



ASX ANNOUNCEMENT
29 April 2020

ASX Code: ARM

Aurora Minerals Group of Companies
Innovation in exploration and development


Predictive Discovery Limited
(ASX: PDI) – 7.98%

Gold Exploration and Development in
West Africa


Xantippe Resources Limited
(ASX: XTC) – 5.15%

Gold exploration in **Western Australia**
Graphite Business Development in
South Korea


Projects

**Mount Short VMS, Ravensthorpe
Loudens Patch Gold, West Pilbara**
Advanced Project acquisition plan in
progress

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QUARTERLY ACTIVITIES REPORT

to 31 March 2020

Aurora Minerals Limited ("Aurora" or "the Company") continues to explore ground prospective for gold and volcanogenic massive sulphides (VMS) in the West Pilbara and Phillips River regions. ^{A1} Aurora continues to assess advanced projects for acquisition to unlock value through the integration of pre-concentration, sorting technology.

Through its associate companies, Aurora has exposure to a diversified portfolio of gold exploration interests in Western Australia, through Xantippe Resources Ltd, and West Africa, through Predictive Discovery Limited.

Highlights of the Quarter:

Aurora Minerals Limited ("Aurora", or "the Company")

- Aurora's data interpretation has identified the potential source of structurally controlled VMS mineralisation at **Mount Short**. Drilling by previous explorers was focused on ultramafic nickel targets and intersected minor Pb-Zn mineralisation, which Aurora has interpreted to be distal from the VMS source. Aurora's identification of the mineralising structures provides new targets for initial geochemical and geophysical investigation and ultimately, drilling. ^{A1}
- **Loudens Patch** lies along strike of De Grey Mining's Mallina gold Resource and Hemi Prospect, and potential gold targets have been identified which await investigation once tenure is granted. ^{A2,A3}

Predictive Discovery Limited ("Predictive")

- Post Quarter-end, PDI announced AC drill results from its **Kaninko** gold ground in Guinea, where the **NE Bankan** power-auger gold anomaly, extending over 450m, was AC/RC-drilled, intersecting gold from surface, open in all directions. Drilling results from the nearby Bankan Creek are awaited. ^{P3, P5, P6, P7, P8}
- Significant AC drill results included **46m at 6.58g/t gold** from 4m with **10 m at 26.52g/t gold** from 34m. ^{P3}

Xantippe Resources Limited ("Xantippe")

- Xantippe conducted RC drilling at three gold prospects within their tenure south of **Southern Cross**, WA, following up historical drill intercepts. Sixteen holes totalled 1,722m at Glendower, Xantippe and Treasury South. The geochemical analysis results are eagerly awaited. ^{X2}

Corporate

- Aurora cash at bank ~\$1.47M (parent) at end of March 2020
- Value of cash and investments at 31 March 2020 of ~\$2.11M (~0.9c/share)
- Value of cash and investments at 23 April 2020 of ~ \$5.5M (~2.4c/share)

Aurora's corporate investments and market valuations, as at 31 March 2020 (closing prices), are summarised in Table 1, below.

Table 1: Aurora Minerals Group Investments

Investment	Code	Type	Number	% Holding	Unit Value	Total Value
Predictive Discovery Ltd	PDI	Shares - Listed	49,653,686	10.13%	\$0.006	\$297,922
Xantippe Resources Ltd	XTC	Shares - Listed	171,295,270	5.15%	\$0.002	\$342,591
						\$640,513

Subsequent to quarter end the share price of both Predictive and Xantippe increased. The current prices and values of the holdings are summarised in table 2

Table 2: Aurora Minerals Group Investments – Subsequent Valuations 28 April 2020

Investment	Code	Type	Number	% Holding	Unit Value	Total Value
Predictive Discovery Ltd	PDI	Shares - Listed	49,653,686	7.98%	\$0.070	\$3,475,758
Xantippe Resources Ltd	XTC	Shares - Listed	171,295,270	5.15%	\$0.004	\$685,181
						\$4,160,939

Activities Update

In addition to its advanced project procurement pursuits, Aurora is exploring for gold and Volcanogenic Massive Sulphide (VMS) in Phillips River and West Pilbara Mineral Fields.

Tenement E74/651, **Mount Short**, has seen extensive historical exploration for massive sulphides. This work has been focused along the ultramafic units of the Ravensthorpe Greenstone Belt. Recent historical RC and diamond drilling by Traka Resources intersected narrow, structurally controlled, zinc-lead mineralisation within Chester Formation metasediments, which Aurora has interpreted to lie distal to source. Aurora has completed structural interpretation of regional and detailed aeromagnetic imagery to define the likely source of, and structural controls to, VMS mineralisation. On ground exploration will be considered once the COVID-19 quarantine is lifted.^{A1}

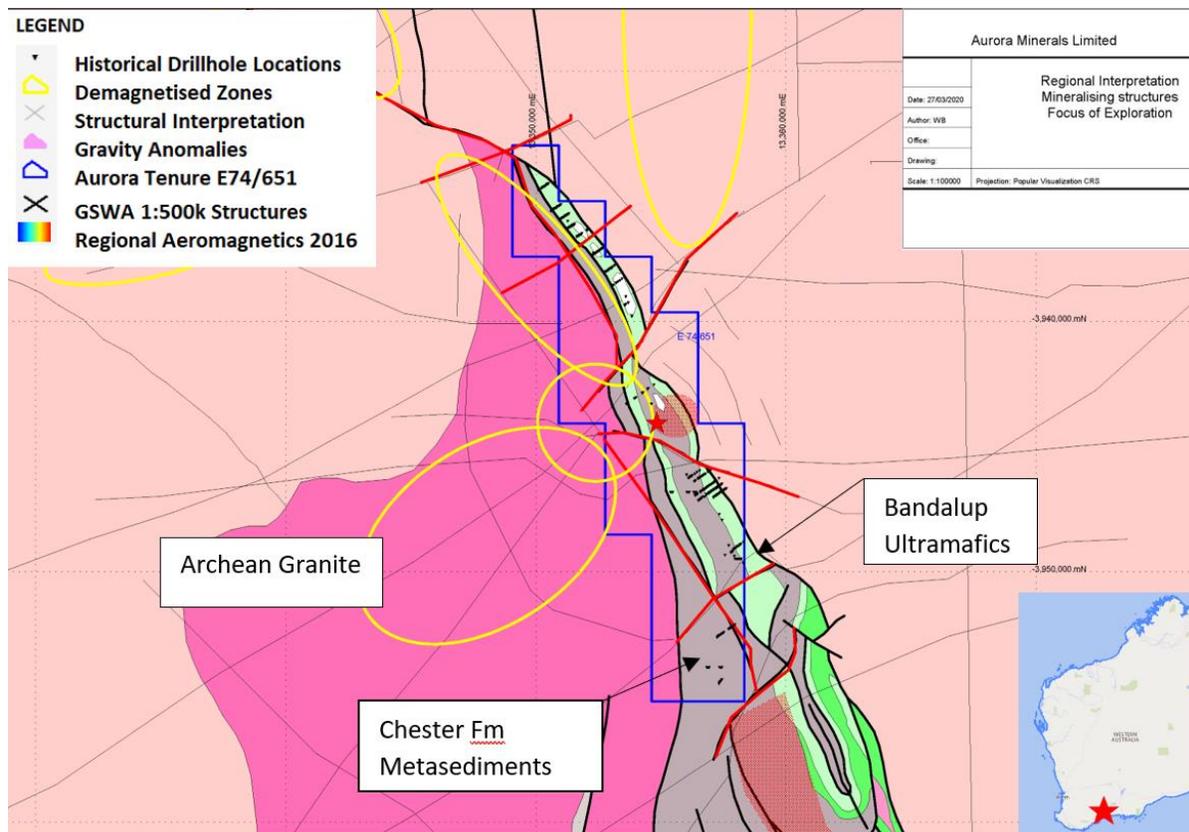


Figure 1: Mount Short geophysical interpretation and target definition

Tenement application E47/4281, **Loudens Patch**, has had little historical exploration as previous explorers have focussed on surrounding structures. Aurora has completed its interpretation of regional geology, remote sensing and aeromagnetics. Exploration will commence following tenure grant and completion of native title access arrangements and will include soil and stream sediment sampling followed by detailed drone mounted magnetic and radiometric surveys, as warranted. ^{A2}

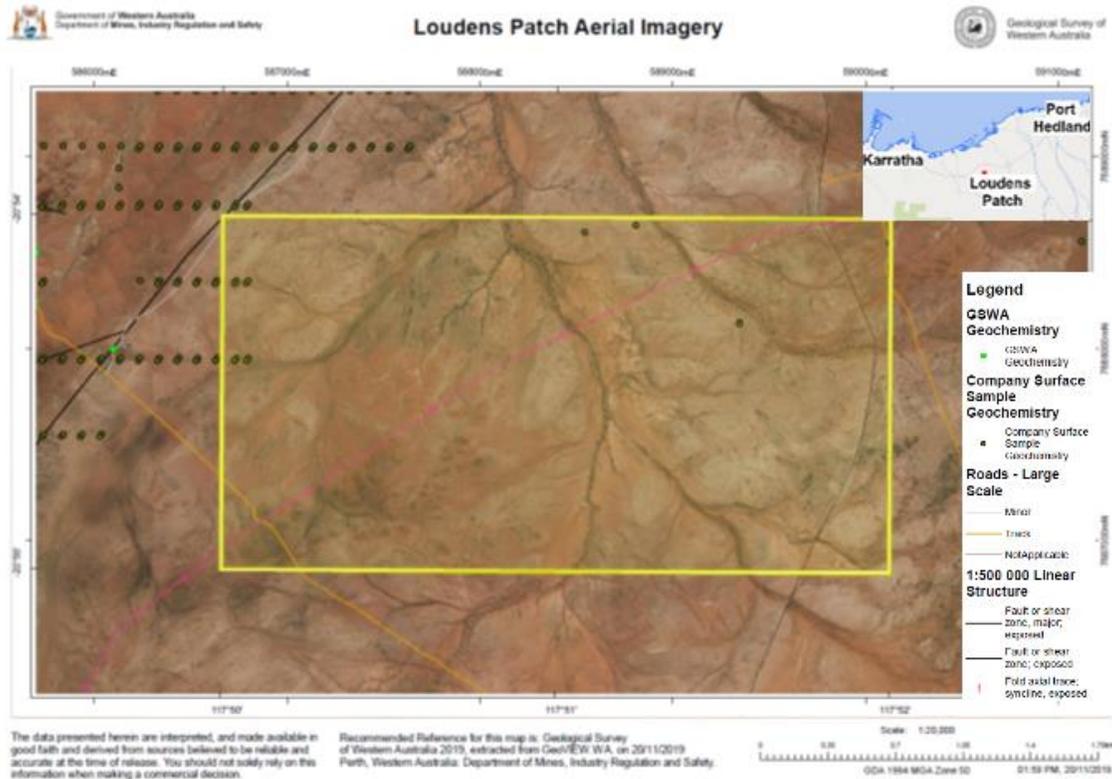


Figure 2: Loudens Patch has had minimal historical exploration

Xantippe Resources Limited (formerly Peninsula Mines Limited)

Early in the Quarter, Peninsula Mines' shareholders approved the change of name of Peninsula Mines to Xantippe Resources Limited (ASX:XTC) following the purchase of a large package of gold tenements securing 76km² of contiguous Archean Greenstones south of Southern Cross, Western Australia. ^{X5}

Xantippe wasted no time getting drilling underway, completing 8 reverse circulation holes for 876m at Glendower Prospect, 6 holes for 618m at Xantippe Prospect and two holes for 228m at Treasury South. The results of this their maiden campaign are expected to validate high-grade gold recorded in historical drill intercepts, including:

- Glendower – **9m at 28.4g/t gold** from 33m
- Xantippe – **13m at 4.69g/t gold** from 38m
- Treasury South – **2m at 5.75g/t gold** from 92m. ^{X1-4}

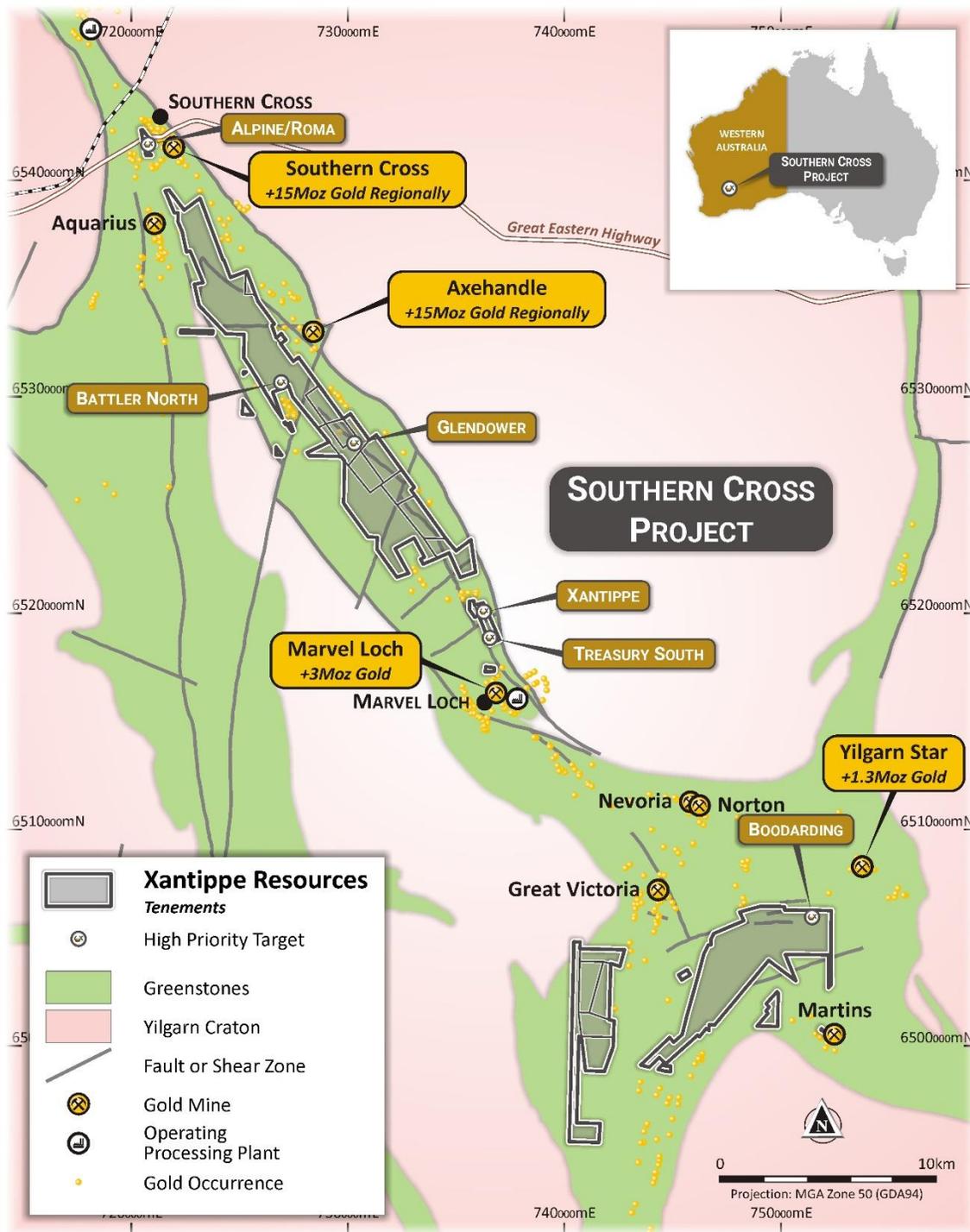


Figure 3: Southern X Project Location Map^{x2}

Predictive Discovery Limited

Predictive's gold exploration in **Guinea**, West Africa drew significant attention post Quarter-end, with the announcement of drilling results from its **Kaninko Project**.^{P3}

Predictive is exploring 800km² of the Siguiri Basin in Guinea, across 9 separate permits, each demonstrating gold mineralisation with artisanal workings. Field work has advanced most rapidly at Kaninko, with a 200-hole power-auger drill programme at NE Bankan Prospect defining a gold anomalous (>0.25g/t) zone over 450m open in all directions. Air core (AC)/ reverse circulation (RC) drilling followed, with 2m composite results generating intervals including:

- ▶ **46m (to EOH) at 6.58 g/t gold** from 4m including-
 - ▶ **10m at 26.52 g/t gold** from 34m
- ▶ **42m (to EOH) at 2.92 g/t gold** from 8m
- ▶ **50m (to EOH) at 1.53 g/t gold** from surface including-
 - ▶ **20m at 2.51 g/t gold** from 30m ^{P3}

Trenching at the nearby Bankan Creek artisanal workings, generated **18m at 1.60g/t gold**. Results of the follow-up 23-hole, AC/RC drilling campaign are awaited from SGS, Mali. ^{P3, P5, P6}

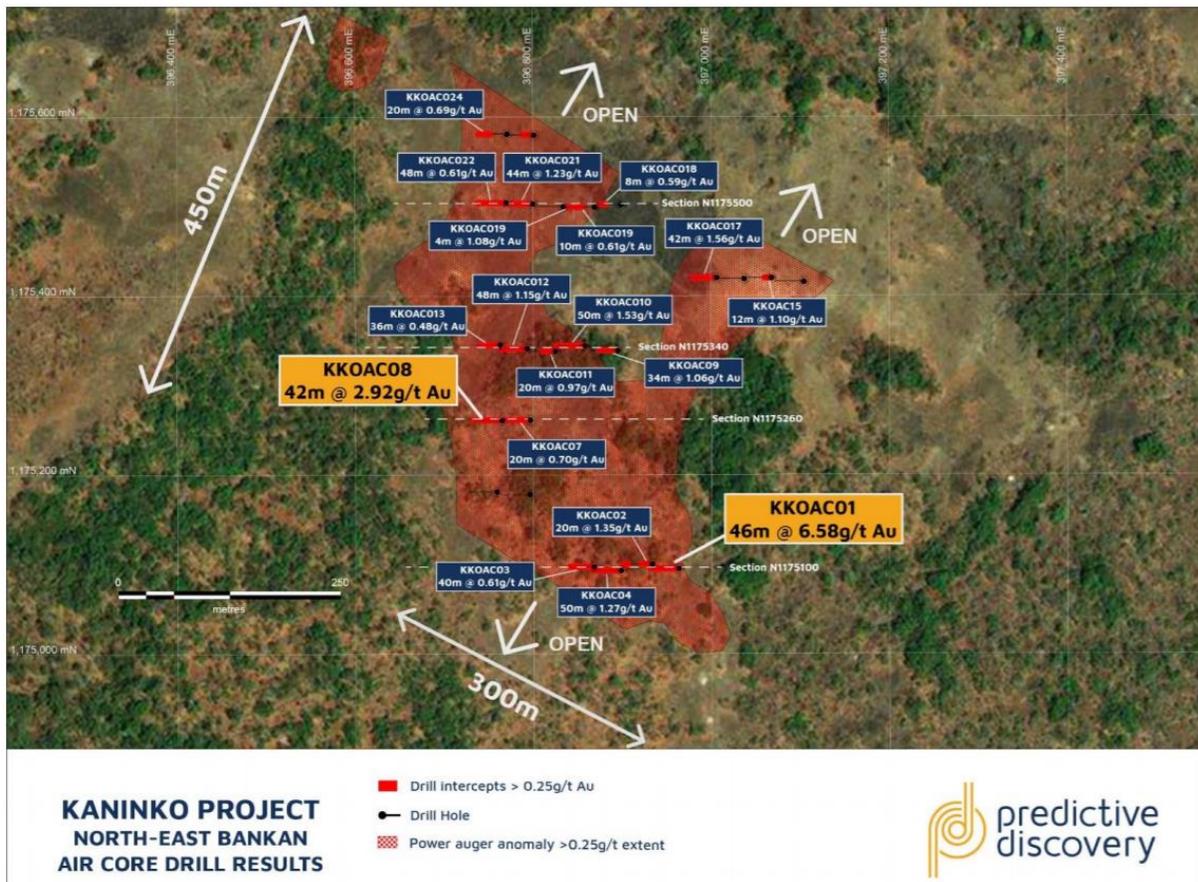


Figure 4: NE Bankan Prospect Power-Auger Anomaly and Drill Intercepts

Predictive’s holdings in Cote D’Ivoire and Burkina Faso are operated under joint venture agreements with Resolute Mining Limited and TSE listed Progress Minerals Inc. respectively. See Figure 5, below. Predictive completed a \$0.6 million capital raising post Quarter-end to enable the ongoing exploration of its 100% owned gold targets in Guinea and equity contributions towards the Resolute JV in Cote D’Ivoire. ^{P2}

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Cote D'Ivoire

Results of follow-up diamond drilling at Ferkessedougou North Project by Resolute Mining are anticipated. This work continues the development of the Ouarigue South deposit where gold in diamond drilling has so far included **45.3m at 3.16g/t gold** from 45.9m including **9m at 10.31g/t gold**. ^{P3,P8}

Burkina Faso

PDI is free carried through the development of its Burkina Faso tenure, currently on care and maintenance, via a JV with Progress Minerals. ^{P1}



Figure 5: Predictive Discovery Project Locations in West Africa's Golden Triangle ^{P3}

Aurora Corporate

Aurora cash at bank ~\$1.47 million. Value of cash and investments as at 31 March 2020 ~\$2.11m (~0.9c/share).

Geoff Laing

Managing Director

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Competent Persons Statement

The information in this report that relates to the exploration results and Mineral Resources of Aurora, Xantippe 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 relating to Aurora's own tenure are based on information compiled by Wendy Beets, BSc MAIG, a Competent Person who is a Member of the Australian Institute of Geoscientists and a full-time employee of the Company. Ms Beets has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and the activity being undertaken, 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'. Ms Beets consents to the form and context in which the results are presented in this report.

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.

All the information in this release 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 - List of Announcements to the Australian Securities Exchange which are referenced in this report:

Aurora Minerals Limited

- A1 Mount Short Project Progress, 6 April 2020
- A2 New Project Update, 23 January 2020
- A3 Aurora Secures New Ground, 28 October 2019

Xantippe Resources Limited

- X1 Investor Presentation, 31 March 2020
- X2 Maiden Drilling Programme Completed, 31 March 2020
- X3 Southern Cross Gold Project Drilling Update, 12 March 2020
- X4 Maiden Drilling Campaign for Southern Cross Gold Project, 17 February 2020
- X5 Chance of Company Name, 23 January 2020

Predictive Discovery Limited

- P1 Predictive Discovery Corporate Presentation, 22 April 2020
- P2 Placement Completion and Funding Update, 17 April 2020
- P3 Outstanding Drill results from New Gold Discovery in Guinea, 15 April 2020
- P4 Trading Halt, 14 April 2020

- P5 AC-RC Drilling Underway in Guinea, Accelerating Exploration, 24 March 2020
- P6 High Grades Broad Widths from Guinea Auger-Trenching Program, 19 March 2020
- P7 Up to 8 g/t Gold from Power Auger Drilling in Guinea, 26 February 2020
- P8 Drilling and Field Work Commence in West Africa, 16 January 2020

APPENDIX 2 – Tenement Schedule

Tenement Name	Tenement Number	Location	Area (km2)	Status	Percentage Holding
Mount Short	E74/651	Phillips River	51.75	Granted	100%
Loudens Patch	E47/4281	West Pilbara	6.4	Pending	100%

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Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

AURORA MINERALS LIMITED

ABN

46 106 304 787

Quarter ended ("current quarter")

31 MARCH 2020

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (9 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers		
1.2 Payments for		
(a) exploration & evaluation (if expensed)*	(293)	(699)
(b) development		
(c) production		
(d) staff costs		
(e) administration and corporate costs*	(151)	(446)
1.3 Dividends received (see note 3)		
1.4 Interest received	5	12
1.5 Interest and other costs of finance paid		
1.6 Income taxes paid		
1.7 Government grants and tax incentives		
1.8 Other (provide details if material)	21	43
1.9 Net cash from / (used in) operating activities	(418)	(1,090)

* The company's accounting policy allocates staff costs to activities and are accordingly included in items 1.2 (a) and 1.2 (e). This represents expenditure on evaluation of potential project acquisitions.

2. Cash flows from investing activities		
2.1 Payments to acquire:		
(a) entities		
(b) tenements		
(c) property, plant and equipment		
(d) exploration & evaluation (if capitalised)		
(e) investments		
(f) other non-current assets		

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment		
	(d) investments	-	359
	(e) 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	-	359
3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	1,171
3.2	Proceeds from issue of convertible debt securities		
3.3	Proceeds from exercise of options		
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	(117)
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	-	1,054
4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	1,885	1,144
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(418)	(1,090)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	359
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	1,054

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
4.5	Effect of movement in exchange rates on cash held		
4.6	Cash and cash equivalents at end of period	1,467	1,467

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	1,435	653
5.2	Call deposits	32	1,232
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)	1,467	1,885

6. Payments to related parties of the entity and their associates

- 6.1 Aggregate amount of payments to related parties and their associates included in item 1
- 6.2 Aggregate amount of payments to related parties and their associates included in item 2

**Current quarter
\$A'000**

81

-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments

- 6.1 Payment was for remuneration directors

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Mining exploration entity or oil and gas exploration entity quarterly cash flow report

7. Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1 Loan facilities		
7.2 Credit standby arrangements		
7.3 Other (please specify)		
7.4 Total financing facilities		

7.5 Unused financing facilities available at quarter end	
7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.	

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (Item 1.9)	418
8.2 Capitalised exploration & evaluation (Item 2.1(d))	-
8.3 Total relevant outgoings (Item 8.1 + Item 8.2)	418
8.4 Cash and cash equivalents at quarter end (Item 4.6)	1,467
8.5 Unused finance facilities available at quarter end (Item 7.5)	-
8.6 Total available funding (Item 8.4 + Item 8.5)	1,467
8.7 Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	3.5
8.8 If Item 8.7 is less than 2 quarters, please provide answers to the following questions:	
1. Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer: N/A	
2. Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer: N/A	
3. Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
Answer: N/A	

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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.

29 APRIL 2020

Date:

BY THE BOARD

Authorised by:
 (Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow 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 cash flow 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.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.