

ASX and Media Release

Thursday 30th January, 2020



Quarterly Activities Report – for the Quarter ended 31 December 2019

ASX Code: WRM

Issued Securities

Shares: 1,841 million

Options: 574 million

Cash on hand (31 Dec 2019)
\$1.76M

Market Cap (29 Jan 2020)
\$9.2M at \$0.005 per share

Directors & Management

Peter Lester

Non-Executive Chairman

Matthew Gill

Managing Director &
Chief Executive Officer

Jeremy Gray

Non-Executive Director

Stephen Gorenstein

Non-Executive Director

Shane Turner

Company Secretary

Rohan Worland

Exploration Manager

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HIGHLIGHTS

- **Stream sediment sampling has identified a large, robust gold anomaly named Last Chance, measuring 15km² in area and located in the Tintina Gold Province, Alaska.**
- The Tintina Gold Province is host to giant gold deposits including Donlin Creek (45 Moz Au), Pogo (10 Moz Au) and Fort Knox (13.5 Moz Au).
- Within the greater gold anomaly, a highly anomalous core area with over 3.5km of east-west strike length has been defined by four first order stream catchments at >100ppb (0.1g/t) gold with a peak value >0.4g/t gold.
- Stream sediment sampling also identified a strong zinc-copper anomaly named the Moose prospect.
- White Rock has moved quickly and has secured an additional 84km² of tenements over these two high priority target areas, expanding the Company's total district-scale strategic tenement package to 559km².
- **Drilling at the high-grade Dry Creek VMS deposit intersected 1.4m @ 13.9% zinc, 4.4% lead, 115g/t silver, 0.8g/t gold & 0.3% copper for 21.6% Zn Eq¹** interpreted to be the extension to the high grade Fosters lens, the upper of two lenses in the Dry Creek deposit.
- Previous drilling at Dry Creek tested the deposit to a depth of just 200 metres. The success of this 200 metre plus down-dip step out drill hole suggests considerable potential for the deposit to grow in size and tonnes along its entire 1,200 metre strike length.
- Drilling terminated due to poor ground conditions in the hangingwall chert sequence believed to be above the high-grade Discovery lens stratigraphic position.

Red Mountain Zinc-Silver-Lead-Gold VMS Project

In early October, White Rock, in conjunction with its joint venture partner Sandfire Resources², completed the 2019 field season exploring for high-grade zinc and precious metals volcanogenic massive sulphide (VMS) deposits at Red Mountain in central Alaska (**Red Mountain Project**). There are already two high grade deposits at the Red Mountain Project, with an Inferred Mineral Resource³ of **9.1 million tonnes @ 12.9% ZnEq¹** for 1.1Mt of contained zinc equivalent.

Stream Sediment Sampling

During the 2019 field season White Rock completed a detailed regional stream sediment program over prospective stratigraphy within the Red Mountain project area. Sampling targeted stratigraphy prospective for additional VMS deposits as well as Cretaceous gold systems related to the world class Tintina Gold Province, host to gold deposits such as Donlin Creek (45Moz gold) owned by NovaGold and Barrick, Fort Knox (13.5Moz gold) owned by Kinross and Pogo (10Moz gold) owned by Northern Star (Figure 1). Subsequent to the end of the Quarter the Company announced the discovery of two significant surface geochemical anomalies - Last Chance and Moose⁴.

Last Chance Prospect

The Last Chance Prospect is a large (15km²), strong (up to 418ppb (0.4g/t) gold) and robust gold anomaly defined by 27 stream sediment sample points (Figure 2). The gold anomaly has a highly anomalous core >100ppb gold in first order stream catchments over 3.5km of strike east-west, and at >75ppb gold extends over 6km of strike length. The gold anomaly is located in the headwaters of Last Chance Creek. Downstream from this Prospect significant placer workings commence 12km to the north and extend further north through the foothills of the Alaska Range (Figure 3).

The Last Chance gold anomaly is located along a regional gold-arsenic-antimony trend that extends to the east and is spatially associated with a suite of exposed Cretaceous granites, the same age as those associated with the major gold deposits distributed throughout the Tintina Gold Province.

A historic search of the Alaska Department of Natural Resources website indicates that the Last Chance gold anomaly has never had any historic mining claims staked, suggesting that the area is unexplored. Together with the size and strength of the gold anomaly, White Rock is excited by the exploration potential for the Last Chance Prospect to yield a significant new gold discovery. The detailed definition of stream sediment sampling provides a clear area for focused on ground follow-up activities. White Rock expects to be able to commence geological reconnaissance and detailed surface soil and rock chip geochemistry during June 2020, prior to the possibility of drill testing targets during Q3 2020.

Moose Prospect

The Moose Prospect is a strong (2 samples >1% Zn), discrete (1.5km²) zinc-copper anomaly defined by 4 stream sediment sample points >5,000ppm (0.5%) zinc and >750ppm copper. The anomaly is located in the lower section of the Totatlanika Schist on the southern limb of the regional synform, along strike to the west of the high-grade zinc and precious metals Dry Creek VMS deposit (Figure 3). The Moose zinc-copper target will also be prioritised for initial ground activities at the start of the 2020 field season.

Expanded Tenement Package

White Rock has staked an additional 134 new State of Alaska Mining Claims to secure the Last Chance and Moose target areas. The expanded tenement area now forms a contiguous block of mining claims from the high-grade Dry Creek and WTF deposits in the east through to the new target areas and the historic Sheep Creek VMS prospect in the west (Figure 3). The Red Mountain project now comprises 894 State of Alaska Mining Claims and Mineral Locations, with the total district-scale strategic area now controlled totalling 559km².



Figure 1: Location of the Red Mountain Project (including the Last Chance and Moose Prospects) within the Tintina Gold Province and its major gold deposits including Donlin Creek (45Moz Au; NovaGold & Barrick), Pogo (10 Moz Au; Northern Star) and Fort Knox (13.5Moz Au; Kinross).

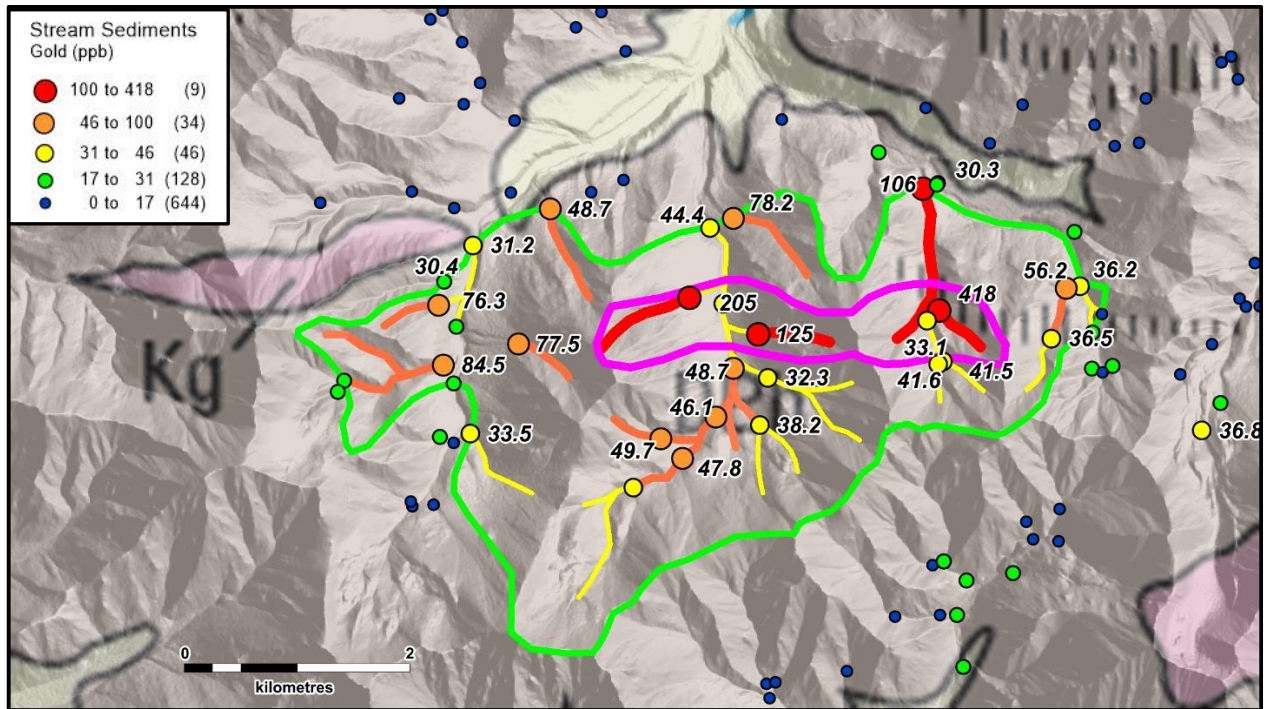


Figure 2: Last Chance gold anomaly showing stream sediment sample locations and anomalous gold assays >30ppb, the outline of the 15km² anomalous catchment in green, the strong gold anomalism >100ppb gold in first order streams over 3.5km of strike in red and the proximity of Cretaceous granites (Kg).

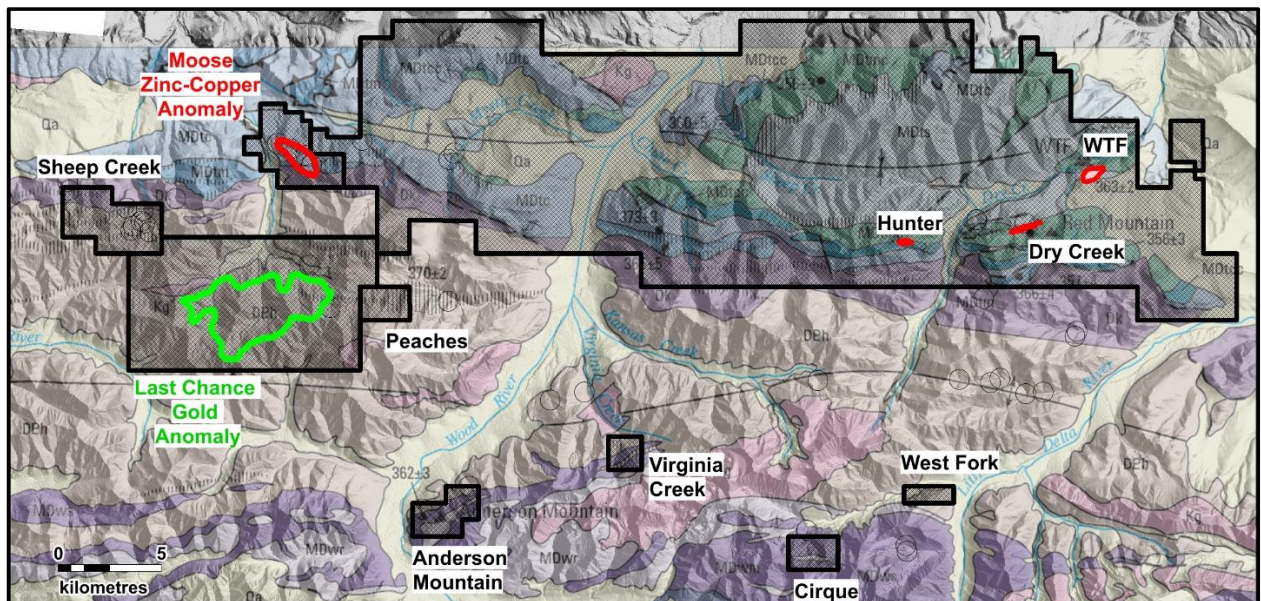


Figure 3: White Rock's expanded tenement package now totals 559km² following claim staking completed in December 2019 across the priority Last Chance gold anomaly and the Moose zinc-copper anomaly.

Dry Creek Deposit Diamond Drilling

During the Quarter the Company reported assay results for the final drill hole of the 2019 season at the Dry Creek deposit⁵. Drill hole DC19-96 tested an aggressive 200 metre plus down-dip step out from known high-grade zinc – silver – lead – gold mineralisation of both the Fosters and Discovery lenses at the Dry Creek deposit (Figure 4, 5 & 6).

Mineralisation was successfully intersected with 1.4 metres including massive sulphide containing abundant sphalerite (zinc sulphide) located within stratigraphy equivalent to the Fosters lens.

Assay results for this intersection returned **1.4m @ 13.9% zinc, 4.4% lead, 115g/t silver, 0.8g/t gold & 0.3% copper for 21.6% ZnEq¹** from 524.6m.

The drill hole also intersected a chert horizon correlating with the hangingwall position to the lower Discovery lens of massive sulphide mineralisation before being terminated due to poor ground conditions and the end of the field season corresponding with the onset of winter, leaving the Discovery lens potentially ahead of the drill hole path and untested.

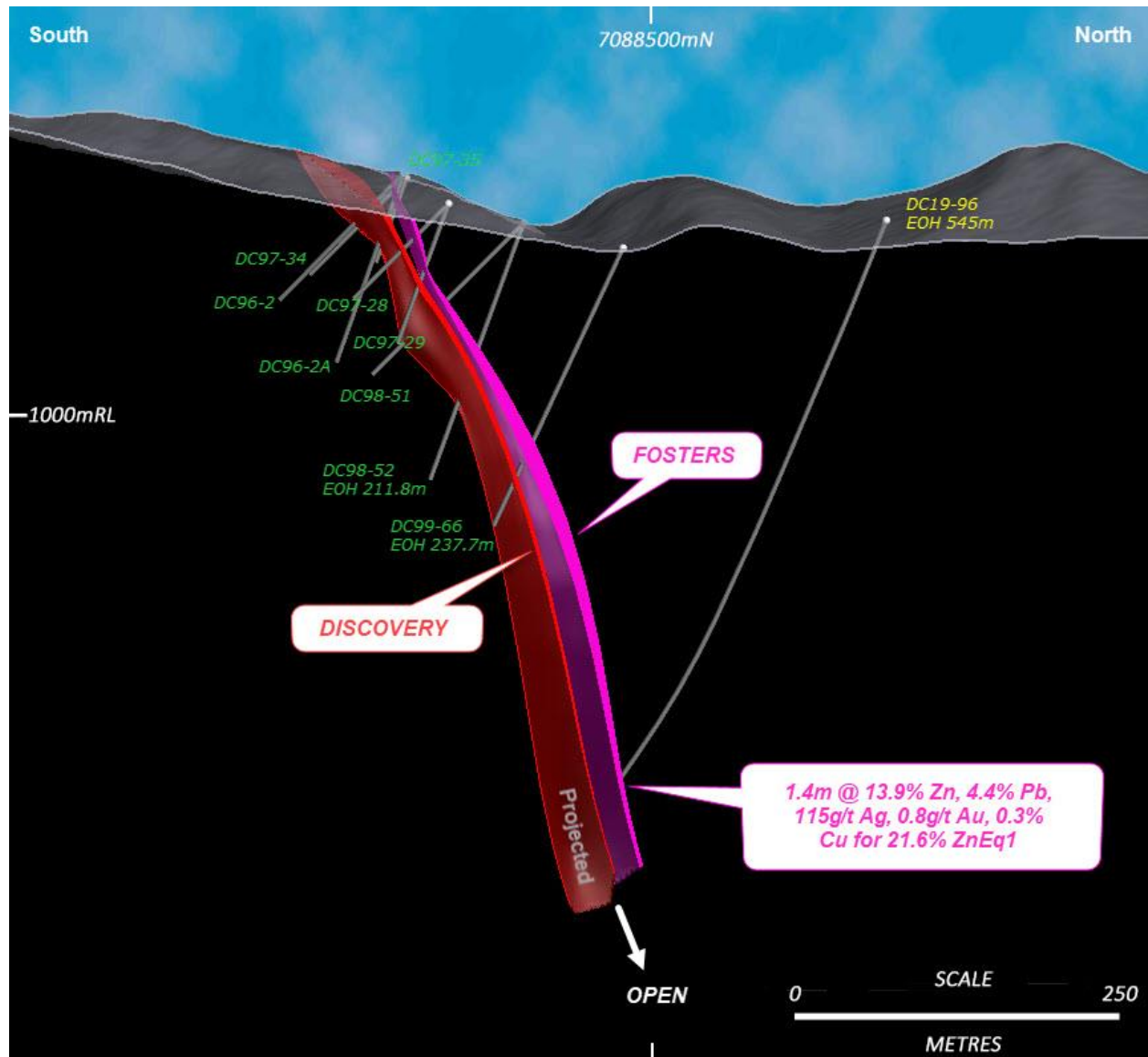


Figure 4: Dry Creek deposit 3D cross section 480,745mE looking west, with recent drill hole DC19-96 and shallower historic drill holes across a 135m window. The cross section shows the interpreted extension of the Fosters and Discovery lenses with drill hole DC19-96 only intersecting the Fosters lens before being terminated due to poor ground conditions; the Discovery lens remains untested by DC19-96.

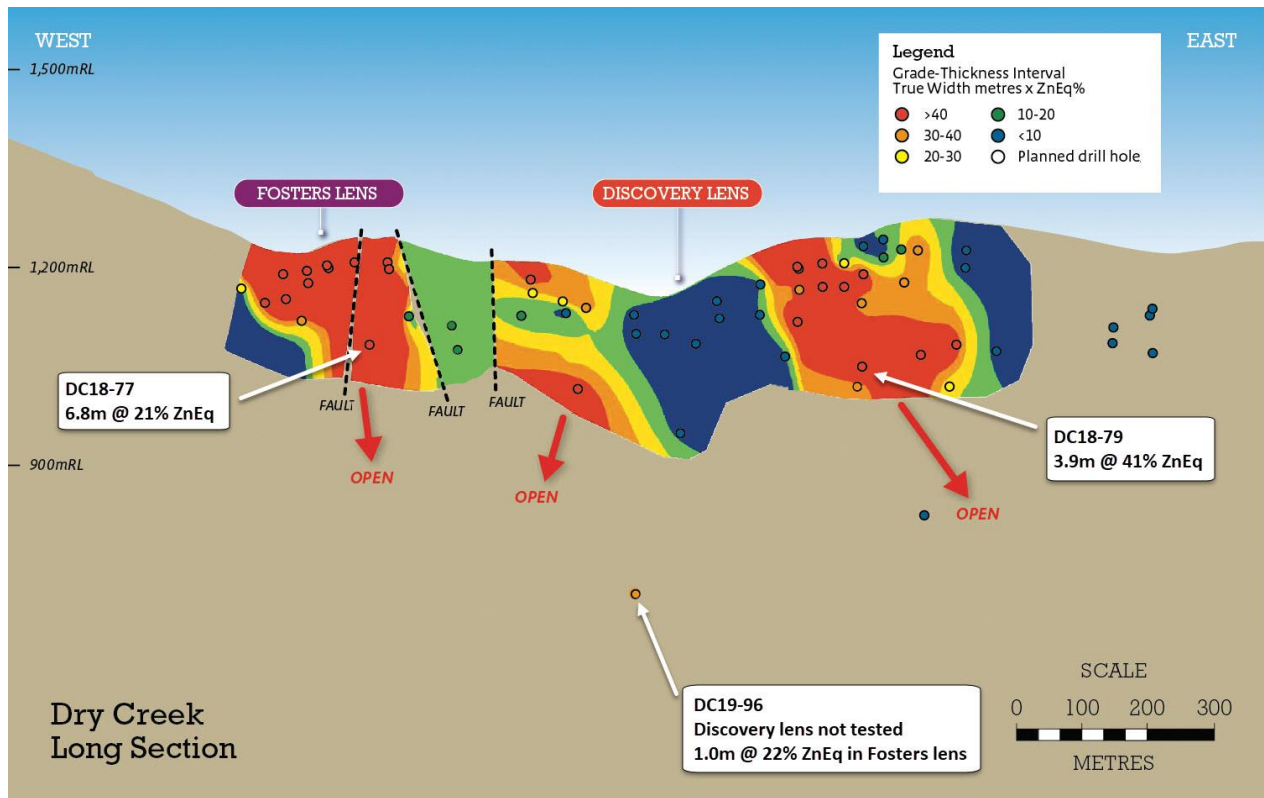


Figure 5: Dry Creek deposit long-section looking north showing the Fosters lens (west) and Discovery lens (east) – refer Figure 6 for lens location.

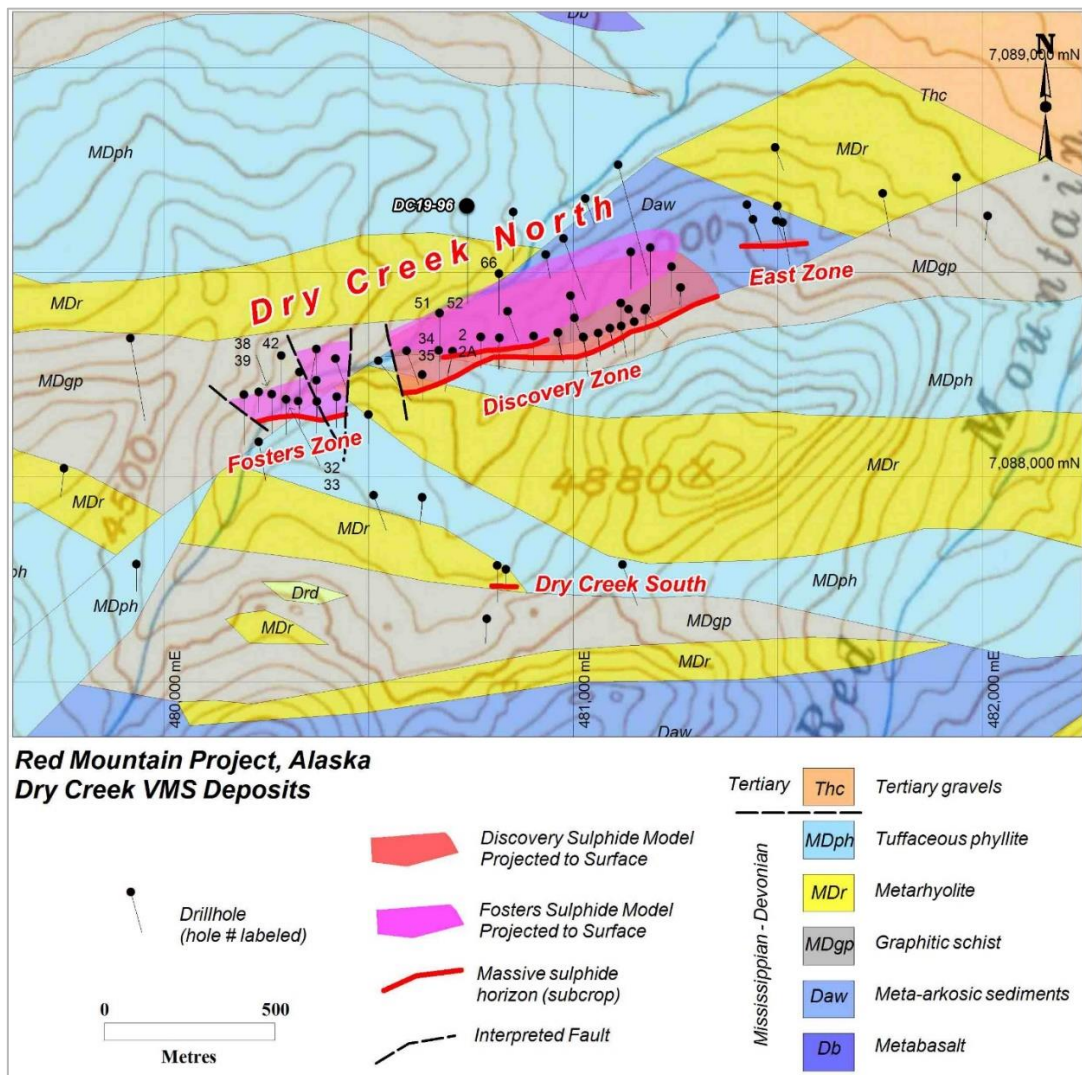


Figure 6: Dry Creek prospect showing surface projection of massive sulphide mineralisation lenses and the location of DC19-96 with respect to all historic drill hole traces on the DGGs geology map (after Freeman et al., 2016).

MT CARRINGTON

Mt Carrington is a 100% owned advanced gold-silver epithermal project located in northern NSW, Australia. A 2017 Pre-Feasibility Study (PFS) into the “Gold First” development stage declared a Maiden Ore Reserve of 3.47 million tonnes at 1.4g/t gold for 159,000 ounces gold⁶ within a resource of 341,000 ounces of gold and 23 million ounces of silver⁷. The Stage One PFS confirmed Mt. Carrington as a viable gold first project (Gold First) with significant potential upside in subsequent silver production and future gold and silver exploration.

During the quarter, strong Australian gold prices encouraged the Company to continue to explore avenues to advance the Mt Carrington gold and silver Project with interested parties and several corporate advisory groups and included commencing a Rights Issue capital raising⁸. The current gold price in excess of A\$2,100 per ounce highlights the potential for Mt Carrington to generate a significant return on investment with an NPV₈ of A\$72M, A\$95M in free cashflow generated, an IRR of 82% and a capital payback of less than a year.

CORPORATE

On 1st October, White Rock announced an equity raising⁸ of up to \$5.4 million (before costs) through a 2 for 3 pro-rata non-renounceable entitlement offer (Offer) of fully paid ordinary shares (New Shares) together with 1 option for every 3 New Shares to existing eligible shareholders to raise up to \$5.4 million before costs. The Offer closed on 13 November raising \$997,109 and 199,421,669 New Shares and 66,474,022 listed options (exercisable at \$0.01 and expiring 4 November 2022) were issued. The shortfall under the Offer can be placed by 12 February 2020.

The Offer price of \$0.005 (0.5 cents) per share represented a 28% discount to the last traded price of White Rock shares and a 30% discount to the 15 day and a 34% discount to the one-month volume weighted average price of White Rock shares.

On 19 November, 4,750,007 fully paid ordinary shares were issued to Kentgrove Capital Growth Fund pursuant to a drawdown under the Equity Placement Facility announced to ASX on 13 December 2017 and approved at Annual General Meeting 8 November 2019, raising \$33,250.

On 19 November, 100,000,000 unlisted options to acquire fully paid ordinary shares were issued to the nominee of Cartesian Royalty Holdings Pte Ltd and 153,846,154 unlisted options were cancelled, pursuant to an options restructure and approved at Annual General Meeting 8 November 2019.

White Rock Minerals Ltd Tenement schedule for the quarter ended 31 December 2019

Country/State	Project	Tenement ID	Area
Australia/NSW	Mt Carrington	EL6273, MPL24, MPL256, MPL259, SL409, SL471, SL492, ML1147, ML1148, ML1149, ML1150, ML1200, MPL1345, ML5444, GL5477, GL5478, ML5883, ML6004, ML6006, ML6242, ML6291, ML6295, ML6335	183km ²
USA/Alaska	Red Mountain	ADL611355, ADL611356, ADL611362, ADL611364, ADL611366, ADL611371, ADL621625-621738 (114), ADL623325-623330 (6), ADL623337-623342 (6), ADL624104-624627 (524), ADL721002-721010 (9), ADL721029-721038 (10), ADL721533-721615 (83), ADL721624, ADL721625, ADL626740-626873 (134)	559km ²

Table 1: Tenement Schedule

The Mt Carrington Project comprises 22 Mining Leases and one Exploration Licence. All tenements are held 100% by White Rock (MTC) Pty Ltd, a wholly owned subsidiary of White Rock Minerals Ltd. No farm-in or farm-out agreements are applicable.

The Red Mountain Project comprises 894 Mining Claims. All tenements are held 100% by White Rock (RM) Inc., a wholly owned subsidiary of White Rock Minerals Ltd. The Red Mountain Project is subject to an Earn-in and Joint Venture Option Agreement⁷ with Sandfire Resources NL.

At Red Mountain 134 Mining Claims were acquired during the quarter. No other mining or exploration tenements were acquired or disposed of during the quarter.

¹ ZnEq = Zinc equivalent grades are estimated using long-term broker consensus estimates compiled by RFC Ambrian as at 20 March 2017 adjusted for recoveries from historical metallurgical test work and calculated with the formula: $ZnEq = 100 \times [(Zn\% \times 2,206.7 \times 0.9) + (Pb\% \times 1,922 \times 0.75) + (Cu\% \times 6,274 \times 0.70) + (Ag \text{ g/t} \times (19.68/31.1035) \times 0.70) + (Au \text{ g/t} \times (1,227/31.1035) \times 0.80)] / (2,206.7 \times 0.9)$. White Rock is of the opinion that all elements included in the metal equivalent calculation have reasonable potential to be recovered and sold.

² Refer ASX Announcement 25th March 2019 "WRM - Joint Venture Agreement signed with Sandfire Resources".

³ Refer ASX Announcement 26th April 2017 "Maiden JORC Mineral Resource, Red Mountain".

⁴ Refer ASX Announcement 28th January 2020 "Large Gold Anomaly Discovered, Tintina Gold Province, Alaska".

⁵ Refer ASX Announcement 4th November 2019 "Red Mountain – 21.6% Zinc Equivalent Grade intersected in 200m Depth Extension".

⁶ Refer ASX Announcement 27th December 2017 "Mt Carrington gold & silver Project Pre-feasibility Study confirms a financially robust Gold First Stage project".

⁷ Refer ASX Announcement 9th October 2017 "Improved Gold Resources at Mt Carrington Gold-Silver Project."

⁸ Refer ASX Announcement 1st October 2019 "White Rock Minerals - Entitlement Offer Prospectus."

REFERENCES

Freeman, L. K., Newberry, R. J., Werdon, M. B., Szumigala, D. J., Andrew, J. E. & Athey, J. E., 2016. Preliminary Digital Bedrock Geological Map Data of the Eastern Bonfield Mining District, Fairbanks and Healy Quadrangles, Alaska. Alaska Division of Geological & Geophysical Surveys Preliminary Interpretative Report 2016-03, 8p.

Competent Persons Statement

The information in this report that relates to exploration results is based on information compiled by Mr Rohan Worland who is a Member of the Australian Institute of Geoscientists and is a consultant to White Rock Minerals Ltd. Mr Worland has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Worland consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

No New Information or Data

This announcement contains references to exploration results, Mineral Resource estimates, Ore Reserve estimates, production targets and forecast financial information derived from the production targets, all of which have been cross-referenced to previous market announcements by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements. In the case of Mineral Resource estimates, Ore Reserve estimates, production targets and forecast financial information derived from the production targets, all material assumptions and technical parameters underpinning the estimates, production targets and forecast financial information derived from the production targets contained in the relevant market announcement continue to apply and have not materially changed.

For more information about White Rock and its Projects, please visit www.whiterockminerals.com.au

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About White Rock Minerals

White Rock Minerals is a diversified explorer and near-stage producer, headquartered in Ballarat, Victoria. The company's flagship exploration project is Red Mountain in central Alaska, where it has an earn-in joint venture arrangement with Sandfire Resources. At Red Mountain, there are already two high grade deposits, with an Inferred Mineral Resource⁶ of **9.1 million tonnes @ 12.9% ZnEq⁷** for 1.1 million tonnes of contained zinc equivalent. The Mt Carrington project, located near Drake, in Northern NSW, is a near-production precious metals asset with a resource⁵ of 341,000 ounces of gold and 23.2 million ounces of silver. White Rock Minerals is listed on the **ASX:WRM**.

Appendix 5B

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

Name of entity

WHITE ROCK MINERALS LTD

ABN

64 142 809 970

Quarter ended ("current quarter")

31 December 2019

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (6months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers		
1.2 Payments for		
(a) exploration & evaluation (if expensed)	(1,756)	(5,115)
(b) development	(12)	(23)
(c) production		
(d) staff costs	(136)	(274)
(e) administration and corporate costs	(261)	(553)
1.3 Dividends received (see note 3)		
1.4 Interest received	4	9
1.5 Interest and other costs of finance paid		
1.6 Income taxes paid		
1.7 Government grants and tax incentives (R&D refund)	0	246
1.8 Other (provide details if material)		
1.9 Net cash from / (used in) operating activities	(2,161)	(5,710)

2. Cash flows from investing activities		
2.1 Payments to acquire:		
(a) entities		
(b) tenements	(60)	(60)
(c) property, plant and equipment		
(d) exploration & evaluation (if capitalised)		
(e) investments		
(f) other non-current assets		

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

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment		
	(d) investments		
	(e) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other (Red Mountain Project Earn In & Joint Venture Contribution)	238	2,943
2.6	Net cash from / (used in) investing activities	178	2,883

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	1,030	1,030
3.2	Proceeds from issue of convertible debt securities		
3.3	Proceeds from exercise of options		
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(54)	(54)
3.5	Proceeds from borrowings		
3.6	Repayment of borrowings	(283)	(283)
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (provide details if material)		
3.10	Net cash from / (used in) financing activities	693	693

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	3,050	3,894
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(2,161)	(5,710)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	178	2,883
4.4	Net cash from / (used in) financing activities (item 3.10 above)	693	693

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

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (6months) \$A'000
4.5	Effect of movement in exchange rates on cash held		
4.6	Cash and cash equivalents at end of period	1,760	1,760

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	1,760	3,050
5.2	Call deposits		
5.3	Bank overdrafts		
5.4	Other (provide details)		
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	1,760	3,050

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

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

Current quarter \$A'000
126
Nil

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

Remuneration to Directors

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

7. Financing facilities		Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
<i>Note: the term "facility" includes all forms of financing arrangements available to the entity.</i>			
<i>Add notes as necessary for an understanding of the sources of finance available to the entity.</i>			
7.1	Loan facilities	Nil	Nil
7.2	Credit standby arrangements	Nil	Nil
7.3	Other (please specify)	Nil	Nil
7.4	Total financing facilities	Nil	Nil
7.5	Unused financing facilities available at quarter end		Nil
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (Item 1.9)	2,128
8.2 Capitalised exploration & evaluation (Item 2.1(d))	0
8.3 Total relevant outgoings (Item 8.1 + Item 8.2)	2,128
8.4 Cash and cash equivalents at quarter end (Item 4.6)	1,760
8.5 Unused finance facilities available at quarter end (Item 7.5)	0
8.6 Total available funding (Item 8.4 + Item 8.5)	1,760
8.7 Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	0.8
8.8 If Item 8.7 is less than 2 quarters, please provide answers to the following questions:	
1. Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer: Reduced cashflow due to reduced Exploration over Winter season in Alaska	
2. Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer: Shortfall under 2019 Entitlement Offer is available to be placed by 13 February 2020. Currently in a Joint Venture to fund Alaskan exploration in 2020.	
3. Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
Answer: Yes. Funds on hand should be sufficient to fund planned operations of next two quarters.	

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 30 January 2020

Authorised by: Shane Turner (Company Secretary/Chief Financial Officer)
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.