

QUARTERLY ACTIVITIES REPORT

FOR THE PERIOD ENDING 31 MARCH 2023

HIGHLIGHTS

- Extensional drilling at the Palma Volcanic hosted Massive Sulphide (“VMS”) Project delivers significant high-grade mineralisation, including:
 - **PD3-059: 14.2m @ 3.0% CuEq*** (1.1% Cu, 6.1% Zn, 0.2% Pb, 12g/t Ag & 0.04g/t Au) from 228m
 - Inc. **4.8m @ 7.3% CuEq** (1.8% Cu, 16.8% Zn, 0.4% Pb, 24g/t Ag & 0.1g/t Au) from 237m
 - **PD3-065: 13.0m @ 1.5% CuEq** (1.0% Cu, 1.8% Zn, 0.1% Pb, 8g/t Ag & 0.02g/t Au) from 333m
 - Inc. **4.7m @ 3.1% CuEq** (1.9% Cu, 4.6% Zn, 0.31% Pb, 21g/t Ag & 0.05g/t Au) from 340m
 - **PD3-065: 14m @ 1.7% CuEq** (0.7% Cu, 3.3% Zn, 0.2% Pb, 10g/t Ag & 0.03g/t Au) from 376m
 - Inc. **5.3m @ 3.6% CuEq** (1% Cu, 8% Zn, 0.5% Pb, 25g/t Ag & 0.05g/t Au) from 379m
- High-grade mineralisation intersected approximately 50m down-dip of the existing JORC 2012 Mineral Resource Estimate (“MRE”).
- Phase 2 drilling is ongoing at C3, with aggressive step-outs down-plunge, aiming to significantly expand the MRE of 4.6Mt @ 1.0% Cu, 3.9% Zn, 0.4% Pb & 20g/t Ag.
- Down-Hole Electromagnetic surveys (“DHEM”) at C3 have highlighted conductive plates that demonstrate the potential to significantly expand C3 mineralisation and is assisting with the extensional drilling.
- Regional exploration planned with a combination of in-house auger drilling, geophysics and geochemistry to advance greenfield prospects to drill ready status with the aim of making new VMS discoveries.
- Nickel/Copper/PGE exploration to commence in Q2 CY2023 at Cana Brava for “Julimar Style” deposits.
- Binding agreement to earn-in to the Afla Cu/Zn Project, consolidating the southern portion of the highly prospective Palma VMS belt.
- **Cash balance of A\$1.3M at 31 March 2023**

**Refer to the detailed explanation of assumptions and pricing underpinning the copper equivalent (CuEq) on page 11 of this Quarterly Activities Report*



REGISTERED ADDRESS

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MANAGEMENT TEAM

Graeme Slattery – Non-Executive Chairman
Rob Smakman – Managing Director
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PROJECT

Palma Project

Shares on Issue	72,830,314
Cash	\$1.3M (at 31 March 2023)
ASX Code	ALV

Alvo Minerals Limited (ASX: ALV) (“Alvo” or the “Company”) is pleased to provide its Quarterly Activities Report for the period ending 31 March 2023*. Alvo is exploring its Palma VMS Project in Brazil (“Palma Project” or the “Project”), a Project that has significant high-grade copper and zinc potential in existing prospects, brownfields prospects and greenfields targets within a district scale exploration package.

Exploration Activities

Diamond Drilling at the Palma VMS Project

During the reporting period, Alvo announced assay results from its extensional diamond drill program at the C3 prospect, within the Palma Project in central Brazil¹.

Phase 2 drilling at the C3 prospect is aiming to significantly expand the existing Palma Project JORC 2012 MRE² of **4.6Mt @ 1.0% Cu, 3.9% Zn, 0.4% Pb & 20g/t Ag** (see Figure 1). Phase 2 drilling follows an exceptional Phase 1 drill program that delivered high-grade Copper and Zinc in thick VMS intercepts. Phase 1 and initial Phase 2 drill results continue to exceed expectations on grade and thickness when compared to the existing JORC 2012 MRE that used historical drilling only.

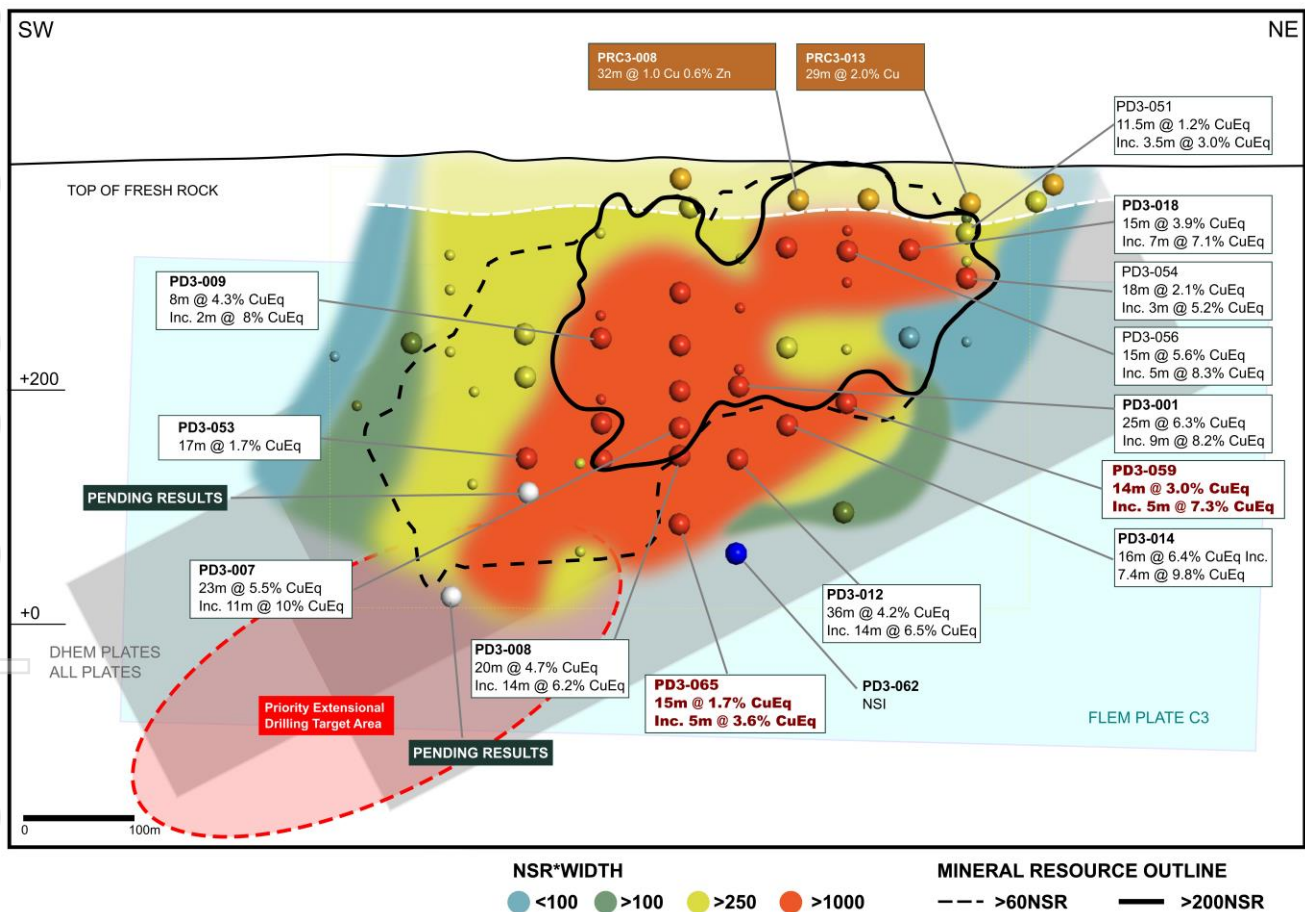


Figure 1: C3 Long section illustrating selected significant intercepts, DHEM plates and Phase 2 drilling.

¹ ASX Announcement 19 January 2023 – Large High Grade Copper Extensions

² Full details of the Palma Project MRE including JORC compliant information is contained within the Company’s Prospectus lodged with ASX on 18 October 2021

*All dollar amounts are A\$ unless stated otherwise



C3 Upgrade Drilling

Phase 2 diamond drilling resumed during the reporting period and is targeting extensions to the high-grade VMS mineralisation, predominately focusing on the down-dip extensions emerging on the south-westerly plunge orientation from the known mineralisation. The Company believes this is the most prospective orientation extension defined to date.

Down-Hole Electromagnetic surveys (“DHEM”) at C3 have highlighted conductive plates associated with the mineralisation and demonstrate the potential to significantly expand C3 mineralisation. The interpretation of the DHEM is proving to be a valuable tool and is assisting with the extensional drilling. Existing EM plates extend several hundred metres below the existing resource and the Company believes the extensions of these EM plates at depth are related to the mineralisation.

Broad and high-grade mineralisation intersected and reported during the quarter include intersections approximately 50m down-dip of the existing limits of the MRE (see Figure 2). Significant results included:

PD3-059:

- **14.2m @ 3.0% CuEq** (1.1% Cu, 6.1% Zn, 0.2% Pb, 12g/t Ag & 0.04g/t Au) from 228m
 - *Inc. 4.8m @ 7.3% CuEq* (1.8% Cu, 16.8% Zn, 0.4% Pb, 24g/t Ag & 0.1g/t Au) from 237m

PD3-065:

- **13.0m @ 1.5% CuEq** (1.0% Cu, 1.8% Zn, 0.1% Pb, 8g/t Ag & 0.02g/t Au) from 333m
 - *Inc. 4.7m @ 3.1% CuEq* (1.9% Cu, 4.6% Zn, 0.31% Pb, 21g/t Ag & 0.05g/t Au) from 340m
- **14m @ 1.7% CuEq** (0.7% Cu, 3.3% Zn, 0.2% Pb, 10g/t Ag & 0.03g/t Au) from 376m
 - *Inc. 5.3m @ 3.6% CuEq* (1% Cu, 8% Zn, 0.5% Pb, 25g/t Ag & 0.05g/t Au) from 379m

Holes PD3-062 and PD3-063 targeted the down-dip extension of the main zone and returned only unmineralised iron sulphides within a broad alteration zone. The alteration included many of the minerals associated with the known mineralisation which is encouraging for DHEM to identify extensions to high-grade VMS mineralisation. Once DHEM is completed, more drilling could be undertaken to test for further extensions.



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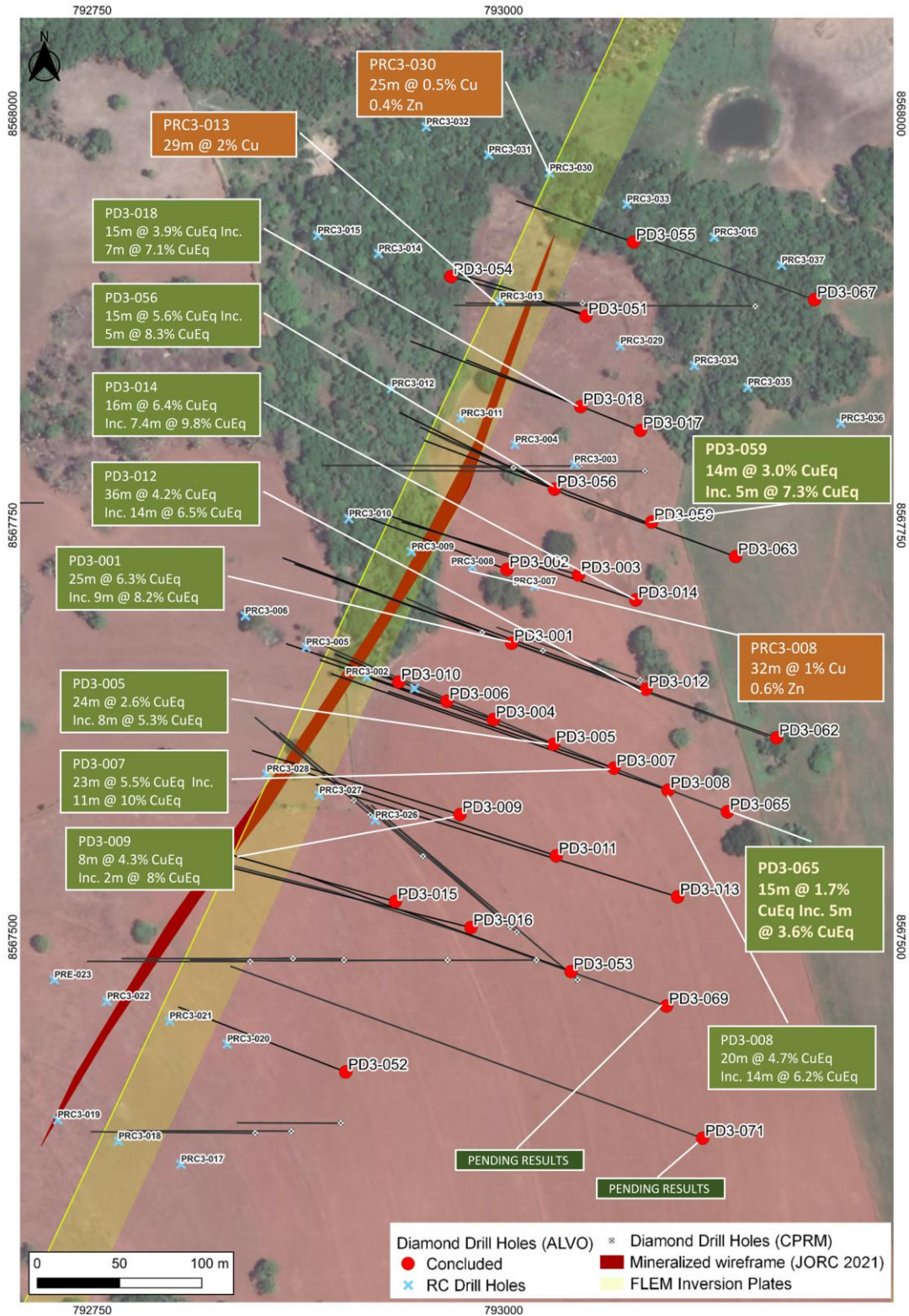


Figure 2: Drill plan at C3 including current and historical drilling.



Palma Regional Exploration Strategy

Alvo has commenced its first extensive regional exploration program³ across Palma which covers over 875km² of contiguous and highly prospective ground in a known VMS district. The district that is 90% controlled by Alvo has been largely idle for over 30 years since the first discovery in the 1970s and presents an extraordinary opportunity to make new discoveries by applying modern exploration techniques.

Since estimating the MRE at IPO in 2021 of 4.6Mt @ 1.0% Cu, 3.9%, 0.4% Pb & 20g/t Ag (based on historical drill results completed by the Geological Survey of Brazil (“CPRM”)), Alvo has reported the completion of 17,356m of diamond drilling and 1,467m of Reverse Circulation (“RC”) drilling. In addition, the Company has completed extensive geological logging, multiple geophysical surveys (IP, FLEM and DHEM) and studies of physical properties.

This information gathered has enhanced Alvo’s technical team’s knowledge and understanding of the Palma VMS district, enabling the team to effectively explore and assess regional target areas across the >875km² of contiguous landholding and 70km of prospective strike for similar deposits.

Exploration work is underway across multiple prospects with the aim of advancing prospects to drill-ready targets. Field activities including geological mapping, soil sampling, Auger drilling (“Auger”), Induced Polarisation Surveys (“IP”) and Fixed Loop electromagnetic surveys (“FLEM”) are being undertaken concurrently on various prospects within the district. Importantly through the Company’s key equipment purchases purchase it allows for flexible, fast and efficient exploration and is significantly less expensive than typical contracted exploration as the only material expense is labour.

Exploration is focusing on the three main disciplines, being geology, geochemistry and geophysics. These disciplines generate data and information when combined and result in positive results will advance the prospects to being drill-ready.

Afla Project Earn-In

During the quarter, Alvo was pleased to report the signing of a binding agreement to earn-in to the highly prospective Afla Project⁴ (“Afla”), consolidating the broader Palma VMS belt. The Afla Project is located adjacent to Alvo’s Palma Project and covers a strategic southern portion of the target host rocks of the VMS sequence.

The Afla Project includes 5 granted exploration licenses covering a total area of 9,758Ha (98km²), located adjacent to both Alvo’s Palma VMS Project and Alvo’s Ni/Cu/PGE Project at Cana Brava (see Figure 3). The Project is considered predominantly prospective for VMS style (Cu, Zn, Pb, Ag, Au) mineralisation.

The earn-in transaction has no upfront cash payments and will utilise Alvo’s existing exploration team to deliver the 1,000m of diamond drilling within 18 months of the agreement to earn the initial 60% of the project. Ability to earn up to 100% of the project dependant on additional exploration and contract milestones.

The Afla project areas have been integrated into the Palma project plan and exploration will proceed across the new areas according to the current schedule in place. Alvo expects that the time required to complete the earn-in is sufficient assuming the first pass exploration is successful.

³ ASX Announcement 10 February 2023 – Regional Targeting Program Underway at Palma Project

⁴ ASX Announcement 28 March 2023 – Earn-In on Afla Cu/Zn Project Consolidates Palma VMS Belt



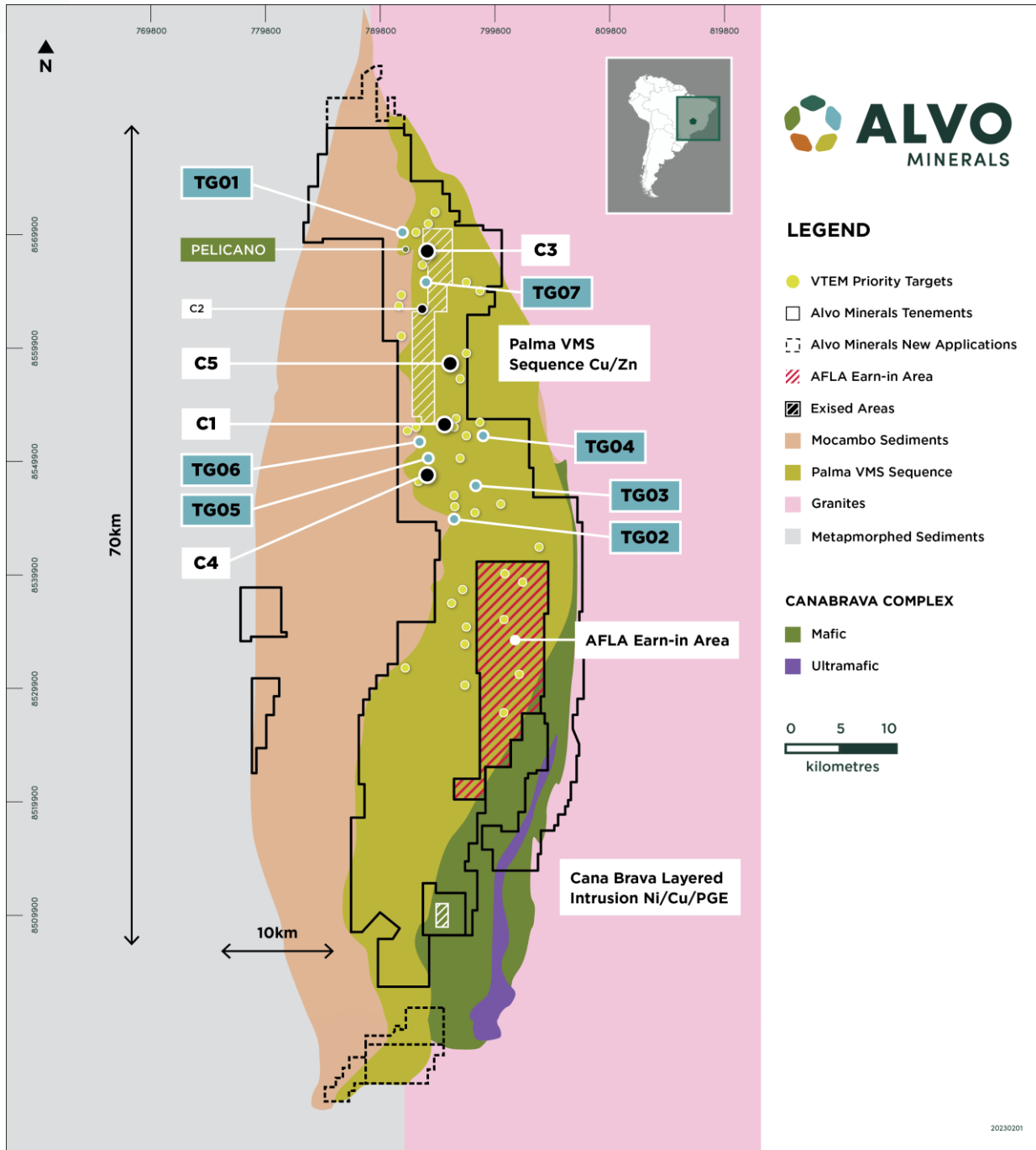


Figure 3: Palma Project including known deposits (C3 & C1); advanced mineralised prospects (C4, C5 and C2⁵); emerging exploration prospects; and Afla Project area in red hash.

⁵ C2 is not owned by the Company - included as it is a known mineralised prospect within the belt.



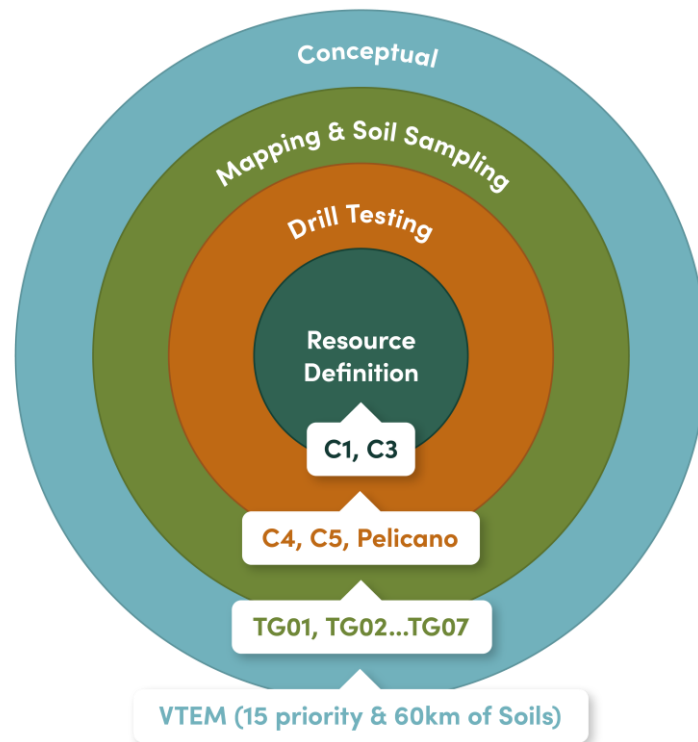


Figure 4: Palma Project Prospects and Targets ranked for level of planned CY23 exploration activity.

Pelicano Prospect Diamond Drilling

Pelicano is the first “Discovery” greenfields regional target ranked by Alvo’s in-house technical team as a high priority new target. Pelicano is located approximately 1km west of the C3 deposit, on a similar orientation and in a similar geological setting. During the quarter, Alvo was pleased to report that drill testing had commenced on this prospect⁶.

Pelicano was first noted in historical geochemical sampling where a co-incident, first order anomaly of Zn, Cu and Pb was noted over a distance of 600m. Due to the presence of this discreet soil anomaly, its proximity to C3 an additional survey loop (Loop 3) was designed (see Figure 6), and FLEM survey completed.

The FLEM survey conducted by Alvo’s geophysical team identified the Pelicano anomaly which, when processed, shows a major electromagnetic conductor with a conductive thickness of ~200 siemens, a strike length of 1.2km (NNE dips moderately to the east), depth extent of up to 700m and which starts from ~250m below surface (see Figure 5).

Electromagnetic conductors are an indication of rocks that have a relatively higher conductance than the surrounding rocks, at levels that are either massive/semi-massive conductive sulphide species or a conducting lithological unit. The Company has yet to encounter significant conductive lithological units in its exploration around Palma, however several drillholes have intercepted unmineralized semi-massive sulphides.

Several IP lines (arranged in pole-dipole) have been surveyed across the Pelicano prospect and all the lines have demonstrated a strong chargeability anomaly above the FLEM conductor- on a similar strike orientation. This chargeability anomaly is closely associated with low resistivity, indicating the anomaly could be associated with disseminated sulphides.

Dependant on initial results, Alvo plans to complete DHEM surveys on initial diamond holes to build on the overall interpretation of the Pelicano prospect.

⁶ ASX Announcement 2 February 2023 – Drilling Underway at Major Greenfields Target - Pelicano



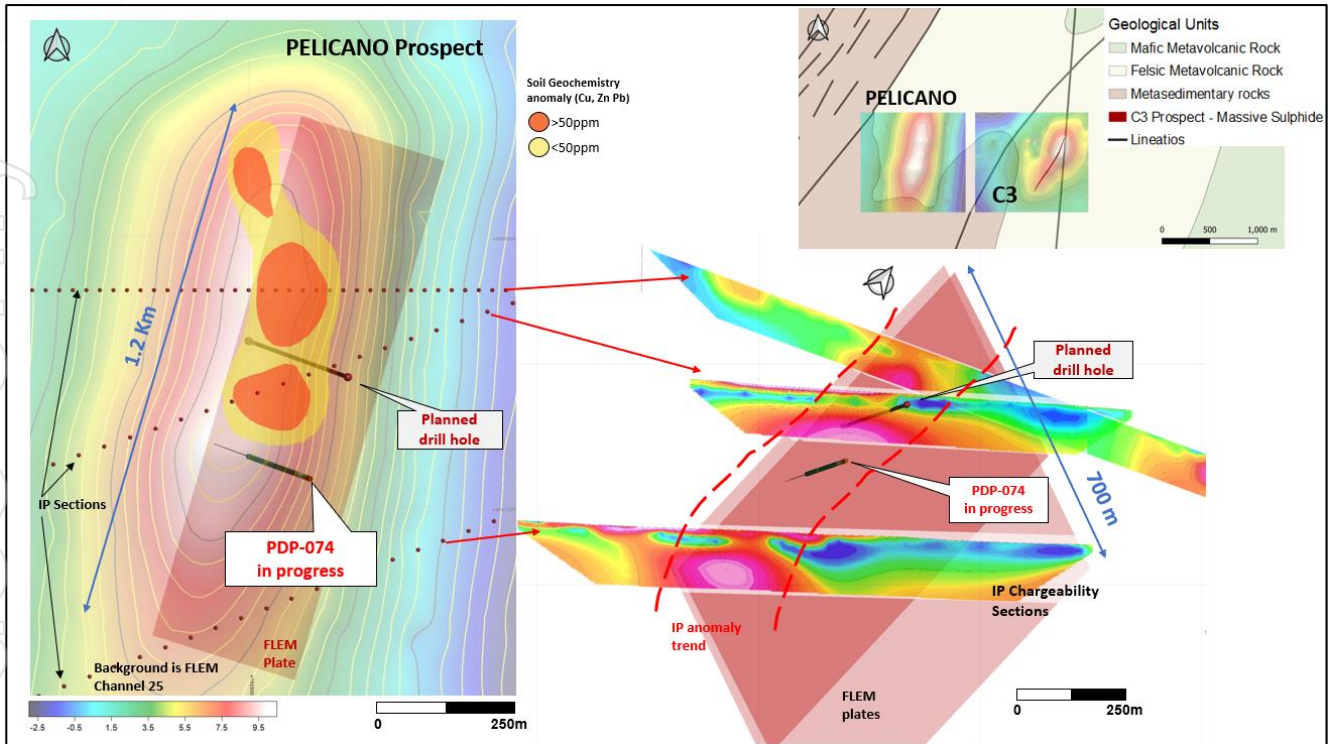


Figure 5: Pelicano Prospect in plan view (left), 3D interpretation (right) and simplified geological setting top right. Image includes drillhole location, IP Chargeability sections, FLEM results and interpreted electromagnetic conductor location.

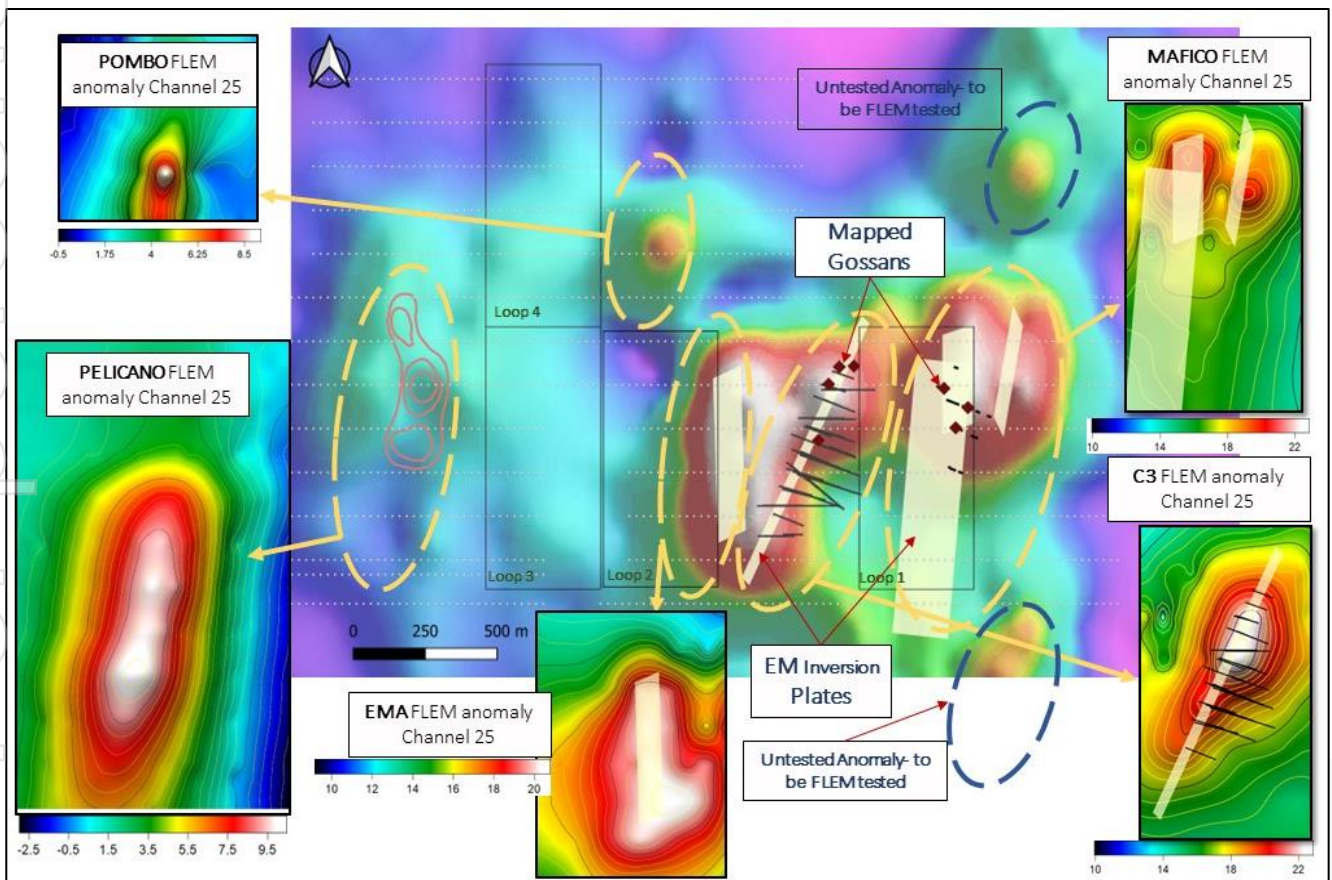


Figure 6: Pelicano Prospect (west side) relative to the C3 'cluster'. Background image shows results from VTEM which didn't identify the massive Pelicano conductor.

Corporate

Securities Information

As at 31 March 2023, the Company had 72,830,314 ordinary fully paid shares on issue (of which 16,634,198 are escrowed until 20 October 2023) and 12.6M unlisted options granted at various vesting and expiration dates.

Financial

As at 31 March 2023, the Company had a net cash position approximately \$1.32 million. Refer to the Appendix 5B Quarterly Cashflow Report for further information.

Use of Funds	As Per Prospectus (over 2 years)	Use of Funds to 31 March 2023
	\$'000	\$'000
Costs of the Offer	860	735
Exploration & Operations		
Geochemical surveys and Drilling	3,730	5,587
Geophysical surveys	1,250	478
Metallurgy, Engineering and studies	1,050	149
Administration (Australia and Brazil)	1,940	1,464
Total	8,830	8,413

ASX Listing Rule 5.3.2

There was no mining production or development activities during the quarter.

ASX Listing Rule 5.3.5 - Payments to Related Parties

The following sets out the information as required by ASX Listing Rule 5.3.5 regarding payments to related parties of the entity and their associates:

During the Quarter, the Company made payments to related parties of \$114,159, which related to payments to the Non-Executive Directors and the Managing Director.



This announcement has been approved for release by the Board of Alvo Minerals Limited.

ENQUIRIES

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ASX Announcements

This Quarterly Activities Report contains information reported in accordance with JORC 2012 in the following announcements released during the March quarter:

“LARGE HIGH GRADE COPPER EXTENSIONS” dated 19 January 2023 issued by Alvo Minerals Limited

“DRILLING UNDERWAY AT MAJOR GREENFIELDS TARGET – PELICANO” dated 2 February 2023 issued by Alvo Minerals Limited

“REGIONAL TARGETING PROGRAM UNDERWAY AT PALMA PROJECT” dated 10 February 2023 issued by Alvo Minerals Limited

‘EARN-IN ON AFLA CU/SN PROJECT CONSOLIDATES PALMA VMS BELT’ dated 28 March 2023 issued by Alvo Minerals Limited

Forward Looking Statements

Statements regarding plans with respect to Alvo’s Palma Project and its exploration program are forward-looking statements. Forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside Alvo’s control and actual values, results or events may be materially different to those expressed or implied herein. Alvo does not undertake any obligation, except where expressly required to do so by law, to update or revise any information or any forward-looking statement to reflect any changes in events, conditions, or circumstances on which any such forward-looking statement is based.

Competent Person’s Statement

The information contained in this announcement that relates to recent exploration results is based upon information compiled by Mr Rob Smakman of Alvo Minerals Limited, a Competent Person and Fellow of the Australasian Institute of Mining and Metallurgy. Mr Smakman is a full-time employee of Alvo and has sufficient experience 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 “Australasian Code for Reporting of Mineral Resources and Ore Reserves” (or JORC 2012). Mr Smakman consents to the inclusion in this announcement of the matters based upon the information in the form and context in which it appears.



ABOUT ALVO

Alvo Minerals (ASX: ALV) is a base and precious metals exploration company, hunting high-grade copper and zinc at its flagship Palma Project, located in Central Brazil. The Palma Project has a JORC 2012 Inferred Mineral Resource Estimate - 4.6Mt @ 1.0% Cu, 3.9% Zn, 0.4% Pb & 20g/t Ag.

Alvo's strategic intent is to aggressively explore and deliver growth through discovery, leveraging managements' extensive track record in Brazil. There are three phases to the exploration strategy – *Discover, Expand and Upgrade*.

Alvo is committed to fostering best in class stakeholder relations and supporting the local communities in which it operates.

CuEq and ZnEq: Copper and ZnEq Equivalent Calculation

The copper and zinc equivalent grades (CuEq & ZnEq) are based on copper, zinc, silver, lead and gold prices of US\$7,782/t Copper, US\$3,189/t Zinc, US\$1,980/t Lead, US\$19.30/oz Silver, and US\$1,696/oz (price deck based on 3-month LME as 7/11/22). Recoveries of 81%, 83%, 70%, 50% and 50% respectively, (recoveries based on Metallurgical testwork released in ASX Announcement 9 November 2022).

The copper equivalent calculation is as follows (for ZnEq, replace Cu in the calculation): $Cu Eq = Cu grade\% * Cu recovery + ((Pb grade \% * Pb recovery \% * (Pb price \$/t/Cu price\$/t)) + (Zn grade \% * Zn recovery \% * (Zn price \$/t/Cu price\$/t)) + (Ag grade g/t /31.103 * Ag recovery \% * (Ag price \$/oz/Cu price\$/t)) + (Au grade g/t /31.103 * Au recovery \% * (Au price \$/oz/Cu price\$/t))$.

Reported on 100% Basis.



APPENDIX 1

Significant Intercepts and Drill Collar Details

Table 1: Significant intercepts C3 Diamond drilling program.

Hole ID	Prospect	Length (m)	From (m)	CuEq %	ZuEq %	Cu %	Zn %	Pb %	Ag g/t	Au g/t	Comment
PD3-051	C3	20.2	8.0	0.3	0.8	0.33	0.17	0.01	2.66	0.00	<i>Supergene</i>
PD3-051	C3	11.5	52.4	1.2	3.0	0.35	2.73	0.13	5.56	0.00	VMS
<i>including</i>	C3	3.48	57.5	3.0	7.2	0.48	7.37	0.35	17.36	0.01	VMS
PD3-052	C3	5.0	178.0	0.5	1.1	0.44	0.30	0.06	2.21	0.00	VMS
PD3-053	C3	17.1	293.9	1.7	4.2	1.23	2.09	0.17	11.52	0.03	VMS
PD3-053	C3	4.0	312.0	0.3	0.7	0.30	0.19	0.01	0.00	0.00	Stringer
PD3-054	C3	28.1*	11.9	0.6	1.5	0.54	0.51	0.05	1.77	0.00	<i>Supergene</i>
PD3-054	C3	0.9*	79.0	1.4	3.3	0.47	0.53	4.40	203.00	0.22	VMS (Quartz galena vein)
PD3-054	C3	17.7*	101.0	2.1	5.1	1.12	3.45	0.09	5.40	0.01	VMS* not true width
<i>including</i>	C3	2.9	102.0	5.2	12.8	0.86	13.13	0.41	16.43	0.00	
<i>including</i>	C3	1.0	115.0	3.9	9.4	4.25	1.21	0.02	12.00	0.02	
PD3-055	C3	16.2	8.9	0.6	1.4	0.51	0.51	0.01	1.92	0.00	<i>Supergene</i>
PD3-056	C3	14.6	36.0	0.5	1.3	0.47	0.45	0.00	0.00	0.00	<i>Supergene</i>
PD3-056	C3	14.9	74.1	5.6	13.5	2.22	10.78	0.48	34.03	0.11	VMS
<i>including</i>	C3	5.0	75.0	8.3	20.2	2.72	17.46	0.87	52.60	0.16	VMS
PD3-057	Mafico	-	-	-	-	-	-	-	-	-	Abandoned
PD3-058	Mafico	1.6	214.9	0.2	0.4	0.01	0.02	0.00	0.00	0.39	VMS
PD3-059	C3	4.6	160.4	0.7	1.3	0.44	0.51	0.01	0.82	0.01	VMS
PD3-059	C3	2.0	170.0	0.7	1.2	0.53	0.13	0.00	2.50	0.13	VMS
PD3-059	C3	14.2	227.8	3.8	7.3	1.08	6.12	0.16	12.53	0.04	VMS
<i>including</i>	C3	4.8	237.2	9.1	17.7	1.84	16.81	0.36	23.99	0.07	VMS
PD3-060	Mafico	-	-	-	-	-	-	-	-	-	NSI
PD3-061	Mafico	-	-	-	-	-	-	-	-	-	NSI
PD3-062	C3	-	-	-	-	-	-	-	-	-	NSI
PD3-063	C3	3.0	210.0	0.4	0.7	0.34	0.07	0.01	0.00	0.01	VMS
PD3-063	C3	5.4	219.6	0.5	0.9	0.36	0.23	0.00	0.00	0.01	VMS
PD3-064	Ema	-	-	-	-	-	-	-	-	-	NSI
PD3-065	C3	10.06	316.0	0.4	0.8	0.27	0.33	0.01	0.40	0.00	VMS
PD3-065	C3	13.00	333.0	1.9	3.6	1.03	1.82	0.12	7.96	0.02	VMS
<i>including</i>	C3	4.68	340.3	4.0	7.7	1.87	4.61	0.31	20.61	0.05	VMS
PD3-065	C3	14.00	376.0	2.2	4.2	0.71	3.27	0.19	9.79	0.03	VMS
<i>including</i>	C3	5.31	378.7	4.6	8.7	0.93	8.05	0.49	25.41	0.05	VMS

Table of significant intercepts calculated using a 0.1% Cu or 0.5% Zn or 0.1 g/t Au lower cut-off, minimum interval of 1m and a maximum of 2m of internal dilution. *Hole PD3-54 was drilled as a scissor hole to test the orientation of the mineralisation at the northern end of the C3 prospect



Table 2: Diamond drilling collar details. Coordinates are in SIRGAS_2000 Zone22S. *Hole abandoned due to drilling conditions.

Hole ID	Prospect	Easting	Northing	RL	Depth	Azimuth	Dip	Comment
PD3-051	C3	793050	8567877	388	158	290	-60	Expand
PD3-052	C3	792904	8567418	399	212	290	-60	Expand
PD3-053	C3	793041	8567479	396	368	290	-60	Expand
PD3-054	C3	792968	8567901	390	162	110	-60	Expand
PD3-055	C3	793079	8567922	390	151	290	-60	Expand
PD3-056	C3	793031	8567772	391	167	290	-60	Upgrade
PDF-057*	Mafico	793519	8567813	390	61*	285	-60	Discovery
PDF-058	Mafico	793542	8567827	390	244	285	-60	Discovery
PD3-059	C3	793090	8567752	392	274	290	-60	Upgrade
PDF-060	Mafico	793497	8567931	390	235	285	-60	Discovery
PDF-061	Mafico	793719	8567913	387	377	285	-60	Discovery
PD3-062	C3	793166	8567621	394	500	290	-60	Expand
PDF-063	C3	793141	8567731	392	373	290	-60	Expand
PDE-064	Ema	792506	8567673	395	349	90	-60	Discovery
PD3-065	C3	793136	8567576	394	452	290	-60	Expand

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Appendix 2

Tenement information reported as required by ASX listing rule 5.3.3.

Tenement ID	Name on Title	Phase	Area (Ha)	State in Brazil	ALV beneficial interest at 31/03/2023	Notes
864.207/2018	Amazon Consultoria Em Mineração e Serviços Ltda	Exploration Application	9,874	TO	100%	1, 3
864.152/2018	Perth Recursos Minerais Ltda	Granted Exploration	1,727	TO	100%	3
864.151/2018	Perth Recursos Minerais Ltda	Granted Exploration	1,877	TO	100%	3
864.150/2018	Perth Recursos Minerais Ltda	Granted Exploration	1,990	TO	100%	3
864.149/2018	Perth Recursos Minerais Ltda	Granted Exploration	1,795	TO	100%	3
864.206/2018	Perth Recursos Minerais Ltda	Granted Exploration	1,687	TO	100%	3
864.205/2018	Perth Recursos Minerais Ltda	Granted Exploration	66	TO	100%	3
864.204/2018	Perth Recursos Minerais Ltda	Granted Exploration	41	TO	100%	3
864.203/2018	Perth Recursos Minerais Ltda	Granted Exploration	1,295	GO	100%	3
864.202/2018	Perth Recursos Minerais Ltda	Granted Exploration	1,821	GO	100%	3
864.153/2018	Perth Recursos Minerais Ltda	Granted Exploration	1,987	TO	100%	3
860.125/2020	Perth Recursos Minerais Ltda	Granted Exploration	1,901	GO	100%	3
860.124/2020	Perth Recursos Minerais Ltda	Granted Exploration	1,981	GO	100%	3
860.123/2020	Perth Recursos Minerais Ltda	Granted Exploration	437	GO	100%	3
811.686/1975	CPRM	Granted Exploration	1,000	TO	100%	2
811.689/1975	CPRM	Granted Exploration	1,000	TO	100%	2
811.702/1975	CPRM	Granted Exploration	1,000	TO	100%	2
800.744/1978	CPRM	Granted Exploration	1,050	TO	100%	2
860.310/1984	CPRM	Granted Exploration	1,000	TO	100%	2
860.317/1984	CPRM	Granted Exploration	1,000	TO	100%	2
864.076/2020	Perth Recursos Minerais Ltda	Exploration Application	1,640	TO	100%	3
860.527/2020	Perth Recursos Minerais Ltda	Granted Exploration	1,984	GO	100%	3
864.179/2020	Perth Recursos Minerais Ltda	Granted Exploration	1,602	GO/TO	100%	3
864.180/2020	Perth Recursos Minerais Ltda	Granted Exploration	1,895	GO/TO	100%	3



Tenement ID	Name on Title	Phase	Area (Ha)	State in Brazil	ALV beneficial interest at 31/03/2023	Notes
864.181/2020	Perth Recursos Minerais Ltda	Exploration Application	1,964	GO/TO	100%	3
864.182/2020	Perth Recursos Minerais Ltda	Exploration Application	1,975	GO/TO	100%	3
860.603/2020	Perth Recursos Minerais Ltda	Exploration Application	1,548	GO	100%	3
864.183/2020	Perth Recursos Minerais Ltda	Exploration Application	969	GO/TO	100%	3
860.753/2021	Perth Recursos Minerais Ltda	Granted Exploration	1,250	GO	100%	3, 4
860.752/2021	Perth Recursos Minerais Ltda	Granted Exploration	1,670	GO	100%	3, 4
864.072/2022	Perth Recursos Minerais Ltda	Exploration Application	1,172	TO	100%	3
864.109/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,329	TO/GO	100%	3
860.380/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,881	GO	100%	3
860.382/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,959	GO	100%	3
860.384/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,951	GO	100%	3
860.385/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,959	GO	100%	3
860.386/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,797	GO	100%	3
860.387/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,990	GO	100%	3
860.390/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,978	GO	100%	3
860.391/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,544	GO	100%	3
860.392/2022	Perth Recursos Minerais Ltda	Exploration Application	597	GO	100%	3
860.393/2022	Perth Recursos Minerais Ltda	Exploration Application	640	GO	100%	3
864.120/2022	Perth Recursos Minerais Ltda	Exploration Application	1,751	TO/GO	100%	3
864.121/2022	Perth Recursos Minerais Ltda	Exploration Application	1,622	TO/GO	100%	3
864.255/2022	Perth Recursos Minerais Ltda	Exploration Application	4	TO	100%	3
864.256/2022	Perth Recursos Minerais Ltda	Exploration Application	36	TO	100%	3
861.021/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,591	GO	100%	3, 4
861.023/2022	Perth Recursos Minerais Ltda	Granted Exploration	1,977	GO	100%	3, 4, 5
864.029/2023	Perth Recursos Minerais Ltda	Exploration Application	1,871	TO	100%	6
860.086/2023	Perth Recursos Minerais Ltda	Granted Exploration	1,388	GO	100%	5, 6



Tenement ID	Name on Title	Phase	Area (Ha)	State in Brazil	ALV beneficial interest at 31/03/2023	Notes
860.087/2023	Perth Recursos Minerais Ltda	Granted Exploration	1,956	GO	100%	5, 6
860.088/2023	Perth Recursos Minerais Ltda	Granted Exploration	779	GO	100%	5, 6
860.908/2018	Afla Investimentos e Participações Ltda	Granted Exploration	1,972	GO/TO	0%	7
860.909/2018	Afla Investimentos e Participações Ltda	Granted Exploration	1,924	GO	0%	7
860.910/2018	Afla Investimentos e Participações Ltda	Granted Exploration	1,894	GO	0%	7
860.332/2020	Afla Investimentos e Participações Ltda	Granted Exploration	1,984	GO	0%	7
860.378/2020	Afla Investimentos e Participações Ltda	Granted Exploration	1,984	GO	0%	7

Tenement Interest Notes:

- 1: Transfer of this area from Amazon Consultoria Em Mineração e Serviços Ltda to Perth Recursos Minerais Ltda (100% owned subsidiary of Alvo) will be lodged once granted. Area subject to an agreement between these parties and MMH Capital Ltd as disclosed under the Prospectus dated 30 July 2021 issued by Alvo Minerals Limited. Areas transferred under this agreement are subject to a 1% NSR royalty to MMH.
- 2: CPRM (Compania do Pesquisa de Recursos). These areas will be assigned to Alvo Minerals' subsidiary under the "Contract of Mining Rights Assignment Pledge" (Assignment Contract) with the CPRM. Under this agreement, Alvo has exploration commitments and will pay a royalty to CPRM as disclosed in the Prospectus dated 30 July 2021 issued by Alvo Minerals Limited
- 3: Perth Recursos Minerais Ltda is a Brazilian incorporated, wholly owned subsidiary of Alvo Minerals Ltd.
- 4: Perth Recursos Minerais Ltda was the winning bidder in a Brazilian National Mining Agency Auction for derelict areas.
- 5: Areas granted during the March 2023 quarter
- 6: New applications made during the March 2023 quarter
- 7: Alvo entered an agreement to earn-into up to 100% of several areas currently owned by Afla Investimentos e Participações Ltda. Alvo needs to drill 1,000m with 18 months to earn an initial 60% of the project.



Appendix 5B

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

Name of entity

Alvo Minerals Limited

ABN

37 637 802 496

Quarter ended ("current quarter")

31 March 2023

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	(707)	(707)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(114)	(114)
	(e) administration and corporate costs	(114)	(114)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	9	9
1.5	Interest and other costs of finance paid	(1)	(1)
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	(927)	(927)

2.	Cash flows from investing activities		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	(75)	(75)
	(d) exploration & evaluation	-	-
	(e) investments,	-	-
	(f) other non-current assets, including bonds and deposits	-	-



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	1,500	1,500
	(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)	291	291
2.6	Net cash from / (used in) investing activities	1,716	1,716
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	-	-
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 (payment of principal element of lease liabilities)	(5)	(5)
3.10	Net cash from / (used in) financing activities	(5)	(5)
4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	535	535
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(927)	(927)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	1,716	1,716
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(5)	(5)



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	(2)	(2)
4.6	Cash and cash equivalents at end of period	1,317	1,317

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	1,317	535
5.2	Call deposits	-	1,520
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)	1,317	2,055

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	(114)
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

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.

7.	Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
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.		
	N/A		



8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (item 1.9)	(927)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(927)
8.4 Cash and cash equivalents at quarter end (item 4.6)	1,317
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	1,317
8.7 Estimated quarters of funding available (item 8.6 divided by item 8.3)	1.42
<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>	
8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1 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?	
<p>Answer: The entity expects operating levels to decrease as exploration costs are expected to continue to be optimised as the entity fully implements the use of existing equipment to more efficiently and effectively undertake its exploration activities.</p>	
8.8.2 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?	
<p>Answer: The entity believes it will be able to raise further capital needed, in the quantum and at the time required, as a follow up to its successful completion of its initial public offering of \$10 million, completed in October 2021.</p>	
8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
<p>Answer: The entity does expect to be able to continue its operations and to meet its business objectives through the combination of management of discretionary spend and raising additional capital as and when required.</p>	
<i>Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.</i>	

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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 April 2023

Authorised by: the Board

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.

