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Pure Minerals Limited

ASX ANNOUNCEMENT **27 April 2018**

Quarterly Activities and Cashflow Report
for quarter ending 31 March 2018

Pure Minerals Limited (**the Company**, **Pure Minerals** or **PM1**) provides the following update on its activities during the quarter ending 31 March 2018 (**Relevant Quarter**).

Project Activities

Battery Hub Project (100% PM1) - E09/2217 and E52/3523

During the Relevant Quarter, the Company released results from its 2,880m reverse circulation drilling campaign that was completed in December 2017. Results were released from the Julia and Pools prospects, with additional drilling results from at the Isle and Steven Ridge prospects. Overall, the drill program confirmed manganese mineralization extends over approximately 16km of strike length.

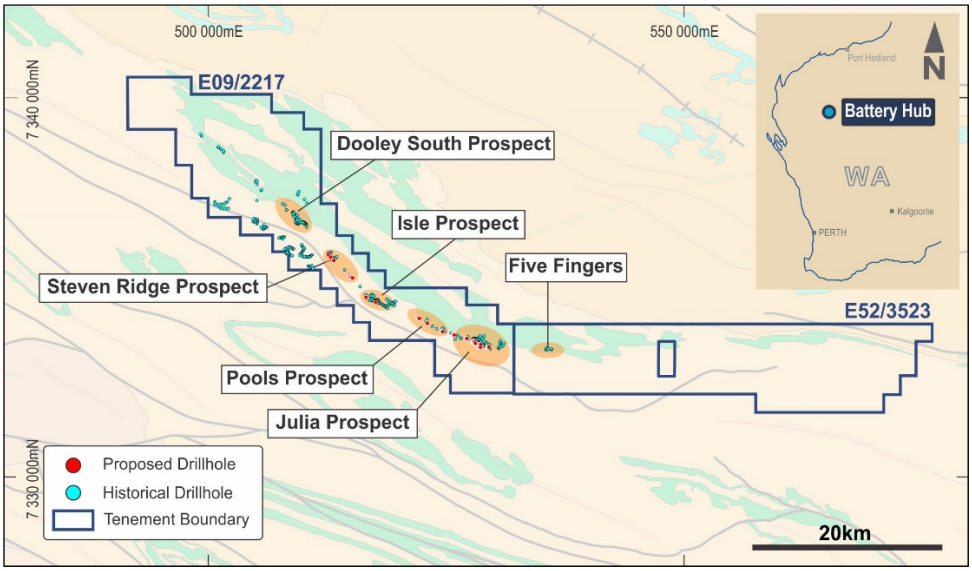


Figure 1: Prospects within the Battery Hub project in the Gascoyne region of Western Australia.

On 11 January 2018, Pure Minerals released results from 42 holes drilled at Julia. Drilling highlights included:

- BH0003: 5m @ 12.44% Mn from 3m, including 2m @ 26.77% Mn
- BH0004: 9m @ 14.85% Mn from 0m, including 2m @ 28.80% Mn
- BH0021: 5m @ 16.80% Mn from 1m

- BH0030: 9m @ 13.55% Mn from 1m
- BH0062: 8m @ 14.66% Mn from 3m, including 2m @ 30.13% Mn

The results indicated shallow bulk tonnage potential with drilling intercepts averaging 8.9m thickness and up to 47m thickness, an average maximum intercept depth (i.e. deepest extent of intercept) of 20.6m, and over a 2.5 km strike length. Of the 43 significant intercepts recorded at Julia, 18 intercepts exceeded an average of 10% Mn. These intercepts averaged 6.2m thickness and reported a weighted average grade of 12.6% Mn.

Moreover, the drill program has been successful in classifying different zones of shallow mineralization, including weathered lateritic mineralisation, together with higher-grade cap-rock mineralisation, and thick stratiform manganese mineralisation within the host siltstone formation.

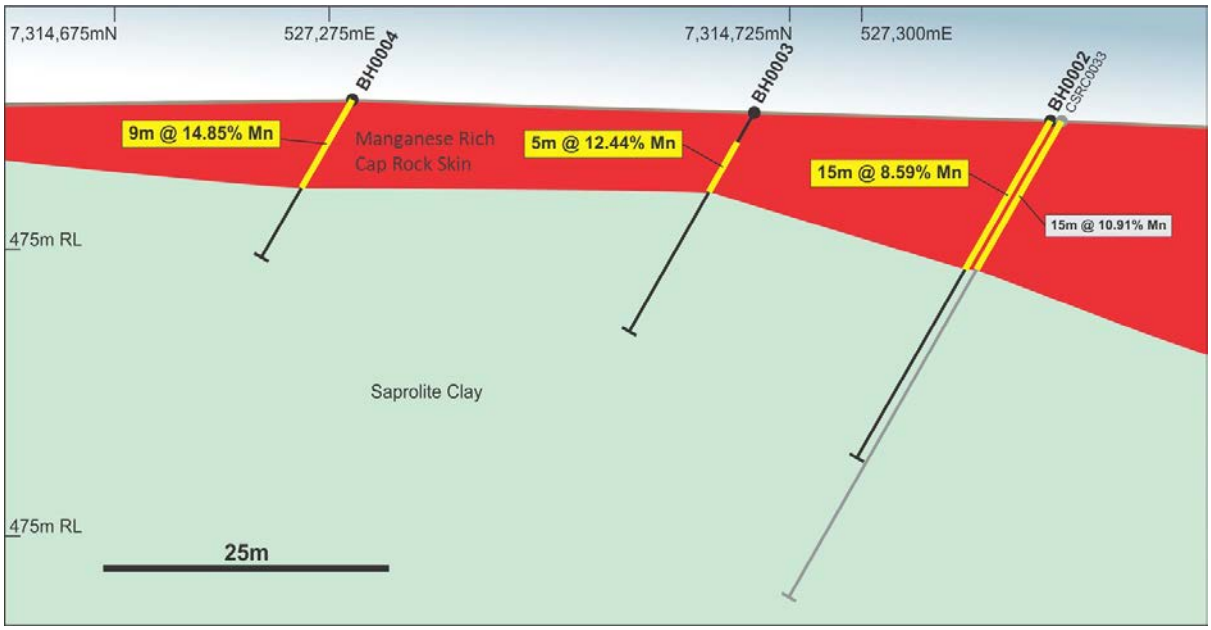


Figure 2: Section of near-surface cap-rock mineralisation at Julia Prospect

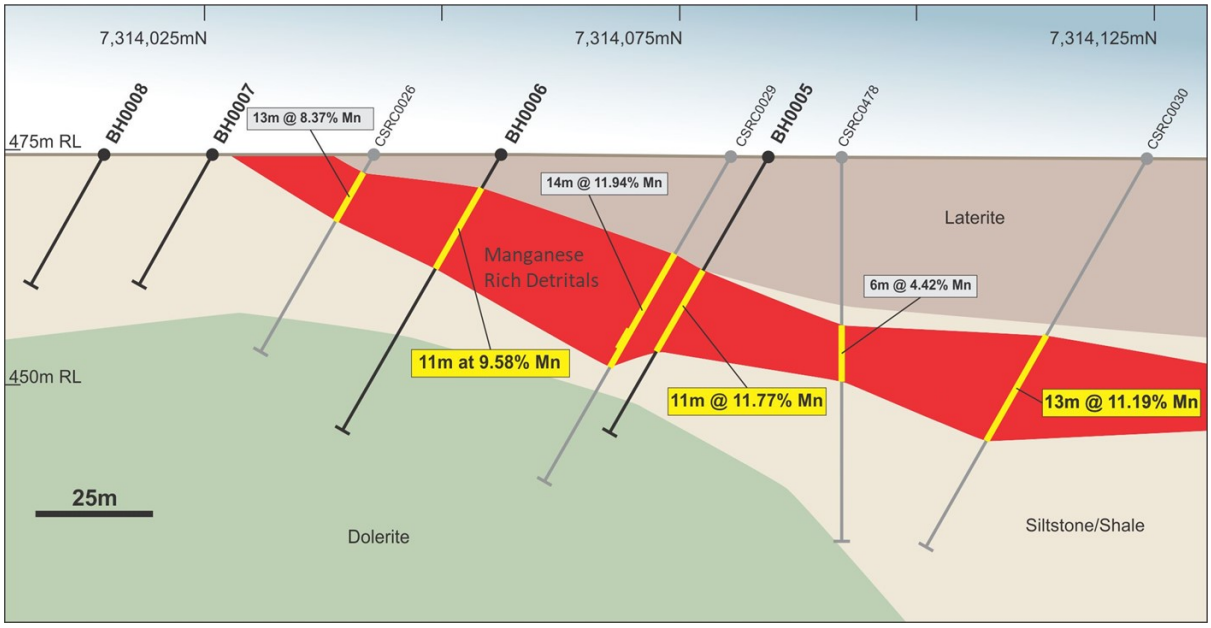


Figure 3: Weathered manganese mineralisation at base of laterite at Julia prospect

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On 24 January 2018, Pure Minerals released drill results from the Pools prospect, located immediately to the west of Julia, where a 5km-long stretch of stratiform manganese mineralization was tested with 24 reverse circulation drill holes. Drilling highlights included:

- BH0041: 3m @ 24.85% Mn within 22m @ 10.08% Mn
- BH0045: 2m @ 26.43% Mn within 11m @ 11.43% Mn
- BH0046: 2m @ 31.90% Mn within 9m @ 14.07% Mn
- BH0053: 4m @ 25.05% Mn within 10m @ 16.29% Mn
- BH0055: 3m @ 29.87% Mn within 15m @ 12.35% Mn

Pure Minerals confirmed mineralisation extends along the entire strike length of the 5km-long ridgeline at Pools, with observations of good grade and thickness continuity. Every drill hole except one encountered manganese mineralisation. 27 significant primary intercepts were observed with an average thickness of 18.6m. Mineralisation extends from surface to and average maximum depth (deepest extent of intercept) of 28.8m. A higher-grade core averaging 2.5m thickness and 26.65% Mn is observed in six of the drill holes. Mineralisation remains open at depth and along strike.

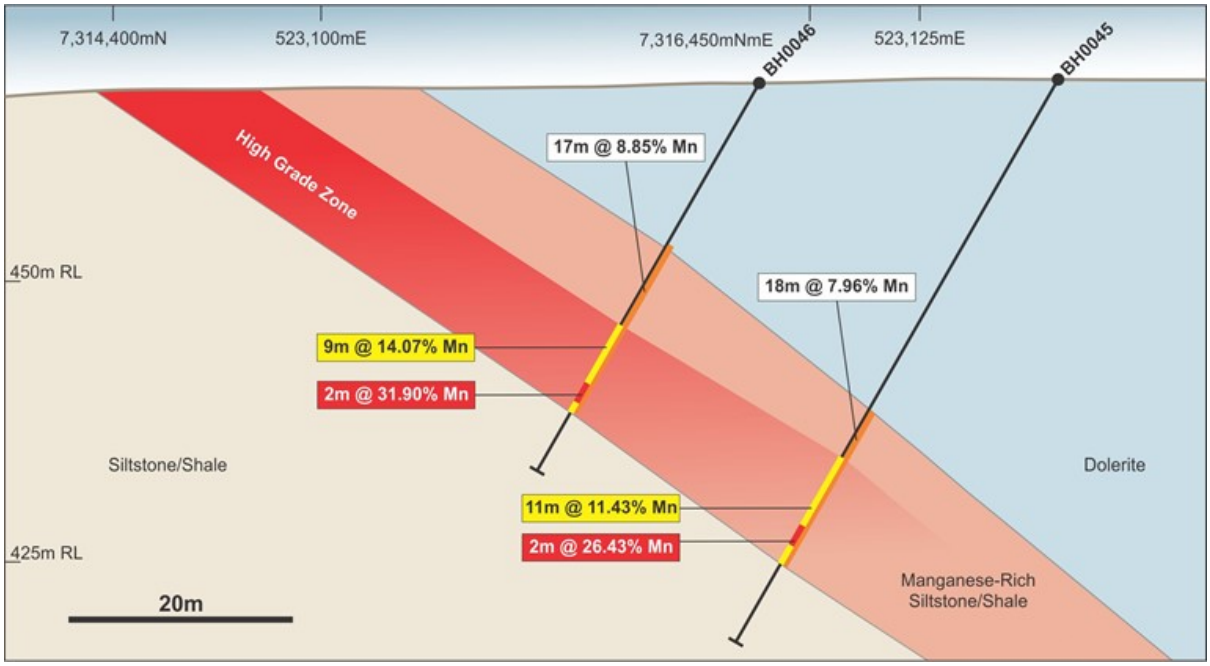


Figure 4: Section of stratiform mineralization at the Pools prospect.

Additional drill results from 13 drill holes were released on 9 February 2018 from the Isle and Steven Ridge prospects, located to the west of the Pools prospect and extending over 8.3km. Drilling highlights included:

- BH0068: 3m @ 31.79% Mn within 9m @ 17.93% Mn
- BH0079: 4m @ 33.40% Mn within 12m @ 18.42% Mn

12 of the 13 holes encountered mineralization with a median thickness of 20m, and 7 of the intercepts included a median grade core averaging 6.1m thickness with a weighted average grade of 15.32% Mn.

The vast majority of mineralisation identified at Steven Ridge is hosted as a stratiform layer within an extensive siltstone formation extending the entire >80km strike length at Battery Hub. The layer typically dips approximately 30° to the NE and represents an extension of a similar style of mineralisation identified at the Pools prospect. Isle is hosted in lateritic gravels believed to be derived from stratiform mineralisation, like that seen at Julia.

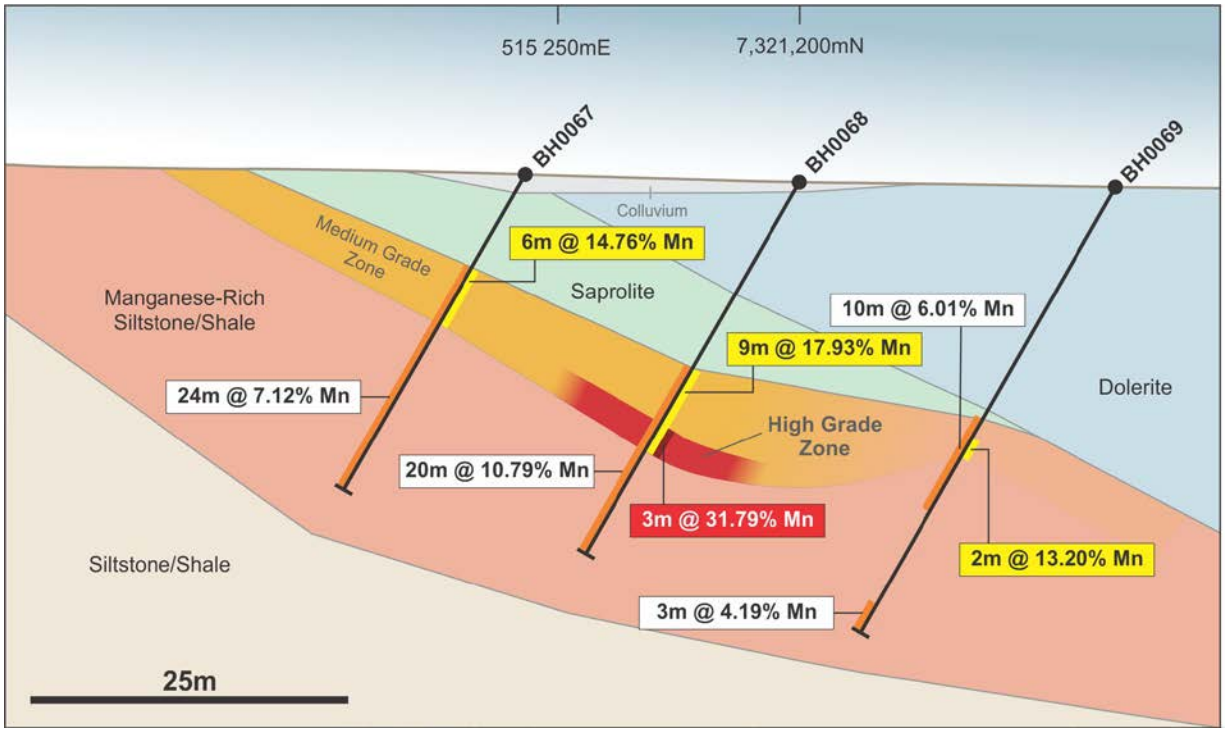


Figure 5: Cross section of Steven Ridge prospect.

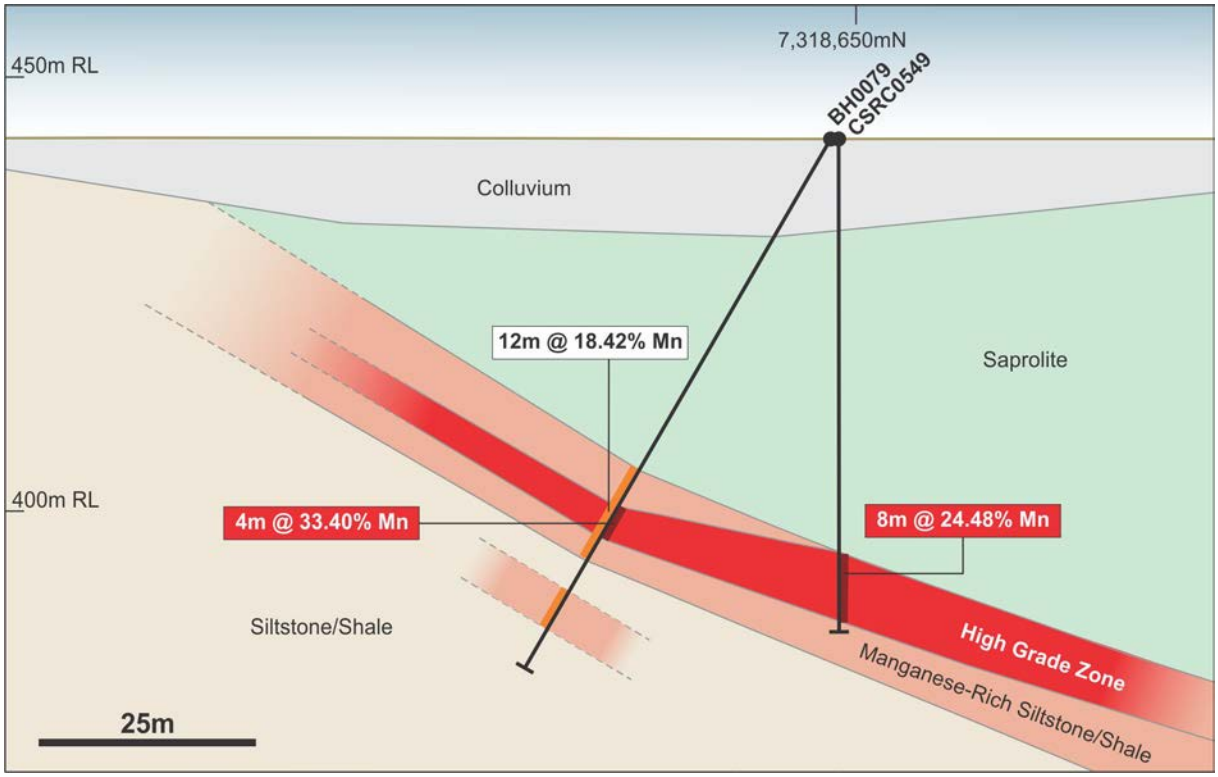


Figure 6: Cross section of Isle prospect.

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During the quarter, the Company initiated a program of preliminary metallurgical testwork designed to provide guidance for future resource exploration drilling and to enhance the development possibilities of a potentially large-tonnage project. Mineral Engineering Technical Services (METS), part of the Midas Engineering Group, was retained to co-ordinate the testwork and ALS Global was engaged to perform Heavy Liquid Separation and mineralogy analysis.

Morrissey Hill (80% PM1)

During the Relevant Quarter, Pure Minerals initiated an infill soil sampling program intended to test areas showing the strongest lithium and tantalum anomalies in the soil sampling program completed in October 2017 and mapping during December 2017. The sampling program was completed after the end of the Relevant Quarter and samples are currently undergoing relevant analysis for pathfinder elements. Pure Minerals intends to announce these results during the June quarter.

The Company is not aware of any new information or data from Morrissey Hill that materially affects the information included in this quarterly report.

Mount Boggola (80% PM1)

The Company completed a review of open source geophysical data, with a focus being placed on the analysis of an available helicopter-acquired electromagnetic survey completed by a previous operator. The review identified low priority responses associated with interpreted intersecting structures (ENE and NW). In addition to this, stronger anomalism identified within the area is interpreted as being associated with shallow level features, such as drainage or sub-crop. Given the age and quality of the survey, the Company does not believe the survey is conclusive and furthermore detailed ground based geophysical surveys may be warranted over the anomalous responses.

Bordah Well (80% PM1)

No exploration activities were undertaken during the Relevant Quarter.

Lake Blanche (100% PM1)

Pure Minerals relinquished the property during the Relevant Quarter after a review of previous activities and public information.

Regnard Bay – Exploration License Application (100% PM1)

At quarter end the tenement remained pending grant. Objections were filed with the Department of Mining, Industry Regulation and Safety, and a hearing is due in the coming quarter. The Company expects the objections to be resolved satisfactorily.

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Corporate

During the Relevant Quarter, Pure Minerals made the following changes to its Board and management:

- Mr Sean Keenan and Mr Robert Parton resigned from the board. Mr Keenan maintains his existing role as the Company's Chief Executive Officer.
- Mr Eddie King joined the Company's board as a non-executive director.

At 31 March 2018, the Company's cash position was $2.61 million.

For more details about Pure Minerals Limited see www.pureminerals.com.au

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Tenement Table: ASX Listing Rule 5.3.3

Mineral tenement interests held at the end of the quarter

Tenement	Status	Project	Holding	Grant Date	End Date	Prospective for
E08/2693	Granted	Mt Boggola, WA	80%	29/09/2015	28/09/2020	Copper-gold
E09/2132	Granted	Bordah Well, WA	80%	01/07/2016	30/06/2021	Gold-copper, REE, Uranium
E09/2133	Granted	Morrissey Hill, WA	80%	20/07/2016	19/07/2021	Lithium, Tantalum & REE
E09/2136-I	Granted	Morrissey Hill, WA	80%	20/07/2016	19/07/2021	Lithium, Tantalum & REE
E09/2217	Granted	Battery Hub, WA	100%	13/09/2017	12/09/2022	Manganese
E52/3523	Granted	Battery Hub, WA	100%	06/11/2017	05/11/2022	Manganese
E47/3919	Application	Regnard Bay , WA	100%			Heavy Mineral Sands, Gold, Industrial Minerals

The mining tenement interests relinquished during the quarter and their location
EL5391(100%), Lake Blanche, South Australia

The mining tenement interests acquired during the quarter and their location

Nil

Beneficial percentage interests held in farm-in or farm-out agreements at the end of the quarter

Not applicable.

Beneficial percentage interests in farm-in or farm-out agreements acquired or disposed of during the quarter

Not applicable.

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