

28 April 2016

Company Announcements Office  
ASX Limited  
PO Box H224, Australia Square  
Sydney NSW 2000

## **ACTIVITIES REPORT FOR THE QUARTER ENDED 31 MARCH 2016**

The exploration activity of Hampton Hill Mining NL is centred on the Millennium Zinc Project. The Company holds a significant royalty interest over the Apollo Hill Gold Project and some other royalty interests. It also holds a substantial shareholding in the base metal and gold explorer Peel Mining Ltd.

### **HIGHLIGHTS:**

- A passive seismic trial was recently completed at the Millennium Zinc Project to map cover depth and potentially provide additional structural information to assist with drill planning.
- An exercise of removing cover interference from the gravity modelling at Millennium is in progress and will be completed in May.
- Drilling at Millennium is scheduled to re-commence in June.
- High grade gold hits at Apollo Hill suggest southern extensions to target zone.

### **THE MILLENNIUM ZINC PROJECT**

Hampton Hill Mining NL (Hampton) owns 10% of this project. Phase Three of the joint venture earning arrangements continued during the quarter whereby Hampton is expanding its total project ownership to 25% by contributing \$1 million of \$2 million of joint venture expenditure.

The Project Managers, Encounter Resources Ltd, have forwarded the following Quarterly Report:

**Millennium Zinc Project**– Encounter 90%/HHM 10% in E45/2501, E45/2561 and the four eastern sub-blocks of E45/2500. (See Figure 1)

### ***Background***

*The Millennium Project lies on the north eastern margin of the Encounter managed Yeneena Project at the intersection of the NNW trending Tabletop Fault and the NE orientated Tangadee structural lineament. This intersection of two metallogenically important structural corridors is a first order structural target and typical of the style of structural setting that is associated with large scale metal deposits.*

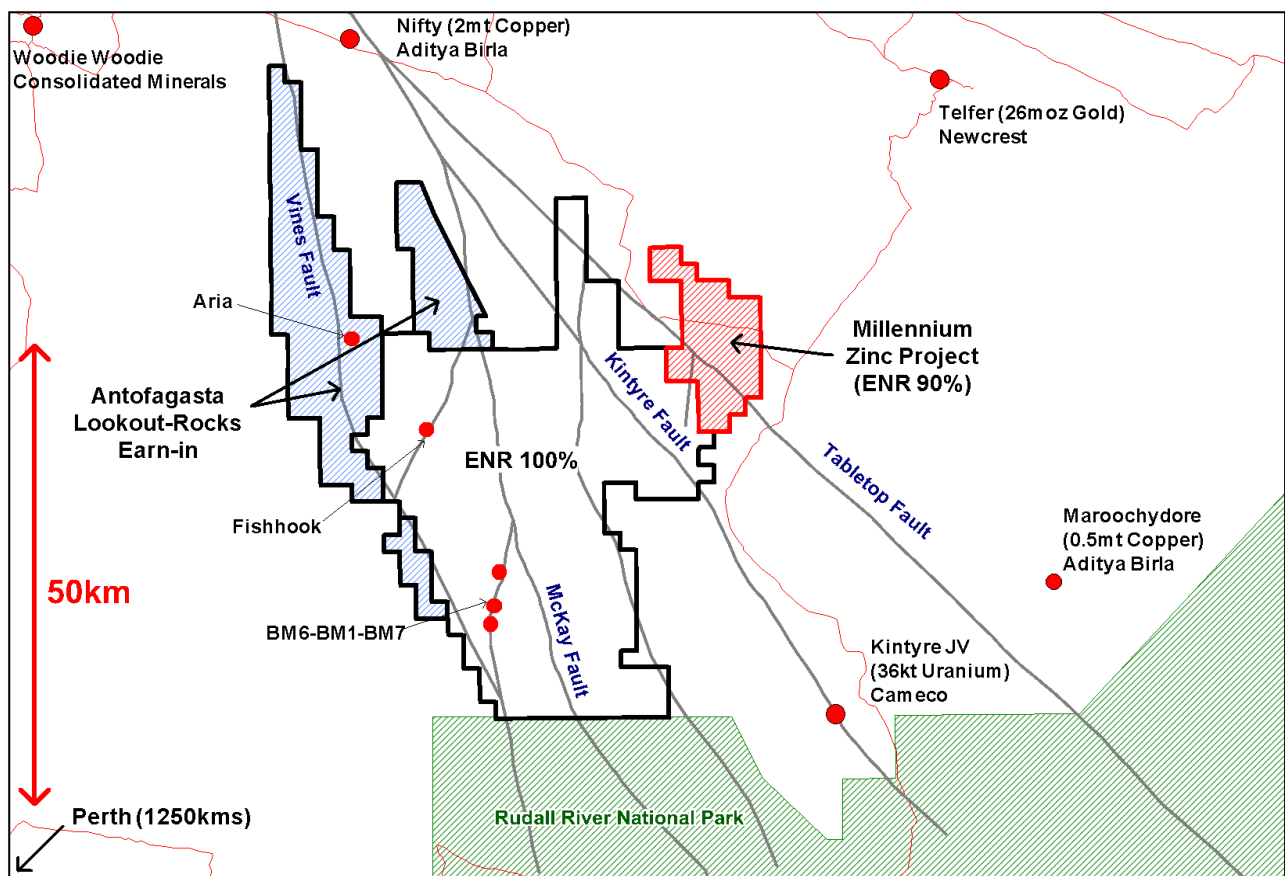


Figure 1 Encounter Resources Limited project map identifying the location of the Millennium Zinc Project

Previous aircore and RC drilling by Encounter has defined a 3 kilometre long zinc regolith anomaly that remains open to the south-east. Diamond drilling at Millennium has intersected a thick zinc gossan at the contact between a brecciated carbonate and a thick sequence of carbonaceous shales of the Broadhurst Formation. Previous assay results from the gossan include, (Refer ASX release 9 July 2015):

38.7m @ 0.9% Zn in EPT2201 from 255.8m and

91.8m @ 1.6% Zn in EPT2203 from 344.4m

Extremely high tenor zinc sulphide mineralisation, in the form of sphalerite, has been intersected below the gossanous unit and returned assays of, (Refer ASX releases 12 January 2015 and 13 December 2013):

0.7m @ 36.7% Zn in EPT1854 from 430m and

7m @ 4.8% Zn in EPT 2198 from 233m

Three high priority target zones have been identified for follow up in 2016 (see Figure 3):

1. Target Zone Central – large untested target area south-east of the strongly mineralised gossan intersection EPT2260.
2. Target Zone South-East - interpreted zone of coherent zinc sulphide mineralisation including EPT 2198 (7 metres assaying 4.8% zinc) that is open and strengthening to the south-east.

3. Target Zone North West – high-grade zinc sulphide mineralisation intersected in EPT1854 (0.7 metres assaying 36.7% zinc) that remains open downdip and along strike to the north and west.

### Next Steps

At the south-east of the project, the gravity data collected in the December 2015 quarter is being interpreted in conjunction with other geophysical and geochemical datasets previously collected by Encounter.

A passive seismic trial was completed in April 2016. The objective of this survey is to map cover depth and potentially provide additional structural information to assist with drill planning.

An exercise of removing cover noise from the gravity model has commenced. The objective is to produce a cover corrected gravity image. (Refer figure 2)

The comprehensive geochemical, structural and geophysical review is progressing. The results of this will be used to design a program of systematic drill testing of the three high priority target zones identified.

Drilling is scheduled to commence in early June 2016.

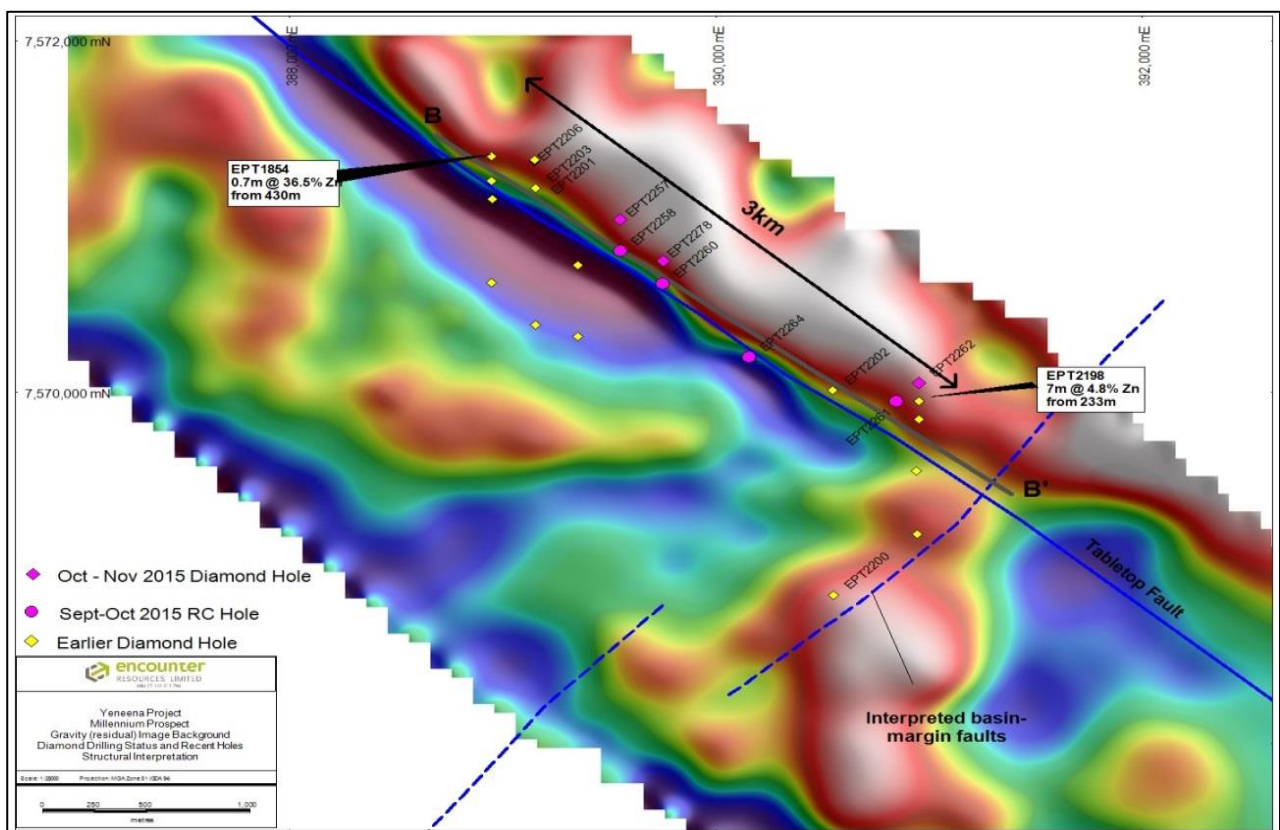


Figure 2 Drill hole collar location – Millennium

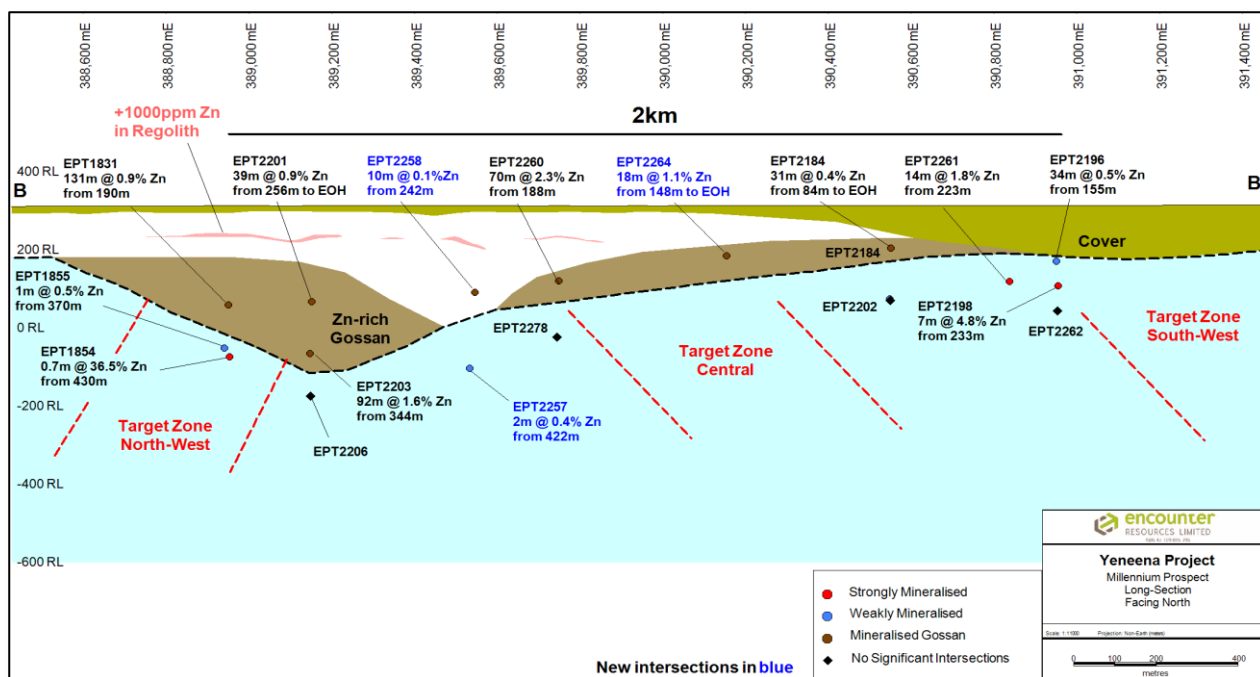


Figure 3 Drill hole long section (B – B') – Millennium showing diamond and recent RC holes only

## THE PEEL MINING INVESTMENT AND APOLLO HILL

Hampton is a substantial shareholder in Peel Mining Limited (Peel), owning 12.5 million shares in that company, representing approximately 9.5% of the issued capital, and also holds a 5% gross royalty on all gold produced in excess of 1 million ounces at Apollo Hill.

Peel's primary asset is the Mallee Bull project, south of Cobar, New South Wales, in a 50% contributing joint venture with CBH Resources Limited. Most of Peel's other large tenement holdings in the Cobar Super Basin are being explored in joint venture with the Japan Oil Gas and Metal National Corporation (JOGMEC). Peel has recently reported exciting copper intersections from the Wirlong target which is within their JOGMEC joint venture area and has commenced further drilling. Shareholders are referred to the Peel website (ASX: PEX) for further information on Peel's Cobar projects.

Peel is also exploring the Apollo Hill Gold Project located near Leonora in the Western Australian goldfields and has forwarded the following report to Hampton which details the results of recent drilling at the project:

*Peel Mining Ltd is pleased to advise that recent drilling at its 100%-owned Apollo Hill gold project near Leonora WA, has returned multiple high grade gold drill intercepts. Drilling was designed to assess the potential to expand Apollo Hill's existing JORC inferred resource estimate of 17.2 million tonnes at 0.9 g/t Au for 505,000oz of gold using a 0.5 g/t Au cut-off; (see ASX release dated 9.9.2011 – "48% Jump in Apollo Hill gold resource to 505,000oz"). These drilling results extend the Apollo Hill Main Zone mineralisation by up to 220m along strike south-east, remaining open to the south-east.*

## **RC Drilling**

The programme of work comprised 7 new RC drillholes (PARC033 to PARC039) and an extension to an existing RC drillhole (PARC031) for 1,803m. The programme aimed to extend the limits of known mineralisation of the Apollo Hill Main Zone, both laterally and at depth, as well as infill an area of sparse drilling in the south-eastern portion. Encouragingly, significant mineralised intercepts were returned from multiple drillholes.

Drillholes PARC036 and an extension to PARC31 were designed to test for mineralisation beyond the south-eastern limits of the current resource domain. Encouragingly, both drillholes returned extensional mineralisation with PARC036 **returning 8m @ 6.39 g/t Au from 71m (incl. 3m @ 15.6 g/t Au from 74m) and 10m @ 4.23 g/t Au from 94m (incl. 3m @ 9.42 g/t Au from 95m)** whilst PARC031 returned **28m @ 0.86 g/t Au from 207m**, indicating good potential to extend the Apollo Hill resource further to the south-east.

Drillholes PARC037 and PARC038 were designed to infill an area of sparse drilling in the south-eastern portion of the Apollo Hill Main Zone mineralisation. Both drillholes intersected zones of gold mineralisation with PARC037 returning **1m @ 8.09 g/t Au from 47m and 1m @ 4.77 g/t Au from 120m** whilst PARC038 returned **5m @ 1.56 g/t Au from 19m, 1m @ 4.4 g/t Au from 53m, 1m @ 5.20 g/t Au from 95m, 1m @ 4.23 g/t Au from 113m, 1m @ 19.55 g/t Au from 142m and 1m @ 8.50 g/t Au from 162m.**

Drillholes PARC033, PARC034 and PARC035 were all drilled to test for downdip extensions to the Apollo Hill Main Zone mineralisation. All drillholes intercepted multiple gold mineralised zones with PARC033 returning **10m @ 0.76 g/t Au from 214m**, PARC034 returning **5m @ 1.71 g/t Au from 209m, 1m @ 7.51 g/t Au from 246m and 1m @ 42.77 g/t Au from 287m**, and PARC035 returning **12m @ 0.85 g/t Au from 258m.**

Drillhole PARC039 was designed to test for mineralisation beyond the north-western limits of the current resource domain, however only minor mineralisation was returned.

Multiple gold mineralisation events are interpreted to have occurred at Apollo Hill during a complex deformational history with gold mineralisation accompanied by quartz veins and carbonate-pyrite alteration associated with a mafic-felsic contact. Mineralised intercepts reported above are interpreted to be close to true widths.

Planning for follow-up work is now underway.



## Metallurgical Testwork

In addition to recent drilling at Apollo Hill, an additional phase of metallurgical testwork has been underway since early 2016 and is now nearing completion. This testwork has comprised: column leach (simulated heap leach) and associated tests on 4mm and 8mm; agitated leach tests at P80 sizes of 300µm, 150µm and 75µm with, and without, upfront gravity gold; gravity recoverable gold; and a standard bond ball mill work index for milling to a P80 of 75µm. Results remain pending and will be reported when finalised.

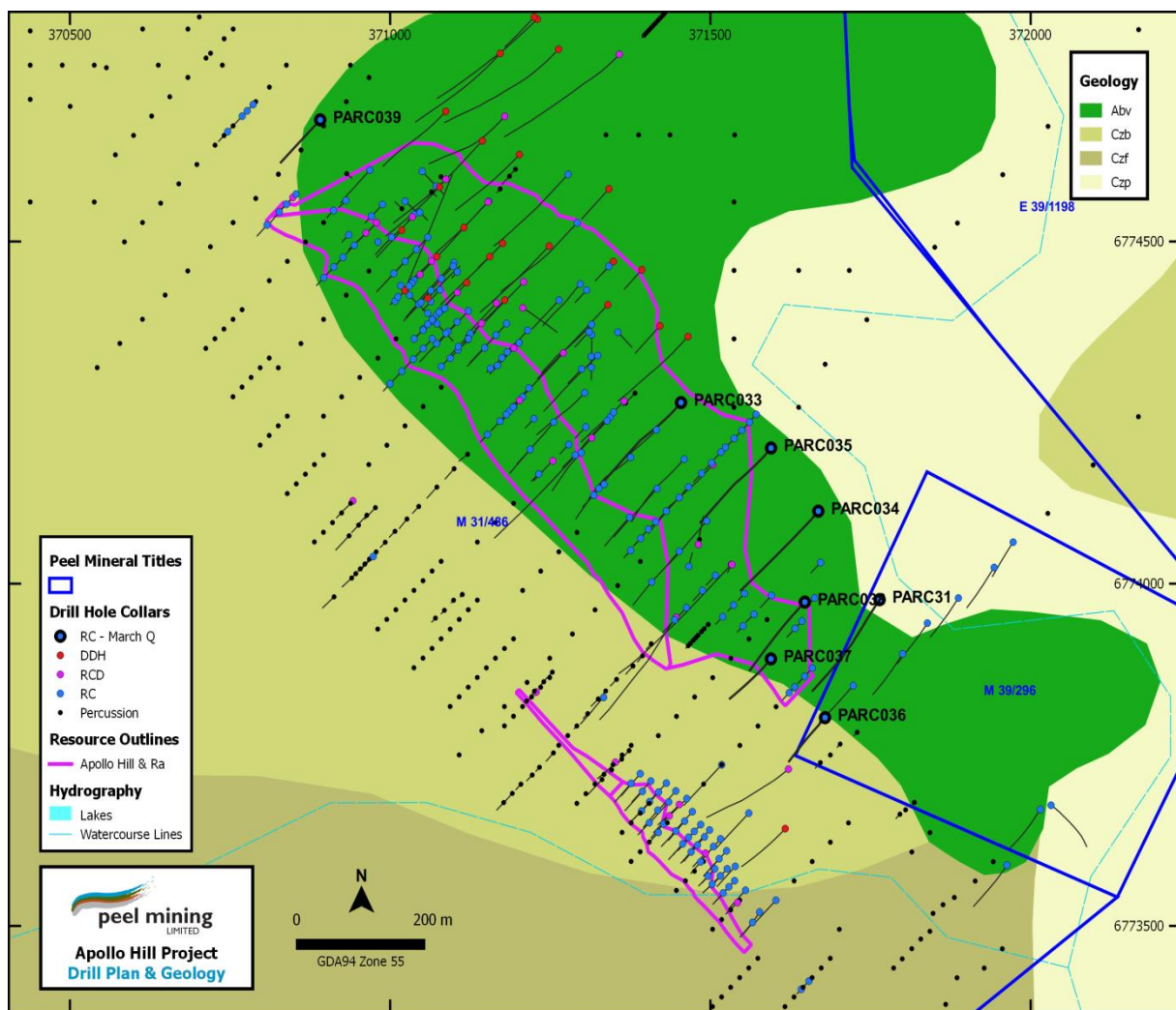


Figure 4

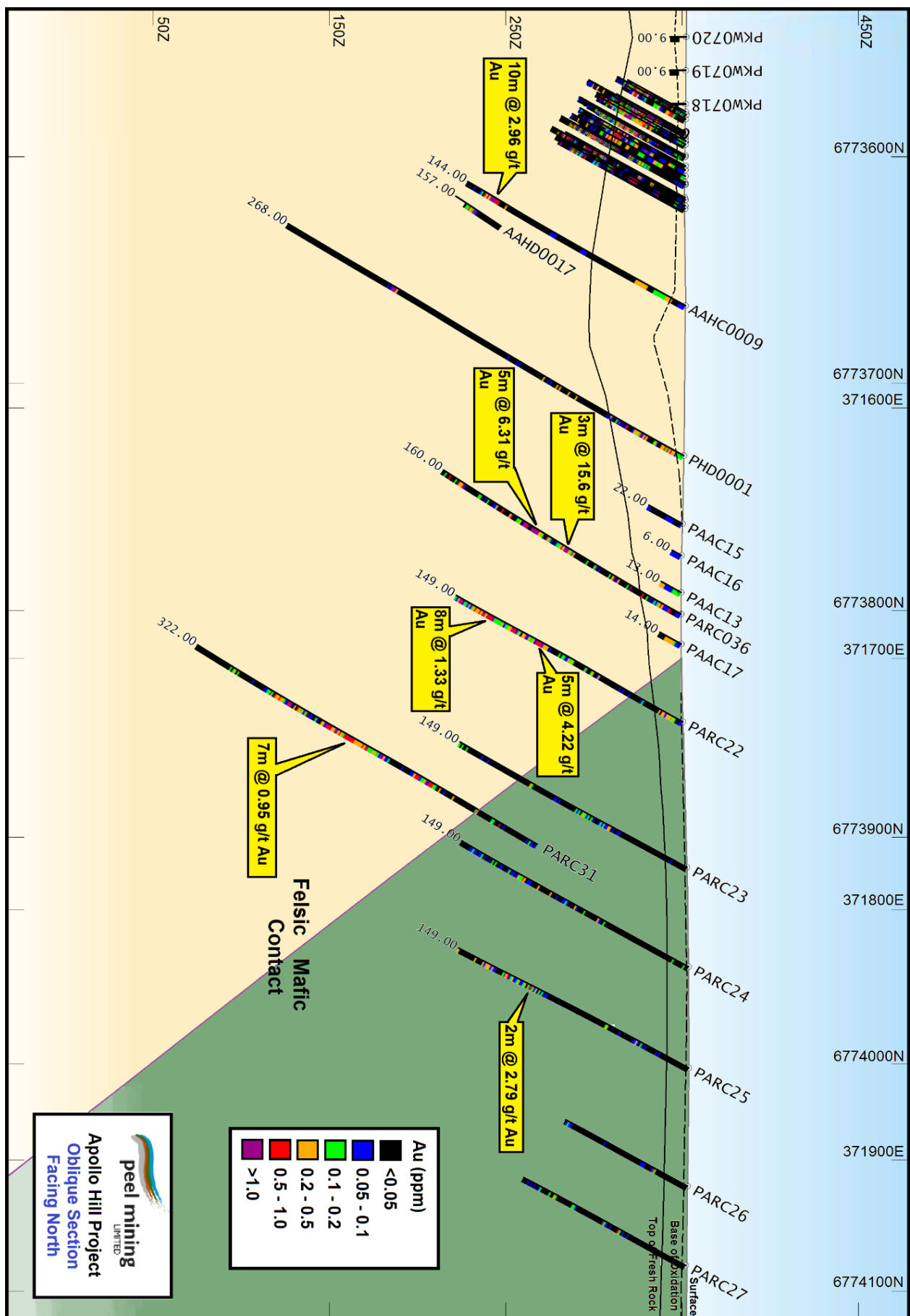


Figure 5

**Competent Persons Statements**

*The information in this report that relates to Exploration Results is based on information compiled by Rob Tyson who is a fulltime employee of the company. Mr Tyson is a member of the Australasian Institute of Mining and Metallurgy. Mr Tyson has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Tyson consents to the inclusion in this report of the matters based on information in the form and context in which it appears. Exploration results are based on standard industry practices, including sampling, assay methods, and appropriate quality assurance quality control (QAQC) measures.*

**THE HAMPTON HILL NON-FERROUS JOINT VENTURE**

Hampton has the right to 100% ownership of any non-ferrous ores defined within the HHMJV tenements and the SinoMidwest wholly owned tenements in the Weld Ranges. Hampton will pay a 1.5% net smelter royalty on any ore mined from the SinoMidwest tenements, but is not required to pay any royalty to SinoMidwest on any non-ferrous ore found on the HHMJV tenements. No field work was carried out during the quarter.

**ROYALTIES**

The primary royalty held by the Company is a 5% gross production royalty on all gold recovered in excess of 1 million ounces from the Apollo Hill Project located near Leonora, Western Australia. The project is reported on above. Peel has previously announced an inferred near-surface resource at Apollo Hill of over 500,000 ounces grading 0.9 grams per tonne gold.

Hampton also has several Royalty entitlements which will provide cash flow if and when the projects to which they attach are put into production.

These include a 2% FOB royalty on any iron ore production from the tenements previously the subject of the Hampton Hill Mining Joint Venture with Sino-Midwest in the Weld Ranges of Western Australia.

Joshua Pitt  
Chairman



# Appendix 5B

## Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13

Name of entity

**HAMPTON HILL MINING NL**

ABN

**60 060 628 524**

Quarter ended ("current quarter")

**31 March 2016**

### Consolidated statement of cash flows

Cash flows related to operating activities		Current quarter \$A'ooo	Year to date (6 months) \$A'ooo
1.1	Receipts from product sales and related debtors	-	-
1.2	Payments for (a) exploration & evaluation	(2)	(770)
	(b) development	-	-
	(c) production	-	-
	(d) administration	(43)	(258)
1.3	Dividends received	-	-
1.4	Interest and other items of a similar nature received	-	2
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Other (provide details if material)	27	92
	<b>Net Operating Cash Flows</b>	<b>(18)</b>	<b>(934)</b>
<b>Cash flows related to investing activities</b>			
1.8	Payment for purchases of: (a) prospects	-	-
	(b) equity investments	-	-
	(c) other fixed assets	-	-
1.9	Proceeds from sale of: (a) prospects	-	-
	(b) equity investments	-	42
	(c) other fixed assets	-	-
1.10	Loans to other entities	-	-
1.11	Loans repaid by other entities	-	-
1.12	Other (provide details if material)	-	-
	<b>Net investing cash flows</b>	<b>-</b>	<b>42</b>
1.13	Total operating and investing cash flows (carried forward)	<b>(18)</b>	<b>(892)</b>

1.13	Total operating and investing cash flows (brought forward)	(18)	(892)
	<b>Cash flows related to financing activities</b>		
1.14	Proceeds from issues of shares, options, etc.	-	-
1.15	Proceeds from sale of forfeited shares	-	-
1.16	Proceeds from borrowings	150	350
1.17	Repayment of borrowings	-	-
1.18	Dividends paid	-	-
1.19	Other (provide details if material)	-	-
	<b>Net financing cash flows</b>	<b>150</b>	<b>350</b>
	<b>Net increase (decrease) in cash held</b>	<b>132</b>	<b>(542)</b>
1.20	Cash at beginning of quarter/year to date	51	725
1.21	Exchange rate adjustments to item 1.20	-	-
1.22	<b>Cash at end of quarter</b>	<b>183</b>	<b>183</b>

### Payments to directors of the entity, associates of the directors, related entities of the entity and associates of the related entities

		Current quarter \$A'ooo
1.23	Aggregate amount of payments to the parties included in item 1.2	5
1.24	Aggregate amount of loans to the parties included in item 1.10	-
1.25	Explanation necessary for an understanding of the transactions <b>1.16 &amp; 3.1</b> The loan facility is an unsecured working capital facility provided by companies associated with two directors on normal commercial terms and conditions – further details are set out in the 2015 Annual Report. It was increased by \$150,000 during the quarter and is fully drawn down. <b>4.4</b> Estimated administration cash flows are net of expected recovery of rent expenses. <b>4 &amp; 5</b> The Company expects to be able to supplement working capital, if necessary, through the realisation of financial assets.	

### Non-cash financing and investing activities

- 2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

N/A

- 2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

N/A

## Financing facilities available

Add notes as necessary for an understanding of the position.

	Amount available \$A'000	Amount used \$A'000
3.1 Loan facilities	550	550
3.2 Credit standby arrangements	-	-

## Estimated cash outflows for next quarter

	\$A'000
4.1 Exploration and evaluation	201
4.2 Development	-
4.3 Production	-
4.4 Administration	51
<b>Total</b>	<b>252</b>

## Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.	Current quarter \$A'000	Previous quarter \$A'000
5.1 Cash on hand and at bank	89	32
5.2 Deposits at call	94	19
5.3 Bank overdraft	-	-
5.4 Term Deposit	-	-
5.5 Other (provide details)	-	-
<b>Total: cash at end of quarter (item 1.22)</b>	<b>183</b>	<b>51</b>

## Changes in interests in mining tenements and petroleum tenements

	Tenement reference and location	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
6.1 Interests in mining tenements and petroleum tenements relinquished, reduced or lapsed	None			
6.2 Interests in mining tenements and petroleum tenements acquired or increased	None			

## Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

		Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1	<b>Preference +securities</b> (description)				
7.2	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs, redemptions				
7.3	<b>+Ordinary securities</b>	<b>235,741,595</b> <b>200,000</b> <b>1,750,000</b> <b>700,000</b>	<b>235,741,595</b>	<b>10 cents</b> <b>20 cents</b> <b>25 cents</b>	<b>Fully Paid</b> <b>Part Paid to 0.1 cent</b> <b>Part Paid to 0.1 cent</b> <b>Part Paid to 0.1 cent</b>
7.4	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs				
7.5	<b>+Convertible debt securities</b> (description)				
7.6	Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted				
7.7	<b>Options</b> (description and conversion factor)			<i>Exercise price</i>	<i>Expiry date</i>
7.8	Issued during quarter				
7.9	Exercised during quarter				
7.10	Expired during quarter				
7.11	<b>Debentures</b> (totals only)				
7.12	<b>Unsecured notes</b> (totals only)				

## Compliance statement

- 1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 5).
- 2 This statement does give a true and fair view of the matters disclosed.

Sign here:           **Peter Ruttledge**  
Company secretary

Date: **28 April 2016**

Print name:       **Peter Ruttledge**

## Notes

- 1 The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- 2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements and petroleum tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement or petroleum tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- 4 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.
- 5 **Accounting Standards** ASX will accept, for example, the use of International Financial Reporting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

**HAMPTON HILL MINING NL**  
**MINERAL TENEMENT INFORMATION (ASX Listing Rule 5.3.3)**  
**For the quarter ended 31 March 2016**

**Mining tenements and beneficial interests held at quarter end, and their location:**

<b>Tenement</b>	<b>Location</b>	<b>Registered holding</b>	<b>Beneficial interest – refer Notes</b>
E45/2501	East Pilbara, WA	0%	1
E45/2561	East Pilbara, WA	0%	1
E45/2500 (part of)	East Pilbara, WA	0%	1
M20/311	Murchison, WA	0%	2
MLA20/503	Murchison, WA	0%	2
MLA20/518	Murchison, WA	0%	2
MLA51/869	Murchison, WA	0%	2
E20/625	Murchison, WA	0%	2
E20/641	Murchison, WA	0%	2
P51/2581	Murchison, WA	0%	2
P20/2016	Murchison, WA	0%	2
P20/2077	Murchison, WA	0%	2
P20/2078	Murchison, WA	0%	2
P20/2080	Murchison, WA	0%	2
E20/457	Murchison, WA	0%	3
E20/459	Murchison, WA	0%	3
E20/492	Murchison, WA	0%	3
E20/595	Murchison, WA	0%	3
E51/907	Murchison, WA	0%	3
M20/419	Murchison, WA	0%	3
P20/2082-2086	Murchison, WA	0%	3
P51/2605-2613	Murchison, WA	0%	3
E39/1198	Yilgarn, WA	0%	4
E39/1236	Yilgarn, WA	0%	4
E31/0800	Yilgarn, WA	0%	4
P31/1797	Yilgarn, WA	0%	4
P39/4586-4592	Yilgarn, WA	0%	4
P39/4677-4679	Yilgarn, WA	0%	4
P39/4789	Yilgarn, WA	0%	4
P26/3426	Yilgarn, WA	0%	5
P15/4891-4901	Yilgarn, WA	0%	6
P15/5022-5025	Yilgarn, WA	0%	6
P16/2415-2418	Yilgarn, WA	0%	6
P16/2815 & 2816	Yilgarn, WA	0%	6
P15/5920 & 5921	Yilgarn, WA	0%	6
M15/696	Yilgarn, WA	0%	6



**HAMPTON HILL MINING NL**  
**MINERAL TENEMENT INFORMATION (ASX Listing Rule 5.3.3)**  
**For the quarter ended 31 March 2016**

**Mining tenements and beneficial interests acquired during the quarter, and their location:**

None

**Mining tenements and beneficial interests disposed of during the quarter, and their location:**

None

**Notes:**

- 1) Millennium Zinc Project JV - The Company has earned a 10% beneficial interest and holds the right to earn a total of 25%.
- 2) The Company has elected to convert its interest to a 2% FOB Royalty on iron ore and retains a 100% interest in non-ferrous metals.
- 3) The Company has the right to explore for and develop base metals, gold and platinum group metals on all these tenements subject to paying a net smelter return of 1.5% to the tenement holder.
- 4) The Company retains a 5% gross overriding royalty on all gold production exceeding one million ounces.
- 5) The Company retains a royalty of \$1 per tonne of ore mined up to 100,000 tonnes, and \$2 per tonne thereafter.
- 6) The Company retains a 0.98% net smelter return royalty on all ore produced from these tenements.

**Key:**

E: Exploration licence  
P: Prospecting licence  
M: Mining lease  
MLA: Mining lease application