



#### ASX Announcement ASX Code: ARM

#### Date: 31 July 2017

#### Aurora Minerals Group of Companies

Diversified Minerals Exploration via direct and indirect interests

#### Peninsula Mines Limited (ASX: PSM) - 29.3%

- Graphite, Lithium, Gold, Silver and Base Metals Exploration in South Korea

#### Predictive Discovery Limited (ASX: PDI) – 39.6%

#### Gold Exploration / Development in Burkina Faso and Côte D'Ivoire

- One Asia Resources Limited
- Gold exploration and development in Sulawesi, Indonesia

#### Aurora Western Australian Exploration – 100%

- Base metals, iron and gold exploration

#### **Contact Details**

#### **Principal & Registered Office**

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# QUARTERLY ACTIVITIES REPORT Ending 30 June 2017

Aurora Minerals Limited ASX: ARM ("Aurora" or "the Company") and its subsidiary and associate companies conduct exploration across three continents with a focus on South Korea (Peninsula Mines Limited), West Africa (Predictive Discovery Limited), Indonesia (One Asia) and Western Australia.

#### **Highlights:**

#### Peninsula Mines Limited (Peninsula)

- Ubeong IP Survey and soil geochemistry generated porphyry Cu-Au and Zn-Ag Skarn targets <sup>D1</sup>
- PSM signs non-binding flake graphite offtake and development MOU with Korean end user <sup>D2</sup>
- Daewon excellent graphite metallurgy and four new graphite projects in South Korea <sup>D3</sup>
- Regulatory approval received for drilling at Osu gold project which features:
  - Pal Gong East to test below high-grade channel sample results incl. 1.25m @ 7.73 g/t Au<sup>D4</sup>
  - Pal Gong West to follow up previous drilling including 0.4m @ 8.4 g/t Au, 6,121 g/t Ag
- Drilling to be prioritised alongside drill testing of other polymetallic sulphide-porphyry targets on the Ubeong Project<sup>D3</sup> planned for Q3/4 2017

#### **Predictive Discovery Limited (Predictive)**

- 30m @ 8.3g/t Au from diamond drilling at Boundiali, Cote D'Ivoire, with RC drilling underway <sup>P1</sup>
- Diamond drilling commences at Bobosso, Cote d'Ivoire<sup>P2</sup>

#### One Asia Resources Limited (One Asia)

- Post quarter end the Nusantara Resources IPO offer closed having raised \$16.2M. Nusantara has advised an expected listing date on ASX of Wednesday 2 August 2017 (ASX:NUS) subject to meeting all final listing requirements.
- Nusantara owns 1.74Moz Awak Mas Gold Project in Sulawesi, Indonesia<sup>N1</sup>

#### Corporate

- Aurora cash at bank ~\$2.1M (parent) at end of Quarter
- Value of cash and investments as at 30 June 2017 ~\$11.7M (~10c/share)

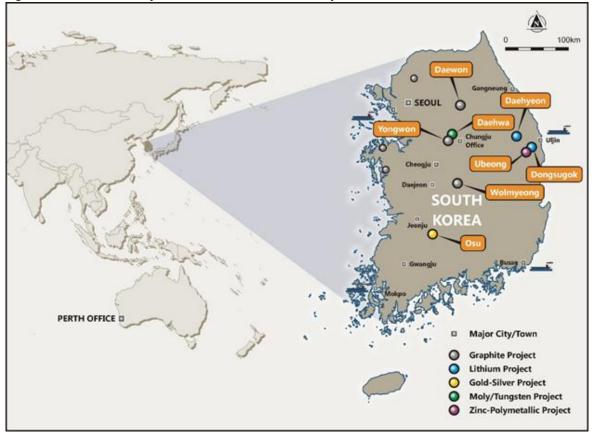
Aurora's subsidiary and associate company investments and market valuations, as at 30 June 2017, are shown in Table 1, below.

Table 1: Aurora Minerals Group Investments

Aurora Minerals Group Investments						
	Shares (M)	% Interest	Price	Mkt Val \$M	NTA c/share	
Predictive Discovery	64.7	39.6%	\$0.080	\$5.2		
Peninsula Mines (PSM)	150.9	29.3%	\$0.021	\$3.2		
PSM options	14.2		\$0.016	\$0.2		
One Asia	5.6		nominal	\$1.0		
Subtotal				\$9.6		
Total value of investments				\$9.6	8.2	
Cash as at Jun2017				\$2.1	1.8	
Total NTA				\$11.7	10.0	

# Peninsula Mines Limited (Aurora 29.3%)

Figure 1: Location Plan of Peninsula's South Korean Projects



Peninsula's exploration in South Korea is conducted through its wholly-owned, South Korean subsidiary, Suyeon Mining Co. Ltd. (SMCL) which holds tenure over ground prospective for:

- Zinc-silver at Ubeong Project
- Graphite at Daewon, Yongwon and Wolmyeong Projects, with additional tenement applications at Seosil, Eunha and Daeheung
- Gold at Osu Project
- Lithium at Daehyeon and Dongsugok Projects and
- Molybdenum-tungsten at Daehwa Project.

Figure 1, above, shows the distribution of the Projects across the South Korean Peninsula. Exploration of the suite of projects is ongoing, with the highlights of the last Quarter as follows.

# Ubeong Zinc-Silver-Copper-Gold Project

Post Quarter-end, Peninsula announced the results of its recent Induced Polarisation (IP) survey at Ubeong zincsilver-copper-gold Project.<sup>D1</sup> Previous geophysical testing of rock samples had confirmed the suitability of IP methods to pinpoint zinc-silver mineralisation at Ubeong. The planned IP survey was extended to define two, large, conductivity anomalies at Copperhead and Krait Prospects, to the west and north-west of the Chilbo Prospect respectively. These anomalies are interpreted to emanate from a major, buried, porphyry intrusion, the possible source of known mineralisation in the surrounding, historically mined skarns. Figure 2, below, illustrates the IP anomalism in relation to fault structures, mapped skarn outcrop and soil geochemistry to date. Further work will include extending the soil sampling grids over the IP anomalies, as well as detailed electromagnetic (moving loop EM) surveys and dipole-dipole IP to determine the depth of the anomalies for drill targeting. <sup>D1</sup>

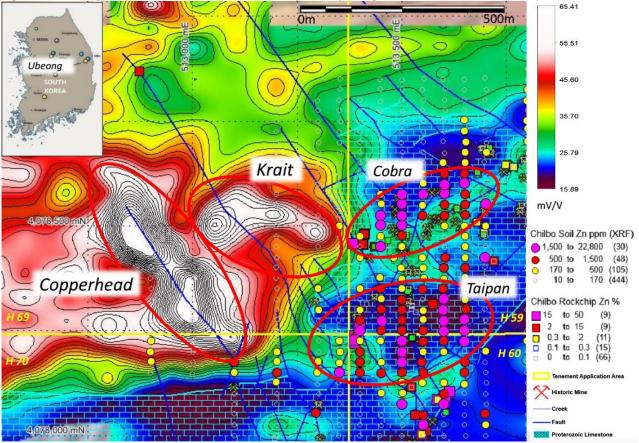


Figure 2: Ubeong Project, Chilbo Prospect, IP chargeability image with XRF soil and rockchip results (Zn)<sup>D1</sup>

#### Graphene Korea MOU

In June 2017, Peninsula entered into a non-binding, offtake and development MOU with Korean expandable graphite insulation manufacturer, Graphene Korea Co. Ltd.<sup>D2</sup> The MOU requires Peninsula to supply coarse (180 micron) flake graphite concentrate (>95% Total Graphitic Carbon (TGC)), initially up to 20,000 tonnes per annum, to meet Graphene Korea's initial manufacturing requirements. Peninsula and Graphene Korea will cooperatively test and develop suitable graphite deposits, both within South Korea and elsewhere globally, to meet the expected growth in demand for Graphene Korea's patented products. This enables long-term, strategic cooperation for the two companies to develop graphite mining and processing projects in order to supply the burgeoning graphite industry.<sup>D2</sup>

#### **Daewon Graphite Project**

The Daewon Graphite Project metallurgical test work was successfully concluded, achieving 96.7% TGC with an 81.8% recovery.<sup>D3</sup> This has provided sufficient impetus to further project development, including surface mapping and a planned ground EM survey to define the extent of mineralisation down dip. Spherical and expandable graphite test work is being scheduled to determine the suitability of the concentrate to local Korean manufacturing markets. <sup>D3</sup>

A number of tenement applications have been lodged over ground prospective for graphite, including **Eunha**, **Daeheung and Seosil**, where rock chip sampling has been carried out and samples await shipment for petrographic analysis. <sup>D3</sup> See Figure 3, inset, for locations.

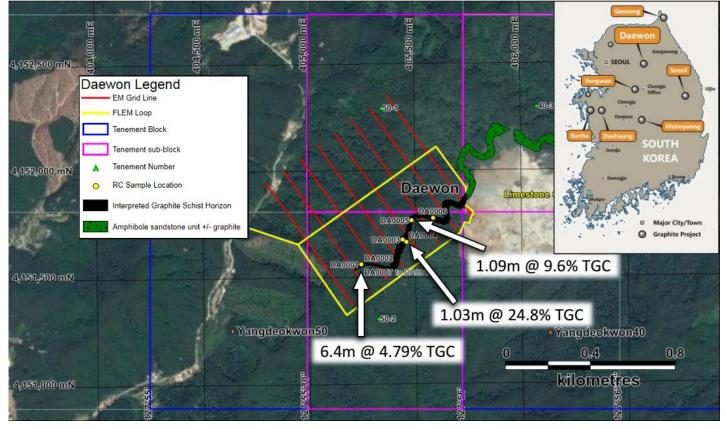


Figure 3: Daewon Graphite Project showing previous sampling results and planned EM programme D3

# Predictive Discovery Limited (Aurora 39.6%)

Predictive Discovery Limited is a gold exploration company focused on its numerous, greenfields to more advanced, gold projects located across the richly mineralised greenstone belts of Cote D'Ivoire and Burkina Faso, West Africa, which are operated primarily through joint venture agreements.



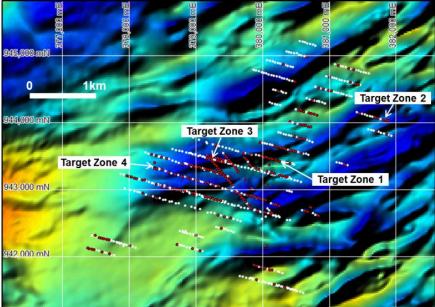
Figure 4: Predictive Discovery Project Locations in Côte D'Ivoire

# Bobosso Project, Cote D'Ivoire

Predictive's newest joint venture is with Progress Minerals Ltd, a Canadian company earning an initial 30% interest in the Bobosso Project in Cote D'Ivoire by funding US\$1 million in exploration expenditure. Diamond drilling commenced at Bobosso in April 2017 to follow up on historical drill intercepts thought to have been incorrectly orientated. Gold mineralisation in these historical drill holes warranted further investigation and included: <sup>P2</sup>

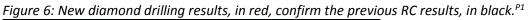
- Target zone 1: 5m at 20.6g/t Au from 48m, including 3m at 31.8g/t Au
- Target zone 2: 7m at 9.52g/t Au from 26m
- Target zone 3: 9m at4.2g/t Au from 12m
- Target zone 4: 32m at 1.93g/t Au from 12m

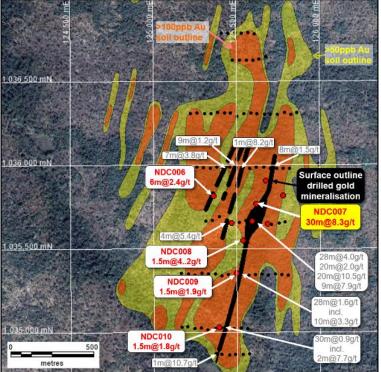
*Figure 5: Historical drilling at Bobosso Project, shown here in relation to aeromagnetic imagery, was not well aligned to intersect the mineralised splays off the regional NNE trending fault structure (located to the east).*<sup>P2</sup>



# Boundiali Project, Côte d'Ivoire

The majority of Predictive's tenements in Côte D'Ivoire, including Boundiali, are operated by Toro Gold Limited, a UK based exploration and development company. Toro has successfully defined the Nyangboue mineralisation over 1.2km through systematic exploration, including the recent diamond drilling, the highlights of which include an intersection of **30m at 8.3g/t Au** from 39m, within a broader interval of **3.2g/t Au over 90m**, in hole number NDC007. Toro's exploration continues with RC drilling on two, nearby gold-in-soil anomalies at Nyangboue.<sup>P1</sup>





# One Asia Resources Ltd

One Asia's planned demerger and ASX listing of subsidiary, Nusantara Resources Limited (Nusantara), was progressing well. Post quarter end Nusantara IPO offer closed having raised \$16.2M. The company has advised an expected listing date on ASX of Wednesday 2 August 2017.

Nusantara holds 100% of the Awak Mas Gold Project, located in Sulawesi, Indonesia, which is entering construction phase, with all necessary government permitting successfully completed. Definitive feasibility studies are the next step towards production on the 1.74-million-ounce resource.<sup>01</sup>

#### Aurora Minerals Western Australian Projects

Limited exploration activities were undertaken during the Quarter including project reviews and new project generation.

#### Corporate

Aurora cash at bank ~\$2.1M (parent).

Martin Pyle Managing Director +61 (0)429 999 552

### **Competent Person Statement**

The information in this report that relates to the exploration results and Mineral Resources of Aurora, Peninsula, Golden Rim and Predictive is summarised from publicly available reports as released to the ASX of the respective companies. The results are duly referenced in the text of this report and the source documents listed below.

The exploration results reported herein relating to Predictive Discovery Limited are based on information compiled by Mr Paul Roberts (Fellow of the Australian Institute of Geoscientists). Mr Roberts is a full-time employee of that company and has sufficient experience relevant to the style of mineralisation and type of deposits being considered to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Roberts 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 in this report that relates to Exploration Results for Peninsula Mines Limited is based on information compiled by Mr Daniel Noonan, a Member of the Australian Institute of Mining and Metallurgy. Mr Noonan is employed as a consultant. Mr Noonan has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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 Noonan consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

The information in this report that relates to the Mineral Resource Estimation for Awak Mas Gold Project is based on, and fairly represents, information compiled by Mr Adrian Shepherd, Senior Geologist, (BSc), MAusIMM CP(Geo), for Cube Consulting Pty Ltd. Mr Shepherd is an employee of Cube Consulting Pty Ltd and is a Chartered Professional geologist and a current Member of the Australian Institute of Mining and Metallurgy (AusIMM No: 211818)

All the information in this release is based on information compiled prior to 1 December 2013 was produced under the reporting directions as set out in the 2004 ed. JORC code. All subsequent releases have been compiled under the guidelines for reporting as set down under the 2012ed. JORC code. The information summarised herein has not changed materially from the greater detail that was originally disclosed in earlier public releases and which has been duly referenced in this release. The Company confirms that it is not aware of any new information or data that materially affects the information included in this report.

### **APPENDIX 1**

Western Australian Mineral Tenement Information (as at 30 June 2017):

PROJECT	TENEMENT	PERCENT HOLDING	TITLE HOLDER/APPLICANT	JOINT VENTURE
Glenburgh	E52/1983	100%	Aurora Resources Pty Ltd	
Camel Hills	E09/1323	51.3%	Aurora Resources Pty Ltd	JV with Peninsula Mines Ltd

#### **APPENDIX 2**

List of Announcements to the Australian Securities Exchange which are referenced in this release:

- D1 Peninsula ASX Announcement, 12 July 2017 Ubeong IP Survey and Soil Geochemistry generate porphyry Cu-Au and Zn-Ag Skarn Targets
- D2 Peninsula ASX Announcement, 14 June 2017 PSM signs non-binding MOU for offtake and development with Korean end user
- D3 Peninsula ASX Announcement, 27 June 2017 Daewon Graphite excellent metallurgy and four new graphite projects in South Korea
- D4 Peninsula ASX Announcement, 27 June 2017 Drilling Access Granted to Osu Gold-Silver Project
- P1 Predictive ASX Announcement, 29 May 2017- 30m @ 8.3g/t Au from Boundiali, Cote D'Ivoire
- P2 Predictive ASX Announcement, 13 April 2017 Diamond drilling commences at Bobosso Project, Cote D'Ivoire
- P3 Predictive ASX Announcement, 17 May 2017 First diamond drill results from Boundiali, Cote D'Ivoire
- 01 One Asia Shareholder Update, 10 May 2017 Awak Mas Gold Project Mineral Resource (JORC 2012) Statement
- O2 One Asia Shareholder Update, 13 July 2017 Nusantara Resources IPO Update: Minimum Subscription of \$15 Million Achieved

+Rule 5.5

# 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, 01/09/16

## Name of entity

AURORA MINERALS LIMITED	
ABN	Quarter ended ("current quarter")
46 106 304 787	30 JUNE 2017

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	10	21
1.2	Payments for		
	(a) exploration & evaluation*	(274)	(1,162)
	(b) development		
	(c) production		
	(d) staff costs**		
	(e) administration and corporate costs*	(384)	(1,577)
1.3	Dividends received (see note 3)		
1.4	Interest received	24	102
1.5	Interest and other costs of finance paid		
1.6	Income taxes paid		
1.7	Research and development refunds		
1.8	Other (provide details if material)	-	-
1.9	Net cash from/(used in) operating activities	(624)	(2,616)

\*A re-allocation of \$183k from exploration to admin was made to expenditure for six months to 31 December, in the accounts of controlled entity Predictive Discovery Ltd.

\* The company's accounting policy allocates staff costs to activities and are accordingly included in items 1.2 (a) and 1.2 (e).

2.	Cash flows from investing activities		
2.1	Payments to acquire:		
	(a) property, plant and equipment	(3)	(11)
	(b) tenements (see item 10)		

<sup>+</sup> See chapter 19 for defined terms

Append	ix 5B
Mining exploration entity and oil and gas exploration entity quarterly r	eport

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
	(c) investments	-	(1,250)
	(d) other non-current assets	-	(1)
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment		
	(b) tenements (see item 10)		
	(c) investments	52	1,686
	(d) 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)		
2.6	Net cash from / (used in) investing activities	49	424

3.	Cash flows from financing activities	
3.1	Proceeds from issues of shares	- 2,299
3.2	Proceeds from issue of convertible notes	
3.3	Proceeds from exercise of share options	
3.4	Transaction costs related to issues of shares, convertible notes or options	- (149)
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 (provide details if material)	
3.10	Net cash from / (used in) financing activities	- 2,150

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	4,333	3,800
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(624)	(2,616)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	49	424
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	2,150

1 September 2016

				Appe	ndix 5B
Mining exploration entit	y and oil and g	gas explo	oration entity	quarterly	y report

**Current quarter** 

\$A'000

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	276	593
5.2	Call deposits	3,482	3,740
5.3	Bank overdrafts		
5.4	Other (provide details)		
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)*	3,758	4,333

\*Includes cash of \$1.621m held by controlled entity Predictive Discovery Limited.

**Consolidated statement of cash flows** 

Effect of movement in exchange rates on

4.5

4.6

cash held

period

6.	Payments to directors of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to these parties included in item 1.2	165
6.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-

6.3 Include below any explanation necessary to understand the transaction items 6.1 and 6.2

6.1: Payment was for remuneration to directors and includes remuneration p of controlled entity Predictive Discovery Limited.

#### 7. Payments to related entities of the entity and their associates

- 7.1 Aggregate amount of payments to these parties included in item 1.2
- 7.2 Aggregate amount of cash flow from loans to these parties included in item 2.3
- 7.3 Include below any explanation necessary to understand the transactions included in items 7.1 and 7.2

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-	
ons included in	
payments to directors	

**Current quarter** \$A'000

Year to date (12

months) \$A'000

3,758

8.	Financing facilities available Add notes as necessary for an understanding of the position	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
8.1	Loan facilities		
8.2	Credit standby arrangements		
8.3	Other (please specify)		
0 /	Include below a description of each facil	ity above including the lander	interest rate and

8.4 Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.

9.	Estimated cash outflows for next quarter	\$A'000
9.1	Exploration and evaluation	750
9.2	Development	
9.3	Production	
9.4	Staff costs	
9.5	Administration and corporate costs	335
9.6	Other	
9.7	Total estimated cash outflows	1,085

10.	Changes in tenements (items 2.1(b) and 2.2(b) above)	Tenement reference and location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter
10.1	Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced				
10.2	Interests in mining tenements and petroleum tenements acquired or increased	E09/1323	Earning interest through Camel Hills Joint Venture	50.6%	51.3%

# 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.

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(Company secretary)

Sign here:

Date: 31 July 2017

Print name: Eric Moore

## 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 that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.
- 2. If this quarterly 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 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.