

28 October 2021

ASX RELEASE

Quarterly Activities and Cash Flow Reports

for the Quarter ended 30 September 2021

HIGHLIGHTS

- MinRex continues its systematic and targeted exploration over its Lachlan Fold Belt (NSW) projects, including:
 - Receipt of promising drilling results from maiden first pass drill program at Wiles Gold Prospect, including 13m @ 1.60 g/t Au, with mineralisation at surface and gold loads extending +300m in strike and open in all directions.
 - Reinterpretation of historical IP survey over Spring Gully Gold Prospect resulting in significant chargeable (detects sulphides) and resistive (detects quartz/silica zones) anomalies, unlocking potential to grow existing Spring Gully resource (9.48Mt at 1.06 g/t Au containing 232Koz Gold).
 - Total Sofala Gold Project resources increased to 352,000 oz Gold with addition of Surface Hill resource (yielding 808Kt at 1.09 g/t Au containing 28Koz Gold).
 - Exercise of Sunny Corner Option and commencement of farm-in to exploration area of Sunny Corner Gold-Silver-Copper Project (EL5964).
 - Planning for RC drill program over Queenslander Gold Prospect completed, with program to commence in late October 2021.
- MinRex re-commences exploration at its East Pilbara (WA) projects, including:
 - Historical data review over Daltons Gold-Silver-Copper Project identifying 15 priority targets for further on-ground reconnaissance.
 - Historical data review over Bamboo Creek Gold-Silver-Copper Project unlocking 10 priority geophysical targets to test areas historically underexplored at depth.
- The Company remains well funded with \$1.97 million in cash at the end of the quarter.

MinRex Resources Limited (ASX: MRR) (“MinRex” or “the Company”) is pleased to provide the following report on its activities during the September 2021 quarter. The Company's primary focus was to complete its RC drilling campaign over the Wiles Gold Prospect and reinterpret the ground IP surveys over the Spring Gully Gold Deposit within the Sofala Gold Project. Due to the COVID-19 situation in NSW, the Company also re-commenced exploration at its East Pilbara Gold/Copper projects in Western Australia.

NEW SOUTH WALES

Sofala Gold Project – Wiles Drilling Program

The Wiles Gold Prospect is a recently discovered orogenic gold deposit on strike of the Big Oakey Fault between Whalans Hill. During June 2021, 14 RC holes for 794m were completed aimed at increasing geological confidence in the distribution of the gold from a previous drilling campaign and to test the high-grade gold soil sampling results in the southern and the north-western zone. The final drill assays confirmed gold mineralisation was at the surface or within top 20m, with some gold loads extending +300m in strike and most loads open in all directions.

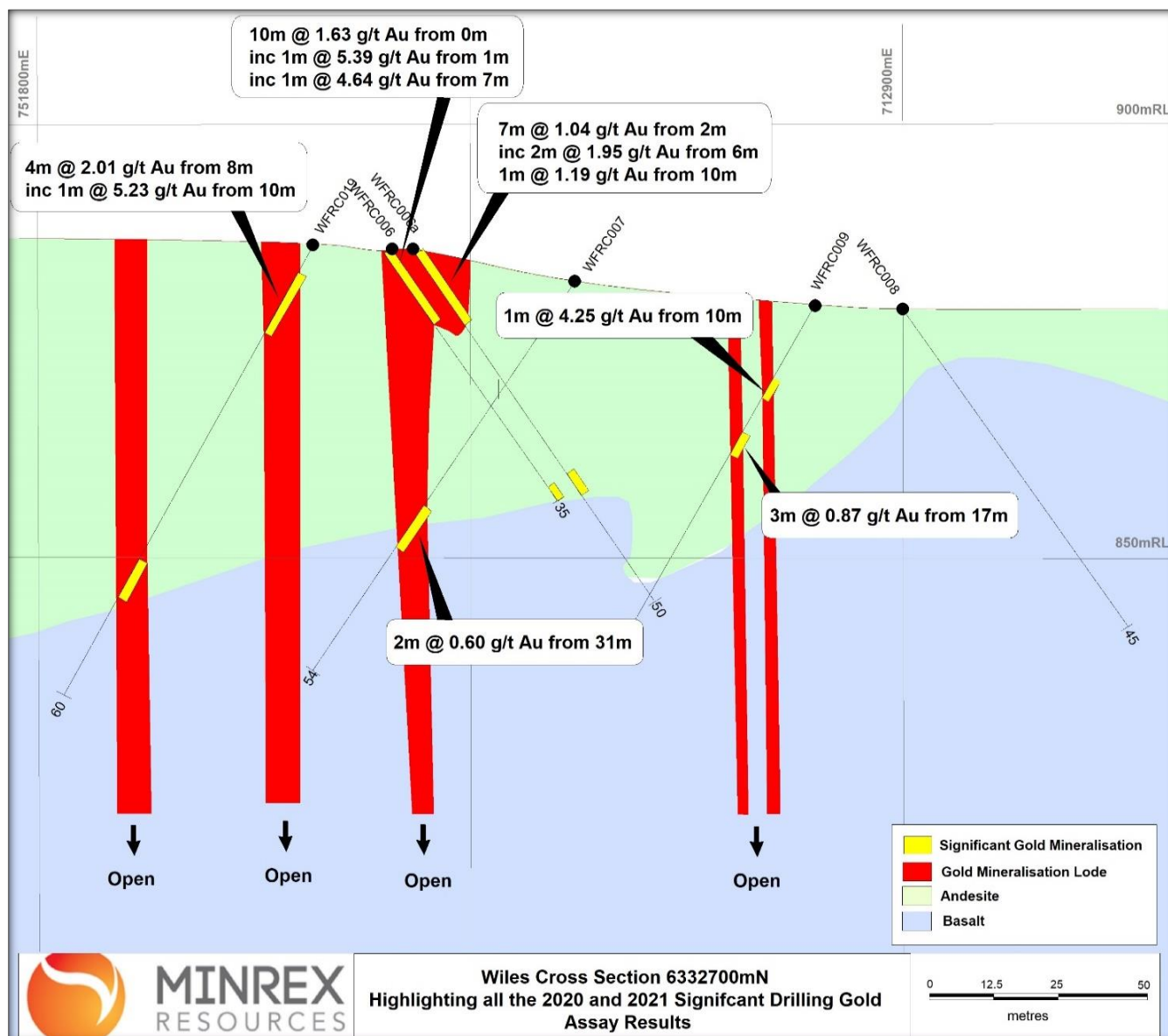


Figure 1: Cross Section Highlighting Significant Results with Interpreted Gold Lodes

The structurally controlled gold mineralisation is hosted in quartz ± carbonate veins/multiple veins / stockworks, with minor pyrite. The sulphides occur as disseminations in the altered country rock, within veins and veinlets, and as fracture coatings. The veining is mostly accompanied by moderate to intense siderite and minor fuchsite alteration of the volcanics and volcanoclastics.

Table 1: Significant Gold Intersection from 2021 RC Drilling Program (cut-off grade >0.5 g/t Au)

Hole Id	From (m)	To (m)	Interval (m)	Gold Grade (g/t)
WFR006a including	2	9	7	1.04
	6	8	2	1.95
	10	11	1	1.19
WFR007	31	33	2	0.60
WFR009	10	11	1	4.25

	17	20	3	0.87
WFRC010	4	5	1	0.93
Hole Id	From (m)	To (m)	Interval (m)	Gold Grade (g/t)
WFRC011	14	15	1	0.66
WFRC013	3	5	2	1.68
WFRC017	14	15	1	1.60
	27	30	3	1.17
WFRC019 including	5	7	2	0.62
	8	12	4	1.54
	10	11	1	3.35
WFRC024	45	47	2	0.54
	26	28	2	0.65
WFRC026	46	48	2	2.30
	17	18	1	1.42
WFRC-P02	15	17	2	0.92
WFRC-P06 including	0	13	13	1.59
	9	13	4	3.40

Sofala Gold Project – Spring Gully IP Results

The IP inversion results over Spring Gully showed three main anomalous areas of resistivity and chargeability. These have been simply called Eastern, Central and Western zones and are displayed along with interpreted structures and drilling coloured to gold grade in Figure 2. All remain untested by drilling and represent excellent target areas for follow-up exploration.

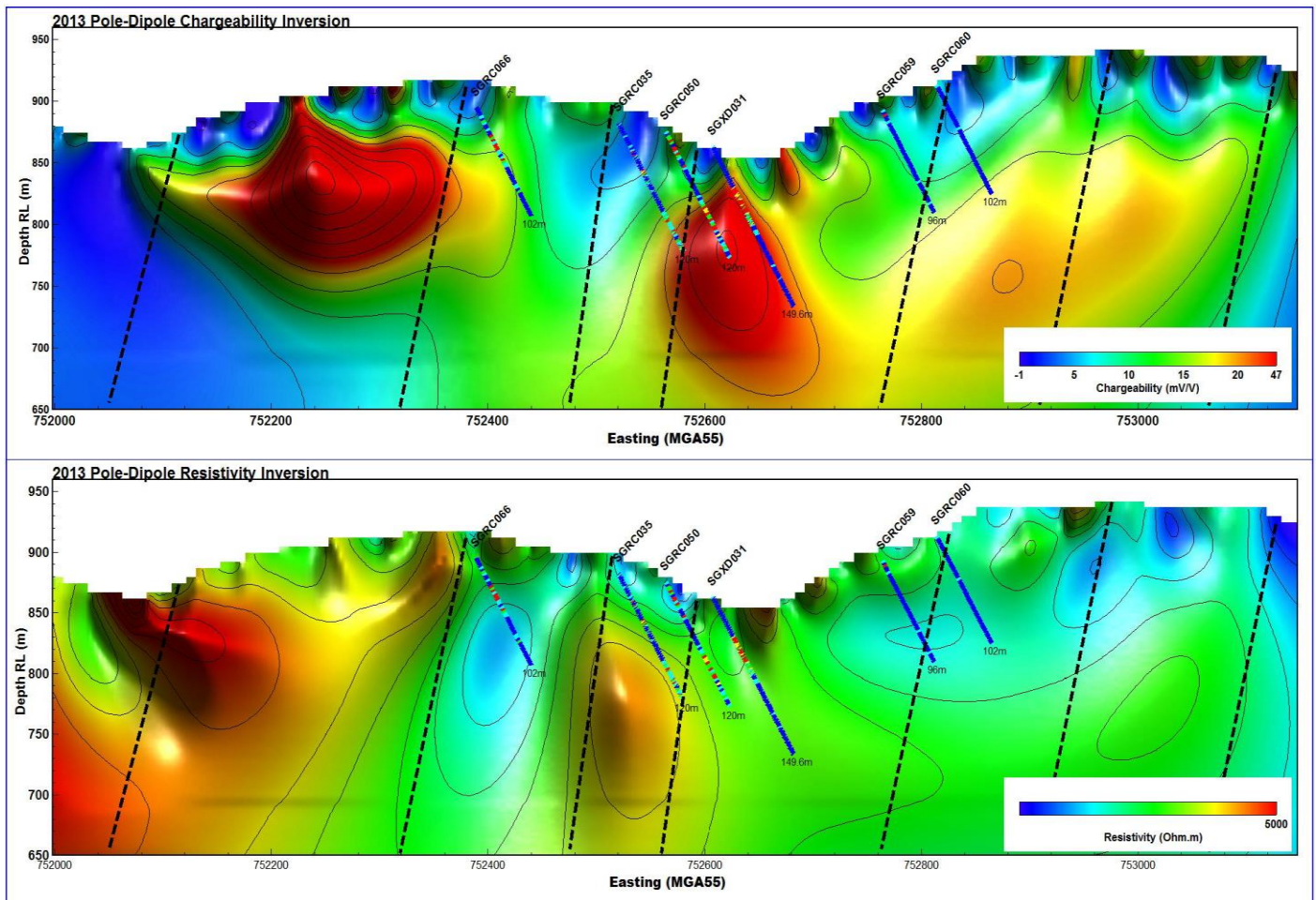


Figure 2: 2013 IP Traverse Anomalies with Historical Drilling (dash black lines are structures)

Sofala Gold Project – Granting of Mt Pleasant Project Area

The Mt Pleasant licence (EL 9266) was granted to the Company on 19th August 2021 by the NSW Mines Department. The project is located approximately 30km south of Mudgee in central west NSW and has a total area of 167 sqkm. From 1975 to 1982, CSR Limited and Pacminex Pty Limited completed 47 Diamond Holes 47 for 14,986m and 9 Percussion Holes for another 996m. In total there has been over 15,897m completed just over the Mt Pleasant prospect. Other exploration programs include ground geophysics, geological mapping, stream sediment and rock chip sampling.

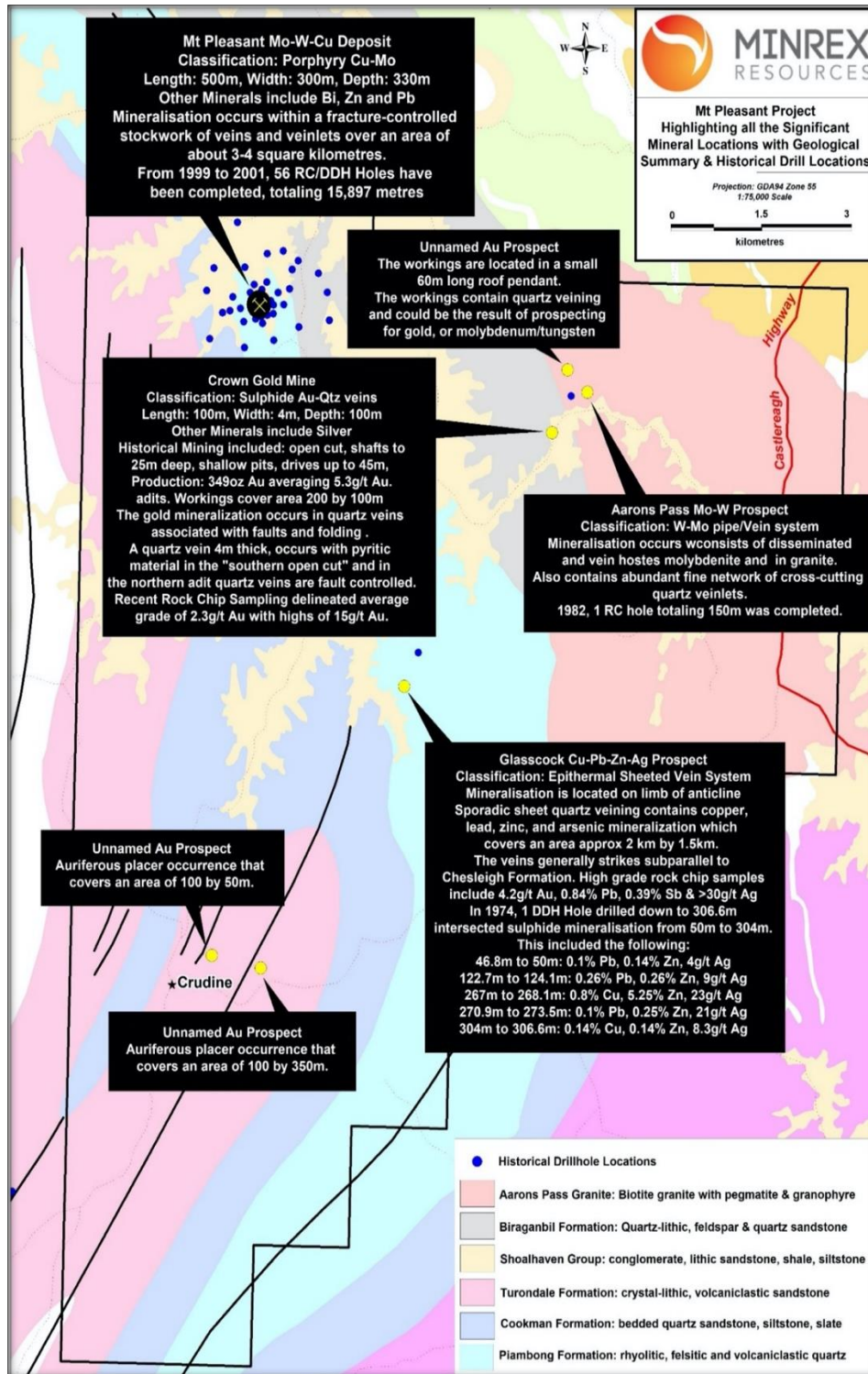


Figure 3: Mt Pleasant Project Area Highlighting Brief Geological Summary over Mineralised Areas

Sofala Gold Project – Drilling to commence at Queenslander Project

During the Quarter, the Company completed its planning for a maiden RC drilling program at the Queenslander Project, which is expected to commence in late October 2021. The drill program is designed to test the down dip and strike extension of the gold mineralisation from the Queenslander Gold Mine. The Queenslander Gold Mine was first discovered in 1888 and worked until 1935 on a small scale. Total tonnage mined was in excess of 7,011t producing 3,696 oz Au averaging 6 g/t Gold.

WESTERN AUSTRALIA

Daltons Project

The Daltons Project forms part of MinRex's Western Australian project portfolio along with its Deflector Extended, Bamboo Creek and Marble Bar Projects. The Daltons gold workings can be traced for about **1,500m strike length**, with the main quartz lode marked by workings for about 700m with the maximum width of up to 10m and the strike of 340-350°.

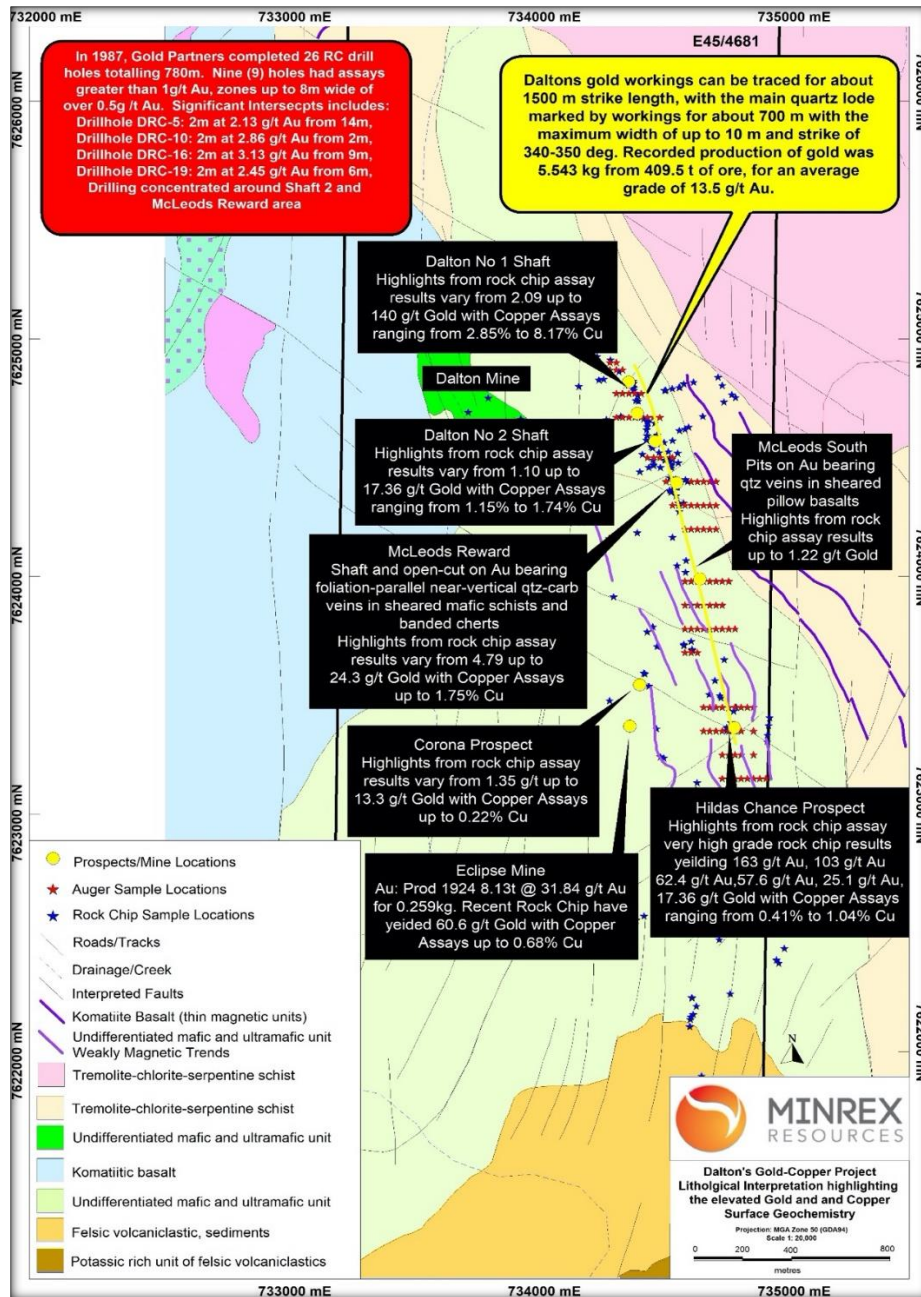


Figure 4: Location Map Showing Interpreted Lithological Units with the Locations of the Surface

In 2018, MinRex collected 60 rock samples from the old mine workings, spoil piles and outcropping quartz veins. The samples were analysed for a total of 20 elements at Bureau Veritas in Perth. The outstanding assay results were in the gold and copper assays which were up to **163 g/t Au, 26.6 g/t Ag and 8.17%**

Cu, with the average grade of all 60 samples being **9.9 g/t Au** and **0.49% Cu**, and 19 of the 60 samples assaying over **1.0 g/t Au**.

In 2020, new aeromagnetic survey data was used to complete a first pass interpretation over the project. The current gold discoveries appear to be confined to a zone proximal to a NS fault/shear (South Daltons Fault) that trends closer to the eastern survey boundary. Base and precious metal targeting is limited to favourable structural intercepts. The 15 target areas selected outlines are illustrated on Figure 5.

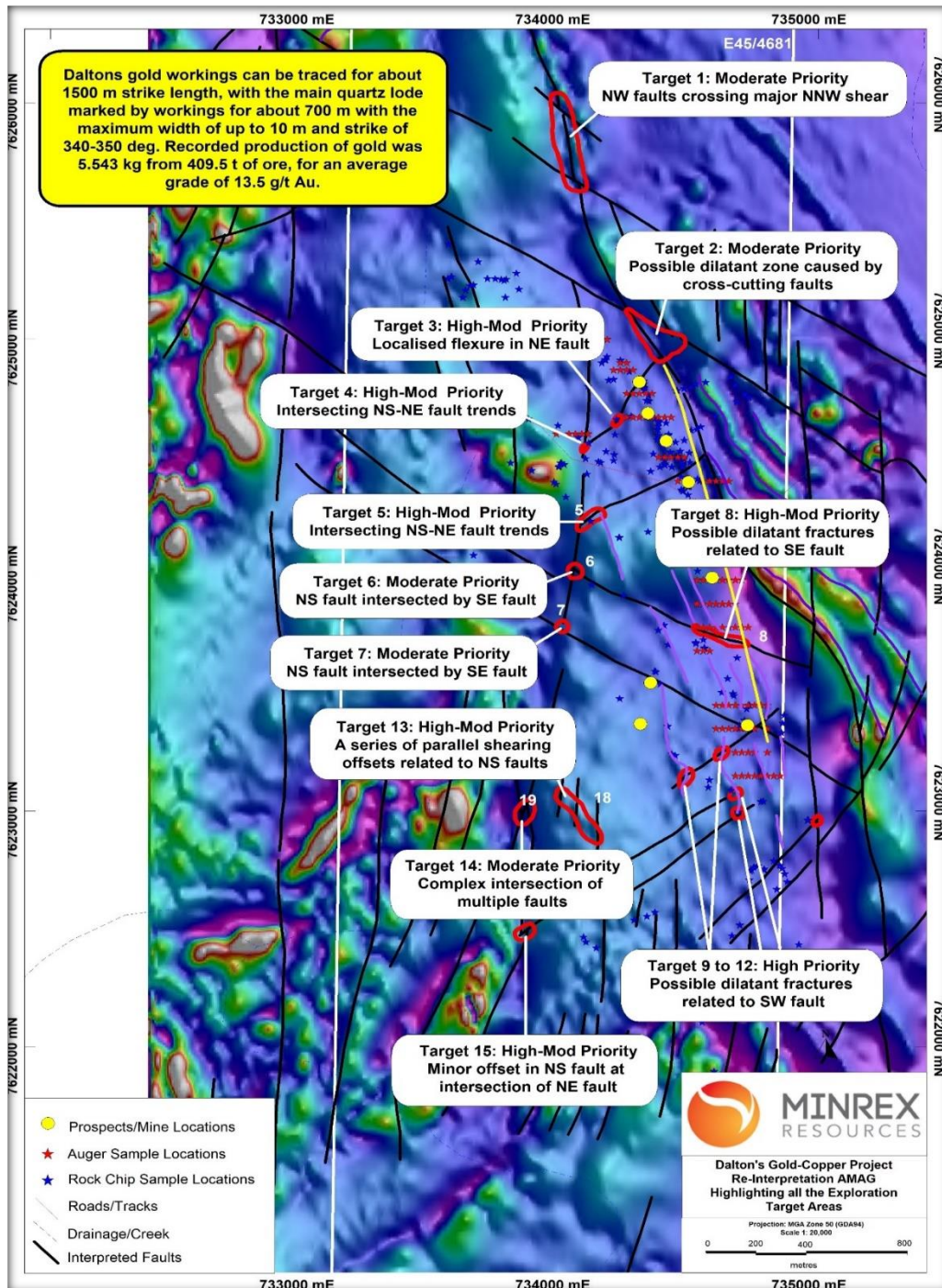


Figure 5: Daltons Project area highlighting the 15 geophysical targets defined from AMAG survey

Bamboo Creek Project

The Bamboo Creek Project (E45/4853 & E45/4560 – total area 79.9 sqkm) is located 50 km north-east of Marble Bar in the East Pilbara region of Western Australia. The Project holds some highly prospective prospects which are summarised below.

Reconnaissance rock chip sampling in 2008 at Norm's Find identified a 400m long shear zone with outcropping copper mineralisation. Very high-grade copper, gold and silver (and lesser molybdenum) grades were returned from samples CG208 (**8.22 g/t gold, 152.6 g/t silver and 12% copper**) and CG213 (**2.28 g/t gold, 478.5 g/t silver and 26.6% copper**) (Table 1 & 4). Follow up rock chip sampling by Metal Bank in 2012 returned exceptional multi-commodity assays from sample SE006 assayed **30.8 g/t gold, 154 g/t silver and 6.54% copper**. Other samples from this prospect returned anomalous results, including one sample (BCX025) which returned grades of **16.3% copper, 4.27 g/t gold, & 251 g/t silver**. This zone has been earmarked as a high priority for a more intensive sampling campaign.

In 2020, new aeromagnetic survey data was used to complete a first pass interpretation over the project tenements. The 10 target areas selected outlines are illustrated on Figure 6 The area is dominated by granitoids with mafic rocks evident in the north and northeast extremities, with an abundance of structures and late-stage dykes.

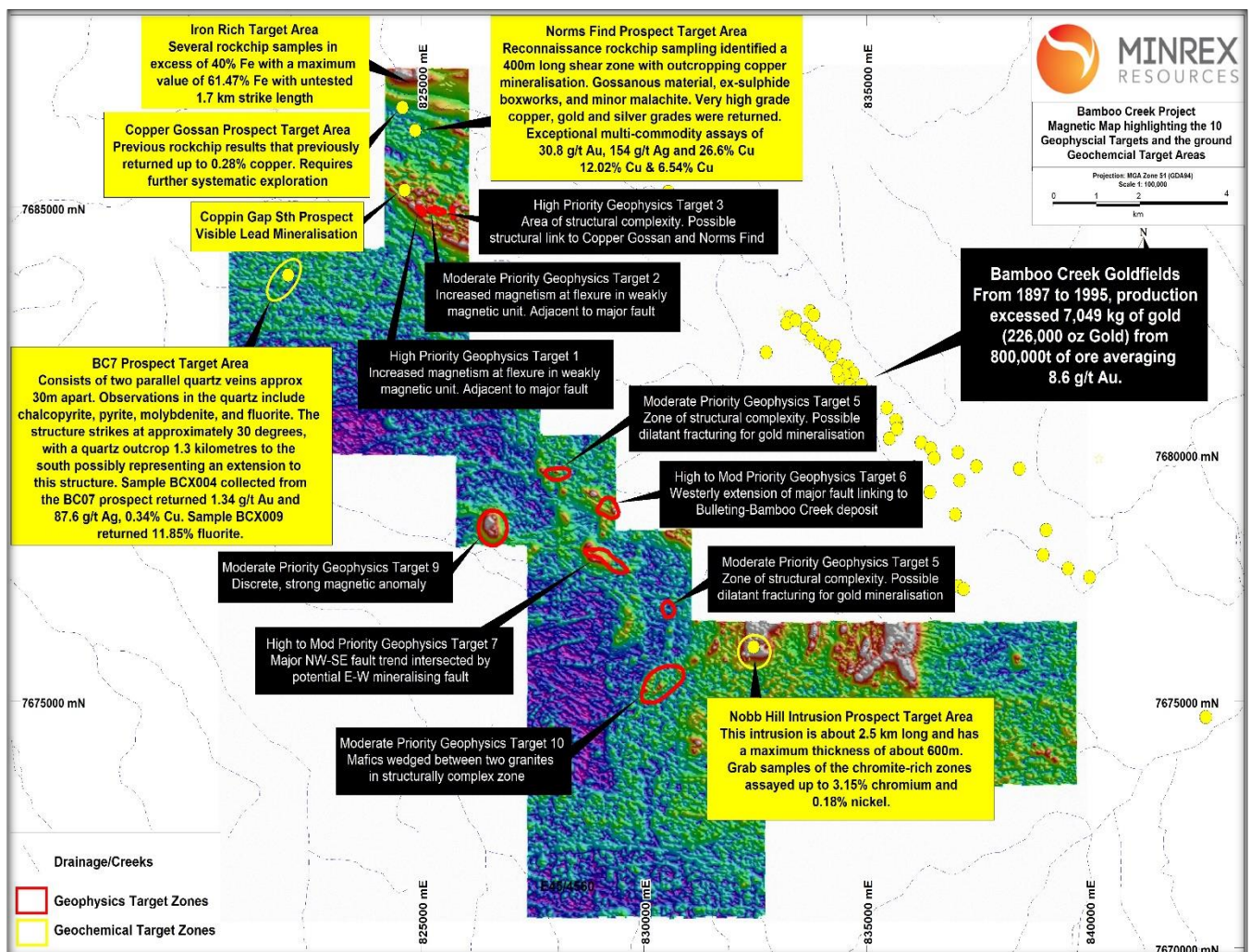


Figure 6: Bamboo Creek Project Area Highlighting Geochemical Assay Results over Project and 10 Geophysical Targets defined

CORPORATE

Sunny Corner Farm-in Option

During the quarter, MinRex formally exercised its Sunny Corner farm-in option as part of its strategy to further expand the Company's project portfolio. MinRex elected to exercise its option based on the significant exploration potential offered by known and prospective polymetallic mineralisation (including gold, silver, copper, lead, zinc, and molybdenum). The Company also formally signed the farm-in and joint venture agreements with the project owners. MinRex will have the right to earn a 90% interest in the exploration area of EL 5964 by spending \$1.5 million on exploration expenditure within 3 years.

Issues of Securities

During the Quarter, the Company agreed, subject to shareholder approval, to grant 5,000,000 performance rights to Non-Executive Director, George Karageorge, as part of the remuneration package agreed with Mr Karageorge. The performance rights will be granted on the same terms as the Company's existing performance rights on issue.

On 21 July 2021 the Company issued 5,000,000 shares (at deemed price of \$0.02) to Argent Minerals Ltd as part of the fee due on exercise of the Sunny Corner Option.

Subsequent to the Quarter end, on 20 October 2021, the Company issued 1,250,000 shares (at a deemed price of \$0.016) to acquire Mogul Mining Pty Ltd, the owner of the White Springs Project (ELA 45/5823).

As at the date of this report the Company has 584,387,055 shares, 137,523,170 unlisted options and 17,000,000 performance rights, on issue.

Cashflows for the Quarter

Attached to this report is the Appendix 5B containing Company's cash flow statement for the quarter. The significant cashflows relating to the quarter included \$349k spent on exploration and evaluation expenditure (June '21 Quarter \$101k) and \$112k administration and corporate cost (June '21 Quarter \$149k), of which \$128k related to the payments made to related parties, also noted under section 6.1 of Appendix 5B, for directors' fees and consulting fees paid during the quarter.

As of 30 September 2021, the Company had available cash of \$1.97 million.

This ASX announcement has been authorised for release by the Board of MinRex Resources Limited.

-ENDS-

For further information, please contact:

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MinRex Resources Limited
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Competent Persons Statements:

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Pedro Kastellorizos. Mr. Kastellorizos is the Chief Executive Officer of MinRex Resources Limited and is a Member of the AusIMM and has sufficient experience relevant to the styles of mineralisation under consideration and to the activity being reported to qualify as a Competent Person as defined in the 2012 Edition of the Australasian

Code for Reporting of Exploration Targets, Exploration Results and Mineral Resources. Mr. Kastellorizos has verified the data disclosed in this release and consent to the inclusion in this release of the matters based on the information in the form and context in which it appears.

SEPTEMBER 2021 QUARTER – ASX ANNOUNCEMENTS

This Quarterly Activities Report contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (2012 JORC Code). Further details (including 2012 JORC Code reporting tables where applicable) of exploration results referred to in this Quarterly Activities Report can be found in the following announcements lodged on the ASX:

Sunny Corner Farm-In Commences 17 Sept 2021

This Report also contains information extracted from the following ASX market announcements, which includes further details (including 2012 JORC Code reporting tables where applicable) of exploration results and minerals resources referred to in this Report:

Spring Gully Maiden JORC Resources	12 July 2021
Sofala Gold Resources increased to 352,000	28 July 2021
Significant New Multiple IP Targets over Spring Gully	9 Aug 2021
Bamboo Creek Project Update	19 Aug 2021
Surface Gold Intersected at Wiles Prospect	23 Aug 2021
Mt Pleasant Project Approved for Exploration	2 Sept 2021
Dalton Project Exploration Update	13 Sept 2021

These announcements are available for viewing on the Company’s website www.minrex.com.au under the Investor Relations tab. MinRex confirms that it is not aware of any new information or data that materially affects the information included in any original ASX announcement.

Tenement information as required by the Listing Rule 5.3.2

Region	Project	Tenement	Area approx.	Grant Date	Expiry Date	Change in Holding	Current Interest
East Pilbara	Dalton	E45/4681	9 km ²	13-07-17	12-07-22	-	70%
East Pilbara	Bamboo Creek	E45/4560	69km ²	27-10-17	26-10-22	-	70%
East Pilbara	Bamboo Creek	E45/4853	6 km ²	11-10-17	10-10-22	-	70%
East Pilbara	Marble Bar South	P45/3039	8.26 ha	02-07-18	01-07-22	-	70%
East Pilbara	Marble Bar North	P45/3040	3.03 ha	02-07-18	01-07-22	-	70%
Murchison	Deflector Extended	E59/1657 ⁵	15 km ²	12-07-11	11-07-21	-	100%
East Lachlan Fold	Mt Pleasant	EL9266	58 units	19-08-21	19-08-24	-	100%
East Lachlan Fold	Sofala	EL7423 ¹	14 units	30-11-09	30-11-21	-	-
East Lachlan Fold	Sofala	EL7974 ²	4 units	11-10-12	11-10-23	-	-
East Lachlan Fold	First Find	EL8976	7 units	14-04-20	14-04-23	-	100%
East Lachlan Fold	Sunny Corner North	EL5964 ^{3,4}	19 units	12-07-02	12-07-21	-	-
East Lachlan Fold	Sunny Corner North	EL9133	54 units	13-04-21	13-04-24	-	100%
East Lachlan Fold	Sunny Corner South	EL9504	12 units	17-02-21	17-02-24	-	100%

Notes:

1. Subject to Farm-In and Joint Venture with Fortius Mines Pty Ltd to earn up to an 80% interest in EL7423.
2. Subject to Farm-In and Joint Venture with Wattle Resources Pty Ltd to earn up to an 80% interest in EL7974.
3. Subject to Farm-in with Sunny Silver Pty Ltd and Sunshine Reclamation Pty Ltd to earn up to 90% interest in the exploration area of EL5964.
4. Renewal for EL5964 lodged on 9 July 2021 and is pending.
5. Renewal for E59/1657 lodged on 7 July 2021 and is pending.

Appendix 5B

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

Name of entity

MINREX RESOURCES LIMITED and its Controlled Entities

ABN

81 151 185 867

Quarter ended ("current quarter")

30 September 2021

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (3 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers	-	-
1.2 Payments for		
(a) exploration & evaluation (if expensed)	(349)	(349)
(b) development	-	-
(c) production	-	-
(d) staff costs	-	-
(e) administration and corporate costs	(112)	(112)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	-	-
1.5 Interest and other costs of finance paid	-	-
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	-
1.8 Other (provide details if material)	-	-
1.9 Net cash from / (used in) operating activities	(461)	(461)
2. Cash flows from investing activities		
2.1 Payments to acquire:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	-	-
(d) exploration & evaluation (if capitalised)	(10)	(10)
(e) investments	-	-
(f) other non-current assets	-	-

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 months) \$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 (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	(10)	(10)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
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	(2)	(2)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings (lease liabilities)	(6)	(6)
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (Proceeds from unissued unsecured convertible note)	-	-
3.10	Net cash from / (used in) financing activities	(8)	(8)

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	2,450	2,450
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(461)	(461)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(10)	(10)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(8)	(8)

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 (3 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	1,971	1,971

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	1,971	2,450
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)	1,971	2,450

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**

128

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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

The amounts reported in item 6.1 relate to payments to directors and chief executive officer, including non-executive fees, consulting fees and chief executive officer fees during the quarter.

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	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	-	-
7.5	Unused financing facilities available at quarter end		-
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)	(461)
8.2	Capitalised exploration & evaluation (Item 2.1(d))	(10)
8.3	Total relevant outgoings (Item 8.1 + Item 8.2)	(471)
8.4	Cash and cash equivalents at quarter end (Item 4.6)	1,971
8.5	Unused finance facilities available at quarter end (Item 7.5)	-
8.6	Total available funding (Item 8.4 + Item 8.5)	1,971
8.7	Estimated quarters of funding available (Item 8.6 divided by Item 8.3)	4.2
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: N/A	
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: N/A	
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: N/A	

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: 28 October 2021

Authorised by: By the Board of MinRex Resources Limited
(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.