

# QUARTERLY ACTIVITIES REPORT

*For the quarter ended 30 June 2019*

Metals Australia Ltd (ASX: MLS and Company) is pleased to report its activities for the quarter ended 30 June 2019.

## OVERVIEW

During the Quarter, Metals Australia completed its Phase II exploration program, comprising its maiden diamond drilling program at the Lac Rainy Graphite Project, located in Quebec, Canada. The Company engaged Magnor Exploration Inc. (Magnor) to complete the drilling program, including oversight of the geological and technical aspects of the program.

The drilling program was designed to test the down dip/ plunge depth extensions of the high-grade surface mineralisation identified by the trenching and channel sampling campaign completed during the 2018 field season at Lac Rainy.

The drilling initially focused on the known high-grade Lac Carheil Prospect which is at the SE end of the mineralised trend as well as step out drilling along strike in a north-west direction. Seventeen (17) diamond drill holes were completed for a total of 2,318m with the drilling program finishing on 17 May 2019. The program was highly successful with a total of ten (10) holes from the seventeen drill hole program finishing in mineralisation that is open at depth. Graphite flake mineralisation was intersected in all drill holes with DDH 19 intersecting the main Carheil Graphitic Zone over a significant width of 70 metres (in apparent width) at a depth from 9.0 metres to 79.9 metres.

Drill results include:

<b>DDH LR19-01</b>	<b>42.7m at 14.5% Cg from 75.85m</b>
<b>DDHLR19-09</b>	<b>70.0m at 17.1% Cg from 9.0m</b>
<b>DDH LR19-02</b>	<b>33.3m at 19.9% Cg from 65.7m</b>

The surface mineralised trend at Lac Rainy at this point in time has been mapped for in excess of 3.2 km along strike in a north-west direction and remains open along strike. The recently completed drilling program tested approximately 750m at the southeast end of the trend.

The Board has been encouraged by the results of the drilling and assay results received to date, which have demonstrated that Lac Rainy has the potential to deliver a world-class high-grade and near surface graphite deposit.

During the upcoming Quarter, the Company plans on advancing its metallurgical testing on the drill core from the diamond drilling program and engaging further with potential end-users and joint development partners across North America and Europe.

During the Quarter, the Company continued with its evaluation of the Manindi Lithium Project and continued to hold discussions with potential joint development partners in relation to the next stage of exploration to take place at the Manindi Lithium Project.

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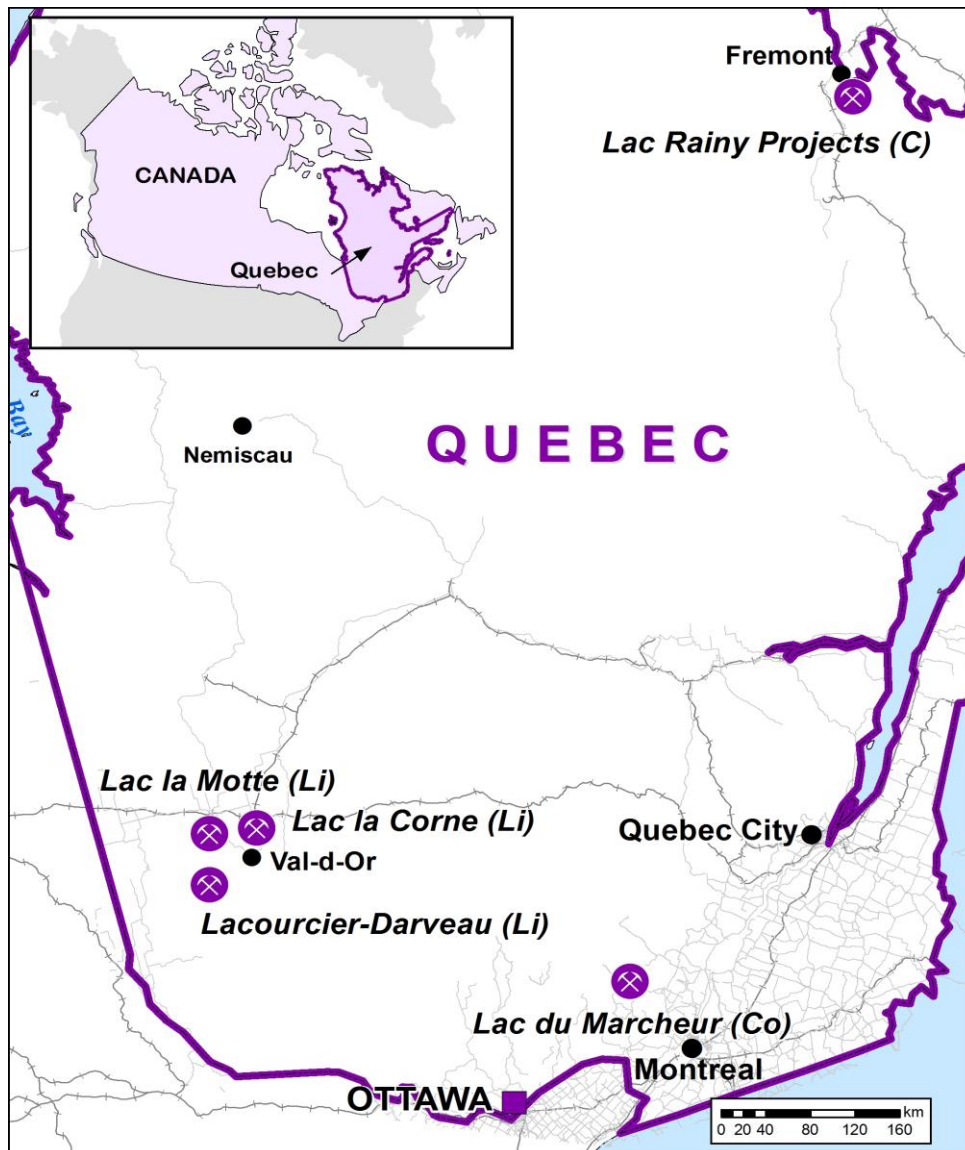


## GRAPHITE, COBALT AND LITHIUM PROJECTS IN QUEBEC, CANADA

Metals Australia, through its wholly owned subsidiary Quebec Lithium Limited (QLL), owns a 100% interest in the following exploration projects, located in Quebec, Canada (Figure 1):

- Lac Rainy Graphite Project
- Lac du Marcheur Copper-Cobalt Project
- Lac La Motte Lithium Project
- Lac La Corne Lithium Project
- Lacourciere-Darveau Lithium Project

**Figure 1: Location map of projects in Quebec, Canada**



## LAC RAINY GRAPHITE PROJECT

The Lac Rainy project consists of a contiguous landholding of 88 mineral claims covering an area of approximately 45.5 km<sup>2</sup> located 22 km south-west of the historic mining town of Fermont in one of the premier graphite mining regions of Quebec. The Lac Rainy Project is approximately 15 km east of Route 389, a paved highway that links the Project with major ports along the St. Lawrence River.

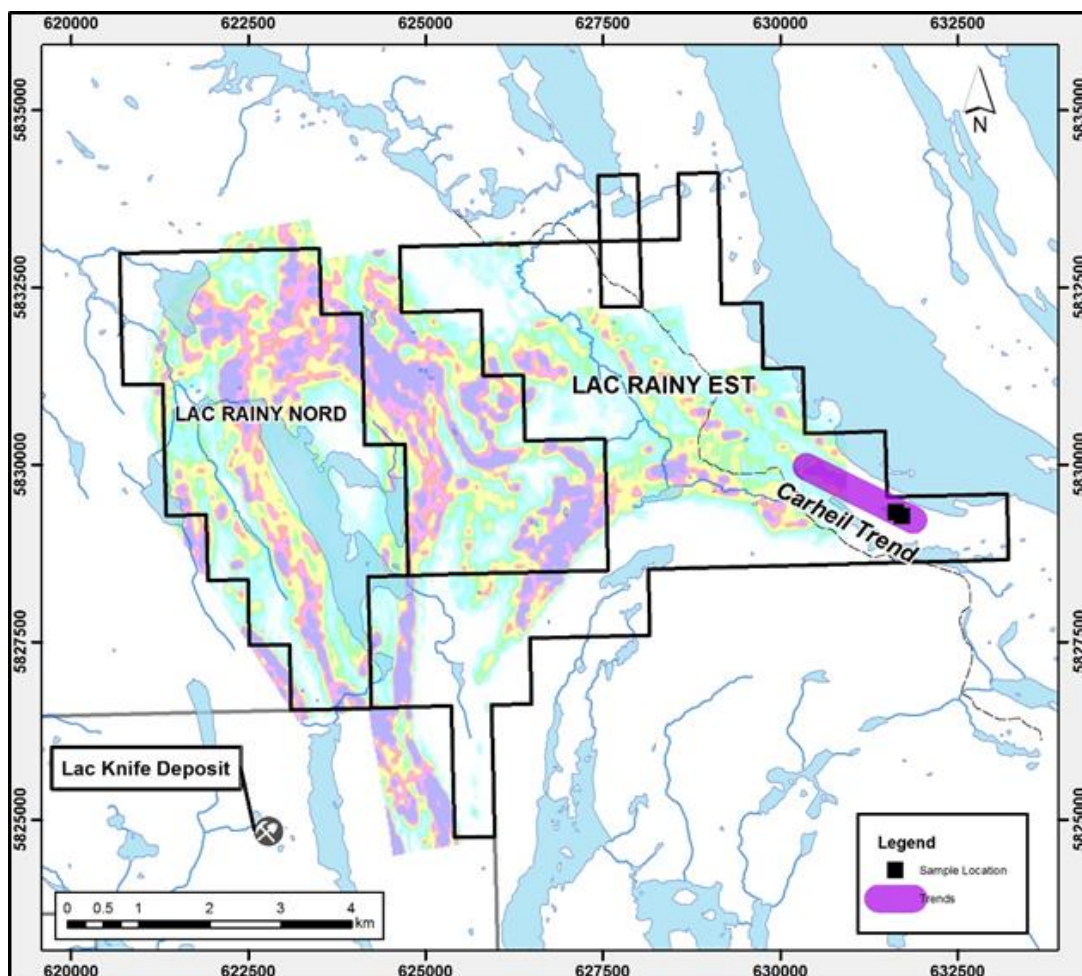
### GEOLOGY AND MINERALISATION

Within the Lac Rainy Graphite Project, the graphite is hosted in biotite-quartz-feldspar paragneiss and schist of the Nault Formation. High-grade metamorphism and folding has resulted in the formation of important concentrations of graphite dominated by value-enhanced large flakes.

The Project is located adjacent to the Lac Knife Property, which hosts the Lac Knife Graphite Deposit owned by Focus Graphite Inc. (less than 4 km south-west of the Project) that has a Measured and Indicated Resource of 13.6 Mt @ 14.95% Cg and an Inferred Resource of 0.8 Mt @ 13.90% Cg at a 3.0% Cg cut-off (refer to Focus Graphite TSX-V market announcement dated 6 March 2017).

The high-grade Lac Carheil Prospect is located at the South Eastern corner of the Lac Rainy project area. The Carheil trend extends from South East to North West across the Lac Rainy Project tenement package. Graphite mineralisation has been mapped for 3.2 km in a North East direction. High-grade graphite samples at Lac Carheil include 35.49% Cg and 40.67% Cg. The close proximity of numerous high-grade graphitic carbon results at nearby occurrences highlights the strong potential for further graphite mineralisation to be identified at the Lac Rainy Graphite Project (Figure 2).

**Figure 2: Claim boundaries for the Lac Rainy Nord and Lac Rainy Est Graphite Project overlaid with the results of the recent airborne geophysical program**



## EXPLORATION PROGRAM DURING QUARTER

During the previous Quarter (ended 31 March 2019), the Company commenced its Phase II exploration campaign at the 100%-owned Lac Rainy Graphite Project, located in Quebec, Canada.

Magnor Exploration Inc. (Magnor) was engaged to complete the drilling program, including the oversight of the geological and technical aspects of the program. Seventeen (17) diamond drill holes for a total of 2,318m was completed with the drilling program finishing on 17 May 2019.

The drilling initially focused on the known high-grade Lac Carheil Prospect as well as step out drilling along strike in a north-west direction. The drilling program was designed to test the down dip / plunge extensions of the known graphite mineralisation. Graphite mineralisation was intersected in all drill holes, with DDH LR19-09 intersecting the main Carheil Graphitic Zone over a significant width of 70.0 metres at a depth from 9.0 metres to 79.9 metres. A total of ten (10) holes from the seventeen (17) drill hole program finished in mineralisation and remain open at depth.

The mineralised trend at Lac Rainy has been mapped in excess of 3.2 km along strike in a north-west direction and remains open. The recently completed drilling program tested approximately 750m of this strike extent.

The image below illustrates the drill rig that was set up at the first drill site.



**Figure 3:** Diamond drill rig being set up at the first drill site at the Lac Rainy Graphite Project

## Discussion of Assay Results Received to Date

The Company has to date received assay results for five (5) of the seventeen (17) diamond drill holes completed at Lac Rainy as part of the maiden diamond drilling program.

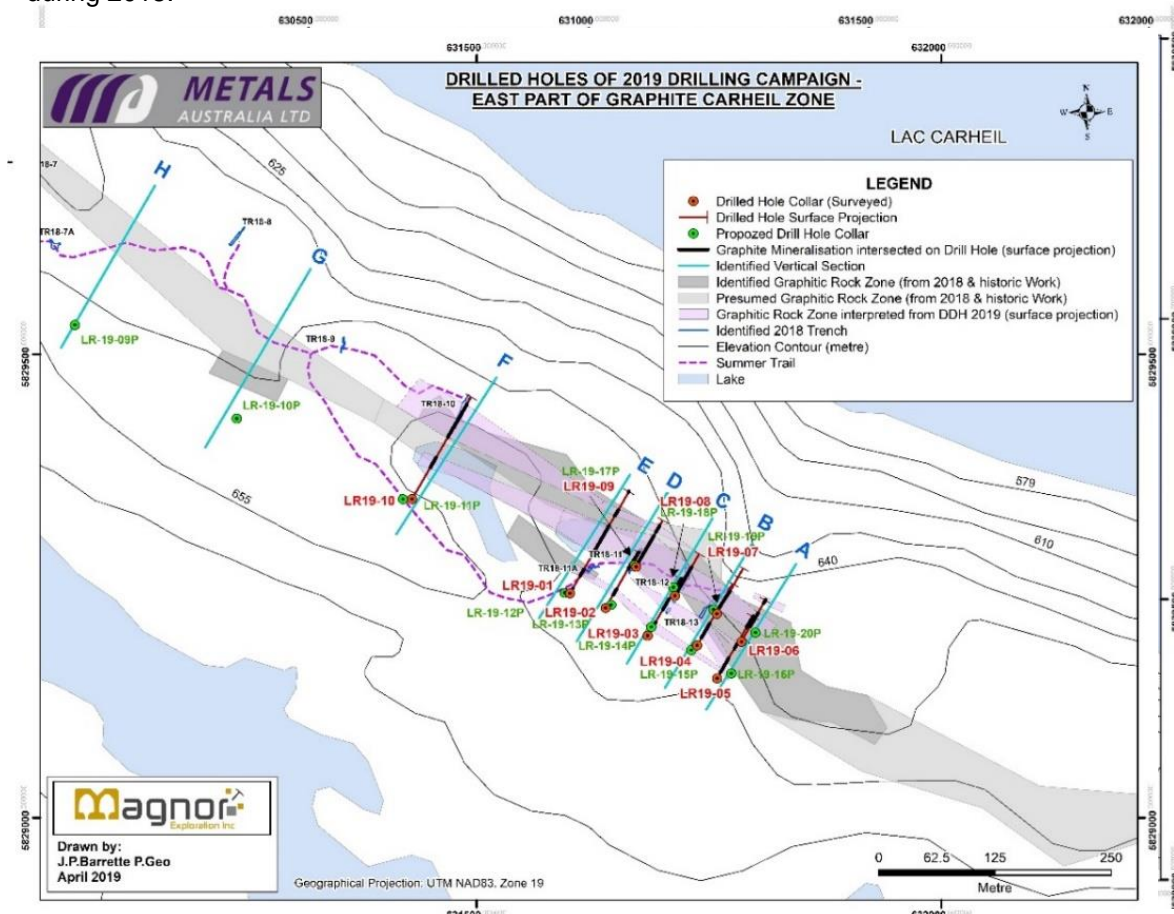
Significant assay results received from the diamond drilling program include (*refer to ASX Announcement dated 3 July 2019*):

- DDH LR19-01 intersected multiple zones of graphite, including:
  - **42.7m at an average grade of 14.5% Cg** at a depth from 75.85m to 118.55m
  - **8.8m at an average grade of 17.8% Cg** at a depth from 123.5m to 132.3m



- **graphite mineralisation remains open at depth**
- DDH LR19-02 intersected multiple zones of graphite, including:
  - **33.3m at an average grade of 19.9% Cg** at a depth from 65.7m to 99.0m (end of hole) – **graphite mineralisation remains open at depth**
- DDH LR19-03 intersected multiple zones of graphite, including:
  - **20.6m at an average grade of 11.88% Cg** at a depth from 47.6m to 71.2m
  - **22.85m at an average grade of 13.5% Cg** at a depth from 88.15m to 111.0m (end of hole) – **graphite mineralisation remains open at depth**
- DDH LR19-09 intersected multiple zones of graphite, including:
  - **70.0m at an average grade of 17.1% Cg** at a depth from 9.0m to 79.0m
- DDH LR19-10 intersected multiple zones of graphite, including:
  - **25.5m at an average grade of 13.2% Cg** at a depth from 45.0m to 70.5m
  - **62.6m at an average grade of 14.0% Cg** at a depth from 119.4m to 182.0m – **graphite mineralisation remains open at depth**

The maps below illustrate the drill hole locations from the program at the Lac Carheil prospect within the Lac Rainy Project (*Figure 4*) and for the Eastern Carheil Graphite Zone (*Figure 5*). The drill hole sites were selected based on the mapping, trenching and channel sampling program that was completed during 2018.



**Figure 4:** Diamond drill hole location map for the Eastern Carheil Graphitic Zone at the Lac Rainy Graphite Project.

## Detailed Table of Results and Discussion

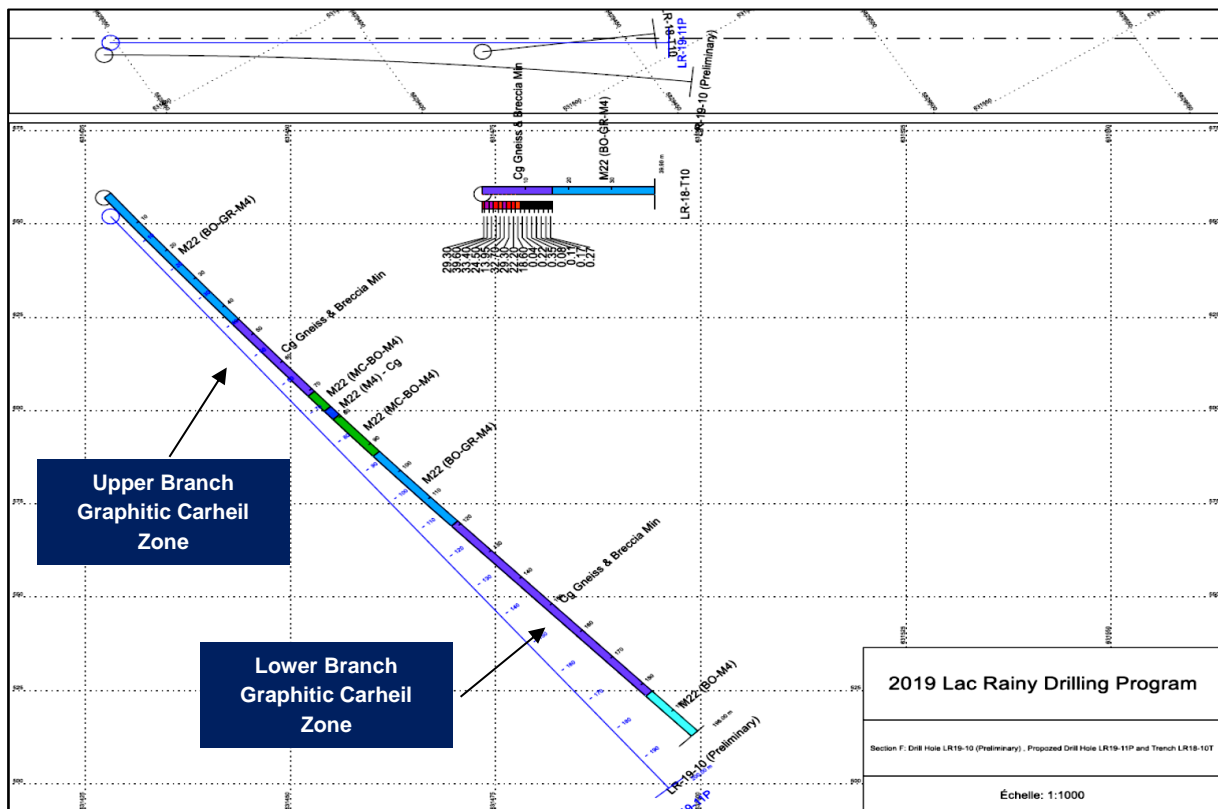
Significant assay results received in the drilling include:

- DDH LR19-01 intersected multiple zones of graphite, including:
  - **3.0m at an average grade of 6.5% Cg** at a depth from 3.5m to 6.5m
  - **12.4m at an average grade of 6.95% Cg** at a depth from 34.0m to 46.4m
  - **42.7m at an average grade of 14.5% Cg** at a depth from 75.85m to 118.55m
  - **8.8m at an average grade of 17.8% Cg** at a depth from 123.5m to 132.3m
  - **11.9m at an average grade of 17.93% Cg** at a depth from 149.7m to 161.6m
  - **6.45m at an average grade of 10.85% Cg** at a depth from 177.55m to 184.0m
  - **1.5m at an average grade of 9.64% Cg** at a depth from 196.5m to 198.0m (end of hole) – **graphite mineralisation open at depth**
- DDH LR19-02 intersected multiple zones of graphite, including:
  - **3.5m at an average grade of 9.5% Cg** at a depth from 29.0m to 32.5m
  - **33.3m at an average grade of 19.9% Cg** at a depth from 65.7m to 99.0m (end of hole) – **graphite mineralisation open at depth**
- DDH LR19-03 intersected multiple zones of graphite, including:
  - **17.9m at an average grade of 7.44% Cg** at a depth from 8.3m to 26.2m
    - **including 4.2m at an average grade of 8.4% Cg from 8.3m to 12.5m; 7.95m at an average grade of 9.72% Cg from 18.25m to 26.2m**
  - **20.6m at an average grade of 11.88% Cg** at a depth from 47.6m to 71.2m
  - **22.85m at an average grade of 13.5% Cg** at a depth from 88.15m to 111.0m (end of hole) – **graphite mineralisation open at depth**
    - **including 17.9m at an average grade of 15.2% Cg from 88.15m to 106.5m; 1.9m at an average grade of 17.5% Cg from 109.0m to 111.0m**
- DDH LR19-09 intersected multiple zones of graphite, including:
  - **70.0m at an average grade of 17.1% Cg** at a depth from 9.0m to 79.0m
    - **including 51.55m at an average grade of 18.25% Cg from 9.0m to 60.55m; 12.1m at an average grade of 20.48% Cg from 66.9m to 79.0m**
- DDH LR19-10 intersected multiple zones of graphite, including:
  - **25.5m at an average grade of 13.2% Cg** at a depth from 45.0m to 70.5m
  - **62.6m at an average grade of 14.0% Cg** at a depth from 119.4m to 182.0m – **mineralisation continues at depth**
    - **including 36.6m at an average grade of 16.2% Cg from 119.4m to 156.0m; 19.0m at an average grade of 13.63% Cg from 163.0m to 182.0m**

The **Graphitic Carheil Zone** has been successfully intersected in all drill holes, with DDH LR19-10 intersecting the **Upper Branch of the Graphitic Carheil Zone** over a width of 25.5m at an average grade of 13.2% Cg from 45.0m to 70.5m.

In addition, DDH LR19-10 intersected the **Lower Branch of the Graphitic Carheil Zone** over a width of 62.6m at an average grade of 14.0% Cg from 119.4m to 182.0m with a possible continuation of the graphite mineralisation at depth.

The image below illustrates the intersections of the Upper Branch and Lower Branch of the Graphitic Carheil Zone intersected in DDH LR19-10:



**Figure 5:** Drill hole plan view of DDH LR19-10 illustrating the Upper Branch Graphitic Carheil Zone intersected over a width of 25.5m at an average grade of 13.2% Cg from 45.0m to 70.5m and the Lower Branch Graphitic Carheil Zone intersected over a width of 62.6m at an average grade of 14.0% Cg from 119.4m to 182.0m

The assay results from the drilling campaign have highlighted the extensive width and continuity of the high-grade graphite mineralisation at Lac Rainy. Importantly, the mineralisation at Lac Rainy appears to be consistent in terms of the Cg grade exhibited.

Trenching and drilling has identified a Southeast and Northwest extension of the known high-grade Carheil Zone. **Adding the new Northwest and Southeast extensions, including historic high-grade Cg occurrences and the trenching, sampling, mapping and drilling results completed by the Company, the Carheil Zone has a potential economic envelope of 3.2 km in length by 10m to 45m in width.**

The identification of the Carheil East Zone, which was identified during the 2018 trenching campaign, potentially represents a second major parallel structure that is host to high-grade graphite.

This is a significant finding as this area was previously obscured by shallow cover. Discoveries such as this demonstrate that Metals Australia has only just started to “scratch the surface” in terms of realising the true potential of the Lac Rainy project.

In addition to the above, a significant number of additional targets remain untested at Lac Rainy Project which will be followed-up in subsequent exploration campaigns.

The image below illustrates the drill core of **DDH LR19-09** which intersected the **Graphitic Carheil Zone** over an extensive thickness of **70.0m** at an average grade of **17.1% Cg** at a depth from 9.0m to 79.0m:



**Figure 6:** Drill core of DDH LR19-09 which intersected the Graphitic Carheil Zone over an extensive thickness of 70.0m at an average grade of 17.1% Cg at a depth from 9.0m to 79.0m.

### End User / Project Development Partner Engagement

Metals Australia continues to focus on engaging with North American end-user / project development partners for its high-grade graphite concentrate. To achieve this objective, the Company plans to appoint an external marketing / business development specialist with specific networks into the graphite and graphene industry of North America. North American groups offer a simple logistics pathway for Lac Rainy graphite concentrate.

The Company also plans to undertake an initial round of graphene and spheronization test work designed to produce graphene and Coated Spherical Graphite (CSG) from the Lac Rainy graphite concentrate.

Graphite has been classified by the U.S. as a strategic and critical mineral resource with growing markets in the lithium-ion battery and other sectors. The U.S. imports all of its natural graphite with average annual imports of more than 50,000 tons for the past 6 years. There has been no flake graphite production in the U.S. since 1980. This represents an interesting marketing opportunity for Metals Australia in positioning the Lac Rainy graphite concentrate as a high-value / high-specification product.

The Company will update shareholders once further assay results are received.

### Work Planned for the Upcoming Quarter

During the upcoming Quarter, the Company anticipates receipt of the remaining assay results from the drilling program. In addition, the Company will undertake its next stage of metallurgical and mineralogical test work with an aim of identifying product specifications for the Lac Rainy graphite concentrate, and as well undertaking preliminary test work on the suitability of Lac Rainy graphite concentrate to produce a high-grade graphene and test work to determine the suitability of the concentrate to feed into other high-end technological applications of graphite, including thermal shields and expandable graphite.

These results are seen as necessary in order to advance the Company's engagement with potential North American and European end-user groups. The Company has identified an expert group in the United States which can offer the Company assistance and testing pathways for the Lac Rainy graphite concentrate to meet the various markets.



## BASE METAL PROJECTS, WESTERN AUSTRALIA

The Company holds an interest in two base metal projects in Western Australia (Figure 8).

The Manindi Project is located around 500 km northeast of Perth, and is being explored by MLS with a view to expanding the existing zinc-copper resources and examining the project's potential for lithium mineralisation.

The Company also has an interest in the Sherlock Bay Nickel-Copper-Cobalt Project located in the western Pilbara region that is operated by Sabre Resources Ltd (ASX:SBR).

### MANINDI PROJECT

The Manindi Project is a significant unmined zinc deposit located in the Murchison District of Western Australia, 20 km southwest of the Youanmi gold mine. The project is located on three granted mining leases.

The Manindi base metal deposit is considered to be a volcanogenic massive sulphide (VMS) zinc deposit, comprising a series of lenses of zinc-dominated mineralisation that have been folded, sheared, faulted, and intruded by later dolerite and gabbro. The style of mineralisation is similar to other base metal sulphide deposits in the Yilgarn Craton, particularly Golden Grove at Yalgoo to the west of Manindi, and Teutonic Bore-Jaguar in the Eastern Goldfields.

#### Manindi Lithium Project

Lithium-bearing pegmatite dykes have previously been identified on the Manindi mining leases in the vicinity of the Mulgara-Warabi Prospect areas (refer to ASX announcement dated 21 March 2017). Surface mapping identified at least three lepidolite mineralised pegmatite dykes outcropping at surface with strike lengths of over 300 m and widths up to 25-30 m.

During the quarter ended 30 June 2018, the Company completed an RC drilling program to test three outcropping pegmatite dykes that contain lepidolite mineralisation. A total of 17 RC holes were completed, for a total of 837 metres of drilling (refer to ASX announcement dated 21 June 2018).

The assay results from the drilling program demonstrated that the pegmatite dykes are fertile and mineralised with lithium and tantalum throughout the interval that they were intersected in drilling. Significant intersections of lithium mineralisation typically occur in continuous zones within the pegmatite dykes, which were up to 15 m true thickness. Continuity of the dykes was established over strike lengths of up to 200 m.

Highest grade lithium mineralisation was intersected in hole MNRC030 and MNRC033, where maximum 1 m results of 1.96% Li<sub>2</sub>O (20-21 m) and 1.90% Li<sub>2</sub>O (33-34 m) were returned, respectively. Hole MNRC032 contained only anomalous lithium but significant tantalum (10-17 m, 7 m @ 599 ppm Ta<sub>2</sub>O<sub>5</sub>) suggesting that there is some zonation of the lithium and tantalum mineralisation.

These encouraging initial results suggest that a further exploration program of field mapping and sampling should be conducted prior to an expanded drilling program and further metallurgical testwork.



**Figure 7:** Location of the Western Australian base metals projects

### Further Work

MLS is currently evaluating the potential to execute a follow-up drilling campaign designed to extend and infill the drilling of the lithium mineralised pegmatites, which are still open down-dip and along strike. Furthermore, there are other pegmatite occurrences within the project area that will also be evaluated for lithium mineralisation.

In addition, the tantalum mineralisation is an important element of the mineralised pegmatites at Manindi and warrants further investigation. Future exploration will be designed to better define the tantalum mineralisation and the zonation of the pegmatites.

The Company is also evaluating the Manindi project for potential nickel exploration potential.

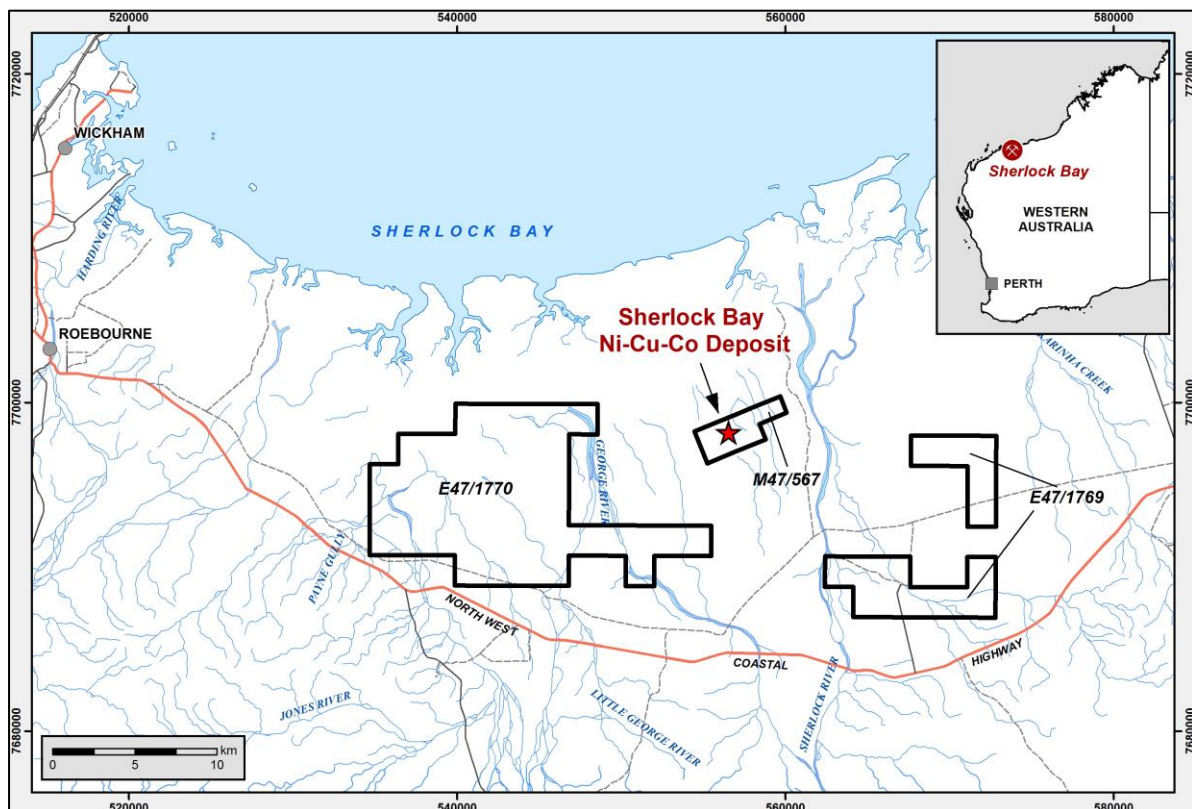
The Company also plans on completing some further Heavy Media Separation (**HMS**) metallurgical test work on the Manindi Zinc drill core to evaluate the suitability of HMS processing to produce a zinc concentrate.

### SHERLOCK BAY PROJECT

The Sherlock Bay Project comprises a mining lease (M45/567) and two exploration licences (E47/1769 and E47/1770) located in the western Pilbara (Figure 9). The mining lease contains the Sherlock Bay nickel-copper-cobalt deposit. MLS hold a 4.5% interest in the project through a restructure of the ownership (*refer to MLS announcement dated 29 January 2018*).

The Project is managed by Sabre Resources Ltd (ASX: SBR) who hold a 70% interest. The MLS interest in the project is 'free-carried' through to the completion of a bankable feasibility study and the decision to commence commercial mining.

**Figure 8:** Location of the Sherlock Bay Ni-Cu-Co deposit



Sabre Resources has received the results of a review and update of the mining study conducted on the Sherlock Bay nickel-copper-cobalt deposit by AMC Consultants Pty Ltd (*refer to Sabre Resources ASX announcement 14<sup>th</sup> August 2018*). The results of the mining study were positive and have encouraged the Company to proceed with further studies of processing options and to update estimates for the capital and operating costs for the Sherlock Bay Project.

In June 2018, Sabre commissioned AMC Consultants Pty Ltd (AMC) to undertake a review of the previous mining study for the Sherlock Bay deposit to update costs for the open pit mining and evaluate the underground mining.

The open pit cost update was based on the recently updated resource estimate, which is restated in compliance with the JORC Code 2012 (*refer to Sabre Resources ASX announcement 12<sup>th</sup> June 2018*). The underground cost update has been based on the resource model and evaluation detailed in the Sherlock Bay Mining Study report completed by AMC in 2005 (2005 Report).

To comply with ASX Listing Rules, Sabre cannot release details of projected cash flows and detailed costs in the mining study update at this time. These data will be released on completion of a processing study and when fully incorporated into a comprehensive scoping/pre-feasibility study.

The open pit optimisation, pit design and all cost updates (both open pit and underground) were carried out by AMC at scoping study level. The updates are based on contractor mining. The scoping studies referred to in this report are based on low-level technical and economic assessments and are insufficient to support estimation of Ore Reserves or to provide assurance of an economic development case at this stage, or to provide certainty that the conclusions of the scoping studies will be realised.

The updated resource estimate block model, relevant input parameters and mining costs were used by AMC to create optimal pit shells using Whittle Four-X software. A suitable pit shell was used to prepare a preliminary pit designs, pit stages and schedule.

The updated costs for the underground were applied to the evaluation detailed in the 2005 Report for mining using a longitudinal sublevel caving method. There were no changes to:

- Resource model used;
- Mining method;
- Access and infrastructure;
- Ventilation;
- Materials handling;
- Mining designs; and
- Schedules (capital development, operating development, production).

## CORPORATE

During the Quarter, the Company announced that it had completed a private placement raising \$423,720 (gross proceeds) at an issue price of \$0.0018 per share with two free attaching options for each share subscribed for, with each option exercisable at \$0.0035 per share and expiring on 1 June 2022, subject to shareholder approval.

A notice of meeting has been lodged with the ASX.

The Company also announced the withdrawal of its intention to complete a non-renounceable rights issue to existing shareholders.

**ENDS**

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**Or consult our website:**

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### **Competent Person Declaration**

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr. Martin Bennett, a consultant to Metals Australia Ltd, and a member of The Australasian Institute of Mining and Metallurgy. Mr. Bennett has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that 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 Resource and Ore Reserves". Mr. Bennett consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

### **Forward-Looking Statements**

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Metals Australia Ltd's planned exploration program and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward-looking statements. Although Metals Australia Ltd believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.



## Appendix A: Summary Coordinates of DDH LR19-01 to DDH LR19-17 (inclusive)

Drilled Hole	Section	UTM X (NAD 83, Zn19)	UTM Y	Dip	Azimuth	Elevation (m)	Length (m)
LR19-01	E	631600.61	5829242.33	-50	30	660.29	198
LR19-02	D	631638.83	5829226.50	-45	30	662.91	99
LR19-03	C	631684.15	5829196.68	-50	30	658.45	111
LR19-04	B	631737.24	5829186.26	-55	30	660.39	120
LR19-05	A	631758.86	5829150.80	-50	30	656.86	120
LR19-06	A	631785.01	5829190.06	-50	30	661.22	81
LR19-07	B	631758.55	5829220.18	-50	30	662.76	81
LR19-08	C	631713.50	5829239.80	-50	30	667.26	82
LR19-09	D	631670.00	5829272.00	-50	30	667.87	90
LR19-10	F	630659.30	5829861.11	-50	30	659.40	198
LR19-11	J	630659.30	5829861.11	-45	30	641.22	126
LR19-12	K	630569.14	5829950.14	-50	30	648.79	117
LR19-13	J	630620.64	5829794.28	-45	30	653.86	189
LR19-14	K	630536.06	5829845.55	-45	30	659.50	192
LR19-15	L	630454.76	5829912.30	-45	30	657.61	199
LR19-16	M	630360.20	5829954.56	-45	30	660.85	153
LR19-17	N	630285.97	5829992.36	-45	15	661.81	162

## Appendix B: Laboratory Assay Results (DDH LR19-01, DDH LR19-02, DDH LR19-03, DDH LR19-09 and DDH LR19-10)

Drillhole ID	From	To	Length	Sample number	% Cg	% S	Sample Certificate ID
LR-19-01	3.50	5.00	1.50	A65001	7.88	10.05	VO19117748
LR-19-01	5.00	6.50	1.50	A65002	5.12	6.26	VO19117748
LR-19-01	6.50	8.00	1.50	A65003	3.07	4.73	VO19117748
LR-19-01	8.00	9.50	1.50	A65004	1.10	3.79	VO19117748
LR-19-01	9.50	11.00	1.50	A65005	2.61	3.34	VO19117748
LR-19-01	11.00	12.50	1.50	A65006	3.89	4.13	VO19117748
LR-19-01	12.50	14.00	1.50	A65007	3.99	2.69	VO19117748
LR-19-01	14.00	15.50	1.50	A65008	0.92	1.82	VO19117748
LR-19-01	15.50	<u>17.00</u>	1.50	A65009	2.04	2.09	VO19117748
LR-19-01	<u>30.50</u>	32.00	1.50	A65011	2.77	4.11	VO19117748
LR-19-01	32.00	34.00	2.00	A65012	1.47	4.07	VO19117748
LR-19-01	34.00	35.50	1.50	A65013	12.00	6.43	VO19117748
LR-19-01	35.50	37.00	1.50	A65014	7.85	9.86	VO19117748
LR-19-01	37.00	38.50	1.50	A65016	4.10	4.69	VO19117748
LR-19-01	38.50	40.00	1.50	A65017	1.99	3.69	VO19117748
LR-19-01	40.00	41.50	1.50	A65018	3.88	5.71	VO19117748
LR-19-01	41.50	43.00	1.50	A65019	9.14	9.29	VO19117748
LR-19-01	43.00	44.50	1.50	A65020	5.88	7.92	VO19117748
LR-19-01	44.50	46.40	1.90	A65021	9.96	9.80	VO19117748
LR-19-01	46.40	48.00	1.60	A65022	0.27	0.38	VO19117748
LR-19-01	48.00	<u>49.50</u>	1.50	A65023	0.25	0.23	VO19117748
LR-19-01	<u>71.50</u>	73.00	1.50	A65024	1.18	0.50	VO19117748
LR-19-01	73.00	74.50	1.50	A65026	0.72	0.54	VO19117748
LR-19-01	74.50	75.85	1.35	A65027	1.44	1.75	VO19117748
LR-19-01	75.85	77.50	1.65	A65028	15.00	12.65	VO19117748
LR-19-01	77.50	79.00	1.50	A65029	12.00	11.05	VO19117748
LR-19-01	79.00	80.50	1.50	A65031	11.45	11.05	VO19117748
LR-19-01	80.50	82.00	1.50	A65032	14.85	12.60	VO19117748
LR-19-01	82.00	83.50	1.50	A65033	6.28	11.35	VO19117748
LR-19-01	83.50	85.00	1.50	A65034	21.40	10.25	VO19117748
LR-19-01	85.00	86.50	1.50	A65035	26.20	13.05	VO19117748
LR-19-01	86.50	88.00	1.50	A65036	21.80	12.35	VO19117748
LR-19-01	88.00	89.50	1.50	A65037	25.40	14.65	VO19117748
LR-19-01	89.50	91.00	1.50	A65038	21.50	12.90	VO19117748
LR-19-01	91.00	92.50	1.50	A65039	24.70	16.30	VO19117748
LR-19-01	92.50	94.00	1.50	A65041	23.80	18.80	VO19117748
LR-19-01	94.00	95.50	1.50	A65042	21.60	15.20	VO19117748
LR-19-01	95.50	97.00	1.50	A65043	20.40	15.90	VO19117748

LR-19-01	97.00	98.50	1.50	A65044	21.40	14.95	VO19117748
LR-19-01	98.50	100.00	1.50	A65046	25.20	12.60	VO19117748
LR-19-01	100.00	101.00	1.00	A65047	19.50	13.00	VO19117748
LR-19-01	101.00	102.50	1.50	A65048	12.85	10.30	VO19117748
LR-19-01	102.50	104.15	1.65	A65049	10.20	10.00	VO19117748
LR-19-01	104.15	105.50	1.35	A65050	0.77	1.44	VO19117748
LR-19-01	105.50	107.00	1.50	A65051	1.48	2.32	VO19117748
LR-19-01	107.00	108.25	1.25	A65052	5.14	6.51	VO19117748
LR-19-01	108.25	109.50	1.25	A65053	9.41	9.87	VO19117748
LR-19-01	109.50	111.00	1.50	A65054	9.24	10.55	VO19117748
LR-19-01	111.00	112.50	1.50	A65055	7.82	8.62	VO19117748
LR-19-01	112.50	114.00	1.50	A65056	8.07	11.15	VO19117748
LR-19-01	114.00	115.50	1.50	A65057	4.91	5.65	VO19117748
LR-19-01	115.50	117.00	1.50	A65058	9.52	11.60	VO19117748
LR-19-01	117.00	118.55	1.55	A65059	8.11	8.66	VO19117748
LR-19-01	118.55	120.00	1.45	A65061	1.31	3.05	VO19117748
LR-19-01	120.00	121.50	1.50	A65062	1.60	2.86	VO19117748
LR-19-01	121.50	123.50	2.00	A65063	4.48	3.56	VO19117748
LR-19-01	123.50	125.00	1.50	A65064	21.20	12.45	VO19117748
LR-19-01	125.00	126.50	1.50	A65066	23.60	12.00	VO19117748
LR-19-01	126.50	127.80	1.30	A65067	23.60	8.32	VO19117748
LR-19-01	127.80	129.20	1.40	A65068	11.25	5.11	VO19117748
LR-19-01	129.20	130.80	1.60	A65069	21.60	9.13	VO19117748
LR-19-01	130.80	132.30	1.50	A65070	5.61	3.94	VO19117748
LR-19-01	132.30	<u>133.80</u>	1.50	A65071	4.94	3.46	VO19117748
LR-19-01	<u>146.50</u>	148.00	1.50	A65072	3.98	2.89	VO19117748
LR-19-01	148.00	149.70	1.70	A65073	5.91	3.90	VO19117748
LR-19-01	149.70	151.20	1.50	A65074	13.60	10.00	VO19117748
LR-19-01	151.20	152.70	1.50	A65076	17.35	15.05	VO19117748
LR-19-01	152.70	154.20	1.50	A65077	12.70	11.70	VO19117748
LR-19-01	154.20	155.70	1.50	A65078	20.90	15.50	VO19117748
LR-19-01	155.70	157.20	1.50	A65079	20.50	14.40	VO19117748
LR-19-01	157.20	158.70	1.50	A65081	19.50	9.48	VO19117748
LR-19-01	158.70	160.20	1.50	A65082	21.80	13.30	VO19117748
LR-19-01	160.20	161.60	1.40	A65083	17.05	10.15	VO19117748
LR-19-01	161.60	163.00	1.40	A65084	2.08	2.26	VO19117748
LR-19-01	163.00	<u>164.50</u>	1.50	A65085	1.02	0.83	VO19117748
LR-19-01	<u>174.50</u>	176.00	1.50	A65086	1.76	2.35	VO19117748
LR-19-01	176.00	177.55	1.55	A65087	1.23	2.62	VO19117748
LR-19-01	177.55	179.00	1.45	A65088	14.90	11.05	VO19117748
LR-19-01	179.00	180.00	1.00	A65090	14.30	15.25	VO19117748
LR-19-01	180.00	181.20	1.20	A65091	13.50	11.95	VO19117748
LR-19-01	181.20	182.40	1.20	A65092	8.14	10.35	VO19117748
LR-19-01	182.40	184.00	1.60	A65093	5.08	2.58	VO19117748

LR-19-01	184.00	185.50	1.50	A65094	4.04	2.94	VO19117748
LR-19-01	193.50	195.00	1.50	A65096	2.42	1.49	VO19117748
LR-19-01	195.00	196.50	1.50	A65097	2.58	2.82	VO19117748
LR-19-01	196.50	198.00	1.50	A65098	9.64	11.50	VO19117748
LR-19-02	18.50	20.00	1.50	A65099	3.79	3.15	VO19117748
LR-19-02	20.00	21.50	1.50	A65100	4.25	3.45	VO19117748
LR-19-02	21.50	22.95	1.45	A65101	4.05	3.42	VO19117748
LR-19-02	22.95	24.50	1.55	A65102	3.48	3.01	VO19117748
LR-19-02	24.50	26.00	1.50	A65103	3.21	3.67	VO19117748
LR-19-02	26.00	27.50	1.50	A65104	3.25	3.53	VO19117748
LR-19-02	27.50	29.00	1.50	A65105	5.05	7.03	VO19117748
LR-19-02	29.00	30.50	1.50	A65106	7.74	10.55	VO19117748
LR-19-02	30.50	32.50	2.00	A65107	10.75	10.70	VO19117748
LR-19-02	32.50	34.00	1.50	A65108	0.30	0.67	VO19117748
LR-19-02	34.00	35.50	1.50	A65109	0.29	0.32	VO19117781
LR-19-02	61.00	62.50	1.50	A65111	0.22	0.20	VO19117781
LR-19-02	62.50	64.00	1.50	A65112	0.29	1.23	VO19117781
LR-19-02	64.00	65.70	1.70	A65113	0.57	1.68	VO19117781
LR-19-02	65.70	67.00	1.30	A65114	16.45	11.40	VO19117781
LR-19-02	67.00	68.35	1.35	A65116	16.60	13.20	VO19117781
LR-19-02	68.35	70.00	1.65	A65117	3.32	5.63	VO19117781
LR-19-02	70.00	72.00	2.00	A65118	0.04	0.27	VO19117781
LR-19-02	72.00	73.50	1.50	A65119	5.61	7.23	VO19117781
LR-19-02	73.50	75.00	1.50	A65120	9.64	9.16	VO19117781
LR-19-02	75.00	76.50	1.50	A65121	9.14	7.32	VO19117781
LR-19-02	76.50	77.60	1.10	A65122	9.93	10.45	VO19117781
LR-19-02	77.60	79.00	1.40	A65123	24.30	14.65	VO19117781
LR-19-02	79.00	80.50	1.50	A65124	24.20	12.90	VO19117781
LR-19-02	80.50	82.00	1.50	A65126	22.90	15.80	VO19117781
LR-19-02	82.00	83.50	1.50	A65127	21.30	11.80	VO19117781
LR-19-02	83.50	85.00	1.50	A65128	20.70	15.30	VO19117781
LR-19-02	85.00	86.50	1.50	A65129	21.50	12.90	VO19117781
LR-19-02	86.50	88.00	1.50	A65131	16.45	10.45	VO19117781
LR-19-02	88.00	89.50	1.50	A65132	20.50	18.70	VO19117781
LR-19-02	89.50	91.00	1.50	A65133	25.50	13.65	VO19117781
LR-19-02	91.00	92.50	1.50	A65134	23.50	13.25	VO19117781
LR-19-02	92.50	94.00	1.50	A65135	19.15	18.75	VO19117781
LR-19-02	94.00	95.90	1.90	A65136	20.00	14.35	VO19117781
LR-19-02	95.90	97.00	1.10	A65137	0.20	0.48	VO19117781
LR-19-02	97.00	98.00	1.00	A65138	26.00	12.85	VO19117781
LR-19-02	98.00	99.00	1.00	A65139	10.70	6.92	VO19117781
LR-19-03	7.00	8.30	1.30	A65141	3.38	3.63	VO19117781



LR-19-03	8.30	9.70	1.40	A65142	6.62	2.34	VO19117781
LR-19-03	9.70	11.00	1.30	A65143	10.85	6.13	VO19117781
LR-19-03	11.00	12.50	1.50	A65144	7.94	8.23	VO19117781
LR-19-03	12.50	13.80	1.30	A65146	2.24	7.59	VO19117781
LR-19-03	13.80	15.25	1.45	A65147	4.88	2.98	VO19117781
LR-19-03	15.25	16.75	1.50	A65148	2.17	3.57	VO19117781
LR-19-03	16.75	18.25	1.50	A65149	4.95	7.07	VO19117781
LR-19-03	18.25	19.75	1.50	A65150	5.19	8.01	VO19117781
LR-19-03	19.75	21.25	1.50	A65151	8.75	6.98	VO19117781
LR-19-03	21.25	22.75	1.50	A65152	12.05	10.30	VO19117781
LR-19-03	22.75	24.25	1.50	A65153	10.40	11.05	VO19117781
LR-19-03	24.25	26.20	1.95	A65154	11.65	8.09	VO19117781
LR-19-03	26.20	27.70	1.50	A65155	0.62	2.42	VO19117781
LR-19-03	27.70	<u>29.25</u>	1.55	A65156	0.33	2.57	VO19117781
LR-19-03	<u>47.60</u>	49.10	1.50	A65157	0.58	0.30	VO19117781
LR-19-03	49.10	50.60	1.50	A65158	0.79	1.23	VO19117781
LR-19-03	50.60	52.00	1.40	A65159	20.30	12.40	VO19117781
LR-19-03	52.00	53.50	1.50	A65161	10.30	9.18	VO19117781
LR-19-03	53.50	55.00	1.50	A65162	10.05	11.30	VO19117781
LR-19-03	55.00	56.50	1.50	A65163	11.15	11.75	VO19117781
LR-19-03	56.50	58.00	1.50	A65164	11.10	11.05	VO19117781
LR-19-03	58.00	59.50	1.50	A65166	19.45	14.10	VO19117781
LR-19-03	59.50	61.00	1.50	A65167	12.60	11.80	VO19117781
LR-19-03	61.00	62.50	1.50	A65168	8.48	10.10	VO19117781
LR-19-03	62.50	64.00	1.50	A65169	9.92	10.70	VO19117781
LR-19-03	64.00	65.50	1.50	A65170	8.69	8.90	VO19117781
LR-19-03	65.50	67.00	1.50	A65171	12.50	10.70	VO19117781
LR-19-03	67.00	68.50	1.50	A65172	9.89	11.65	VO19117781
LR-19-03	68.50	70.00	1.50	A65173	14.00	12.20	VO19117781
LR-19-03	70.00	71.20	1.20	A65174	7.65	11.20	VO19117781
LR-19-03	71.20	72.50	1.30	A65176	3.24	3.28	VO19117781
LR-19-03	72.50	<u>74.00</u>	1.50	A65177	1.52	1.26	VO19117781
LR-19-03	<u>85.00</u>	86.67	1.67	A65178	0.87	4.85	VO19117781
LR-19-03	86.67	88.15	1.48	A65179	3.39	3.54	VO19117781
LR-19-03	88.15	89.50	1.35	A65181	6.61	10.40	VO19117781
LR-19-03	89.50	91.00	1.50	A65182	8.78	12.20	VO19117781
LR-19-03	91.00	92.50	1.50	A65183	8.07	10.95	VO19117781
LR-19-03	92.50	94.00	1.50	A65184	6.93	12.85	VO19117781
LR-19-03	94.00	95.75	1.75	A65185	9.57	10.85	VO19117781
LR-19-03	95.75	97.00	1.25	A65186	22.90	9.41	VO19117781
LR-19-03	97.00	98.50	1.50	A65187	17.85	11.05	VO19117781
LR-19-03	98.50	100.00	1.50	A65188	19.35	14.95	VO19117781
LR-19-03	100.00	101.50	1.50	A65189	20.20	15.70	VO19117781
LR-19-03	101.50	103.00	1.50	A65191	15.75	9.02	VO19117781

LR-19-03	103.00	104.50	1.50	A65192	22.30	10.85	VO19117781
LR-19-03	104.50	106.05	1.55	A65193	25.10	9.93	VO19117781
LR-19-03	106.05	107.50	1.45	A65194	2.04	2.54	VO19117781
LR-19-03	107.50	109.10	1.60	A65196	0.21	0.67	VO19117781
LR-19-03	109.10	111.00	1.90	A65197	17.50	12.65	VO19117781
LR-19-09	6.00	7.50	1.50	A65461	0.35	0.27	VO19117791
LR-19-09	7.50	9.00	1.50	A65462	0.71	1.91	VO19117791
LR-19-09	9.00	10.50	1.50	A65463	11.90	9.83	VO19117791
LR-19-09	10.50	12.00	1.50	A65464	7.29	9.36	VO19117791
LR-19-09	12.00	13.50	1.50	A65466	9.09	11.45	VO19117791
LR-19-09	13.50	15.00	1.50	A65467	11.85	10.95	VO19117791
LR-19-09	15.00	16.50	1.50	A65468	9.07	10.25	VO19117791
LR-19-09	16.50	18.00	1.50	A65469	10.60	11.85	VO19117791
LR-19-09	18.00	19.50	1.50	A65470	11.40	11.05	VO19117791
LR-19-09	19.50	21.00	1.50	A65471	15.05	14.65	VO19117791
LR-19-09	21.00	22.50	1.50	A65472	14.20	14.55	VO19117791
LR-19-09	22.50	24.00	1.50	A65473	16.50	12.05	VO19117791
LR-19-09	24.00	25.70	1.70	A65474	14.35	13.75	VO19117791
LR-19-09	25.70	27.40	1.70	A65476	28.40	13.20	VO19117791
LR-19-09	27.40	28.50	1.10	A65477	19.00	13.25	VO19117791
LR-19-09	28.50	30.00	1.50	A65478	23.20	14.40	VO19117791
LR-19-09	30.00	31.50	1.50	A65479	25.70	15.20	VO19117791
LR-19-09	31.50	33.00	1.50	A65481	28.80	14.30	VO19117791
LR-19-09	33.00	34.50	1.50	A65482	21.80	14.50	VO19117791
LR-19-09	34.50	36.00	1.50	A65483	18.30	12.80	VO19117791
LR-19-09	36.00	37.50	1.50	A65484	17.10	11.50	VO19117791
LR-19-09	37.50	39.00	1.50	A65485	18.85	9.83	VO19117791
LR-19-09	39.00	40.50	1.50	A65486	26.50	14.45	VO19117791
LR-19-09	40.50	42.00	1.50	A65487	17.35	12.10	VO19117791
LR-19-09	42.00	43.50	1.50	A65488	21.20	13.55	VO19117791
LR-19-09	43.50	45.00	1.50	A65489	20.50	10.85	VO19117791
LR-19-09	45.00	46.50	1.50	A65491	17.70	8.87	VO19117791
LR-19-09	46.50	48.00	1.50	A65492	20.60	9.41	VO19117791
LR-19-09	48.00	49.50	1.50	A65493	20.50	8.16	VO19117791
LR-19-09	49.50	51.00	1.50	A65494	20.60	10.80	VO19117791
LR-19-09	51.00	52.50	1.50	A65496	22.70	7.99	VO19117791
LR-19-09	52.50	54.00	1.50	A65497	23.80	11.80	VO19117791
LR-19-09	54.00	55.50	1.50	A65498	22.90	11.95	VO19117791
LR-19-09	55.50	57.00	1.50	A65499	19.60	12.30	VO19117791
LR-19-09	57.00	58.50	1.50	A65500	19.55	17.50	VO19117791
LR-19-09	58.50	60.55	2.05	A65501	15.15	11.50	VO19117791
LR-19-09	60.55	62.00	1.45	A65502	0.63	2.26	VO19117791
LR-19-09	62.00	63.50	1.50	A65503	0.98	2.26	VO19117791

LR-19-09	63.50	65.40	1.90	A65504	1.11	2.54	VO19117791
LR-19-09	65.40	66.90	1.50	A65505	2.36	3.73	VO19117791
LR-19-09	66.90	69.00	2.10	A65506	24.00	17.65	VO19117791
LR-19-09	69.00	70.50	1.50	A65507	26.20	16.00	VO19117791
LR-19-09	70.50	72.00	1.50	A65508	24.30	17.00	VO19117791
LR-19-09	72.00	73.50	1.50	A65509	20.20	12.30	VO19117791
LR-19-09	73.50	75.00	1.50	A65511	22.90	13.30	VO19117791
LR-19-09	75.00	76.50	1.50	A65512	14.00	11.00	VO19117791
LR-19-09	76.50	78.00	1.50	A65513	12.20	6.49	VO19117791
LR-19-09	78.00	79.00	1.00	A65514	17.65	16.95	VO19117791
LR-19-09	79.00	80.50	1.50	A65516	2.68	10.80	VO19117791
LR-19-09	80.50	82.00	1.50	A65517	2.04	7.88	VO19117791
LR-19-09	82.00	84.00	2.00	A65518	2.21	2.83	VO19117791
LR-19-09	84.00	85.50	1.50	A65519	7.45	5.41	VO19117791
LR-19-09	85.50	87.00	1.50	A65520	0.71	0.48	VO19117791
LR-19-10	42.00	43.50	1.50	A65521	4.55	3.88	VO19117791
LR-19-10	43.50	45.00	1.50	A65522	2.37	4.48	VO19117791
LR-19-10	45.00	46.50	1.50	A65523	11.65	7.40	VO19117791
LR-19-10	46.50	48.00	1.50	A65524	5.13	11.25	VO19117791
LR-19-10	48.00	49.50	1.50	A65526	8.64	9.42	VO19117791
LR-19-10	49.50	50.90	1.40	A65527	6.04	8.39	VO19117791
LR-19-10	50.90	52.50	1.60	A65528	21.50	10.25	VO19117791
LR-19-10	52.50	54.50	2.00	A65529	21.90	11.70	VO19117791
LR-19-10	54.50	56.00	1.50	A65531	14.35	6.34	VO19117791
LR-19-10	56.00	57.50	1.50	A65532	21.30	11.60	VO19117791
LR-19-10	57.50	59.00	1.50	A65533	14.85	8.81	VO19117791
LR-19-10	59.00	60.50	1.50	A65534	11.45	6.13	VO19117791
LR-19-10	60.50	62.00	1.50	A65535	17.35	11.55	VO19117791
LR-19-10	62.00	63.50	1.50	A65536	14.75	5.57	VO19117791
LR-19-10	63.50	65.00	1.50	A65537	11.70	11.80	VO19117791
LR-19-10	65.00	66.50	1.50	A65538	10.05	9.96	VO19117791
LR-19-10	66.50	68.00	1.50	A65539	10.00	10.70	VO19117791
LR-19-10	68.00	69.30	1.30	A65541	7.53	9.43	VO19117793
LR-19-10	69.30	70.50	1.20	A65542	10.95	7.11	VO19117793
LR-19-10	70.50	72.00	1.50	A65543	1.48	3.61	VO19117793
LR-19-10	72.00	73.50	1.50	A65544	4.68	3.57	VO19117793
LR-19-10	73.50	75.00	1.50	A65546	3.98	4.69	VO19117793
LR-19-10	75.00	76.50	1.50	A65547	1.60	1.59	VO19117793
LR-19-10	76.50	78.00	1.50	A65548	4.14	3.99	VO19117793
LR-19-10	78.00	79.50	1.50	A65549	8.96	9.15	VO19117793
LR-19-10	79.50	81.00	1.50	A65550	3.13	5.03	VO19117793
LR-19-10	81.00	82.30	1.30	A65551	3.64	4.42	VO19117793
LR-19-10	82.30	83.60	1.30	A65552	1.99	4.35	VO19117793

LR-19-10	83.60	85.35	1.75	A65553	8.54	8.63	VO19117793
LR-19-10	85.35	86.80	1.45	A65554	2.28	2.09	VO19117793
LR-19-10	86.80	88.00	1.20	A65555	1.52	0.81	VO19117793
LR-19-10	88.00	89.30	1.30	A65556	3.15	4.35	VO19117793
LR-19-10	89.30	90.30	1.00	A65557	9.76	9.59	VO19117793
LR-19-10	90.30	91.50	1.20	A65558	0.42	1.02	VO19117793
LR-19-10	91.50	93.00	1.50	A65559	0.48	0.35	VO19117793
LR-19-10	116.50	118.00	1.50	A65561	1.49	0.66	VO19117793
LR-19-10	118.00	119.40	1.40	A65562	0.60	0.75	VO19117793
LR-19-10	119.40	121.00	1.60	A65563	12.60	13.30	VO19117793
LR-19-10	121.00	122.50	1.50	A65564	15.65	12.10	VO19117793
LR-19-10	122.50	124.00	1.50	A65566	8.63	10.70	VO19117793
LR-19-10	124.00	126.00	2.00	A65567	16.15	10.70	VO19117793
LR-19-10	126.00	127.50	1.50	A65568	16.05	14.65	VO19117793
LR-19-10	127.50	129.00	1.50	A65569	9.10	12.95	VO19117793
LR-19-10	129.00	130.50	1.50	A65570	10.60	12.35	VO19117793
LR-19-10	130.50	132.00	1.50	A65571	19.05	17.05	VO19117793
LR-19-10	132.00	133.50	1.50	A65572	22.60	14.65	VO19117793
LR-19-10	133.50	135.00	1.50	A65573	20.50	15.80	VO19117793
LR-19-10	135.00	136.50	1.50	A65574	15.20	11.90	VO19117793
LR-19-10	136.50	138.00	1.50	A65576	19.75	12.70	VO19117793
LR-19-10	138.00	139.50	1.50	A65577	19.55	13.10	VO19117793
LR-19-10	139.50	141.00	1.50	A65578	10.85	5.90	VO19117793
LR-19-10	141.00	142.50	1.50	A65579	19.40	7.85	VO19117793
LR-19-10	142.50	144.00	1.50	A65581	20.80	8.48	VO19117793
LR-19-10	144.00	145.50	1.50	A65582	20.00	8.82	VO19117793
LR-19-10	145.50	147.00	1.50	A65583	20.70	9.31	VO19117793
LR-19-10	147.00	148.50	1.50	A65584	23.30	8.37	VO19117793
LR-19-10	148.50	150.00	1.50	A65585	19.65	8.33	VO19117793
LR-19-10	150.00	150.90	0.90	A65586	14.65	8.25	VO19117793
LR-19-10	150.90	153.30	2.40	A65587	14.50	7.93	VO19117793
LR-19-10	153.30	154.50	1.20	A65588	2.71	4.48	VO19117793
LR-19-10	154.50	156.00	1.50	A65589	14.50	6.98	VO19117793
LR-19-10	156.00	157.50	1.50	A65591	3.99	5.56	VO19117793
LR-19-10	157.50	159.00	1.50	A65592	3.07	6.60	VO19117793
LR-19-10	159.00	160.00	1.00	A65593	2.99	6.20	VO19117793
LR-19-10	160.00	160.78	0.78	A65594	3.99	10.50	VO19117793
<b>LR-19-10</b>	<b>160.78</b>	<b>162.00</b>	<b>1.22</b>	<b>CORE LOSS</b>	<b>3.6</b>	<b>0</b>	<b>VO19117793</b>
LR-19-10	162.00	163.00	1.00	A65596	3.34	6.00	VO19117793
LR-19-10	163.00	164.50	1.50	A65597	6.24	8.33	VO19117793
LR-19-10	164.50	166.00	1.50	A65598	14.05	10.55	VO19117793
LR-19-10	166.00	167.50	1.50	A65599	18.00	15.30	VO19117793
LR-19-10	167.50	169.00	1.50	A65600	17.30	11.70	VO19117793
LR-19-10	169.00	170.50	1.50	A65601	12.25	11.35	VO19117793



LR-19-10	170.50	172.00	1.50	A65602	4.05	4.01	VO19117793
LR-19-10	172.00	173.50	1.50	A65603	12.70	13.40	VO19117793
LR-19-10	173.50	175.00	1.50	A65604	18.80	17.45	VO19117793
LR-19-10	175.00	176.50	1.50	A65605	17.05	10.90	VO19117793
LR-19-10	176.50	178.00	1.50	A65606	17.60	12.95	VO19117793
LR-19-10	178.00	179.00	1.00	A65607	18.40	13.20	VO19117793
LR-19-10	179.00	180.50	1.50	A65608	15.55	7.62	VO19117793
LR-19-10	180.50	182.00	1.50	A65609	6.76	3.64	VO19117793
LR-19-10	182.00	183.80	1.80	A65611	2.91	9.51	VO19117793
LR-19-10	183.80	185.00	1.20	A65612	0.83	0.51	VO19117793
LR-19-10	185.00	186.50	1.50	A65613	0.84	0.56	VO19117793

## JORC CODE, 2012 EDITION – TABLE 1

### SECTION 1 SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>• <i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></li> <li>• <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> <li>• <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> <li>• <i>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</i></li> </ul>	<p>Only limited drilling has been completed to date by the Company. Assays are still pending and samples are currently being prepared for assay by the laboratory. Sufficient QA/QC procedures are being followed with industry standard blanks and duplicate samples being created.</p> <p><b>Diamond Core Sampling:</b> The sections of the core that are selected for assaying are marked up and then recorded on a sample sheet for cutting and sampling at the certified assay laboratory. Samples of HQ core are cut just to the right of the orientation line where available using a diamond core saw, with half core sampled lengthways for assay.</p> <p><b>Diamond Core Sampling:</b> For diamond core samples, certified sample standards were added as every 25th sample. Core recovery calculations are made through a reconciliation of the actual core and the driller's records. Downhole surveys of dip and azimuth were conducted using a single shot camera every 30m to detect deviations of the hole from the planned dip and azimuth. The drill-hole collar locations are recorded using a hand-held GPS, which has an accuracy of +/- 5m. All drill-hole collars will be surveyed to a greater degree of accuracy using a certified surveyor at a later date.</p> <p>Rock samples are comprised of grabs and thus represent point locations defined by a small area typically less than 0.5m<sup>2</sup>. A best effort was made to collect as much fresh material as practical and avoid or minimize the inclusion of weathered material in the sample. Hand tools were used to clear the sampling site and remove weathered material as practical before sampling.</p> <p>Channels were cut of the freshest material practical and are considered more representative than the grab samples for that particular location.</p>

Criteria	JORC Code explanation	Commentary
		<p>Samples are considered representative of the site targeted, followed best industry practises as described above, with sufficient material collected per sample.</p> <p>Samples submitted for assay typically weigh 2-3 kg or more. Channel samples may be considered more representative than grab samples as more fresh material may be collected, they report an interval and not a point, and are larger samples. Channel samples are typically several times larger in size that grab samples, adding to their more representative nature.</p>
Drilling techniques	<ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	Only limited drilling has been completed to date. The drilling program being completed by the Company is Diamond.
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	Diamond core recoveries are during drilling and reconciled during the core processing and geological logging. The core length recovered is measured for each run and recorded which is used to calculate core recovery as a percentage.
Logging	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<p>All rock and channel samples were described to industry standard levels with rock type, modal mineralogy, grain size, and other pertinent observations noted. Descriptions are qualitative in nature.</p> <p>Geological logging is carried out on all drill holes with lithology, alteration, mineralisation, structure and veining recorded.</p>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<p>Sample preparation follows industry best practice standards and is conducted by internationally recognised laboratories - ALS Laboratories Ltd in Val d'Or, Quebec. Code RX1-graphite was completed as preparation. Samples are crushed to 80% passing 10 mesh, riffle split (250 g), and pulverized to 95% passing 105 micron.</p> <p>Analysis used ALS packages Code 4F-C,S, and 4F-C-Graphite using a graphite specific preparation (RX1- Graphite). Total carbon as well as graphitic carbon are the primary deliverables.</p> <p>Sampling techniques utilized, as described above, ensure adequate representativeness and</p>

Criteria	JORC Code explanation	Commentary
		<p>sample size. As is early exploration, industry standard sampling techniques were followed with fresh material targeted for collection as practical</p> <p>No blanks or standards were submitted by the company with laboratory blanks, standards, and duplicates relied upon, with results reviewed by the company's consultants and found to be satisfactory with no material concerns.</p> <p>Sample size (2-3 kg) accepted as general industry standard for grab samples and is sufficient to provide a representative sample size for the location being sampled.</p>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<p>Internal laboratory QAQC relied upon with laboratory blanks, standards, and duplicates relied upon, with results reviewed by the company's consultants and found to be satisfactory with no material concern.</p> <p>No company blanks, standards, or duplicates submitted for analysis</p>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	Assay data is reported as received with no data adjustment. Data is verified by the Company's consultants prior to disclosure.
Location of data points	<ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	Handheld GPS used for location of sample points using local UTM grid, Zone 19. Such methods have a typically accuracy of 1-3 m.
Data spacing and distribution	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	<p>Only individual sample data reported as received by laboratory for grab samples, with channel samples reported individually via Appendix A, as well as composites in the highlight section of the NR.</p> <p>Insufficient data to establish resources</p>



Criteria	JORC Code explanation	Commentary
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<p>Grab samples reflective of point locations with sufficient samples collected along strike to assist with interpretation of area and potential. Channel samples attempt to give an indication of grade over width.</p> <p>Only limited drilling has been completed to date.</p>
Sample security	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<p>Industry standard chain of custody followed, with samples dropped off at shipping company by field manager, shipping with tracking number, and received direct by the lab, with notification of receipt the day samples received.</p>
Audits or reviews	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<p>None completed by third parties. The Company's consultants vetted the database internally.</p>

## SECTION 2 REPORTING OF EXPLORATION RESULTS

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<p>Metals Australia Limited is the 100% owner of the Lac Rainy Graphite Project, pursuant to the binding acquisition agreement.</p> <p>There are no other material issues affecting the tenements.</p> <p>Quebec Lithium Limited, a wholly owned subsidiary of Metals Australia, is the owner of 100% of the abovementioned graphite project and ownership of the individual CDC claims is with Quebec Lithium Limited.</p> <p>All tenements are in good standing and have been legally validated by a Quebec lawyer specialising in the field.</p>
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<p>No modern exploration has been conducted by other parties.</p> <p>Government mapping records multiple graphitic carbon bearing zones within the project areas but no other data is available.</p>
<i>Geology</i>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<p><b>Lac Rainy Graphite Project</b></p> <p>The Lac Rainy graphite project is located within close proximity to Focus Graphite's Lac Knife Project, which is considered a good analogue for mineralization style at Lac Rainy with the same general rock types present.</p> <p>The Lac Rainy and Lac Crheil graphite prospects were first discovered in 1989 and has been subject to some exploration over that time, however previous exploration was not conducted in a systematic manner and was focused more on the iron potential of the region which has meant that the true mineralisation and potential of the Lac Rainy Est graphite project has not been fully established.</p>

Criteria	JORC Code explanation	Commentary
		<p>The Lac Rainy graphite project is contiguous with the Lac Knife Graphite Project which is owned by Focus Graphite. The Lac Knife Project hosts the Lac Knife Deposit.</p> <p>The Lac Knife Graphite Deposit owned by Focus Graphite (which is located less than 4 km south-west of the Project border) and hosts a Measured and Indicated Resource of 9.576 Mt @ 14.77% Cg and an Inferred Resource of 3.102 Mt @ 13.25% Cg at a 3.0% Cg cut-off.</p> <p><i>(Note: Inferred Resources are considered too geologically speculative to have mining and economic considerations applied to them and to be categorized as Mineral Reserves)</i></p> <p>The Feasibility Study completed by Met-Chem Canada Inc. (released on 8 August 2014) on the Lac Knife Graphite Deposit indicates that the Lac Knife Graphite Deposit has the potential to become one of the lowest-cost, highest-margin producers of graphite in the world.</p> <p>Refer to <a href="http://www.focusgraphite.com/wp-content/uploads/largeReport/Lac-Knife-Feasibility-Study-Technical-Report-August-2014.pdf">http://www.focusgraphite.com/wp-content/uploads/largeReport/Lac-Knife-Feasibility-Study-Technical-Report-August-2014.pdf</a> for further information in relation to the Feasibility Study at the Lac Knife graphite project.</p> <p>Graphite mineralisation is set in migmatized biotite-bearing quartz-feldspar gneiss belonging to the Nault Formation of the lower Proterozoic Gagnon Group.</p> <p>According to the Quebec Ministry of Natural Resources, where this gneissic unit is sheared, brecciated and silicified, coarse graphite flakes and associated sulphide minerals make up 5% to 10% of the rock, with up to 20% or more in the more brecciated zones.</p> <p>Fuchsite and other iron-rich micas accompany the graphite and sulphide mineralization in the more silicified horizons.</p>
Drill Information	<p>hole • A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</p> <ul style="list-style-type: none"> <li>○ easting and northing of the drill hole collar</li> <li>○ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill</li> </ul>	Not Applicable

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>hole collar <ul style="list-style-type: none"> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	
Data aggregation methods	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<p>No data aggregation with grab samples reported as point location data. Weighted compositing methods applied to channels</p> <p>No metal equivalents reported</p> <p>No intercepts reported</p>
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	Not Applicable with grab samples representing surface point locations. Channels samples by nature report grade over width with best efforts to cross strike of unit. True widths not known.
Diagrams	<ul style="list-style-type: none"> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	Several maps included in body of news release
Balanced reporting	<ul style="list-style-type: none"> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	Results for all sampling submitted for assay are listed in Appendix A attached to the body of this report.
Other substantive exploration data	<ul style="list-style-type: none"> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	All meaningful and material data is reported.
Further work	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<p>Detailed geochemistry and geology mapping to determine trends of known mineralised zones and to delineate other Cg anomalies.</p> <p>Drilling.</p>

## MINERAL AND EXPLORATION LICENCES

Country	State/ Region	Project	Tenement ID	Area km <sup>2</sup>	Grant Date	Expiry Date	Interest %	Company
Australia	WA	Manindi	M57/227	4.64	3/09/1992	2/09/2034	80	Karrilea Holdings Pty Ltd
			M57/240	3.15	10/11/1993	9/11/2035	80	
			M57/533	8.01	17/01/2008	16/01/2029	80	
Australia	WA	Sherlock Bay	E47/1769	44.7	7/09/2009	6/09/2019	4.5	Metals Australia Ltd
			E47/1770	134.3	7/09/2009	6/09/2019	4.5	
			M47/567	10	7/09/2004	22/09/2025	4.5	



## Lac Rainy Graphite Project

Total Count	Claim number (CDC series)	Area (ha)	Grant Date	Expiry Date
1	2477073	52.35	2/02/2017	1/02/2021
2	2477074	52.35	2/02/2017	1/02/2021
3	2477075	52.35	2/02/2017	1/02/2021
4	2477076	52.34	2/02/2017	1/02/2021
5	2477077	52.34	2/02/2017	1/02/2021
6	2477078	52.30	2/02/2017	1/02/2021
7	2477079	52.30	2/02/2017	1/02/2021
8	2493128	52.34	24/05/2017	23/05/2021
9	2493129	52.30	24/05/2017	23/05/2021
10	2493130	52.30	24/05/2017	23/05/2021
11	2493131	52.30	24/05/2017	23/05/2021
12	2493132	52.30	24/05/2017	23/05/2021
13	2493133	52.29	24/05/2017	23/05/2021
14	2493134	52.29	24/05/2017	23/05/2021
15	2493135	52.31	24/05/2017	23/05/2021
16	2467343	52.33	31/10/2016	30/10/2020
17	2467344	52.33	31/10/2016	30/10/2020
18	2467345	52.32	31/10/2016	30/10/2020
19	2467346	52.32	31/10/2016	30/10/2020
20	2462752	52.36	19/09/2016	18/09/2020
21	2462753	52.36	19/09/2016	18/09/2020
22	2462754	52.35	19/09/2016	18/09/2020
23	2462755	52.35	19/09/2016	18/09/2020
24	2462756	52.35	19/09/2016	18/09/2020
25	2462757	52.34	19/09/2016	18/09/2020
26	2462758	52.34	19/09/2016	18/09/2020
27	2462759	52.34	19/09/2016	18/09/2020
28	2462760	52.34	19/09/2016	18/09/2020
29	2462761	52.34	19/09/2016	18/09/2020
30	2462762	52.33	19/09/2016	18/09/2020
31	2462763	52.33	19/09/2016	18/09/2020
32	2462764	52.33	19/09/2016	18/09/2020
33	2462765	52.33	19/09/2016	18/09/2020
34	2462766	52.33	19/09/2016	18/09/2020
35	2462767	52.33	19/09/2016	18/09/2020
36	2462768	52.32	19/09/2016	18/09/2020
37	2462769	52.32	19/09/2016	18/09/2020
38	2462770	52.32	19/09/2016	18/09/2020
39	2462771	52.32	19/09/2016	18/09/2020
40	2462772	52.32	19/09/2016	18/09/2020
41	2462773	52.31	19/09/2016	18/09/2020

Total Count	Claim number (CDC series)	Area (ha)	Grant Date	Expiry Date
42	2462774	52.31	19/09/2016	18/09/2020
43	2462775	52.31	19/09/2016	18/09/2020
44	2462776	52.31	19/09/2016	18/09/2020
45	2462777	52.31	19/09/2016	18/09/2020
46	2462778	52.31	19/09/2016	18/09/2020
47	2462779	52.30	19/09/2016	18/09/2020
48	2462780	52.30	19/09/2016	18/09/2020
49	2462781	52.30	19/09/2016	18/09/2020
50	2462782	52.30	19/09/2016	18/09/2020
51	2462783	52.30	19/09/2016	18/09/2020
52	2471082	52.38	16/12/2016	15/12/2020
53	2471083	52.37	16/12/2016	15/12/2020
54	2471084	52.36	16/12/2016	15/12/2020
55	2471085	52.36	16/12/2016	15/12/2020
56	2471086	52.36	16/12/2016	15/12/2020
57	2471087	52.36	16/12/2016	15/12/2020
58	2471088	52.35	16/12/2016	15/12/2020
59	2471089	52.35	16/12/2016	15/12/2020
60	2471090	52.35	16/12/2016	15/12/2020
61	2471091	52.35	16/12/2016	15/12/2020
62	2471092	52.34	16/12/2016	15/12/2020
63	2471093	52.34	16/12/2016	15/12/2020
64	2471094	52.34	16/12/2016	15/12/2020
65	2471095	52.34	16/12/2016	15/12/2020
66	2471096	52.33	16/12/2016	15/12/2020
67	2471097	52.33	16/12/2016	15/12/2020
68	2471098	52.33	16/12/2016	15/12/2020
69	2471099	52.33	16/12/2016	15/12/2020
70	2471100	52.32	16/12/2016	15/12/2020
71	2471101	52.32	16/12/2016	15/12/2020
72	2471102	52.32	16/12/2016	15/12/2020
73	2471103	52.32	16/12/2016	15/12/2020
74	2471104	52.31	16/12/2016	15/12/2020
75	2471105	52.31	16/12/2016	15/12/2020
76	2471106	52.31	16/12/2016	15/12/2020
77	2471107	52.31	16/12/2016	15/12/2020
78	2471108	52.31	16/12/2016	15/12/2020
79	2465815	52.30	13/10/2016	12/10/2020
80	2499090	35.22	2/08/2017	1/08/2021
81	2499091	45.67	2/08/2017	1/08/2021
82	2499092	25.58	2/08/2017	1/08/2021

Total Count	Claim number (CDC series)	Area (ha)	Grant Date	Expiry Date
83	2499356	52.35	7/08/2017	6/08/2021
84	2499357	52.35	7/08/2017	6/08/2021
85	2528299	52.35	29/11/2018	28/11/2020
86	2528300	52.35	29/11/2018	28/11/2020
87	2529282	52.35	14/12/2018	13/12/2020
88	2529504	52.35	09/01/2019	08/01/2021

### Lac La Motte Lithium Project

Total Count	Claim number (CDC series)	Area (ha)	Date Granted	Date Expires
1	2438019	42.48	14/03/2016	13/03/2020
2	2438020	45.81	14/03/2016	13/03/2020
3	2455450	57.25	28/07/2016	27/07/2020
4	2455451	57.25	28/07/2016	27/07/2020
5	2455452	47.63	28/07/2016	27/07/2020
6	2455453	54.61	28/07/2016	27/07/2020
7	2455454	57.24	28/07/2016	27/07/2020
8	2455455	57.24	28/07/2016	27/07/2020

Total Count	Claim number (CDC series)	Area (ha)	Date Granted	Date Expires
9	2455456	57.24	28/07/2016	27/07/2020
10	2455457	57.23	28/07/2016	27/07/2020
11	2455458	57.23	28/07/2016	27/07/2020
12	2455459	33.56	28/07/2016	27/07/2020
13	2455460	41.19	28/07/2016	27/07/2020
14	2455461	22.73	28/07/2016	27/07/2020

### Lac La Corne Lithium Project

Total Count	Claim number (CDC series)	Area (ha)	Grant Date	Expiry Date
1	2450086	57.28	20/06/2016	19/06/2020
2	2450087	57.28	20/06/2016	19/06/2020
3	2450088	57.27	20/06/2016	19/06/2020
4	2450089	57.26	20/06/2016	19/06/2020
5	2450090	57.26	20/06/2016	19/06/2020
6	2454427	57.28	25/07/2016	24/07/2020
7	2454428	57.28	25/07/2016	24/07/2020
8	2454429	57.27	25/07/2016	24/07/2020
9	2454430	57.26	25/07/2016	24/07/2020
10	2454431	57.26	25/07/2016	24/07/2020
11	2454432	57.25	25/07/2016	24/07/2020
12	2454433	57.25	25/07/2016	24/07/2020
13	2454434	57.25	25/07/2016	24/07/2020
14	2454435	57.25	25/07/2016	24/07/2020
15	2444218	57.27	5/05/2016	4/05/2020
16	2444219	57.27	5/05/2016	4/05/2020
17	2455213	57.31	28/07/2016	27/07/2020

Total Count	Claim number (CDC series)	Area (ha)	Grant Date	Expiry Date
18	2455214	57.30	28/07/2016	27/07/2020
19	2455215	57.30	28/07/2016	27/07/2020
20	2455216	57.29	28/07/2016	27/07/2020
21	2455217	57.29	28/07/2016	27/07/2020
22	2455218	57.29	28/07/2016	27/07/2020
23	2455219	57.27	28/07/2016	27/07/2020
24	2455220	57.26	28/07/2016	27/07/2020
25	2455221	57.26	28/07/2016	27/07/2020
26	2455222	57.26	28/07/2016	27/07/2020
27	2455223	57.25	28/07/2016	27/07/2020
28	2455224	57.25	28/07/2016	27/07/2020
29	2455225	57.25	28/07/2016	27/07/2020
30	2455226	57.24	28/07/2016	27/07/2020
31	2455227	57.24	28/07/2016	27/07/2020
32	2455228	57.24	28/07/2016	27/07/2020
33	2455229	57.24	28/07/2016	27/07/2020
34	2455230	57.23	28/07/2016	27/07/2020
35	2455231	57.23	28/07/2016	27/07/2020
36	2455232	57.23	28/07/2016	27/07/2020

Total Count	Claim number (CDC series)	Area (ha)	Grant Date	Expiry Date
37	2455233	57.28	28/07/2016	27/07/2020
38	2455235	57.27	28/07/2016	27/07/2020
39	2455236	57.25	28/07/2016	27/07/2020
40	2455237	57.21	28/07/2016	27/07/2020
41	2455238	57.21	28/07/2016	27/07/2020
42	2455239	57.20	28/07/2016	27/07/2020
43	2455240	57.29	28/07/2016	27/07/2020

Total Count	Claim number (CDC series)	Area (ha)	Grant Date	Expiry Date
44	2455241	57.29	28/07/2016	27/07/2020
45	2455242	57.29	28/07/2016	27/07/2020
46	2455277	57.25	28/07/2016	27/07/2020
47	2455280	57.22	28/07/2016	27/07/2020
48	2455281	57.22	28/07/2016	27/07/2020
49	2455282	57.22	28/07/2016	27/07/2020
50	2455283	57.22	28/07/2016	27/07/2020

### Lacourciere-Daveau Lithium Project

Total count	Claim number (CDC series)	Area (ha)	Grant Date	Expiry Date
1	2505207	57.61	20/11/2017	19/11/2019
2	2505208	57.60	20/11/2017	19/11/2019
3	2505209	57.60	20/11/2017	19/11/2019
4	2505210	57.59	20/11/2017	19/11/2019
5	2505211	57.59	20/11/2017	19/11/2019
6	2505212	57.59	20/11/2017	19/11/2019
7	2505213	57.58	20/11/2017	19/11/2019
8	2505214	57.58	20/11/2017	19/11/2019
9	2505215	57.58	20/11/2017	19/11/2019
10	2505241	57.54	20/11/2017	19/11/2019
11	2505242	57.58	20/11/2017	19/11/2019
12	2505243	57.58	20/11/2017	19/11/2019
13	2505244	57.58	20/11/2017	19/11/2019
14	2505245	57.57	20/11/2017	19/11/2019
15	2505246	57.57	20/11/2017	19/11/2019
16	2505247	57.57	20/11/2017	19/11/2019
17	2505248	57.57	20/11/2017	19/11/2019
18	2505249	57.57	20/11/2017	19/11/2019
19	2505250	57.56	20/11/2017	19/11/2019
20	2505251	57.56	20/11/2017	19/11/2019
21	2505252	57.56	20/11/2017	19/11/2019
22	2505253	57.56	20/11/2017	19/11/2019
23	2505254	57.56	20/11/2017	19/11/2019
24	2505255	57.55	20/11/2017	19/11/2019
25	2505256	57.55	20/11/2017	19/11/2019
26	2505257	57.55	20/11/2017	19/11/2019

Total count	Claim number (CDC series)	Area (ha)	Grant Date	Expiry Date
27	2505258	57.54	20/11/2017	19/11/2019
28	2505259	57.54	20/11/2017	19/11/2019

**Lac du Marcheur Cobalt Project**

Total Count	Claim number (CDC series)	Area (ha)	Date Granted	Date Expires
1	2505515	59.61	20/11/2017	19/11/2019
2	2505516	59.61	20/11/2017	19/11/2019
3	2473803	59.55	27/01/2017	26/01/2019
4	2473804	59.54	27/01/2017	26/01/2019
5	2473805	59.53	27/01/2017	26/01/2019
6	2473806	59.53	27/01/2017	26/01/2019
7	2473807	59.53	27/01/2017	26/01/2019
8	2473808	59.52	27/01/2017	26/01/2019
9	2488121	56.75	6/04/2017	5/04/2019
10	2488122	34.77	6/04/2017	5/04/2019
11	2488123	24.04	6/04/2017	5/04/2019
12	2488124	19.67	6/04/2017	5/04/2019
13	2488125	0.72	6/04/2017	5/04/2019
14	2488126	27.75	6/04/2017	5/04/2019
15	2488062	58.30	5/04/2017	4/04/2019
16	2488063	31.04	5/04/2017	4/04/2019
17	2488064	31.51	5/04/2017	4/04/2019

18	2488065	59.61	5/04/2017	4/04/2019
19	2488066	59.61	5/04/2017	4/04/2019
20	2488067	59.61	5/04/2017	4/04/2019
21	2488068	59.61	5/04/2017	4/04/2019
22	2488069	59.61	5/04/2017	4/04/2019
23	2477461	59.55	7/02/2017	6/02/2019
24	2477462	56.91	7/02/2017	6/02/2019
25	2477463	8.83	7/02/2017	6/02/2019
26	2477464	46.28	7/02/2017	6/02/2019
27	2477465	49.94	7/02/2017	6/02/2019
28	2477466	10.88	7/02/2017	6/02/2019
29	2477467	23.53	7/02/2017	6/02/2019
30	2477468	56.87	7/02/2017	6/02/2019
31	2477469	9.58	7/02/2017	6/02/2019
32	2477470	54.20	7/02/2017	6/02/2019
33	2477471	41.03	7/02/2017	6/02/2019
34	2477472	55.11	7/02/2017	6/02/2019
35	2477473	18.90	7/02/2017	6/02/2019
36	2477474	35.87	7/02/2017	6/02/2019