

# **Quarterly Activities Report**

for the period ended 30 September 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**

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

- The Mining Lease Application process (MLA 100030) which covers the high grade near surface Sherwood and Sherwood West Prospects - continues to progress towards grant. Arrangements with the Traditional Owners regarding compensation and employment and training opportunities now being progressed.
- Mining is planned to commence shortly after Mining Lease grant. Mine planning for phase 1 is complete very simple near surface orebody.
- 3<sup>rd</sup> party processing options the Georgetown Mill is currently being taken off Care and Maintenance with re-commissioning of the mill advised by its operator as being expected to be completed prior to the end of 2017.

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

- Significant targets still exist within this highly prospective mineralised corridor with several drill ready targets undergoing final permit approvals and currently planned to be drilled during the NZ summer.
- **+** Laneway continuing discussions with possible new joint venture partners.

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

- Agreement entered into to purchase the other 50% of the Ashford project currently held by New Hope Corporation (NHC).
- This acquisition delivers Laneway Resources Ltd, through its wholly owned subsidiary Renison Coal Pty Ltd, 100% ownership and management control of the project including the coking coal within the Exploration Licences at Ashford in northern NSW.
- Laneway are currently upgrading the mineral resource to 2012 JORC compliance and intend to progress the project via the conversion of existing Exploration Licenses 6234 and 6428 to a Mining Lease. Laneway plans 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 end markets.

#### **Corporate**

- Expenditure of \$231,000 on projects in the quarter.
- Appointment of Peter Wright as NED.
- Additional Project opportunities are also being reviewed.

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# **Projects Overview**

Laneway Resources is a company at an exciting juncture of its development with a portfolio of projects inclusive of a growing resource inventory across commodities. Comprising multiple 100% owned projects in Queensland, New South Wales and New Zealand primarily targeting gold and the Ashford Coking coal project.



**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
  - Moving to 100% interest
  - Coking Coal

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

# Agate Creek Project Background

The Agate Creek Gold Project is located approximately 40km south of Forsayth and 60km west of Kidston in North Queensland. The project comprises as of EPM's 17788, 17632, 17949, 17739, 17626, 17629 and MDL402 covering a total of 576km². Consolidation of these EPM's with the conditional surrender application of EPMA 26460 which will lead to significant cost and time savings.

# Mining and Processing Agreement for Agate Creek

A Heads of Agreement (HoA) has been entered into with the operator of the Georgetown Processing Plant, Etheridge Operations Pty Ltd, to undertake mining operations at Agate Creek and process ore at the Georgetown Plant, which is currently being taken off care and maintenance with re- commissioning of the mill expected to be completed prior to 2018.

A detailed toll treatment agreement is currently being formalised between the parties, with the expectation of mining and processing still starting this year.

Other 3<sup>rd</sup> party processing plant options are also available and being assessed.

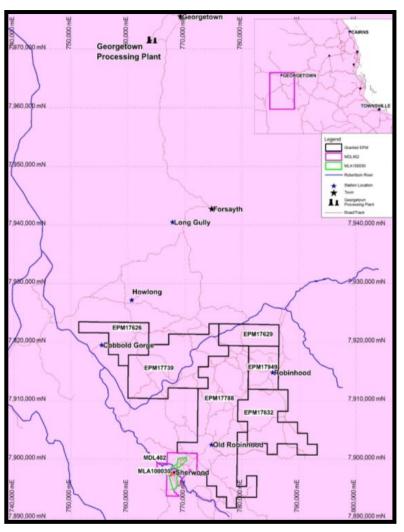


Figure 1 Location of Agate Creek Project Tenure



Figure 2 EOPL's Georgetown Gold Processing Plant

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## Mining Lease Application (MLA 100030)

Mining Lease Application (MLA 100030) was lodged with Queensland's Department of Natural Resources and Mines (DNRM) over its 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.

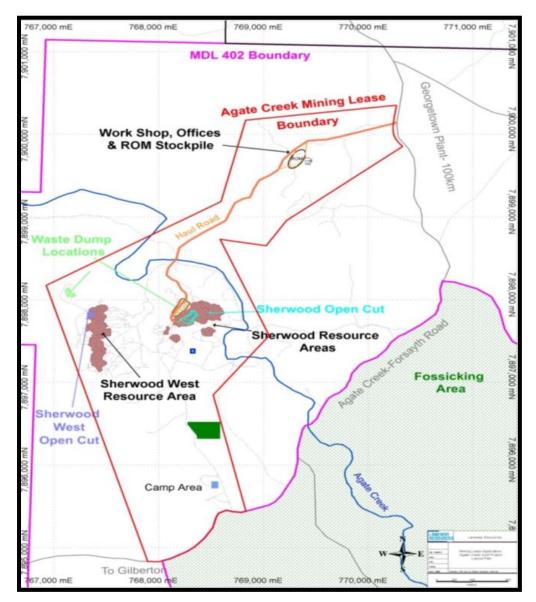


Figure 3 ML Application 100,030 which hosts Laneways Mineral Resources

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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 and is reported on the same basis as the previous resource statement. 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 and reported 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				
		Au	u (g/t)	kt	Gold (g/t)	Gold (oz)	kt	Gold (g/t)	Gold (oz)	kt	Gold (g/t)	Gold (oz)
Sherwood	I		2	89	6.01	17,300				89	6.01	17,300
Sherwood West			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 - Updated Mineral Resource Figures and Table 2 - High Grade sub set for Mineral Resource

The introduction of the high-grade domains provides a basis for assessing near surface material suitable for open pit mining and toll treating at existing processing facilities. Deeper high-grade zones at Sherwood present underground targets but require additional interpretation and drilling to be defined with confidence.

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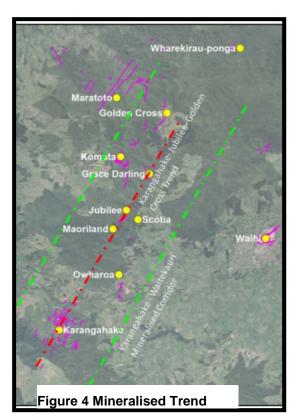
# **New Zealand Gold Project (100% LNY)**

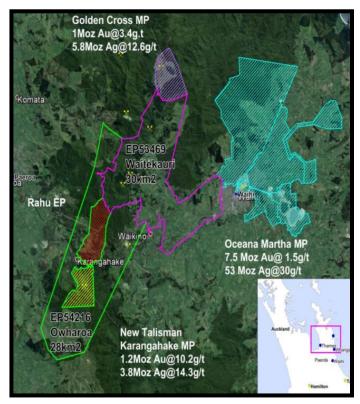
## **Background on the Project Area**

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.





#### Figure 5 New Zealand Project Tenure and Near-by Resources

## **Exploration Update**

As part of the 5 year Extension of Duration (EoD) process Laneway has recently applied to reduce the area of the Owharoa EP54216 permit from 40.5km2 to 28km2. Reduction of area is a statutory requirement of the EoD process. The area relinquished demonstrated low prospectivity.

The project now covers 58km2 across the 2 permits.

Significant targets still exist within this highly prospective mineralised corridor with several drill ready targets undergoing final permit approvals.

Laneway intends to identify high priority targets and subsequently drill these targets are during the NZ summer.

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#### **Recently Completed Exploration**

Extensive regional work has been completed along with a significant amount of detailed work on several prospects within the project area. The image below shows a compilation of work completed over the past several years. Work completed to date is listed below and has fulfilled the Phase 1 minimum commitment as part of the LNJV farm-in agreement with Newcrest.

- Collection of over 1500 surface geochemical samples,
- Extensive geological mapping along with geochemical sampling as required,
- Completion of two geophysical programs for over 31 line km of Induced Polarization (IP),
- Drilling of 13 diamond holes for over 5000m.

Newcrest Mining Ltd. (Newcrest) withdrew from the LNJV farm-in agreement having spent approximately NZD\$5million on ground while it completed the Phase 1 minimum work commitments. Laneway managed all on ground work and also earned a management fee (7.5%). Newcrest has now elected not to proceed with the Phase 2 work commitments as the project no longer fits within Newcrest's current corporate objectives.

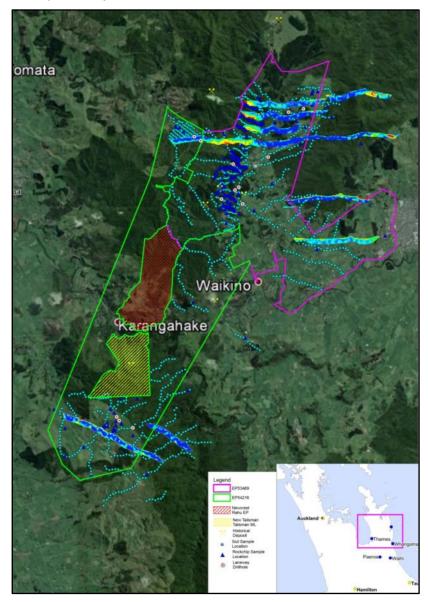


Figure 6 Work programs over Project. Including work prior to area reductions.

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#### **Planned Exploration Update**

There are still several drill ready target areas within the project area. The most compelling 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 drilled below a depth of 200m 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.

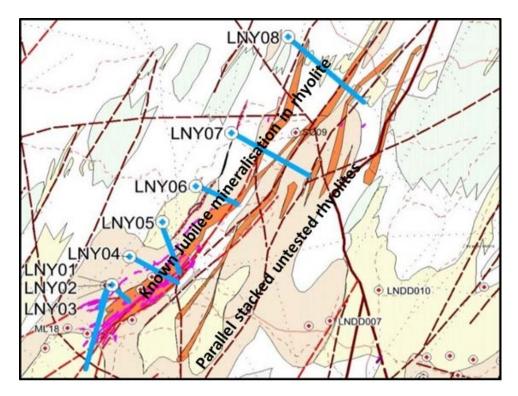


Figure 7 Current planned holes along Jubilee trend

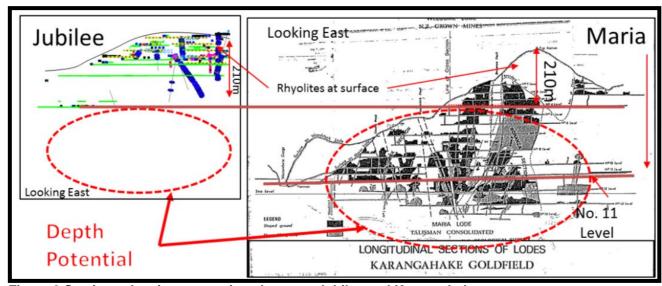


Figure 8 Sections showing comparison between Jubilee and Karangahake.

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# **Ashford Coking Coal Project**

Subsequent to the end of the quarter Laneway has agreed to acquire 100% of the project, from the previous structure of a 50/50 joint venture with Northern Energy Corporation, a 100% owned subsidiary of New Hope Corporation. Laneway has also taken over control and management, with the intention to advance the tenure towards obtaining a Mining Lease. The Ashford Coking Coal project is located approximately 60km north of Inverell (northern NSW). Ashford is an advanced stage coking coal project with an identified resource.

Quality test work confirms an in place high ranking coking coal product. Laneway is currently upgrading the current 2004 JORC compliant Resource to 2012 JORC requirements and expect to complete this process shortly. Ongoing desktop studies are investigating the possibility of a small scale mining operation being started with low Capex following Mining Lease grant.

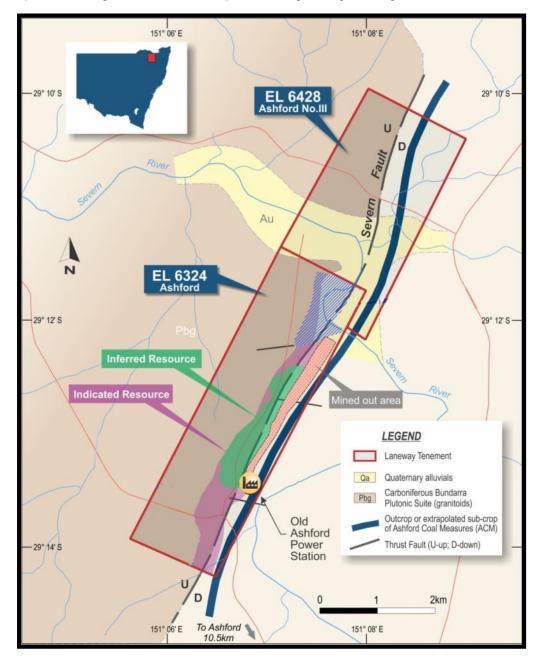


Figure 9 Location of Ashford Coking Coal JV Project Tenure.

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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-persistant and is currently of no economic interest. A cross section that demonstrates the structural setting within the Ashford deposit is shown below:

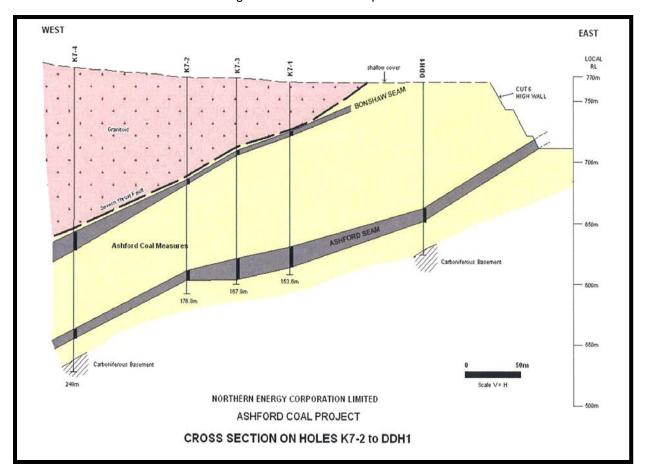


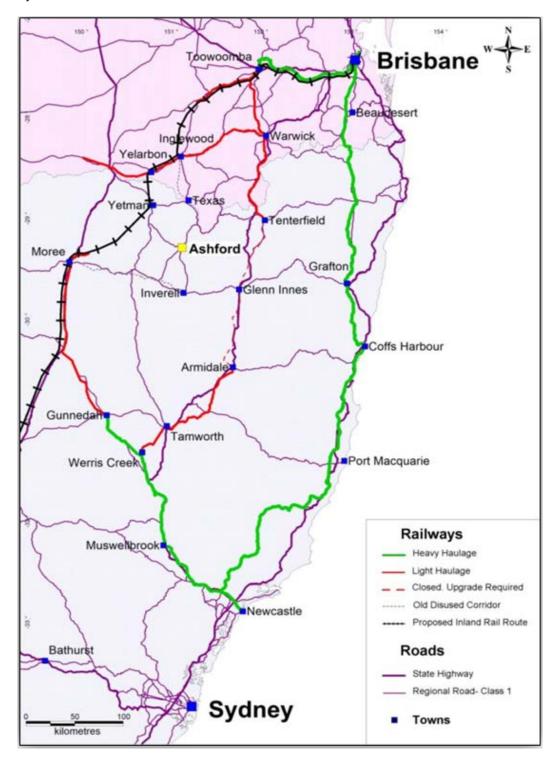
Figure 10 Cross Section of Drilling on Ashford Coking Coal JV Project.

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#### **Infrastructure**

Several logistical pathways to market have been reviewed independently and are being considered by Laneway.



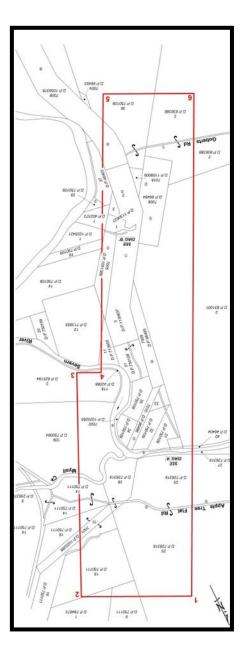
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# **Mining Lease Application**

The mining lease application area is marked at right - covering the known resource areas and includes land for mining, stockpiles and a Coal Handling Preparation Plant (CHPP) if required. .





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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 September 2017: There were no changes in the quarter.

#### **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%

A total of \$231,000 was spent on exploration projects in the quarter with \$143,000 on the Agate Creek project, \$82,000 on the New Zealand exploration project and \$7,000 on the Ashford Coal project.

#### For further information contact:

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Chairman, Laneway Resources

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#### **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.

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