

#### **Quarter Overview**

- Improved safety performance was achieved with a Lost Time Injury ("LTI") free quarter. This included the completion of a major shut down for maintenance at Vammala. As a consequence of the fewer hours worked during the Nordic summer period, the Group's 12 month rolling LTI frequency rate, per million work hours increased slightly to 15.7 (Q2 2016: 14.9).
- A Group C1 Cash Cost of US\$791/oz was achieved at the Vammala Production Centre ("Vammala") during the quarter. This was lower than the C1 Cash Cost achieved in the previous quarter and was the result of a 13% increase in milled tonnes and better than expected grades mined from the 65 stope at Jokisivu.
- Gold production of 7,892 ounces included 2,287 ounces produced from Orivesi ore and 5,605 ounces produced from Jokisivu ore during the quarter. The production was effected by the reduced operating hours over the Nordic summer holidays and a major shutdown at Vammala.
- To ensure environmental compliance at Svartliden, the processing of external concentrate ceased during the quarter. The decision was made due to the high leachable copper content of some external concentrates. Svartliden has continued to process 100% of the concentrate from Jokisivu and an increased amount of concentrate from Orivesi.
- The Orivesi Environmental Permit appeal has progressed with the Company having submitted its responses to the Regional State Administrative Office.
- The Fäboliden Test Mining Permit Application is being processed by the County Administration Board ("CAB"). The CAB advised the Company that it had an internal consultation deadline in early October 2016 and that they will respond, outlining any supplementary information that is required, in early November 2016. The Company continues to progress work on the full scale Environmental Permit Application.
- A Draft Local Master Plan which excludes mining has been proposed by the Municipality of Kuusamo ("Municipality"). The Company's legal advice is that the Municipality does not have the legal right to exclude mining as the Company holds valid Mining Concessions in the area granted by a federal agency. The Company's legal advice also indicates that in preparing the draft plan, the Municipality did not follow due process as they did not include the Company as holders of these Mining Concessions and as a significant land owner in the area. The Company has strong reservations on the proposed Plan and will vigorously oppose the Plan through the Finnish Courts, if and when it is published.
- At the Kaapelinkulma Gold Project, study work, pit optimisation and permitting have been completed for the Company's new and third gold mine in the southern Finland region. Grade control drilling will commence in the fourth

quarter of FY2016, with production to start as a function of production of the existing mines.

- Work on the Svartliden Rehabilitation Plan has continued with the Environmental Court approving an extension for its submission to April 2017.
- The cash generated by operations over the quarter was positive at A\$0.1 million. Available cash (bank accounts plus trade receivables less accounts payable) increased by A\$0.2 million during the quarter. Available cash totalled A\$10.5 million at the end of the quarter (details of cash movement are provided on page 8).

### Quarter at a Glance

Gold Production 7,892 ounces

C1 Cash Cost US\$791

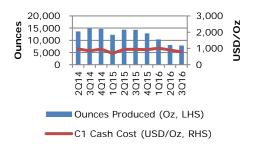
US\$791

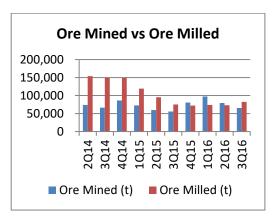
Safety Performance Nil

Available Cash<sup>(2)</sup> (Quarter end)

A\$10.5m

# Dragon Mining Quarterly Gold Production and C1 Cash Cost







# **Operations Review**

The Group's gold production for the third quarter of 2016 was 7,892 ounces at a C1 Cash Cost of US\$791/oz. In spite of a major shutdown at Vammala and reduced hours at the Company's mines over the Nordic summer holidays, gold production increased from the previous quarter with an increase in tonnes milled from the Jokisivu mine to compensate for the decreased tonnes milled from the Orivesi mine.

Svartliden processed only internal concentrates from Vammala following the Company's previously announced decision to cease processing external concentrates due to the high

leachable copper content found in the external concentrates. Most of the Jokisivu and Orivesi flotation concentrate was able to be processed at Svartliden with only a small portion delivered to the Boliden Harjavalta Smelter.

Vammala completed a major shutdown during a maintenance break on schedule which included a conveyor belt change in the crushing circuit, ore feeders, grinding mill inspection and linings patching, flotation cell cleaning, piping work, installation of the new tailings pipe, broken valves replacement, V-belt inspection and replacements.

#### Vammala Production Centre, Southern Finland

Quarter	Ore Mined (t)	Ore Milled (t)	Head Grade (g/t)	Recovery (%)	Plant Utilisation (%)	Total Gold Production (Ounces)	C1 Cash Cost <sup>1</sup> USD/oz sold
Dec 2015	80,582	72,226	4.7	88.2	86.5	9,632	688
Mar 2016	97,301	73,903	3.9	87.6	92.7	8,019	702
Jun 2016	79,416	73,005	3.0	87.0	87.1	6,466	907
Sep 2016	65,468	82,482	3.4	86.3	94.5	7,892	791

<sup>&</sup>lt;sup>1</sup>The Vammala Production Centre C1 Cash Cost definition is as set out by Mackenzie Wood.

#### **Safety**

During the period, no LTI's occurred at the Finnish operations. Vammala, Jokisivu and Orivesi have all recorded continuous LTI free days of 255, 285, and 666 respectively.

A total of sixteen reportable incidents were noted during the quarter; seven at Orivesi, five at Vammala and four at Jokisivu.

Positive safety initiatives during the quarter included:

 Information relating to accidents and incidents that have occurred at both Finnish and Swedish mines were discussed at both sites. The optimisation of the underground seismic monitoring system has continued at Orivesi. A specialist consultant, with over 30 years' experience working in deep South-African gold mines, visited Orivesi for a week in August 2016. The consultant undertook a rock engineering audit for Orivesi that provided measures to combat the effects of seismicity and provided further recommendations to the Company.

#### **Production**

Gold production for the quarter at Vammala was 7,892 ounces. Mill feed at Vammala comprised 21,357 tonnes from Orivesi at 4.1 g/t gold and 61,126 tonnes from Jokisivu at 3.2 g/t gold. In July, a new mill feed record of 28,890 tonnes was set in addition to setting a new mill feed record for the quarter with 82,482 tonnes.

<sup>&</sup>lt;sup>2</sup>Total gold production includes a positive quarterly true up to reconcile the provisional ounces sold to Boliden against the final gold outturn from Boliden.



The Jokisivu ore head grade was significantly impacted by the better than expected grades mined from the 65 stope, which was a pillar between the open pit and underground.

#### Orivesi Gold Mine

Total ore mined from Orivesi was 14,150 tonnes coming from one producing stope at Sarvisuo and two sill pillars at Kutema. Underground mining conditions remained challenging

The Kutema decline, which advanced 67 metres, was completed to the 1200m level by the end of September 2016. Development works advanced a total of 398 metres during the guarter.

#### Jokisivu Gold Mine

Total ore mined from Jokisivu was 51,318 tonnes. As advised in previous quarters, production from Jokisivu has been ramped up to compensate for the lower production from Orivesi. YTD mining at Jokisivu has produced 178,081 tonnes of ore at 2.7 g/t gold vs 104,639 tonnes of ore at 3.7 g/t gold (for the same period Jan – Sep 2015).

Three stopes at Kujankallio were mined out with mining conditions stable and development works advancing a total of 530 metres during the quarter.

#### Vammala Plant

Ore milled totalled 82,482 tonnes and gold recovery averaged 86.3%. The utilisation of the plant was 94.5%.

During the quarter, the raising of the tailings storage facility ("TSF") was completed along with a change of the conveyor belt in the crushing circuit, the cleaning of the flotation cells, the installation of the new tailings pipe, and the replacement of broken valves during a four day maintenance break.

#### **Environment**

#### Vammala Plant

It was reported in June 2016, that the Company had agreed with the Centre for Economic Development, Transport and the Environment ("ELY Centre"), that it would submit a proposal containing its improvement actions relating to water management around the site. In addition, the Company agreed to provide additional

information on the Kaapelinkulma ore and tailings. The purpose of the proposal is to further Company's application to process Kaapelinkulma ore and to continue processing at a rate of 300,000 tons per annum.

The proposal was submitted on 30 August 2016 and the ELY Centre responded on 22 September 2016. The ELY Center considers both activities as acceptable, on the basis that environmental impacts do not increase. The company is confident it can meet these requirements

The environmental inspection by the authorities from the ELY Centre and the Sastamala municipality was carried out on 7 September 2016. The Company was found to be operating in accordance with its Environmental Permit.

The control of dusting the TSF has been proactively managed with spraying of water and lime.

According to monitoring results sampled in August and September 2016, discharge amounts to the lower watercourse have decreased significantly. Improved seepage water collection and the effect of adding lime around the TSF are visible in almost neutral pH with less metal concentrations of water in the ditch Kovero-oja.

#### Orivesi Gold Mine

Actions to improve water management continued during the period. The equipment for automatically adjusting the discharge water pH level was in full operation since May 2016. Monthly discharge water analyses sampled during the quarter show that the mine continues to comply with its Environmental Permit conditions.

The annual inspection by the environmental authorities from the ELY Centre, and both the Orivesi and Tampere municipalities was carried out on 28 September 2016. As a result of the visit the company will look to increase the protective equipment around the fuel storage area.



#### Jokisivu Gold Mine

The Environmental Permit for crushing waste rock was issued on 13 June 2016. The 30 days' appeals period expired on 13 July 2016 with no appeals received. The Environmental Permit is now effective. This will allow the Company to

crush, use and sell the selected waste rock as aggregate

Monthly water analyses sampled throughout the quarter show that the mine is operating according to its permit conditions.

#### Svartliden Production Centre, Sweden

Quarter	External Con Milled (t)	Head Grade (g/t)	Recovery (%)	External Gold Production (Ounces)	¹Quarterly Profit/(Loss ) AUD \$,000
Dec 2015	1,042	109.0	95.0	3,211	-
Mar 2016	831	96.1	92.5	2,332	(1,502)
Jun 2016	521	105.1	92.9	1,607	388
Sep 2016	-	-	-	-	(2,002)

<sup>1</sup>A strategic decision has been made to keep the Svartliden plant operating at below breakeven to ensure continuity of operational staff and operational readiness for the development of Fäboliden. As a result, the Company does not consider the C1 Cash Cost an appropriate measure for Svartliden choosing instead to report the quantum of the strategic profit/(loss) incurred.

#### Safety

No LTI's occurred during the quarter and Svartliden is currently 182 days LTI free.

#### **Production**

During the quarter, Svartliden processed only internal concentrates from Vammala following the Company's previous decision to cease processing external concentrates due to the high leachable copper content found in the external concentrates.

As reported in previous quarters, Svartliden had experienced a sudden increase in copper levels in the Clear Water Pond ("CWP"). The discharge of any water from the CWP was suspended and measures were immediately taken to avoid breaching the permitted copper level in the discharge water. As a result copper levels have fallen significantly and it has been possible to recommence discharging water from the CWP from late July onwards.

Most of the Jokisivu and Orivesi flotation concentrates were processed at Svartliden during

the quarter with only a small portion delivered to the Boliden Harjavalta Smelter.

Continued design work for improving the efficiency of the cyanide destruction circuit has been completed scheduled for installation in the December 2016 quarter. The cyanide destruction circuit rebuild will give the operation the potential to increase concentrate throughput and produce a lower grade of dissolved copper complexes in the tailings.

#### **Environment**

Work to update the Svartliden Rehabilitation Plan continued during the quarter. The Environmental Court approved the extended submission of the Rehabilitation Plan to 10 April 2017, allowing the Company to include aspects of the operation with Fäboliden ores. In addition, moraine used as possible waste rock coverage was sampled and tested. The low permeability of the samples makes moraine suitable as a covering material.

All discharge limits have been met during the period. The copper levels in the CWP have decreased from  $7\mu g/l$  to  $3\mu g/l$  which is well below the upper limit of  $15\mu g/l$  and the reporting level



of 9µg/l. To be able to further reduce copper discharge levels, test work with flocculants and iron sulphate with different pH levels are being evaluated.

The Fäboliden Test Mining Permit application, submitted on 3 June 2016, remains with the County Administration Board ("CAB") and consultation bodies. The CAB deadline of 30 September 2016 has now passed and consultation bodies have responded with their comments. In summary, the Agency for Marine and Water Management had no comments, the Lycksele, Villhelmina and Storuman municipalities leaders response was positive, the Environmental Protection Agency required no additional information. The only request for additional information has been from the Lycksele Municipality Environment Development Board who have requested information about the water infiltration facility design and operation.

The CAB's internal consultation deadline is 7 October 2016, and the CAB handling officer has indicated that they will respond indicating any supplementary information required in early November 2016.

The notification of a minor change relating to the processing of ore from test mining was submitted to the CAB on 28 September 2016. The CAB has a maximum timeframe of 6 weeks to respond. This notification is under the Svartliden Permit and is indirectly connected to Fäboliden Test Mining.

The Full Permit Base line sampling and assaying work has continued. The Waste Rock Kinetic Tests were extended with 10 weeks to check for a potentially imminent pH shift (step change) and to gain sufficient decant water volumes for water treatment tests. The Kinetic Tests will be completed by mid-November. The next step will be water treatment tests on the leachate from the Kinetic Tests.

# **Advanced Projects**

Diamond core drilling continued during the September quarter with the completion of 35 drill holes, 4,435.25 metres at the Orivesi and Jokisivu gold mines in southern Finland.

Drilling campaigns were undertaken with the objective of identifying new mineralised zones and extensions to known mineralised zones, as well as providing information to support mine planning and mine development.

#### Southern Finland

#### **Orivesi Gold Mine**

Underground diamond core drilling advanced at Orivesi with 19 holes completed for a total of 1,840.25 metres during the quarter. Details of this drilling have previously been released to the ASX on the 12 May 2016 – Drilling Returns Robust Intercept from Orivesi Gold Mine and the 22 July 2016 – Encouraging Results from Southern Finland Drilling Programs, as well as subsequent to the end of the quarter on the 20 October 2016 – Drilling in Southern Finland Yields Promising Results. These releases can be found at www.asx.com.au (Code: DRA).

The final 7 holes in the 18 hole (3,073.85 metres) program that was designed to evaluate the extensions of Kutema Pipe 5 between the 1200m and 1280m levels were drilled. Results have now been received for all holes, the final holes returning a series of intercepts including highlights 4.20 metres @ 13.66 g/t gold and 9.45 metres @ 21.63 g/t gold. Overall the results from the program were positive, identifying a zone of higher grade mineralisation that displays reasonable vertical continuity over portion of Pipe 5, whilst indications of a new, separate zone was identified to the northeast of Pipe 5. All results received are provided in Appendix 1.

A series of definition holes were drilled targeting Kutema Pipe 5 from the 1140m, 1160m and 1180m levels. The 12 hole program yielded a number of intercepts including 4.00 metres @ 7.30 g/t gold, 6.50 metres @ 3.00 g/t gold, 7.80 metres @ 8.91 g/t gold and 10.00 metres @ 2.91 g/t gold (Appendix 2).

#### **Jokisivu Gold Mine**



Underground diamond core drilling continued at Jokisivu during the quarter, with 16 holes completed for a total of 2,595.00 metres. Details of this drilling have previously been released to the ASX, on 19 April 2016 - Drilling Continues at the Orivesi and Jokisivu Gold Mines and the 22 July 2016 - Encouraging Results from Southern Finland Drilling Programs, as well as subsequent to the end of the quarter on the 20 October 2016 - Drilling in Southern Finland Yields Promising Results. These releases can be found at www.asx.com.au (Code: DRA). These releases can be found at www.asx.com.au (Code: DRA).

Drilling was completed on a program that targeted the depth extensions of the Kujankallio Hinge Zone with the completion of the final 14 holes of the 23 hole program during the September quarter. Results were received from 14 holes (Total-19 holes) returning intercept highlights 4.30 metres @ 5.74 g/t gold, 1.20 metres @ 20.93 g/t gold, 0.85 metres @ 45.40 g/t gold, 4.60 metres @ 13.95 g/t gold, 3.10 metres @ 11.37 g/t gold, 4.60 metres @ 12.80 g/t gold, 1.30 metres @ 23.40 g/t gold and 6.30 metres @ 6.72 g/t gold. All results are provided in Appendix 3. Results for 4 holes are pending.

Underground diamond core drilling has now commenced on a program to further evaluate the Kujankallio Main Zone between the 105m and 145m levels. This panel is located in the middle of the production area and had previously been rejected due to its narrow nature and lack of intercept data. Two holes of the planned 9 hole program were completed during the quarter. Results are pending.

#### Kaapelinkulma Gold Project

With the completion of study work, pit optimisation and permitting, the Company's third gold mine in the southern Finland region can be commenced at any time. Grade definition drilling will commence in the December quarter and the Company will now phase in the operations at Kaapelinkulma with the mine plans of the existing operations at Orivesi and Jokisivu.

#### **Northern Sweden**

#### Fäboliden Gold Project

Dragon Mining continued work on the development of the Fäboliden Gold Project in Northern Sweden. Pit design optimisation as well as further engineering on the waste rock pile location was completed

The Company submitted its Environmental Permit Application for a test mining operation at Fäboliden to the County Administration Board ("CAB"). Test mining is anticipated to commence in early 2017. The Company continues to progress work on the full scale Environmental Permit Application.

# **Exploration**

## Northern Finland Hanhimaa Gold Project (Diluting to 30% Interest)

Agnico Eagle Mines Limited (NYSE:AEM) (TSX:AEM) ("Agnico Eagle") advised Dragon Mining that work during the September quarter included trenching and geochemical sampling in the very northern part of the Hanhimaa project area and trenching in the Kiimakuusikko-Välikiimaa area. Diamond core drilling also resumed with two holes completed on the Vuotso structural target.

Drilling is now advancing in the Kiimakuusikko-Välikiimaa area testing the previously identified Titan24 geophysical anomalies.

Results are pending for all programs.

Agnico Eagle is earning up to a 70% interest in the Hanhimaa Gold Project in northern Finland with the staged expenditure of  $\in$ 9 million over a 9 year period from the 15 February 2013. Agnico Eagle is the manager during the earn-in period and can now withdraw at any time, having achieved the minimum expenditure level of  $\in$ 1.5 million.

#### **Kuusamo Gold Project**

The Municipality of Kuusamo has proposed a draft Local Master Plan ("Plan"), which seeks to



establish an area deemed by the Municipality as the Core Area for Tourism.

Whilst quarrying and crushing of soil material and forestry is permitted, the Municipality is attempting to exclude mining, processing and refining in the Core Area for Tourism.

The Company's legal advice is that the Municipality does not have the legal right to exclude mining as the Company holds valid Mining Concessions in the area granted by a federal agency. The Company's legal advice also indicates that, in preparing the draft plan, the Municipality did not follow due process as they did not include the Company as holders of these Mining Concessions and as a significant land owner in the area. The Company has strong reservations on the proposed Plan and will vigorously oppose the Plan through the Finnish Courts, if and when it is published.

# Corporate

#### **Cash Generation**

At the end of the quarter, the Group had A\$13.1 million in the bank (Q2: A\$13.0 million), trade receivables of A\$2.6 million (Q2: A\$6.0 million) and accounts payable of A\$5.2 million (Q2: A\$8.7 million). Available cash (cash at bank plus trade receivables less accounts payable) was A\$10.5 million.

Quarter Cash Flows	A\$(m)
Operating Cash Flows	
Revenue	12.4
Operating Costs	(12.0)
Cash inflows for taxation, rehabilitation bonds, overhead and operational support costs	-
Exploration	1.2
Net operating cash flows	1.6
Investing Cash Flows	
Development expenditure	(0.6)
Capital purchases	(0.8)
Other	-
Net investing cash flows	(1.4)
Financing Cash Flows	
Drawdown/(Repayment) of gold concentrate factoring facility	-
Foreign exchange gains/(loss)	(0.2)
Net financing cash flows	(0.2)
Increase in cash at bank	0.1

The Company's available cash has increased by A\$0.2 million during the quarter which can be reconciled to the following movements:

Movement in Available Cash	A\$(m)
Opening available cash	10.3
Add increase in cash at bank	0.1
Less decrease in receivables	(3.4)
Add decrease in accounts payable	3.5
Closing Available Cash	10.5



#### **Competent Persons Statements:**

The information in this report that relates to Exploration Results were previously released to the ASX on 19 April 2016 – Drilling Continues at the Orivesi and Jokisivu Gold Mines, 12 May 2016 – Drilling Returns Robust Intercept From Orivesi Gold Mine, 22 July 2016 – Encouraging Results from Southern Finland Drilling Programs and 20 October 2016 Drilling in Southern Finland Yields Promising Results, which can be found at www.asx.com.au (Code: DRA). They fairly represent information and supporting documentation that was compiled by Mr. Neale Edwards BSc (Hons), a Fellow of the Australian Institute of Geoscientists, who is a full time employee of the company and 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 Competent Person as defined in the 2012 Edition of the Australasian Code of Reporting for Exploration Results, Mineral Resources and Ore Reserves. Written consent was previously provided by Mr. Neale Edwards for the releases dated the 19 April 2016, 12 May 2016, 22 July 2016 and 20 October 2016.

The Company confirms that it is not aware of any new information or data that materially affects the Exploration Results as released on the 19 April 2016, 12 May 2016, 22 July 2016 and 20 October 2016, and the assumptions and technical parameters underpinning the Exploration Results in the listed releases continue to apply and have not materially changed.

Mr. Neale Edwards BSc (Hons), a Fellow of the Australian Institute of Geoscientists, who is a full time employee of Dragon Mining and 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 Competent Person as defined in the 2012 Edition of the Australasian Code of Reporting for Exploration Results, Mineral Resources and Ore Reserves confirms that the form and context in which the Exploration Results are presented in this report have not been materially modified from the releases dated the 19 April 2016, 12 May 2016, 22 July 2016 and 20 October 2016. Mr. Neale Edwards has provided written consent approving the Exploration Results in this report in the form and context in which they appear.



# **Appendix 1**

Results from the underground diamond core drilling program that is targeting Kutema Pipe 5 between the 1200m and 1280m levels. All intercepts reported at a 1 g/t gold cut-off. (ASX Releases – 12 May 2016, 22 July 2016 and 20 October 2016)

Hole	North	East	Elevation	Azimuth	Dip	Length	From	Interval	Gold
KII 4500				(°)	(°)	(m)	(m)	(m)	(g/t)
KU-1509	6838546.78	2508601.95	-959.32	27.29	-70.37	215.30	133.00	15.00	16.86
KII 4540	0000547.00	0500004.04	050.00	20.75				m 133.00 metres	
KU-1510	6838547.28	2508601.81	-959.32	36.75	-67.03	122.30		Significant Resul	1
KU-1510B	6838546.68	2508602.12	-959.32	33.73	-66.44	200.20	102.40	1.10	1.22
							127.00	5.00	1.88
							165.50	1.50	9.98
1711 4544	0000547.00	0500000 44	252.00	40.50	04.40	0.45.00	169.50	1.50	12.25
KU-1511	6838547.26	2508602.41	-959.30	43.50	-64.10	245.30	13.30	1.70	1.17
							90.40	0.95	3.07
							137.00	1.50	1.17
							143.70	1.90	1.52
KU-1512	6838547.87	2508602.12	-959.29	53.03	-61.16	`242.50	13.50	1.50	1.04
							192.50	0.90	1.07
KU-1513	6838515.07	2508622.69	-960.69	8.03	-66.00	230.40	100.00	1.50	1.25
							122.00	1.00	3.33
							150.70	0.70	3.52
							170.50	0.90	28.20
KU-1514	6838515.15	2508622.69	-960.44	7.00	-56.60	194.30	45.00	1.00	1.08
							130.00	1.50	1.75
							134.50	2.30	1.71
							160.00	9.00	3.02
KU-1515	6838514.92	2508622.27	-960.31	357.33	-57.00	170.00	50.00	1.00	1.82
							129.00	7.20	3.47
KU-1516	6838514.72	2508621.59	-959.78	351.75	-55.02	176.00	51.00	1.00	14.35
							123.00	1.00	1.52
							128.50	3.00	1.88
KU-1525	6838534.73	2508624.14	-1002.21	1.97	-39.68	95.30	36.50	1.50	1.94
							65.30	4.20	13.66
					Includes 1.5	0 metres @ 26	.20 g/t gold fro	m 68.00 metres	
							73.00	1.50	1.17
KU-1526	6838534.41	2508624.42	-1002.22	13.36	-45.27	128.50	79.00	5.00	1.12
KU-1527	6838534.88	2508624.02	-1002.20	7.50	-45.46	124.40	39.60	0.95	3.09
							76.20	1.10	1.68
							80.00	1.30	1.95
							82.55	1.05	1.24
KU-1528	6838534.19	2508624.21	-1002.24	17.36	-53.21	137.95	20.10	1.30	1.03
							32.50	1.00	8.70
							45.90	1.50	1.05
							53.40	7.50	3.85
							97.50	1.00	1.22
							125.20	3.50	2.26
KU-1529	6838534.31	2508623.75	-1002.23	0.84	-51.68	129.00	35.00	1.00	1.48
							49.00	2.50	1.58
							88.30	9.45	21.63
							115.15	0.80	1.88
KU-1530	6838534.86	2508623.90	-1002.22	3.89	-59.84	149.40	48.30	1.20	2.07
							61.00	3.00	2.61



							103.60	9.90	5.42
							135.60	0.80	6.15
KU-1531	6838535.02	2508623.37	-1002.19	352.19	-59.43	156.00	27.50	1.50	6.05
							45.50	1.50	6.70
							111.90	1.50	1.87
KU-1532	6838534.36	2508624.14	-1002.23	12.86	-55.84	180.00	36.00	1.60	1.62
							58.00	2.00	1.70
							104.50	0.90	1.48
							133.00	8.00	2.45
KU-1533	6838534.519	2508623.6	-1002.22	356.89	-62.97	177.00	22.00	0.30	20.10
							42.00	1.00	1.78
							124.00	1.00	1.28
							126.00	1.00	1.38
							132.00	1.20	1.27

# Appendix 2

Results from the underground diamond core drilling program that is targeting the Kutema Pipe 5 from the 1140m, 1160m and 1180m levels at the Orivesi Gold MineKujankallio deposit at the Jokisivu Gold Mine. All intercepts reported at a 1 g/t gold cut-off. (ASX Release - 20 October 2016)

Hole	North	East	Elevation	Azimuth (°)	Dip (°)	Length (m)	From (m)	Interval (m)	Gold (g/t)
KU-1517	6838534.94	2508624.89	-1001.02	26.62	2.87	72.20	19.20	0.70	1.93
							64.00	2.00	1.40
KU-1518	6838535.05	2508624.50	-1001.09	18.00	2.65	66.00	8.00	1.50	1.11
							47.80	1.20	1.15
							51.00	1.15	1.60
							62.00	2.00	1.44
KU-1519	6838535.79	2508623.62	-1001.22	357.73	3.33	63.00	43.00	5.30	1.63
							53.00	1.00	1.64
							56.00	0.80	3.14
KU-1520	6838536.61	2508622.17	-1000.94	338.14	3.17	60.00	43.00	6.00	1.78
KU-1521	6838534.85	2508624.67	-1001.76	21.33	-17.13	78.00	13.50	1.50	1.03
							55.00	4.00	7.30
							63.00	1.00	1.54
KU-1522	6838535.23	2508624.25	-1001.79	8.94	-17.98	72.00	57.00	1.00	1.64
KU-1523	6838535.73	2508623.60	-1001.84	356.47	-24.96	69.00	16.70	0.70	1.10
							28.00	1.50	1.77
							52.00	6.50	3.00
KU-1524	6838536.49	2508622.20	-1001.89	337.43	-20.59	68.80	25.40	1.60	1.69
KU-1534	6838551.80	2508589.99	-978.29	27.93	-1.32	49.80	31.00	1.00	2.01
KU-1535	6838551.70	2508590.86	-978.27	34.75	-0.86	56.50	20.00	1.00	2.02
							23.00	3.00	3.38
							28.50	7.80	8.91
					Includes 3.0	0 metres @ 18	3.60 g/t gold fro	m 28.50 metres	
KU-1537	6838548.67	2508592.72	-978.15	58.44	0.71	80.30	51.15	4.35	1.56
KU-1536	6838550.19	2508592.75	-978.09	50.05	-0.35	71.80	31.00	10.00	2.91
							46.50	3.00	1.33
							66.00	1.20	1.24
							69.50	0.30	1.21



# **Appendix 3**

Results from the underground diamond core drilling program that targeted the Kujankallio Hinge Zone at the Jokisivu Gold Mine. All intercepts reported at a 1 g/t gold cut-off. (ASX Release – 19 April 2016, 22 July 2016 and 20 October 2016)

Hole	North	East	Elevation	Azimuth (°)	Dip (°)	Length (m)	From (m)	Interval (m)	Gold (g/t)
HU/JS-739	6779584.28	2426255.75	-266.24	350.95	-36.13	194.60	51.50	0.50	1.58
							79.45	3.25	1.32
							95.00	0.80	20.30
							101.60	3.00	6.06
							171.20	0.55	2.09
HU/JS-740	6779583.81	2426255.08	-266.21	339.87	-44.96	182.50	30.50	1.30	23.40
							41.00	1.00	4.21
							58.70	0.50	1.64
							64.80	0.40	3.12
							89.90	3.05	2.75
							119.00	1.00	4.82
HU/JS-741	6779481.32	2426202.73	-199.96	53.51	-0.77	289.50	0.15	0.85	1.55
110/00 111	0770101.02	2 120202.70	100.00	00.01	0.17	200.00	48.60	1.05	2.48
							140.70	0.25	7.26
							178.30	3.85	1.60
							190.35	2.15	1.70
							224.45	0.45	17.65
HU/JS-742	6779482.17	2426202.62	-200.27	41.09	-14.35	401.50	35.00	1.00	1.49
110/00-142	0779402.17	2420202.02	-200.21	41.09	-14.55	401.50	124.50	1.50	3.75
							160.00	1.50	1.74
							205.10	1.05	1.02
							214.40	5.85	4.71
							236.25	0.75	1.42
							248.55	0.73	1.42
							265.50	0.60	1.49
							277.40	1.00	1.43
HU/JS-743	6779481.30	2426202.72	-200.15	48.47	-14.11	401.30	178.00	1.00	4.74
110/33-743	0773401.30	2420202.12	-200.13	40.47	-14.11	401.50	239.70	0.75	3.96
							244.95	3.35	6.76
							258.20	7.60	2.44
							298.00	1.00	6.73
							304.00	1.00	4.92
							314.60	0.40	2.66
							337.00	1.45	1.06
							339.45	0.85	15.45
							352.00	1.15	7.17
HU/JS-744	6779481.56	2426202.78	-200.18	56.51	-12.19	350.60	39.20	0.80	1.42
110/33-744	07.79401.00	2420202.10	-200.10	50.51	-12.19	330.00	180.10	1.00	1.42
							197.60	0.85	118.50
							231.70	1.10	5.06
							237.70	2.30	2.81
							244.50	1.00	8.34
							244.50	2.75	2.56
							268.50	1.00	1.48
							287.20	1.00	5.66
HU/JS-746	6770F96 99	2426250 14	266.05	356.20	10.50	200.50	41.50		2.60
TU/JO-/40	6779586.88	2426259.14	-266.05	356.20	-19.50	200.50	41.50	1.25	∠.७∪



		I	ı	1			400.00	4.05	40.00
					1		106.30	1.65	13.92
					-		109.15	0.40	4.53
							120.00	4.00	1.83
					-		127.25	1.00	20.00
							163.00	3.10	11.37
							174.55	1.15	1.61
							177.30	0.90	1.24
							188.35	1.00	1.11
HU/JS-747	6779586.24	2426257.82	-265.69	349.24	-3.59	155.40	93.50	1.20	1.07
							100.00	3.00	5.63
							122.50	0.95	3.32
		2 / 2 2 2 2 2 2 2		0.15.50		101.10	149.75	0.40	1.86
HU/JS-748	6779586.20	2426257.80	-265.85	345.72	-12.92	161.40	61.50	0.90	1.66
					1		95.00	4.60	12.80
					Includes 2.8	5 metres @ 20		m 96.75 metres	
							125.60	0.90	3.73
							141.00	4.60	13.95
							145.20	0.90	8.07
					Includes 0.7	5 metres @ 15		m 145.20 metres	
							150.60	0.70	1.54
							158.00	3.40	2.06
HU/JS-749	6779575.78	2426278.85	-268.07	72.2	-15.0	269.40	50.20	1.00	4.62
							204.50	4.50	6.79
							231.40	0.95	1.06
							234.40	1.10	3.82
							238.15	1.70	6.49
							260.85	2.65	2.81
							264.55	1.10	1.87
HU/JS-750	6779576.31	2426278.28	-268.04	61.48	-18.07	233.40	13.50	1.05	1.46
							89.95	0.95	5.68
							188.25	4.30	5.74
							208.00	1.00	1.84
							222.40	0.95	2.81
HU/JS-751	6779583.97	2426255.20	-265.63	341.23	-24.86	164.60	33.00	2.20	2.99
							79.50	0.95	5.17
							82.00	1.00	1.40
							85.00	6.30	6.72
							124.30	2.50	1.58
							128.65	0.50	19.40
HU/JS-752	6779583.49	2426254.97	-265.79	335.22	-34.90	170.60	56.35	1.20	5.02
							62.70	1.00	1.33
							72.25	1.00	1.36
					1		77.30	1.00	6.02
							86.50	2.60	2.53
					1		113.00	0.75	8.15
					1		120.05	1.20	1.04
		0.4005			1.5	24:	157.90	4.00	1.36
HU/JS-756	6779587.15	2426259.46	-266.02	4.70	-12.50	214.00	26.50	1.45	1.33
					1		108.75	1.25	1.14
		0.4005			1	00:	111.05	0.65	1.75
HU/JS-757	6779587.12	2426259.45	-266.19	4.40	-22.50	204.70	43.50	1.00	1.98
					<del> </del>		53.55	0.95	1.14
							117.45	2.00	4.19



							123.30	1.00	1.09
							130.90	0.85	45.40
							139.45	1.55	1.51
							167.50	0.90	2.96
							189.60	1.00	1.51
							201.30	1.50	1.60
HU/JS-785	6779587.10	2426259.49	-266.50	4.21	-32.00	209.60	50.00	0.60	16.85
							53.00	1.30	1.00
							98.35	0.80	9.11
							127.80	1.20	20.93
							144.00	1.15	1.73
							149.30	1.90	1.61
							184.15	1.00	1.35
HU/JS-786	6779582.01	2426253.89	-265.61	311.32	-21.44	145.70	53.75	1.05	2.51
							56.85	1.80	3.60
							64.25	0.95	5.50
							80.15	1.10	4.80
							108.25	2.75	1.44
							141.70	0.90	2.57
HU/JS-787	6779581.61	2426253.50	-265.70	295.03	-24.81	161.40	10.75	2.10	1.43
							33.75	0.85	1.68
							39.50	0.50	3.56
							48.30	1.15	8.09
							59.60	1.10	2.80
							77.10	2.00	2.05
							98.50	1.05	2.98
							119.40	0.50	3.54
HU/JS-788	6779581.66	2426253.62	-265.41	-10.57	298.13	155.20	60.70	1.00	3.97
							82.90	2.50	3.77
							99.15	0.85	1.22



# Appendix 4 Company Tenement Holding Mining Tenements

Project Tenements the the	
Name   Type   Name   Type   Name	during
SWEDEN   Svartlidengruvan   K nr 1	the
Swartliden   Svartlidengruvan   K nr 1	uarter
Svartliden   Svartlidengruvan   K nr 1	%
Svartliden	
Svartliden	
Fäboliden K nr 1	
Fäboliden         2016:75         Fäboliden nr 11         EP         100         100         -           2014:1         Fäbodliden nr 72         EP         100         -         -           2014:2         Fäbodliden nr 82         EP         100         -         -           2014:4         Svannäs nr 12         EP         100         -         -           FINLAND         2676         Seri         MC         100         -         -           ML2013:0006         Sarvisuo 1-2         EL         100         -         -           ML2015:0026         Sarvisuo 3         EL         0         -         -           9128/1         Yläinensilmäke         Claim         100         -         -           7244         Jokisivu         MC         100         -         -           KL2015:0005         Jokisivu 2         MC         100         -         -           Jokisivu         Jokisivu 4-5         EL         100         -         -           8970/1         Jokisivu 8         Claim         100         -         -           8970/2         Jokisivu 8         Claim         100         -         - <td></td>	
Fäboliden         2014:1         Fäbodliden nr 72         EP         100         -         -           2014:2         Fäbodliden nr 82         EP         100         -         -           2014:4         Svannäs nr 12         EP         100         -         -           FINLAND           Orivesi         2676         Seri         MC         100         -         -           ML2013:0006         Sarvisuo 1-2         EL         100         -         -           ML2015:0026         Sarvisuo 3         EL         0         -         -           9128/1         Yläinensilmäke         Claim         100         -         -           KL2015:0026         Jokisivu         MC         100         -         -           ML2015:0026         Jokisivu 2         MC         100         -         -           KL2015:0005         Jokisivu 2         MC         100         -         -           ML2012:0112         Jokisivu 7         Claim         100         -         -           8970/2         Jokisivu 8         Claim         100         -         -           Vammala         ML2014:0049         K	
Principal	
Description   Property   Proper	
FINLAND           Orivesi         2676         Seri         MC         100         -<	
Orivesi         2676         Seri         MC         100         -         -         -           ML2013:0006         Sarvisuo 1-2         EL         100         -         -         -           ML2015:0026         Sarvisuo 3         EL         0         -         -         -           9128/1         Yläinensilmäke         Claim         100         -         -         -           7244         Jokisivu         MC         100         -         -         -           KL2015:0005         Jokisivu 2         MC         100         -         -         -           ML2012:0112         Jokisivu 4-5         EL         100         -         -         -           8970/1         Jokisivu 7         Claim         100         -         -         -           Vammala         1895         Stormi         MC         100         -         -           Kaapelinkulma         K7094         Kaapelinkulma         MC         100         -         -           Kaapelinkulma         Res         0         -         -         -	
Orivesi         ML2013:0006 ML2015:0026         Sarvisuo 3         EL         100         -         -         -           9128/1         Yläinensilmäke         Claim         100         -         -         -           7244         Jokisivu         MC         100         -         -         -           KL2015:0005         Jokisivu 2         MC         100         -         -         -           8970/1         Jokisivu 4-5         EL         100         -         -         -           8970/2         Jokisivu 7         Claim         100         -         -         -           8970/2         Jokisivu 8         Claim         100         -         -         -           Vammala         MS         NC         100         -         -         -           Kaapelinkulma         K7094         Kaapelinkulma         MC         100         -         -           Kaapelinkulma         Res         0         -         -         -	
Orivesi         ML2015:0026         Sarvisuo 3         EL         0         -<	
ML2015:0026   Sarvisuo 3   EL   0   -   -   -       9128/1   Yläinensilmäke   Claim   100   -     -     7244   Jokisivu   MC   100   -     -     KL2015:0005   Jokisivu 2   MC   100   -     -     ML2012:0112   Jokisivu 4-5   EL   100   -     -     8970/1   Jokisivu 7   Claim   100   -     -     8970/2   Jokisivu 8   Claim   100   -     -     Wammala   1895   Stormi   MC   100   -     -     ML2014:0049   Kärmeenmaa   EL   100   -     -     Kaapelinkulma   K7094   Kaapelinkulma   MC   100   -     -     Kaapelinkulma   Res   0   -     -	
Jokisivu       MC       100       -       -         Jokisivu       MC       100       -       -         ML2015:0005       Jokisivu 2       MC       100       -       -         8970/1       Jokisivu 7       Claim       100       -       -       -         8970/2       Jokisivu 8       Claim       100       -       -       -         Vammala       MC       100       -       -       -         ML2014:0049       Kärmeenmaa       EL       100       -       -       -         Kaapelinkulma       MC       100       -       -       -         Kaapelinkulma       Res       0       -       -       -	
Jokisivu       KL2015:0005       Jokisivu 2       MC       100       -       -       -         ML2012:0112       Jokisivu 4-5       EL       100       -       -       -         8970/1       Jokisivu 7       Claim       100       -       -       -         8970/2       Jokisivu 8       Claim       100       -       -       -         1895       Stormi       MC       100       -       -       -         ML2014:0049       Kärmeenmaa       EL       100       -       -       -         Kaapelinkulma       MC       100       -       -       -         Kaapelinkulma       Res       0       -       -       -	
Jokisivu         ML2012:0112         Jokisivu 4-5         EL         100         -         <	
8970/1       Jokisivu 7       Claim       100       -       -         8970/2       Jokisivu 8       Claim       100       -       -         1895       Stormi       MC       100       -       -         ML2014:0049       Kärmeenmaa       EL       100       -       -         Kaapelinkulma       MC       100       -       -         Kaapelinkulma       Res       0       -       -	
Vammala       8970/2       Jokisivu 8       Claim       100       -       -       -         ML2014:0049       Kärmeenmaa       EL       100       -       -         Kaapelinkulma       MC       100       -       -         Kaapelinkulma       MC       100       -       -         Kaapelinkulma       Res       0       -       -	
Vammala         1895         Stormi         MC         100         -	
Vammala         ML2014:0049         Kärmeenmaa         EL         100         -         -           Kaapelinkulma         MC         100         -         -         -           Kaapeli         Res         0         -         -	
Kaapelinkulma       ML2014:0049       Kärmeenmaa       EL       100       -       -         Kaapelinkulma       MC       100       -       -         Kaapeli       Res       0       -       -	
Kaapelinkulma Kaapeli Res 0	
Kaapeli Res U	
4909 Meurastuksenaho MC 100	
3965 Juomasuo MC 100	
4013 Sivakkaharju MC 100	
K2015:0003 Juomasuo 2 MC 0	
Kuusamo ML2012:0056 Hangaslampi 14 EL 0 -	
ML2011:0022 Ollinsuo 1-2 EL 0	
ML2014:0116 Kontti-mutka 1-6 EL 0	
ML2015:0010 Petäjävaara EL 0	
ML2014:0115 Hangaslampi EL 0	
4843 Kutuvuoma MC 100	
9129/1 Kutuvuoma 4 Claim 100	
<b>Kutuvuoma</b> 9129/2 Kutuvuoma 5 Claim 100	
9275/1 Kutuvuoma 6 Claim 100	
9275/2 Kutuvuoma 7 Claim 100	
9275/3 Kutuvuoma 8 Claim 100	
9275/4 Kutuvuoma 9 Claim 100	
9275/5 Kutuvuoma 10 Claim 100	
9275/6 Kutuvuoma 11 Claim 100	
9275/7 Kutuvuoma 12 Claim 100	
9275/8 Kutuvuoma 13 Claim 100	
9275/9 Kutuvuoma 14 Claim 100	
9275/10 Kutuvuoma 15 Claim 100	



Project		Tenements		Held at end of the Quarter	Acquired during the Quarter	Disposed during the Quarter
	ID	Name	Туре	%	%	%
	9275/11	Kutuvuoma 16	Claim	100	-	-
	9275/12	Kutuvuoma 17	Claim	100	-	-
	9275/13	Kutuvuoma 18	Claim	100	-	-
	9275/14	Kutuvuoma 19	Claim	100	-	-
	9275/15	Kutuvuoma 20	Claim	100	-	-
	9275/16	Kutuvuoma 21	Claim	100	-	-
	ML2016:0026	Vuoma	EL	0	0	-
	9202/1	Silasselkä 8	Claim	100	-	_
	9202/2	Silasselkä 9	Claim	100	-	_
	9202/3	Silasselkä 10	Claim	100	-	_
	9202/4	Silasselkä 11	Claim	100	-	_
Silasselkä	9202/5	Silasselkä 12	Claim	100	-	_
	9202/6	Silasselkä 13	Claim	100	-	_
	9202/7	Silasselkä 14	Claim	100	-	_
	ML2016:0002	Sila 1	EL	0	-	-
	ML2016:0033	Sila 2	EL	0	-	
	7014	Hietaharju	MC	5	-	_
	7922	Peura-aho	MC	5	-	-
Madama a Jakat	ML2012:0047	Vaara	EL	5	-	_
Kuhmo Joint	ML2013:0048	Kauniinlampi	EL	5	-	_
Venture (Note	ML2013:0002	Peura-aho	EL	5	-	-
1)	8745/1	Hietaharju North	Claim	5	-	-
	ML2013:0047	Sika-aho	EL	5	-	-
	ML2013:0003	Arola	EL	5	-	-
Notes						
1		ld a free carried 5% ir ights to gold and silve				
EC	Exploitation Conce	ession (Sweden)				
EP	Exploration Permi					
	•	ce (Finland) – Refers to	o teneme	nts applied	for after 1 Ju	ıly 2011 in
EL	•	he new Finnish Mining				-
	referred to as Cla	=				
MC	Mining Concession					
Res	Reservation Notifi					



# Farm-ins/Farm-outs

Project	Tenements		_	Held at end of the Quarter	Acquired during the Quarter	Disposed during the Quarter
	ID	Name	Туре	%	%	%
FINLAND						
Hanhimaa Earn-In (Note 1)	ML2013:0060	Suksee 1	EL	100	-	-
	ML2012:0173	Kello 47	EL	100	-	_
	ML2014:0010	Kello 51-53	EL	100	-	-
	ML2015:0021	Kello 54-63	EL	0	-	-
	8816/2	Kello 80	Claim	100	-	-
	8816/3	Kello 81	Claim	100	-	-
	9116/1	Kello 82	Claim	100	-	-
	9116/2	Kello 83	Claim	100	-	-
	9116/3	Kello 84	Claim	100	-	-
	9116/4	Kello 85	Claim	100	-	-
	9116/5	Kello 86	Claim	100	-	_
	9116/6	Kello 87	Claim	100	-	-
	9116/7	Kello 88	Claim	100	-	-
	ML2011:0005	Kielisenmaa	EL	0	-	-
	ML2012:0095	Suksee 2-16	EL	0	-	-
	ML2011:0065	Kello 12	EL	0	-	-
Notes						
1	Dragon Mining diluting down to 30% interest.					