

ASX Release: 30 October 2017

Quarterly Activities Report - for the Quarter ended 30 September 2017

ASX Code: WRM

Issued Securities

Shares: 871.7 million
Options: 181.4 million

Cash on hand (30 Sept 2017)
\$2.3M

Market Cap (as at 27 October 2017)
\$13M at \$0.015 per share

Directors & Management

Brian Phillips
Non-Executive Chairman

Matthew Gill
Managing Director &
Chief Executive Officer

Ian Smith
Non-Executive Director

Peter Lester
Non-Executive Director

Rohan Worland
Exploration Manager

Shane Turner
CFO & Company Secretary

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Mt Carrington Gold-Silver Development Project

During the Quarter, White Rock has continued to progress work that contributes to the Mt Carrington gold – silver Project Definitive Feasibility Study (DFS) and Environmental Impact Statement (EIS). Work has been focused on the Stage One Gold First Pre-Feasibility Study (PFS), mining the two main gold resources at Strauss and Kylo initially. This focus has included the necessary technical studies, covering geology (including an updated Mineral Resource and Ore Reserve), geotechnical and open pit mine design, mine planning and sequencing and definitive metallurgical test work to lock down the optimum flow sheet and plant design.

As part of the PFS technical studies, the Company announced a revised Mineral Resource estimate for Strauss and Kylo (ASX Announcement 9 October 2017). The updated Mineral Resource has seen a significant and positive improvement in material classified as Indicated with tonnages increased by 44%, the gold grade improved by 10% and contained gold ounces increased by 62% and a corresponding decrease in material classified as Inferred.

Strauss-Kylo Gold Deposit Mineral Resource Estimate - September 2017						
Category	Deposit	Tonnes	Au (g/t)	Au (oz)	Ag (g/t)	Ag (oz)
Indicated	Strauss	2,070,000	1.5	103,000	1.7	115,000
	Kylo	2,010,000	1.3	85,000	1.4	92,000
Indicated	Sub-Total	4,080,000	1.4	188,000	1.6	207,000
Inferred	Strauss	380,000	1.7	21,000	2.4	30,000
	Kylo	30,000	1.1	1,000	1.5	2,000
Inferred	Sub-Total	410,000	1.7	22,000	2.3	31,000

Table 1: Mt Carrington – Strauss and Kylo September 2017 Mineral Resource Estimate at a 0.5g/t Au cut-off.

The combined Mineral Resources for all deposits at Mt Carrington now total 225,000oz gold and 8.5Moz silver classified as Indicated and 116,000oz gold and 14.8Moz silver classified as Inferred (refer ASX Announcements by White Rock Minerals Ltd on 13 February 2012, 11 July 2013, 20 November 2013 and 9 October 2017 and the ASX Announcement by Rex Minerals Ltd on 10 December 2008).

MD & CEO Matt Gill said “The Feasibility Study team has been working away since early 2017 and this work is now starting to come together nicely. The two initial priorities for the feasibility study were to upgrade the Mineral Resources in accordance with the JORC Code (2012) and to conduct definitive metallurgical test work needed to lock down the preferred gold and silver recoveries flow sheet and plant design. These activities support the strategic mine planning, open pit sequencing and optimisation that will then proceed in order to report an Ore Reserve that can be reported in accordance with the JORC Code (2012).

With the completion of an updated Mineral Resource estimate delivering a significant increase in higher confidence Indicated classification ounces for the first two deposits to be mined – Strauss and Kylo – the Company is now well poised to deliver a maiden Ore Reserve and Pre-Feasibility Study Report in the coming weeks.”

Mineral Resource Estimate Update for the two gold deposits – Strauss and Kylo

The Mineral Resource estimate was completed by independent resource and mining consultants, Mining Plus Pty Ltd (“Mining Plus”). The scope of work completed by Mining Plus involved a review of the QAQC protocols, mineralisation wireframe review and generation and estimation of the Mineral Resource in accordance with the JORC Code (2012). This Mineral Resource estimate is an update to the Mineral Resource estimate completed by Ravensgate in 2012 (refer ASX announcement 13 February 2012). Only a limited number of drill holes have been completed by the company since the Ravensgate Mineral Resource estimate with the results from these holes incorporated into this update.

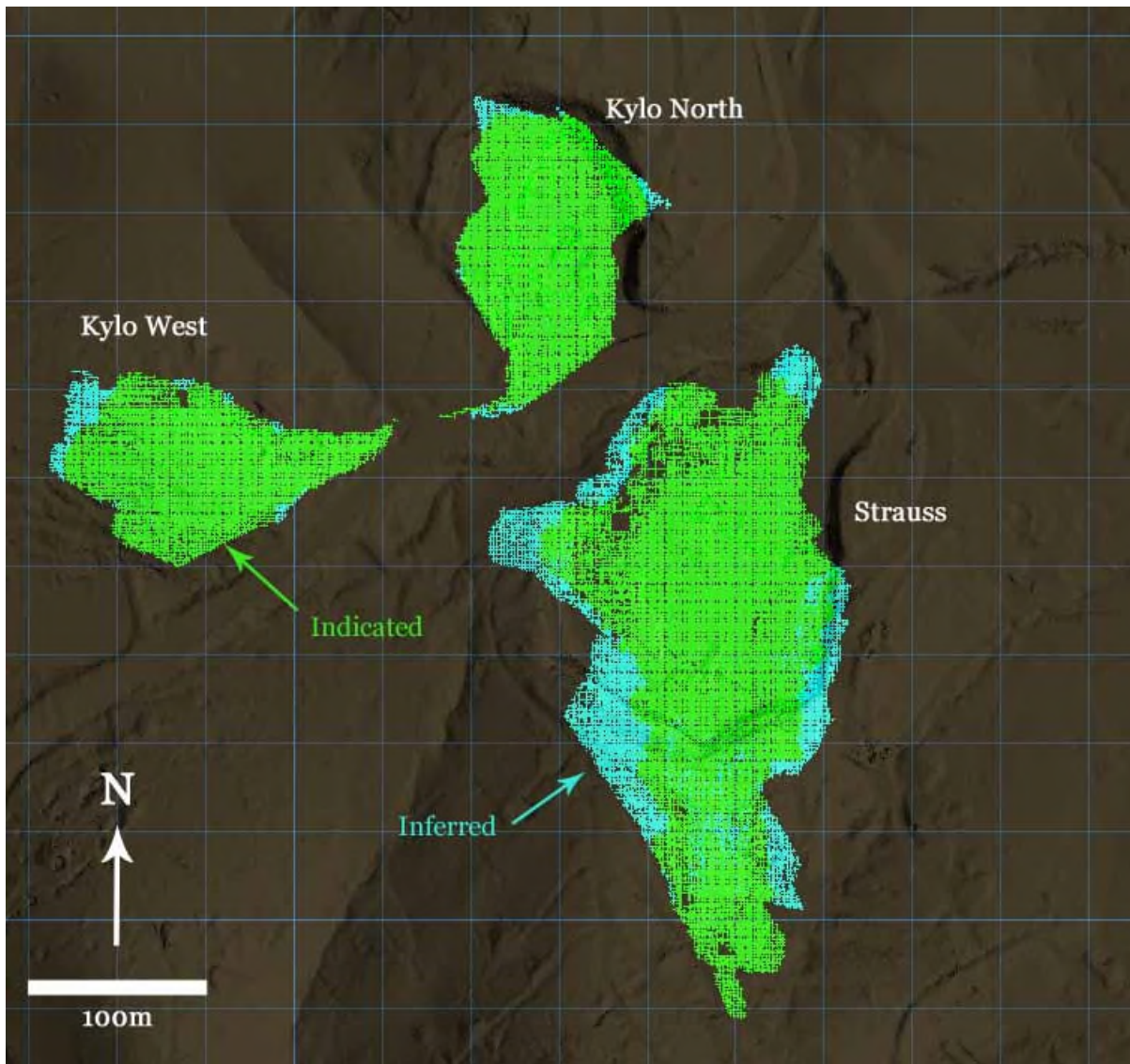


Figure 1: Plan view of the Mineral Resource block model for Strauss and Kylo with topographic surface.

2017 Feasibility Study – Update on progress

In early 2017 work commenced on progressing the Mt Carrington gold and silver Scoping Study to Definitive Feasibility Study (DFS) level. Six consultancies were engaged to complete studies to feasibility standard, with the Feasibility Study scope of work covering an updated Mineral Resource and maiden Ore Reserve, geotechnical and open pit mine design, mine planning and sequencing and metallurgical test work looking at the responses to the treatment of both combined and separate gold and silver mill feeds.

Work during 2017 has also focused on the engineering layout and design of a possible processing plant, depending on the preferred metallurgical flow sheet selected, and the necessary tailings storage facility design and site water management requirements.

Environmental, regulatory and social licence studies commenced and background baseline studies of flora, fauna and water continued.

The completion of an updated Mineral Resource was the first critical step required to frame the subsequent feasibility studies.

The second critical step related to metallurgical test work to identify the optimum gold and silver recovery processing route. A comprehensive first round of metallurgical test work has now been performed, on six drill hole composite samples representing the various mineralogy styles of gold and silver that will be processed. This test work covered the two gold dominant deposits (Strauss and Kylo), the silver dominant deposit (White Rock) and the Lady Hampden deposit (gold and silver). Test work included a detailed mineralogy analysis, comminution (rock grinding test work to determine the ore's physical properties) and gravity, flotation and cyanide leaching test work.

Results from this test work have confirmed the previous test work results around the likely gold recoveries that can be expected from a crush – grind – flotation – CIL circuit. However, the first round of test work also showed that removing the flotation process step for the gold deposits resulted in improved gold recoveries and therefore potentially better economic returns. Consequently, a second round of test work has commenced to confirm the improved gold recoveries from this alternate flow sheet. The opportunity for an improved gold recovery process, coupled with the requirement to conduct further mineralogy and flow sheet test work for the silver ores, has directed the Feasibility Study team to focus on completing a Stage One Gold First Study (the Scoping Study always contemplated that the gold deposits would be mined first).

In concert with optimisation of the metallurgical flow sheet for the gold deposits, technical studies are now rapidly progressing through mine design, scheduling, processing plant engineering design, Tailings Storage Facility (TSF) design and water management planning, with estimates for operating and capital costs being refined as design work is completed.

A Stage One Gold First Pre-Feasibility Study (PFS) including a Reserve statement in accordance with the JORC Code (2012) is anticipated before the end of 2017.

In addition to the technical studies, detailed work relating to long lead time baseline studies critical to the preparation of the Project's Preliminary Environmental Assessment (PEA) and final EIS are ongoing. Once the technical studies are completed to a Pre-Feasibility level of confidence (PFS), White Rock will be able to move to the DFS stage in parallel with formally commencing the permitting process.

Red Mountain Zinc-Silver-Lead-Gold VMS Project

Red Mountain is a globally significant advanced exploration project centred on an established volcanogenic massive sulphide (“VMS”) district in Alaska where there are already two significant zinc-silver-lead-gold-copper deposits; Dry Creek and West Tundra Flats (ASX Announcement 15 February 2016). The Red Mountain Project is located in central Alaska, 100km south of Fairbanks, in the Bonnifield Mining District. Following a review of the potential of the Bonnifield Mining District by recognised experts in their field, White Rock established a strategic land package of 224 mining claims over a total area of 143km², where 30 conductivity targets with similar signatures to the Dry Creek and West Tundra Flats deposits were identified (ASX Announcement 13 September 2016).

During the Quarter, White Rock commenced planning for a full season of field activities in 2018. Field activities being considered would focus on expanding the known mineralisation at Dry Creek and West Tundra Flats, where the Company earlier announced a maiden high grade Inferred Mineral Resource estimate of 9.1 million tonnes @ 12.9% ZnEq¹, contained within a total Inferred Mineral Resource of 16.7 million tonnes @ 8.9% ZnEq¹ (ASX Announcement 26 April 2017).

In addition, field work could also include advancing the knowledge base on the 30 lookalike targets already identified from earlier desktop studies of historical exploration work, with a possible field work program including airborne EM, surface geochemistry and ground geophysics, prior to drill testing the highest priority targets also during 2018.

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 and calculated with the formula:

$$\text{ZnEq} = 100 \times \left[\frac{(\text{Zn}\% \times 2,206.7 \times 0.9) + (\text{Pb}\% \times 1,922 \times 0.75) + (\text{Cu}\% \times 6,274 \times 0.70) + (\text{Ag g/t} \times (19.68/31.1035) \times 0.70) + (\text{Au g/t} \times (1,227/31.1035) \times 0.80)}{(2,206.7 \times 0.9)} \right]$$

White Rock Minerals Ltd Tenement schedule for the quarter ended 30 September 2017

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), ADL721002-721010 (9), ADL721029-721038 (10), ADL721533-721615(83), ADL721624, ADL721625	143km ²

Table 2: Mt Carrington 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 224 Mining Claims. All tenements are held 100% by White Rock (RM) Inc., a wholly owned subsidiary of White Rock Minerals Ltd. No farm-in or farm-out agreements are applicable.

No New Information or Data

This announcement contains references to exploration results and Mineral Resource estimates, 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 and in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

Appendix 5B

Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13, 01/09/16

Name of entity

WHITE ROCK MINERALS LTD

ABN

64 142 809 970

Quarter ended ("current quarter")

30 September 2017

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (3months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers		
1.2 Payments for		
(a) exploration & evaluation	(218)	(218)
(b) development	(449)	(449)
(c) production		
(d) staff costs	(137)	(137)
(e) administration and corporate costs	(204)	(204)
1.3 Dividends received (see note 3)		
1.4 Interest received	14	14
1.5 Interest and other costs of finance paid		
1.6 Income taxes paid		
1.7 Research and development refunds		
1.8 Other (provide details if material)		
1.9 Net cash from / (used in) operating activities	(994)	(994)

2. Cash flows from investing activities		
2.1 Payments to acquire:		
(a) property, plant and equipment	(3)	(3)
(b) tenements (see item 10)		
(c) investments/government bonds		
(d) other non-current assets		

Mining exploration entity and oil and gas exploration entity quarterly report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment		
	(b) tenements (see item 10)		
	(c) investments		
	(d) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other (provide details if material)		
2.6	Net cash from / (used in) investing activities	(3)	(3)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of shares		
3.2	Proceeds from issue of convertible notes		
3.3	Proceeds from exercise of share options		
3.4	Transaction costs related to issues of shares, convertible notes or options		
3.5	Proceeds from borrowings		
3.6	Repayment of borrowings		
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (provide details if material)		
3.10	Net cash from / (used in) financing activities	-	-

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	3,288	3,288
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(994)	(994)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(3)	(3)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	-
4.5	Effect of movement in exchange rates on cash held		
4.6	Cash and cash equivalents at end of period	2,291	2,291

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	2,291	2,284
5.2 Call deposits	-	1,004
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)	2,291	3,288

6. Payments to directors of the entity and their associates	Current quarter \$A'000
6.1 Aggregate amount of payments to these parties included in item 1.2	136
6.2 Aggregate amount of cash flow from loans to these parties included in item 2.3	Nil
6.3 Include below any explanation necessary to understand the transactions included in items 6.1 and 6.2	

Remuneration to Directors

7. Payments to related entities of the entity and their associates	Current quarter \$A'000
7.1 Aggregate amount of payments to these parties included in item 1.2	Nil
7.2 Aggregate amount of cash flow from loans to these parties included in item 2.3	Nil
7.3 Include below any explanation necessary to understand the transactions included in items 7.1 and 7.2	

Mining exploration entity and oil and gas exploration entity quarterly report

8. Financing facilities available <i>Add notes as necessary for an understanding of the position</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
8.1 Loan facilities	Nil	Nil
8.2 Credit standby arrangements	Nil	Nil
8.3 Other (please specify)	Nil	Nil
8.4 Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.		

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9. Estimated cash outflows for next quarter	\$A'000
9.1 Exploration and evaluation	300
9.2 Development	350
9.3 Production	
9.4 Staff costs	150
9.5 Administration and corporate costs	150
9.6 Other (provide details if material)	
9.7 Total estimated cash outflows	950

10. Changes in tenements (items 2.1(b) and 2.2(b) above)	Tenement reference and location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter
10.1 Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced				
10.2 Interests in mining tenements and petroleum tenements acquired or increased				

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.

Sign here:


(Director/Company secretary)

Date: 30 OCTOBER 2017

Print name: SHANE TURNER

Notes

1. The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.
2. If this quarterly 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 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.