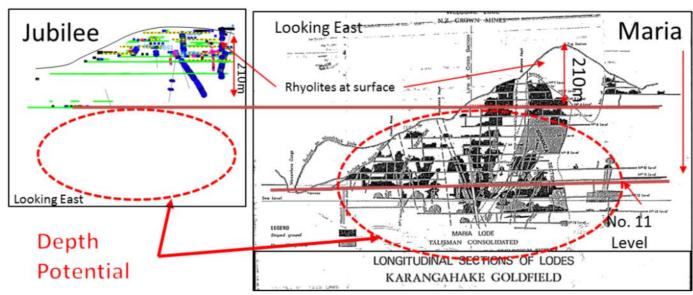
There are still several drill ready target areas within the project area. The most exciting of these areas is the 500m long Jubilee trend which was historically mined around the turn of last century. Recorded production was 1,300Oz of bullion from 2,118tons of quartz and several historical reports also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

The Jubilee area has only had 2 holes deeper than 200m drilled and as such retains significant open depth potential, particularly when compared to the Maria vein within the Karangahake Mine which sits 7km directly along trend. Images show the planned drilling plus the current depth of the Jubilee workings compared with the Karangahake Mine.

All approvals are now in place for this drilling and it is expected to start in the coming months.



Current planned holes along Jubilee trend



Sections showing comparison between Jubilee and Karangahake.

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# **Ashford Coking Coal Project**

The Ashford Coking Coal Project is located approximately 60km north of Inverell (northern NSW) and, prior to the recently completed acquisition, comprised a 50/50 joint venture with Northern Energy Corporation, a 100% owned subsidiary of New Hope Corporation and Renison Coal Pty Ltd a wholly owned subsidiary of Laneway Resources Ltd,

During the Quarter, Laneway entered into a Sale and Purchase Agreement and the acquisition was completed subsequent to the end of the quarter. NEC will now transfer its Participating Interest in the existing Joint Venture and Farmin Agreement to Renison Coal and terminate the Joint Venture and Farmin Agreement. With the purchase now complete, Laneway now have a 100% interest in the project.

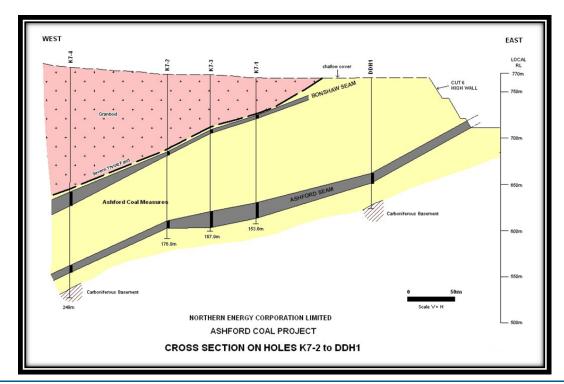
Laneway intends to progress the project towards a Mining Lease Application over the resource area within the next 12 months.

#### **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%.

Method	Indicated (Mt)	Inferred (Mt)	Total (Mt)
Open Cut	5.4	4.0	9.4
Underground	1.0	4.3	5.4
Total	6.5	8.3	14.8



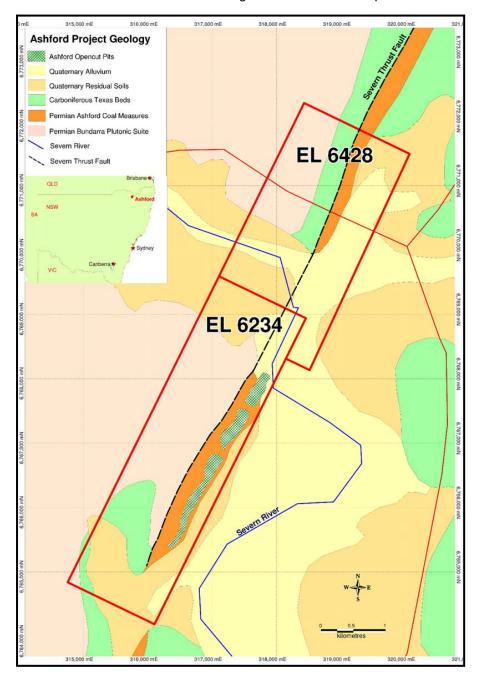
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## **Geology**

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.



Location of Ashford Coking Coal Project Tenure.

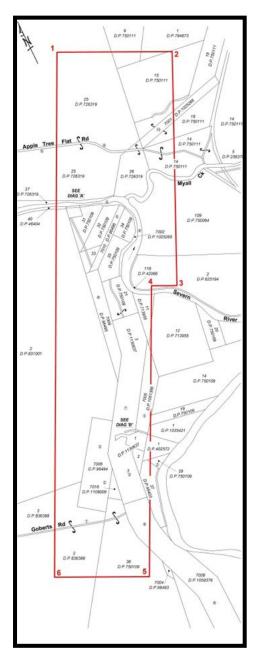
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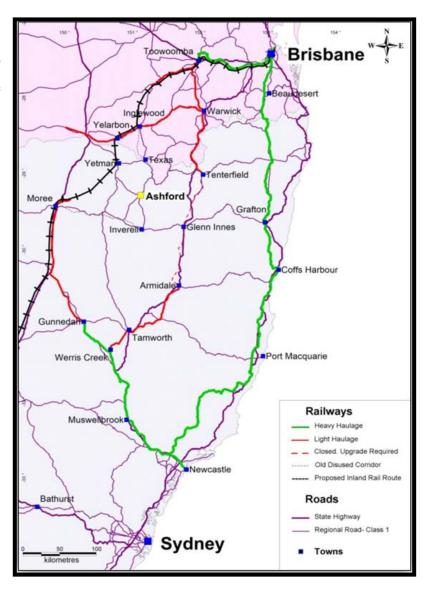


#### Infrastructure

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 2018.

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# **Corporate**

During the quarter Laneway issued a total of 161,066,072 shares at \$0.00333 per share raising \$536,350.

A total of \$411,000 was spent on exploration projects in the quarter with \$58,000 on the Agate Creek project, \$297,000 on the New Zealand exploration project and \$56,000 on the Ashford Coal project.

Laneway also paid \$375,000 to NEC on 31st January 2018 as part of the agreed acquisition of their 50% interest in the Ashford Coking 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 Statement**

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.

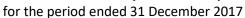
The information relating to the Mineral Resources at the Ashford Coking Coal Project is extracted from the ASX Announcement as follows:

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.

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# **Schedule of Interests in Mining Tenements**

Laneway Resources Limited held the following interests in mining and exploration tenements as at 30 December 2017: There were no changes in the quarter. As noted EPM 26460 consolidating EPM's 17739, 17949, 17626, 17629 & 17632 was granted 5<sup>th</sup> January and the acquisition of 100% of the NSW tenements was completed on 31 January 2018.

#### **Queensland Tenements**

Type & Title No.	Location	Interest
MDL402	Agate Creek	100%
EPM17632	Agate Creek	100%
EPM17788	Agate Creek	100%
EPM17949	Agate Creek	100%
EPM17626	Agate Creek	100%
EPM17739	Agate Creek	100%
EPM17629	Agate Creek	100%
EPMA26460~~	Agate Creek	100% Application
MLA 100030	Agate Creek	100% Application

<sup>~~</sup> Conditional Surrender application over EPM's 17739, 17632, 17949, 17626, 17629

#### **NSW JV Tenements**

Type & Title No.	Location	Interest
EL6234	Ashford	50%
EL6428	Ashford No III	50%

#### **New Zealand Tenements**

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

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