



28 April 2020

QUARTERLY REPORT

Period Ended 31 March 2020

Aldoro Resources Ltd (**Aldoro** or **the Company**) (ASX: ARN) provides the following commentary and Appendix 5B for the Quarter ended 31 March 2020.

HIGHLIGHTS

- **Completion of maiden drilling program at Penny South Project**
- **Results of ground magnetic survey confirm additional 700m of target trend**
- **RC Drilling Program commenced at Penny South post quarter end**
- **Completed first phase of asset portfolio review**

During the quarter, Aldoro completed a maiden 5,436m aircore (AC) drilling program at the Penny South Project (*ASX, Completion of Drilling at Penny South Project, 03 February 2020*). Data and information from this aircore program was interpreted and used in planning a deeper follow up reverse circulation (RC) program that commenced post quarter end.

The Board completed a first phase review of the Company's portfolio of exploration assets and has decided to exit the Leinster Project Joint Venture with Jindalee Resources (ASX:JRL) (tenements E36/895 and E36/910) and surrender the Karlgarin Project (tenements E70/5061 and E70/5068). Combined, this will reduce the Company's expenditure commitments by approximately \$168,000 over the next 12 months. Given the current environment and uncertainty in the financial markets, the Company, while maintaining an active exploration strategy, is looking at further cost saving measures such as divesting non-core assets.

Overview of Projects

Aldoro owns 5 Exploration Licences and 2 Exploration Licence Applications in the Murchison Region of Western Australia. The tenements contain a number of advanced exploration projects around the Younami Gold Mining District and the Windimurra-Narndee Igneous Complex. The projects are principally focused on gold, nickel and copper mineralisation. The tenements form 4 main project areas, covering a total of 756km²: The 4 main project areas are shown in Figure 1, below.

Suite 2, 1 Altona Street, West Perth WA 6005

E: contact@aldororesources.com

W: aldororesources.com

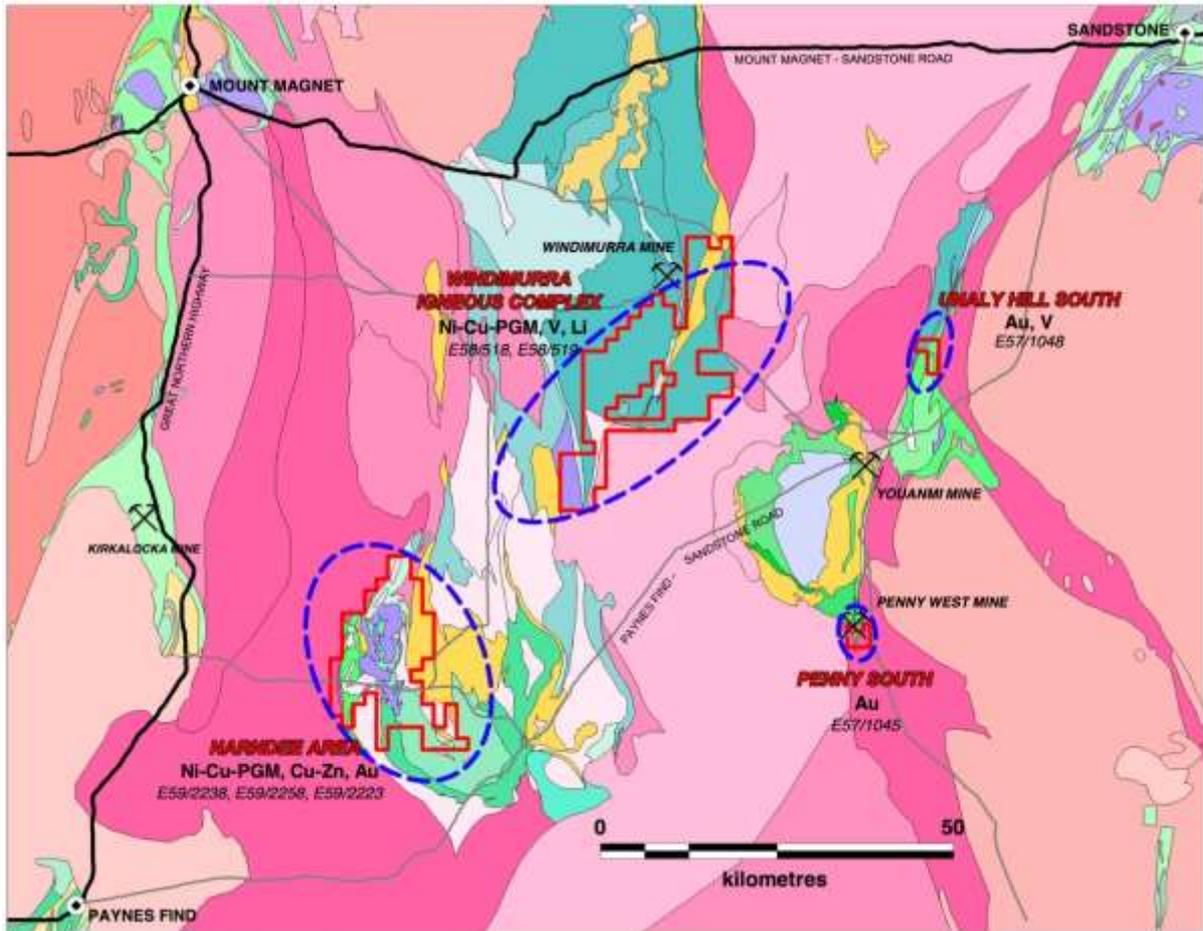


Figure 1: Aldoro Tenements grouped into Project Areas

Penny South Gold Project

The Penny South Gold Project lies directly to the south of the Penny West Gold Project owned by Spectrum Metals (ASX:SPX) and contains over 2.5km strike extension of the Penny West Shear, that hosts the historic high-grade Penny West Gold Mine (Figure 2). Historic drilling within tenement E57/1045 has encountered various significantly anomalous intersections of gold mineralisation including 2m at 33.98g/t Au, 6m at 1.27g/t Au and 5m at 1.11g/t Au. Like the Penny West area, tenement E57/1045 contains limited outcrop and is overlain by 1m to 30m of sand and sedimentary cover. The average depth of historic drilling within the Penny South Gold Project is less than 40m down hole. Spectrum has reported outstanding recent exploration success at Penny North and at the southern end of the Penny West pit within deeper drill holes beneath cover. Aldoro intends to utilise a similar exploration strategy to test surface anomalies at depth.

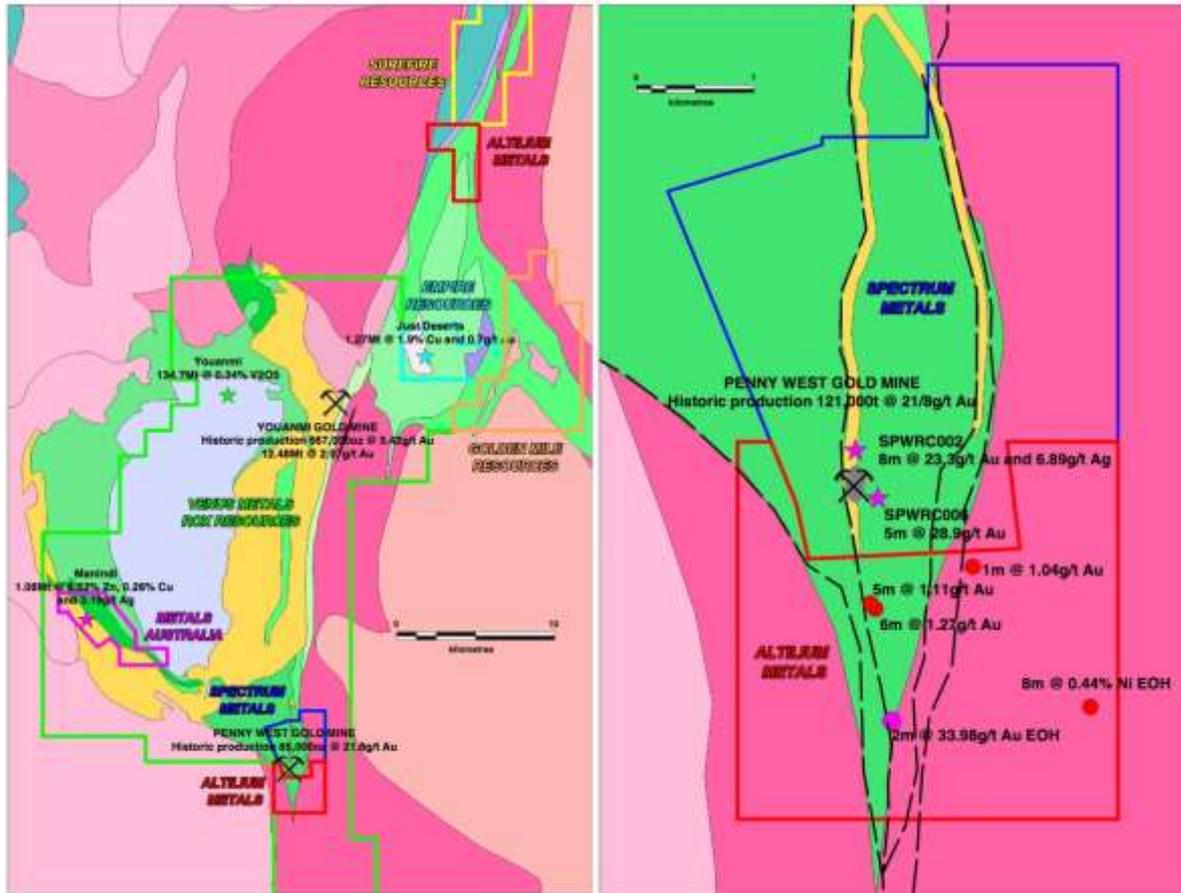


Figure 2A: Youanmi Gold Mining District

Figure 2B: Enlarged Map of Penny West Area

As announced on 20 March (ASX, *Exploration Activity Update, 20 March 2020*) the Company engaged structural geologist Dr Damien Keys as a consultant to review the results of the recent AC drilling program and accompanying historical database of the Penny South Project. The results of this appraisal and targeting work were used to refine the plans for the RC program which commenced post quarter end on 2 April 2020. Further ground magnetic survey work was completed at Penny South in February, extending strike coverage of the target trend by a further 700m to the southern boundary of the tenement. Data from the survey has now been processed and interpreted, with a continuation of the trend and other interesting structural features observed in this southern area.

As announced on 17 April (ASX, *Drilling Update – Penny South RC Program, 17 April 2020*) the first 11 drill holes of the follow up RC drilling program have been completed for a total of 2,012m. All the holes were drilled in the southern target area and the rig is now moving up to test the northern area. Drilling has progressed slightly slower than expected with the fresh rock beneath the clay cover being quite hard and a fair amount of water encountered. The program has not been affected by any COVID-19 related issues.

Field observations from these first 11 holes provide a good indication that the exploration model for the area appears to be working with the anticipated geology encountered targeting the N-S trending mafic schist and NNW trending granodiorite. Approximately 60m of disseminated pyrite in mafic schist was observed in hole APSRC001; sulphidic quartz veining was observed in holes APSRC002, APSRC003, APSRC007 and APSRC009 and sulphidic quartz veining with galena in hole APSRC004 (full details of drilling and sampling



techniques, including tables as required under JORC Code, will be included when assay results are announced).

The wet clay cover hampered the ability to place casing in 2 of the 4 planned DHEM survey holes in the southern target area, though this issue now appears to have been overcome in later holes. Aldoro plans to mobilise a DHEM crew to site on completion of the RC program once a full survey plan on the available DHEM holes is known.

Samples from the first 11 holes will be delivered to the laboratory in Perth next week, with assays results anticipated in 4 to 6 weeks.

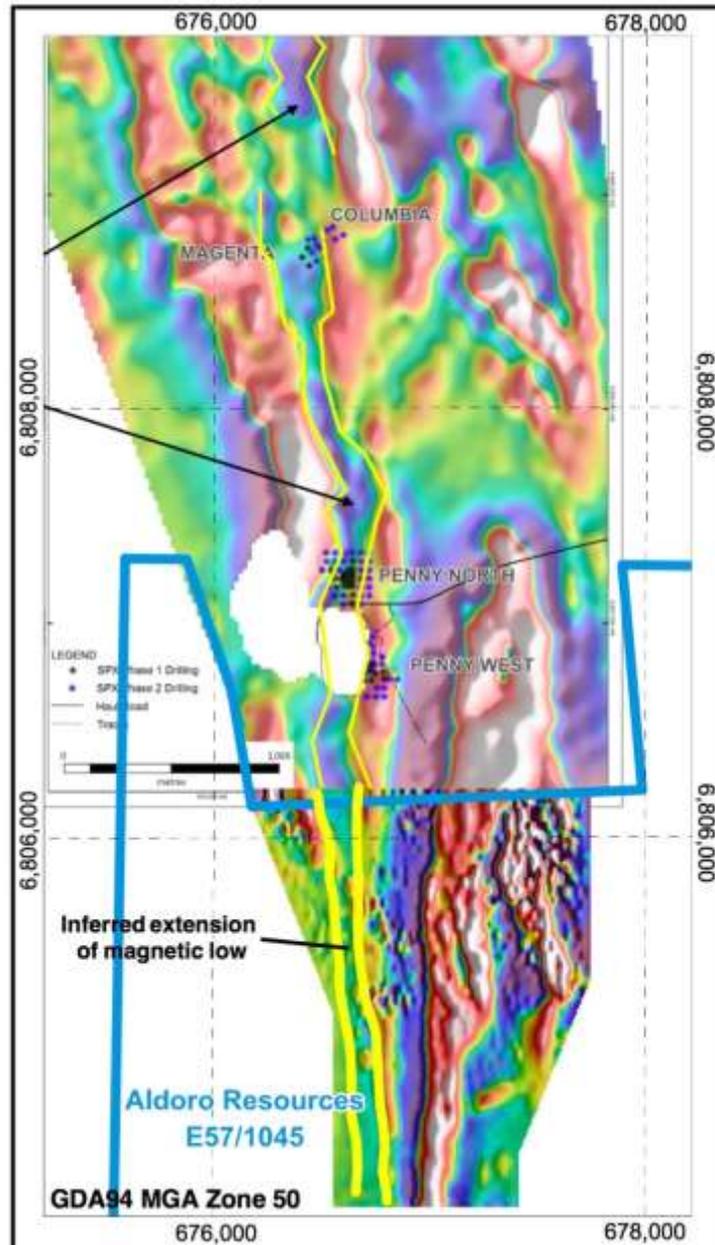


Figure 3: Ground mag RTP 1VD overlain on Spectrum Metals, ASX, 31 May 2019 image



Narndee Project Area

The Narndee Project Area is formed of 2 exploration projects (differentiated by different styles of geology) surrounding the Narndee Igneous Complex – the Narndee Igneous Complex (Ni-Cu-PGM) and the Kiabye Greenstone Belt (Au)

Narndee Igneous Complex (Ni-Cu-PGM)

The Narndee Igneous Complex is a large layered mafic-ultramafic complex covering approximately 700km². This type of geology is similar to Chalice Gold Mines Ltd's (ASX:CHN) recent Ni-Cu-PGM discovery at the Julimar layered mafic-ultramafic complex (ASX:CHN, 15 April 2020). Historic exploration at Narndee has generally focused on PGM mineralisation using a Bushveld model, whilst historic drill results have found good indications of Ni-Cu sulphide mineralisation. Maximus Resources (ASX: MXR) flew an airborne EM survey over the complex in 2008 (ASX:MXR, 20 August 2008), identifying multiple EM targets, but only conducted limited follow up work. Aldoro intends to build on this wealth of historical information and is excited by the nickel potential of the project.

During the quarter, Aldoro purchased and reprocessed all available historical geophysical data sets for the Narndee Complex including airmag, gravity, REPTM and ground EM. This data is being reviewed and interpreted to determine target areas and generate an exploration plan for the project.

Kiabye Greenstone Belt (Au)

The Kiabye Greenstone Belt wraps around the western side of the Narndee Complex, predominantly formed of Norie Group amphibolite-metabasalt and Yaloginda metasedimentary units, with a sheared contact against the surrounding Tuckanarra Suite granite. The greenstone belt extends for over 30km of strike and is historically underexplored due to thin 1m to 5m cover. Anomalous indications of gold have been identified along the length of the belt in historic work (ASX, *New Gold Exploration Strategy Taking Shape*, 21 October 2019). Historic exploration has focused on two main areas, Kiabye Well North and Kiabye Well South.

Aldoro plans to commence exploration with an initial ground magnetic survey to aid with structural and lithological interpretation of the area, followed by multi-element auger geochemical sampling. Targets generated by this combined approach will then be drill tested.

Unaly Hill South

Tenement E57/1048 lies at the southern end of the Atley Complex, located between the Youanmi and Sandstone Gold Mining Districts and contiguous with Surefire Resources (ASX:SRN) Unaly Hill Vanadium Project. Whilst the tenement contains a significant vanadium titanomagnetite exploration target it is also considered prospective for gold mineralisation with the intersection of two major regional shears – the northern extension of the Youanmi Shear and its intersection with the Yuinmery Shear, also known to host gold mineralisation.



During the quarter, Aldoro completed a review of historical exploration records from the project area and also completed the first phase of a ground magnetic survey across the tenement.

The review of historic records identified a number of gold anomalies from previous soil sampling and RAB drilling. The shallow, wide spaced, RAB drilling was an ineffective test for continuity of the gold anomalies and, combined with the favourable structural setting, the area warrants further follow up work. The data from the first phase ground magnetic survey is currently being processed and interpreted.

An exploration program is planned, replicating the approach being undertaken at Penny South, with the initial ground magnetic survey to aid with structural and lithological interpretation of the area. Targets generated will be drill tested.

Windimurra Igneous Complex

Tenement applications E58/518 and E58/519 cover approximately 420km² of the Windimurra Igneous Complex. Recent field work and geological mapping interpretation by Altium has identified over 20 pegmatites at the edge of the Windimurra Complex, that are considered prospective for lithium mineralisation.

Cathedrals Belt Project

The Cathedrals Belt Project comprises 7 tenements located 250km northwest of Kalgoorlie (Figure 7), adjacent to nickel sulphide discoveries made by St George Mining Ltd (ASX:SGQ) at the Cathedrals, Strickland and Investigators Prospects.

The Company's tenements lie to the east, and west, of St George's tenure and the Company's interpretation based on its own high resolution aeromagnetic survey is that the greenstones hosting the nickel-sulphide mineralisation extend into Aldoro's tenure (Figure 4). Aldoro's tenement E29/1030 is interpreted to lie directly along trend from the ultramafic units hosting the nickel-sulphide mineralisation at the Cathedrals, and aeromagnetic images show a discrete E – W magnetic feature in the SW portion of E29/1030.

Aldoro notes the recent exploration success announced by St George (*ASX:SGQ, 1 April 2020*) (*ASX:SGQ, 22 April 2020*) at their neighbouring Mount Alexander Project, including the use of magnetotelluric and audio-magnetotelluric surveying as an exploration tool. The Company is following these developments whilst planning our next stage of exploration work at the project.

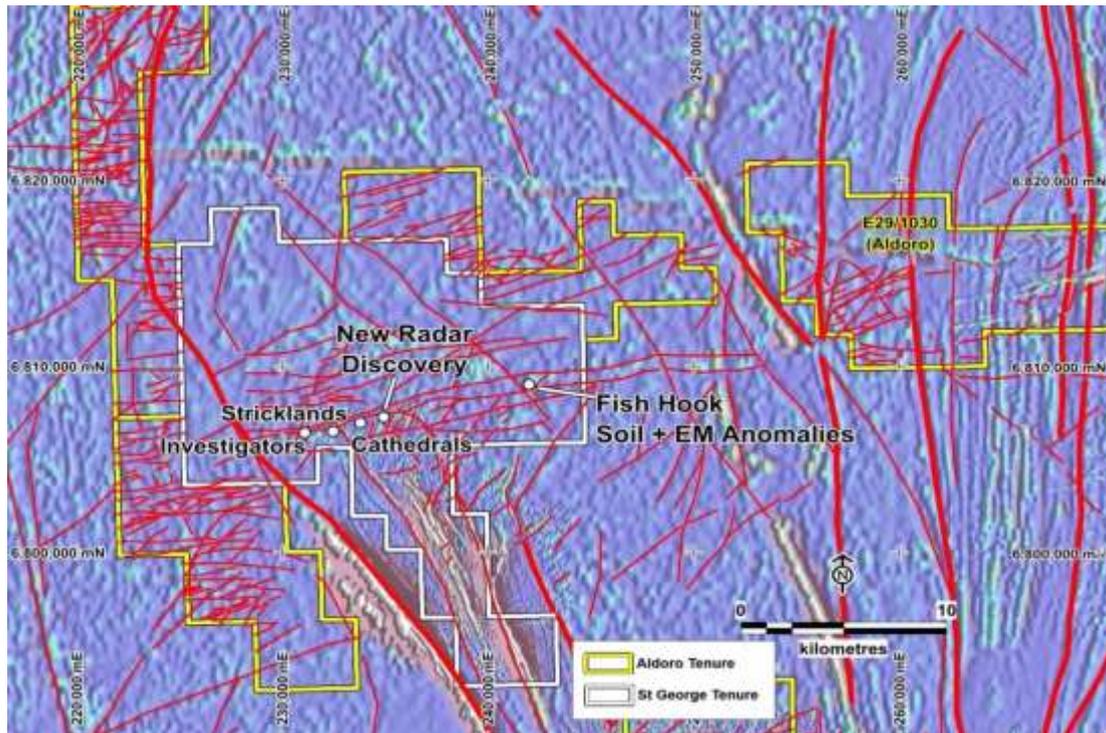


Figure 4: Structural interpretation of Cathedrals Belt over regional aeromagnetic image showing location of E29/1030 which will be focus of EM survey

Leinster Project

During the Quarter, the Board decided to exit the Leinster Project Joint Venture with Jindalee Resources (ASX:JRL) (tenements E36/895 and E36/910) as part of the first phase review of the Company's exploration portfolio and cost saving measures.

Aldoro retains and will continue exploring their 100% owned tenements E36/929 and E36/930, though no exploration work was completed during the quarter.

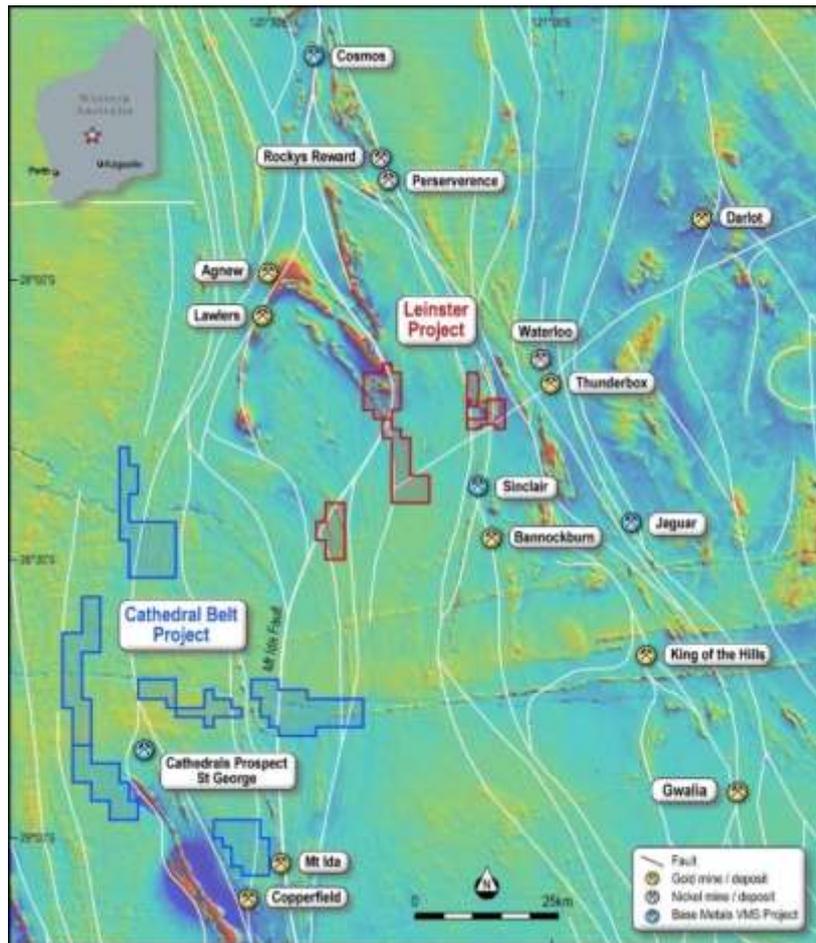


Figure 5: Aeromagnetic Image showing the Cathedral Belt and Leinster Projects

Ryans Find Project

The Company continues to review the nickel sulphide potential of the Ryans Find Project and the use of IP and/or ground EM surveys to aid exploration targeting. Limited work was undertaken during the quarter reviewing both the Company's and historic exploration results across the tenement areas.

Karlgarin Project

During the quarter, the Company lodged the relevant documents to surrender the tenements comprising the Karlgarin Project as part of the first phase review of the Company's exploration portfolio and cost saving measures.

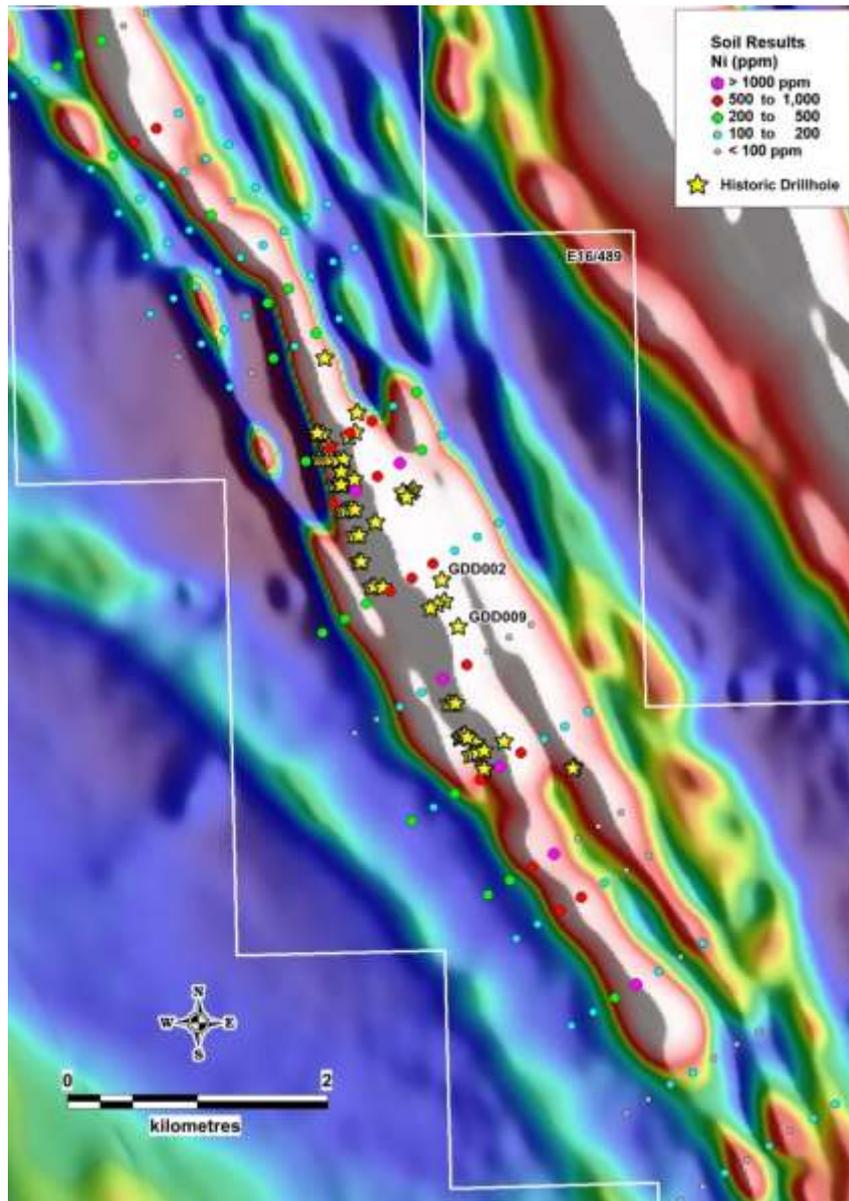


Figure 6: Soil sampling results from Ryans Find Project over aeromagnetic (RTP) imagery

Corporate

The Company lodged its half-yearly report and accounts on 11 March 2020.

For and on behalf of the board:

Sarah Smith
Company Secretary



Competent Persons Statement

The information in this announcement that relates to Exploration Results and other technical information complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) and has been compiled and assessed under the supervision of Caedmon Marriot, Managing Director of Aldoro Resources Ltd. Caedmon is a Member of the Australasian Institute of Mining and Metallurgy. He has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Caedmon consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

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Tenement Table: ASX Listing Rule 5.3.3

Mining tenement interests held at the end of the quarter and their location

Western Australia

TENEMENT	REGISTERED HOLDER / APPLICANT	Permit Status	GRANT DATE (APPLICATION DATE)	EXPIRY DATE	AREA SIZE (Blocks)	Interest / Contractual Right
E16/489	Aldoro Resources Ltd	Granted	27 January 2017	26 January 2022	15BL	100%
E77/2502	Aldoro Resources Limited	Application	(1 December 2017)	N/A	21BL	100%
E77/2535	Aldoro Resources Limited	Application	(17 April 2018)	N/A	27BL	100%
E70/5061	Blue Ribbon Mines Pty Ltd	Granted	12 July 2018	11 July 2023	21BL	80%
E70/5068	Blue Ribbon Mines Pty Ltd	Granted	13 July 2018	12 July 2023	16BL	80%
E29/1029	Blue Ribbon Mines Pty Ltd	Granted	15 May 2019	14 May 2024	28BL	80%
E29/1030	Blue Ribbon Mines Pty Ltd	Granted	15 March 2019	14 March 2024	45BL	80%
E29/1031	Blue Ribbon Mines Pty Ltd	Granted	15 May 2019	14 May 2024	9BL	80%
E29/1032	Blue Ribbon Mines Pty Ltd	Granted	15 March 2019	14 March 2024	12BL	80%
E29/1033	Blue Ribbon Mines Pty Ltd	Granted	27 February 2019	26 February 2024	26BL	80%
E29/1035	Aldoro Resources Limited	Granted	15 March 2019	14 March 2024	37BL	100%
E36/931	Aldoro Resources Limited	Granted	28 November 2018	27 November 2023	43BL	100%
E36/930	Aldoro Resources Limited	Granted	27 September 2018	26 September 2023	23BL	100%
E36/929	Aldoro Resources Limited	Granted	3 July 2018	2 July 2023	14BL	100%
E57/1045	Altium Metals Limited	Granted	10 August 2016	9 August 2021	4BL	100%
E57/1048	Altium Metals Limited	Granted	1 February 2018	31 January 2023	4BL	100%
E59/2223	Gunex Pty Ltd	Granted	20 July 2017	19 July 2022	4BL	100%
E59/2238	Gunex Pty Ltd	Granted	7 April 2017	6 April 2022	37BL	100%



TENEMENT	REGISTERED HOLDER / APPLICANT	Permit Status	GRANT DATE (APPLICATION DATE)	EXPIRY DATE	AREA SIZE (Blocks)	Interest / Contractual Right
E59/2258	Gunex Pty Ltd	Granted	6 September 2017	5 September 2022	63BL	100%
E58/518	Gunex Pty Ltd	Application	(24 May 2017)	N/A	70BL	100%
E58/519	Gunex Pty Ltd	Application	(24 May 2017)	N/A	70BL	100%

The mining tenement interests relinquished during the quarter and their location

Relinquished interest in Leinster Project Joint Venture tenements E36/895 and E36/910 during the quarter.

Relinquished Karlgarin tenements E70/5061 and E70/5068 post quarter end.

The mining tenement interests acquired during the quarter and their location

Acquired – None

Granted – None

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.



The table below illustrates the expenditure comparison against the 'Allocation of funds' table in the Prospectus dated 15 June 2018.

Allocation of funds	Maximum Subscription (\$5,000,000) (\$)	Actual amount spent in the quarter ended 31 March 2020 (\$)	Actual amount spent year to date (\$)
Exploration expenditure at the Ryans Find Project	\$1,379,800	\$3,495	\$226,635
Exploration expenditure at the Leinster Project	\$1,269,000	-	\$445,585
Exploration expenditure at the Kalgarin Project	\$443,500	-	\$64,005
Exploration expenditure at the Cathedrals Project	\$860,000	\$11,454	\$402,354
Exploration expenditure on Altilium acquired projects	-	\$261,000	\$358,000
Working capital and administration costs	\$802,599	\$147,000	\$1,208,000

As illustrated above, there are variances between the actual amount spent and the allocation of funds disclosed in the Prospectus. The variances are due to the Company acquiring 100% of Altilium Metals Limited (**Altilium**) after shareholder approval was granted in November 2019. Altilium holds a series of advanced exploration projects in the Murchison Region of Western Australia including Penny South Gold Project in the Youanmi Gold Mining District and the multi-commodity Narndee Project Area. Exploration has continued on the Company's existing projects as well as its new projects. The Company also completed a share placement (**Placement**) of \$650,000 at \$0.15 per share. The funds from the Placement were intended to be used for exploration on the projects acquired through the acquisition of Altilium.