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20th July 2023

Company Announcement Officer ASX Limited Exchange Centre 20 Bridge Street SYDNEY NSW 2000

ACTIVITIES REPORT FOR THE QUARTER ENDED 30 June 2023

HIGHLIGHTS

Bowdens Silver Project, New South Wales

- Bowdens Silver Project obtains development approval from the Independent Planning Commission of New South Wales.
- The Project has received approvals to proceed to development and production subject to conditions of consent.

Bowdens Silver Project Exploration

- Drilling to test for extensions to mineralisation at the Aegean Zone intersects the highest-grade silver drilled in this zone to date.
- BD22055: 6 metres @ 1,251g/t silver from 335 metres.
- This new drill intercept situated at the northern edge of the recently announced Mineral Resource Estimate¹ for the Bowdens Silver Project and provides further extensional exploration targets.
- Other results from the Bundarra Zone returned:
- BD22056: 156 metres @ 75g/t silver equivalent (34g/t silver, 0.27% zinc, 0.34% lead and 0.19g/t gold) from 169 metres, including:
 - 2 metres @ 926g/t silver equivalent (850g/t silver, 0.24% zinc, 1.70% lead and 0.06g/t gold) from 189 metres, and
 - 10 metres @ 224g/t silver equivalent (68g/t silver, 0.12% zinc, 0.33% lead and 1.65g/t gold) from 246 metres.
- Exploration drilling continues with two diamond drill rigs on site.

¹ ASX release "Updated Mineral Resource Estimate for Bowdens Silver Deposit" dated 31st March 2023.



Bowdens Silver Project Development Approval

The Bowdens Silver Project is the largest undeveloped silver deposit in Australia and lies within Exploration Licence 5920, which is 100% held by Silver Mines Limited ("Silver Mines" or the "Company"). The Project is located in central New South Wales, approximately 26 kilometres east of Mudgee.

In May 2020, the Company completed and submitted the Bowdens Silver Development Application and associated Environmental Impact Statement ("EIS") to the New South Wales Department of Planning and Environment ("DPE"). In March 2021, the Company announced the submission of its Mining Lease Application ("MLA 601").

The proposed development comprises an open-cut mine feeding a new processing plant with a conventional milling circuit and differential flotation to produce two concentrates that will be sold for smelting off site.

Plant capacity is designed for 2.0 million tonnes per annum with a mine life of 16.5 years. Life of mine production is planned to be approximately 66 million ounces of silver, 130,000 tonnes of zinc and 95,000 tonnes of lead.

From the EIS exhibition process, the Company received no objections to the Project from any of the Government agencies and received resounding public support.

At the end of the December 2022 quarter, the Company advised that the DPE had assessed the Project as being in the public interest and approvable subject to conditions of consent. The DPE referred the Project to the Independent Planning Commission of New South Wales ("IPC") for final determination.

On 3rd April 2023, the IPC announced the approval of the Bowdens Silver Project allowing the Project to proceed to development and production subject to conditions of consent.

Silver Mines continues an extensive program of consultation with relevant Government departments, local communities, and other interested stakeholders. Consultation processes focus on the current mine development area and the wider area where the Company is commencing or undertaking exploration programs.

The Company is advanced in an optimisation program for the updating of the Bowdens Silver Feasibility Study completed in 2018. The update program is examining all aspects of the development including Ore Reserves, mine design, metallurgy, process design and economic and market considerations. The optimisation program is scheduled for completion by the end of March quarter 2024.

The Company has also been undertaking a Scoping Study for potential underground mining scenarios. The study considers potential underground mining scenarios beneath the planned approved open-pit development. This underground study has been placed on hold given the prioritised Feasibility Study optimisation program.



Bowdens Project Exploration

During the June 2023 quarter, Silver Mines provided an update on exploration drilling activities and recent assay results from the Bowdens Silver Project.

Exploration drilling during the second half of 2022 tested for extensions to higher-grade mineralisation outside the current planned open-cut pit design as well as for extensions to the Southern Gold Zone. The Aegean, Northwest and Bundarra Zones remain areas of mineralisation that is open in many orientations and as such, continue to be targets for diamond drilling. This release provides an update on assays from recent drill holes (refer to Figure 1).

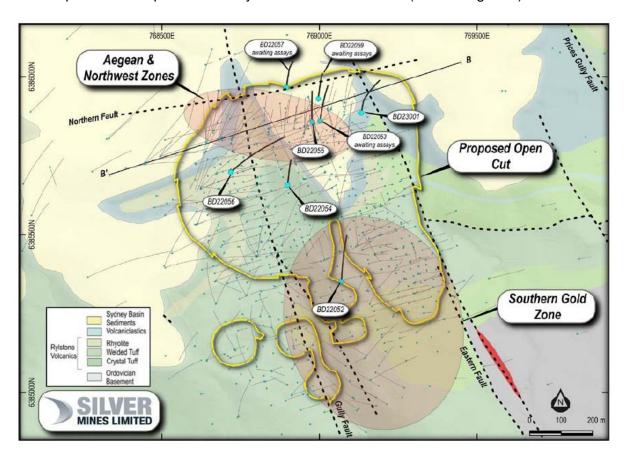


Figure 1. Reported drillhole locations at the Bowdens Silver Project.

Aegean Zone

The maiden Underground Mineral Resource Estimate at Bowdens Silver, released in September 2022, included high-grade mineralisation situated within the Aegean, Northwest, and Bundarra Zones. The Aegean and Northwest Zones comprise high-grade silver in association with zinc and lead, while the Bundarra Zone comprises wide silver, zinc, lead and gold mineralisation. The Underground Resource Estimate totalling 42.9 million ounces silver equivalent,² demonstrated that the three Zones remain open in various directions.

² ASX release "42.9Moz Silver Equivalent Resource for Bowdens Underground" dated 5th September 2022. **Silver Mines Limited**



Diamond drilling has continued to test for extensions to these resource areas around the Aegean and Northwest Zones.

The Aegean Zone contains silver only mineralisation defined by silver sulphides (tetrahedrite/freibergite) formed in veins and vein breccias. The zone is currently defined over 200 metres in strike, is 180 metres wide and typically 50 metres thickness. Results from BD22028 and BD22033 confirmed extensions to the Aegean Zone to the east,³ while results from current hole BD22055 confirm extensions to the northwest (see Figure 2). Importantly, the intercept in BD22055 has returned as the **highest-grade silver intercept** currently within the Aegean or Northwest Zones. The intercept is:

6 metres @ 1,251g/t silver and 0.18% lead from 335 metres.

An individual one metre intercept was returned at 6,264g/t silver within the six-metre intercept. The drill result is on the very edge of the Mineral Resource Update released 31 March 2023, and suggests the Aegean Zone continues to be open to the north. Further drilling has been completed with assays pending, refer Figure 1, to test beyond this drill intercept to the north.

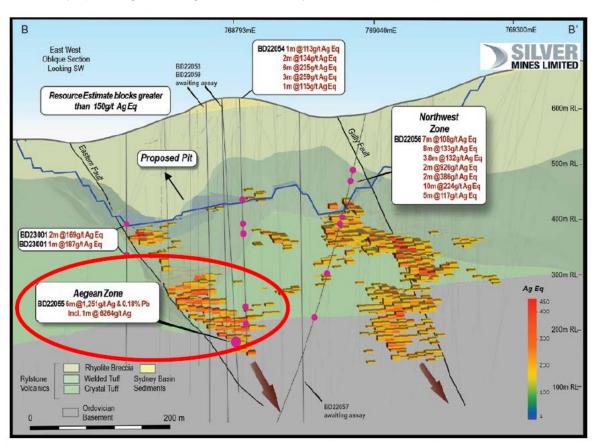


Figure 2. Oblique section showing drilling results in the Aegean Zone.

Drilling also tested for potential continuations to high-grade mineralisation of the Aegean Zone to the southwest in BD22054. Results from two intervals include:

³ ASX release "Southern Gold Zone expands to 300 metres strike at Bowdens Silver Project" dated 30th January 2023. **Silver Mines Limited**



- 6 metres @ 235g/t silver equivalent (131g/t silver, 1.52% zinc and 0.72% lead) from 138 metres, and
- 3 metres @ 259g/t silver equivalent (238g/t silver, 0.12% zinc and 0.41% lead) from 158 metres.

BD23001 was drilled to test for possible extensions of the Aegean Zone to the east and up dip into the Eastern Fault. The hole returned some narrow high-grade silver at shallow depths including:

- 2 metres @ 169g/t silver equivalent (150g/t silver, 0.20% zinc and 0.26% lead) from 112 metres, and
- 1 metre @ 187g/t silver equivalent (3g/t silver and 3.71% zinc) from 175 metres.

The Aegean Zone remains open mostly to the north, with assays pending from holes BD22053, BD22057 and BD22059 testing for further extensions of mineralisation of the Zone.

Extensional Drilling

Drilling has also focused on the potential for continuations to higher-grade mineralisation outside the current Ore Reserve, predominantly as extensions to the Underground Mineral Resource Estimate. Results from BD22056 drilled within and below the Bundarra Zone in the centre of the Deposit includes silver rich Northwest style mineralisation, as well as gold rich Bundarra mineralisation:

- 156 metres @ 75g/t silver equivalent (34g/t silver, 0.27% zinc, 0.34% lead and 0.19g/t gold)
 from 169 metres, including;
 - 2 metres @ 926g/t silver equivalent (850g/t silver, 0.24% zinc, 1.70% lead and 0.06g/t gold) from 189 metres, and
 - 10 metres @ 224g/t silver equivalent (68g/t silver, 0.12% zinc, 0.33% lead and 1.65g/t gold) from 246 metres.

BD22052, drilled within the central area of the planned open-cut pit, above the Southern Gold Zone, has returned significant results at depth through the Southern Gold Zone, in addition to the previously announced shallow intercept:⁴

- 2 metres @ 459g/t silver equivalent (198g/t silver, 2.15% zinc, 3.08% lead and 0.58g/t gold)
 from 277 metres, and
- 5 metres @ 90g/t silver equivalent (11g/t silver, 0.73% zinc, 0.75% lead and 0.21g/t gold) from 316 metres.

⁴ Silver Mines Limited release "Southern Gold Zone expands at Bowdens Silver Project" dated 29 March 2023. **Silver Mines Limited**



Exploration Programs

The Company currently has two diamond core rigs drilling on site. Exploration is also targeting regionally prospective areas of the Rylstone Volcanics, as well as targets at the Bowdens Silver Deposit. The Bowdens Silver Deposit targets currently include extensions to the Underground Mineral Resource estimate (below 200 metres) where it remains open, including the Southern Gold Zone, and regional exploration targets as defined by the 2022 seismic survey.⁵

Exploration programs are being planned and initial site investigations commenced across a historic prospect identified by CRA Exploration (CRA) in 1990 named Bara Creek. The Bara Creek Prospect is situated on the northern rim of the Bowdens Project caldera (a circular volcanic structure) seven kilometres north of the Bowdens Silver Project. Bara Creek consists of the same rock types as those that host the Bowdens Silver Project. Historic work by CRA highlighted anomalous gold, copper, silver, zinc and antimony in stream sediment sampling with limited further exploration.

A seismic survey is planned to cover a large area of the Company's current exploration tenure including the Bowdens Silver Project, the Barabolar Project, the Bara Creek Prospect and the Coomber Prospect. The survey will help the Company to model the thickness of the Rylstone Volcanics throughout the region and target prospective fault structures existent within the various Project and Prospect areas. The results of this program will ultimately help the Company to target areas of potential mineral deposition.

As announced in the December 2022 quarterly report, Bowdens Silver was awarded exploration funding of \$100,000 for drilling and \$50,000 for additional seismic surveys at the Bowdens Silver Project, under the NSW Government New Frontiers Exploration Program. The drilling program has commenced, while the seismic survey is in the planning stage. The seismic surveys falls under the Company's research and development programs designed to increase predictivity of mineralisation and geometallurgical factors.

Now that the Bowdens Silver Project has received development approvals, the Company's regional exploration programs will be further expanded within the group's tenure.

Subsequent to the end of the June 2023 quarter, EL9850 located to the east of Bowdens Silver was granted (see Figure 3).

Barabolar Project

During the December 2022 quarter, the Company completed drilling activities at the Barabolar Project located approximately 26 kilometres east of Mudgee and 10 kilometres northwest of the Company's Bowdens Silver Project in Central New South Wales.

The Barabolar Project is a high-quality exploration project located within the highly prospective Macquarie Arc that also hosts world-class mineral systems such as the Cadia-Ridgeway porphyry copper-gold deposit. Barabolar consists of an extensive corridor of gold, copper, silver, zinc and lead soil and rock chip anomalies.

⁵ Silver Mines Limited release "Seismic Survey Highlights Significant New Drill Targets" dated 15 August 2022. **Silver Mines Limited**



The initial diamond program at Barabolar (Mt Laut and Crossroads prospects) has been completed with seven holes drilled for 3,341 metres and with fewer than 1,000 assays still pending. Across the area from Crossroad to Mt Laut drilling encountered moderately to intensely altered rhyolitic to dacitic composition tuffs and some rhyolite lavas. Alteration consists of initial illite and muscovite which is overprinted by chlorite and carbonate. The primary sulphide mineral observed is pyrite which occurs as an alteration mineral and within veins. Other sulphides observed within frequent veins include sphalerite, chalcopyrite, galena and pyrrhotite.

Alteration and mineralisation is indicative of a broad hydrothermal system with exploration to continue to focus on areas of most intense veining and base metal sulphide development.

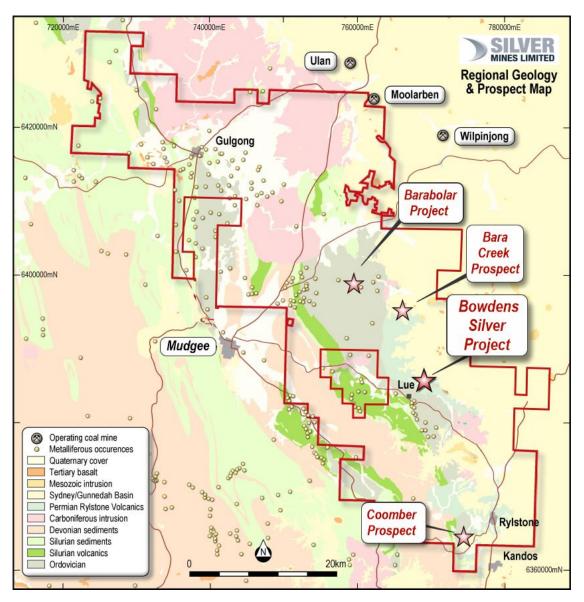


Figure 3. Silver Mines Limited tenement holdings in the Mudgee district and prospects.



On-going Research & Development (R&D)

The Company is continuing its commitment to R&D projects, including a project focused on 3D machine learning technologies for predicting geometallurgical properties within the deposit and to understand targeting of mineralised extensions. The Company is engaged with several research providers, as well as internal staff, to provide cutting edge technologies and processes that may have a positive impact on future economic development and discovery.

About the Bowdens Silver and Barabolar Projects

The Bowdens Silver Project and Barabolar Projects are located in central New South Wales, approximately 26 kilometres east of Mudgee (see Figure 4). The consolidated project area comprises 2,115 km² (521,000 acres) of titles covering approximately 80 kilometres of strike of the highly mineralised Rylstone Volcanics and underlying sediments, intrusions and volcanics of the Macquarie Arc. Multiple target styles and mineral occurrences have potential throughout the district including analogues to Bowdens Silver, high-grade silver-lead-zinc epithermal, volcanogenic massive sulphide (VMS) systems and copper-gold targets.

Bowdens Silver is the largest undeveloped silver deposit in Australia and one of the largest globally with substantial resources and a considerable body of high-quality technical work completed. The projects boast outstanding logistics for future mine development.

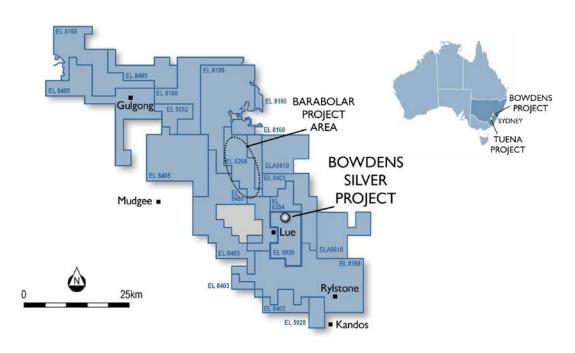


Figure 4. Silver Mines Limited tenement holdings in the Mudgee district.



Tuena Gold Project

The Tuena Gold Project is located 80 kilometres south of the city of Orange in New South Wales (refer to Figure 5).

The Tuena area was the scene of a historic gold rush, with gold extracted from several narrow high-grade gold reefs over a regional trend greater than 5 kilometres of strike length. The Company has completed reconnaissance mapping, rock sampling and soil geochemistry; as well as flown a detailed magnetic survey. The Company has defined >15 individual zones with anomalous gold in soil sampling associated with historic workings. Rock samples have also returned highly anomalous gold results at Peeks Reef (up to 76.4 g/t Au in rock sampling), Cooper & McKenzie and the Eastern Prospects (Refer to release dated 23 October 2019).

During the March 2021 quarter, the Company completed a 20-hole 4,000 metre drill program designed to test beneath several of the historic hard-rock gold workings and associated geochemistry anomalies along an extensive 5.4 kilometre by 1.5-kilometre shear complex within EL8526. In addition, two targets, at Lucky Hit South and Markham's Prospects, have been identified with both gold and base-metal pathfinder signatures. Both prospects adjoin historic workings at Lucky Hit and Markham's Hill respectively and are clearly defined by soil chemistry with anomalism of silver, bismuth, lead, tellurium and gold (refer release dated 19th May 2020). These targets are being tested for bulk-tonnage gold mineral systems and have a comparable signature and scale to the McPhillamy's Gold Project (Regis Resources) located north of the Tuena Gold Project.

For further information on the drilling program and results, refer to the March 2021 quarterly report.

Alteration associated with mineralisation consists of sericite—silica—carbonate with the project area mostly metamorphosed to schist and phyllite. The distribution of gold mineralisation suggests that a substantial hydrothermal system has affected the area. Results from this initial program are being collated and will guide follow-up drilling to test the extents of gold encountered.

This program represents the first modern drilling to be completed in the Tuena project area. However, in recent years there have been substantial gold discoveries made along the strike of the Copperhannia Fault including the McPhillamy's deposit to the north of Tuena (Regis Resources).

The Company is planning further work in follow up to the Tuena Gold Project drilling program and is also planning an expanded regional exploration program extending from immediately south of the McPhillamy's Project and across EL8973, EL8974, EL8526 and EL8975.

Application was made during the quarter for vacant exploration ground at Tuena covering the historic Elsinora Prospect. The Elsinora Prospect was held by Alkane Resources (ASX:ALK) until May 2023. The Elsinora Prospect is considered prospective for orogenic-style gold mineralisation and volcanic-hosted gold and base metal mineralisation. Granting of ELA 6619 licence is expected during the September 2023 quarter.



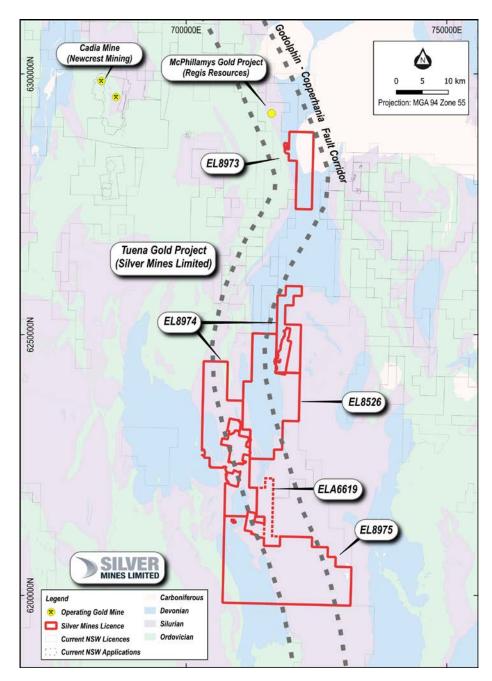


Figure 5: Tuena Gold Project regional setting.



About the Tuena Gold Project

The Tuena Gold Project is a regional exploration project that consists of a four exploration licenses covering 747 square kilometres. The project is 100% owned by Silver Mines Limited and is located in the Southern Tablelands of New South Wales, 180 kilometres west of Sydney, 80 kilometres south of Orange and 150 kilometres southwest of the Company's primary assets the Bowdens Silver Project and the Barabolar Project. Tuena was the site of a mid-1800s alluvial and hard-rock gold rush. A cluster of historic workings closely associated with the major Copperhania Thrust Fault extend over an area approximately six kilometres by four kilometres. The Company is targeting the region for large structurally controlled gold deposits analogous to the nearby McPhillamys Gold Deposit.

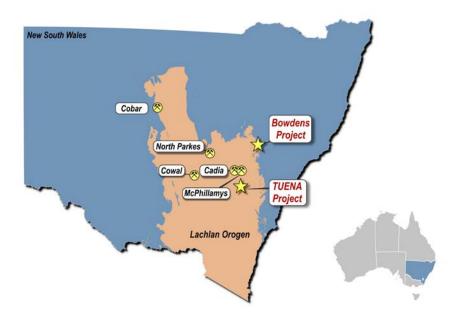


Figure 6. Silver Mines Limited project in the Lachlan Orogen.



Corporate

Waiver

On 9 November 2022, shareholders approved at the Annual General Meeting of the Company ("Approval") a waiver granted by ASX Listing Compliance on 23 September 2022 ("Waiver"). The Waiver relates to the issue of 10,000,000 fully paid ordinary shares ("Deferred Consideration Shares") in the Company to be issued to a Director of the Company in accordance with the provisions of the share sale and purchase deed dated 3rd May 2016 ("Deed"), which effectuated the purchase of the Bowdens Silver Project. In accordance with the Deed the Deferred Consideration Shares are to be issued upon:

- achievement of the mining lease granted by the NSW Department of Planning, Industry and Environment pursuant to the Mining Act 1992 (NSW) in connection with the Bowdens Silver Project ("Mining Lease Milestone"); or
- an occurrence of a change of control such as a takeover bid pursuant to section 9 of the Corporations Act 2001 (Cth), ("Takeover Condition").

The Company confirms the Deferred Consideration Shares have not been issued in the June 2023 quarter. The Deferred Consideration Shares may only be issued if either the Mining Lease Milestone is achieved or the Takeover Condition occurs in the period that is 24 months from the date that Approval was obtained.

Appendix 5B

As set out in the attached Appendix 5B, exploration expenditure during the quarter totalled A\$2.886 million and focussed predominately on the Company's Bowden Silver Project. Payments to related parties totalling A\$0.526 million consisted of remuneration paid to executive and non-executive directors and an associate of a director under respective service agreements.

Further information:

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Managing Director Account Director

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About Silver Mines Limited

The Silver Mines strategy has been to consolidate quality silver deposits in New South Wales and to form Australia's pre-eminent silver company.

The Company's goal is to provide exceptional returns to shareholders through the acquisition, exploration and development of quality silver projects and by maximising leverage to an accretive silver price.



Competent Persons Statement

The information in this report that relates to Mineral Resources is based on work compiled by Mr Arnold van der Heyden who is a Director of H & S Consultants Pty Ltd. Mr van der Heyden is a member and Chartered Professional (Geology) of the Australian Institute of Mining and Metallurgy and 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC code). Mr van der Heyden consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

The information in this report that relates to mineral exploration from the Bowdens Silver Project is based on information compiled by the Bowdens Silver team and reviewed by Dr Darren Holden who is an advisor to the company. Dr Holden is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM) and 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC code). Dr Holden consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.



Tenement Information as at 30th June 2023

Tenement	Project Name	Location	Silver Mines Ownership	Change in Quarter
EL 5920	Bowdens Silver	NSW	100%	-
EL 6354	Bowdens Silver	NSW	100%	-
EL 8159	Bowdens Silver	NSW	100%	-
EL 8160	Bowdens Silver	NSW	100%	-
EL 8168	Bowdens Silver	NSW	100%	-
EL 8268	Bowdens Silver	NSW	100%	-
EL 8403	Bowdens Silver	NSW	100%	-
EL 8405	Bowdens Silver	NSW	100%	-
EL 8480	Bowdens Silver	NSW	100%	-
EL 8682	Bowdens Silver	NSW	100%	-
ELA6610 ¹	Bowdens Silver	NSW	application	-
EL 8526	Tuena	NSW	100%	-
EL 8973	Tuena	NSW	100%	-
EL 8974	Tuena	NSW	100%	-
EL 8975	Tuena	NSW	100%	-
ELA6619	Tuena	NSW	application	-

^{1.} Subsequent to the end of the quarter granted as EL9850.



Table 1. Drill collar locations for new diamond results.

Target	Hole ID	GDA94 East	GDA94 North	RL (m)	Dip	Azimuth (grid)	Depth (m)	Drill Type	Comment
Southern Au	BD22052	769069	6385351	644	-65	10	360.4	Core	Assays returned
Aegean Zone	BD22054	768899	6385656	619	-75	10	345.1	Core	Assays returned
Aegean Zone	BD22055	768977	6385856	654	-75	0	410	Core	Assays returned
Northwest/ Bundarra Zones	BD22056	768718	6385697	611	-68	45	501.1	Core	Assays returned
Aegean Zone	BD23001	769133	6385885	623	-81	8	552.7	Core	Assays returned



Table 2. Summary of all recent diamond drilling intercepts.

Hole	From	То	Interval	Silver	Zinc	Lead	Gold	Copper	Silver Eq
	(m)	(m)	(m)	(g/t)	(%)	(%)	(g/t)	(%)	(g/t)
BD22052	255	256	1	50	0.11	0.21	0.46	0.01	100²
	271	272	1	13	0.64	0.92	0.35	0.02	105²
	277	279	2	198	2.15	3.08	0.58	0.05	459²
	302	303	1	18	1.29	1.12	0.16	0.01	133²
	307	308	1	14	0.72	0.82	0.50	0.03	120²
	316	321	5	11	0.73	0.75	0.21	0.01	90²
	350	351	1	42	1.34	2.60	0.29	0.04	223 ²
	357	358	1	141	0.53	0.25	0.44	0.02	213 ²
BD22054	28	164	136	23	0.31	0.15	0.01	-	45 ¹
	71	72	1	51	0.79	0.25	-	-	99²
	99	100	1	70	0.58	0.37	0.02	-	113 ²
	128	130	2	51	1.20	0.56	0.05	0.01	134 ²
	138	144	6	131	1.52	0.72	0.04	0.01	235 ²
	150	153	3	40	0.48	0.31	0.01	-	75 ²
	158	161	3	238	0.12	0.41	0.01	0.01	259 ²
	274	275	1	66	0.36	0.60	0.09	0.03	115 ²
	288	289	1	79	0.08	0.09	0.07	0.01	92 ²
	309	310	1	22	0.58	0.99	0.15	0.01	97 ²
	314	315	1	30	0.25	1.59	0.06	0.02	103²
BD22055	187	200	13	6	0.43	0.13	ı	-	32 ¹
	335	341	6	1251	0.04	0.18	-	0.01	1259²
	339	340	1	6264	0.06	0.67	-	0.06	6289 ²
BD22056	3.4	158.8	155.4	15	0.42	0.30	-	-	46¹
	4	5	1	166	0.03	0.03	i	-	168²
	15	16	1	73	0.23	0.27	ı	-	942
	33	34	1	34	1.13	0.55	-	-	108²
	73	80	7	21	1.19	0.83	-	-	108²
	86	94	8	23	1.54	0.96	0.01	-	133²
	109	110	1	31	1.66	0.76	-	-	139²
	117	119	2	53	0.64	0.66	0.02	-	108²
	130	134	4	45	0.16	0.51	0.05	0.01	76²
	155	158.8	3.8	46	1.03	0.96	0.02	-	132²
	169	325	156	34	0.27	0.34	0.19	0.02	75¹
	170	172	2	71	0.40	2.57	0.03	0.02	180²
	178	179	1	88	0.48	1.41	0.02	0.01	163²
	189	191	2	850	0.24	1.70	0.06	0.03	926²

Silver Mines Limited

ABN: 45 107 452 942



Hole	From	То	Interval	Silver	Zinc	Lead	Gold	Copper	Silver Eq
	(m)	(m)	(m)	(g/t)	(%)	(%)	(g/t)	(%)	(g/t)
	198	200	2	294	0.57	1.46	0.16	0.03	386²
	214	215	1	29	0.87	0.54	0.02	-	92 ²
	237	239	2	85	0.12	0.61	0.51	0.05	158²
	246	256	10	68	0.12	0.33	1.65	0.07	224 ²
	261	263	2	61	0.12	0.59	0.93	0.01	161 ²
	274	275	1	63	0.23	0.63	0.11	0.03	107 ²
	292	297	5	24	0.87	0.87	0.19	0.04	117 ²
BD23001	101	121	20	25	0.23	0.05	-	-	38¹
	112	114	2	150	0.20	0.26	ı	-	169²
	175	176	1	3	3.71	0.01	-	-	187 ²
	311	312	1	72	0.28	0.66	-	0.02	108²

^{1.}Bowdens' reported silver equivalent is consistent with previous reports and current resource modelling based on assumptions, calculated from prices of US\$20/oz silver, US\$1.50/lb zinc, US\$1.00/lb lead, US\$1600/oz gold and metallurgical recoveries of 85% silver + gold, 82% zinc and 83% lead estimated from test work commissioned by Silver Mines Limited. Silver equivalency updated to also include significant gold and copper credit assuming the same recovery as silver, with gold:silver price ratio of 80:1 based on the approximate price ratio: Ag Eq (g/t) = Ag (g/t) + 33.48*Pb (%) + 49.61*Zn (%) + 80*Au(g/t) + 113.08*Cu%.

Intercepts calculated using a 30g/t Ag Eq cut-off and 10 metre internal dilution factor, with highest individual assay results highlighted as included within overall intercept.

^{2.} Intercepts calculated using a 90g/t AgE cut-off and 3 metre internal dilution factor, with highest individual assay results highlighted as included within overall intercept.



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Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1m samples from which 3kg was pulverised to produce a 30g charge for fire assay.') In other cases, more explanation may be required such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information. 	 Sampling taken continuously downhole from PQ and HQ diameter diamond core. PQ size core – all samples taken as nominal 1 or 2 metre intervals, or as otherwise defined by logged geology intervals, from quarter cut core. HQ size core – all samples taken as nominal 1 metre intervals where mineralisation observed from half cut core, or as otherwise defined by logged geology intervals and from the same side of the core where downhole orientations permit. Samples vary in weight but are generally between 2 and 4 kilograms of material. Each sample was sent for multi-element assay using ICP technique (ME-ICP61) with the entire sample pulverized and homogenized with a 25g extract taken for assay. Select samples were also sent for gold using fire assay technique (Au-AA23) with a 30g sample taken for assay. Assays are considered representative of the sample collected.
Drilling techniques	 Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	 Diamond drilling undertaken using PQ and HQ diamond core with triple tube used. All core, excluding PQ size, where unbroken ground allows, is oriented by drilling team and an orientation line drawn along the base of the hole.
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. 	 Core recovery is estimated at greater than 98%. Some zones, (less than 5%) were broken core with occasional clay zones where sample loss may have occurred. However, this is not considered to have materially affected the results.

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Criteria	J	ORC Code explanation	Com	nmentary
	•	Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.		o significant relationship between sample recovery and grade kists.
Logging	•	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged.	m • Al	Il diamond core is logged using lithology, alteration, veining, ineralisation and structure, including geotechnical structure. Il core is photographed using both a wet and dry image. all cases the entire hole is logged by a geologist.
Sub-sampling techniques and sample preparation		If core, whether cut or sawn and whether quarter, half or all core were taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance, results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled.	MAldereForeSam	elective sub-sampling based on geology to a maximum size of 2 letres and a minimum of 0.3 metres. Il core is cut using a Corewise core saw with core rotated 10 legrees to the orientation line to preserve the orientation for future efference. For HQ core the half of the core without the orientation line is emoved, bagged and sent to the laboratory for assay. Fample sizes are considered appropriate for the rock type, style of ineralisation, the thickness and consistency of the intersections and ssay ranges expected at Bowdens.
Quality of assay data and laboratory tests	•	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibration factors applied and their derivation, etc. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	sty Pr • Si ar qu	reviously listed assay methods are considered appropriate for the yle of mineralisation under investigation at the Bowdens Silver roject. ite standards and blanks are inserted at a rate of 8 per 100 samples, and duplicates are inserted at a rate of 5 per 100 samples to check uality control. Laboratory standards and blanks are inserted every 5 samples.

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Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 Significant intersections calculated by Bowdens Silver geologists. All geological logging is entered digitally before inputting into a Maxwell Geoservices database schema. Primary assay data is sent electronically from the laboratory to the SVL database administrator and then entered into the geological database for validation. All assays matched with the logging sheets and loaded directly from the output provided by the laboratory with no manual entry of assays undertaken. No adjustments were made or required to be made to the assay data.
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	 The collar position is initially surveyed using hand-held GPS with accuracy of +- 3 metres. Down hole surveys collected every 30 metres using an electronic downhole reflex survey camera. The terrain includes steep hills and ridges with a digital elevation model derived from a combination of locally flown LIDAR and publically available point cloud data. All collars recorded in MGA94 zone 55.
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	The drilling results relate to exploration and resource drilling at the Bowdens Silver Deposit. Drilling is not defined to a set spacing.
Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	 Drill orientation was designed to intersect the projection of the major structural controls to the Deposit. An interpretation of the mineralisation has indicated that no sampling bias has been introduced.
Sample security	The measures taken to ensure sample security.	 All samples bagged on site under the supervision the senior geologist with sample bags tied with cable ties before being driven by site personnel to the laboratory in Orange, NSW (~200 kilometres from

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Criteria	JORC Code explanation	Commentary
		the site)
Audits or reviews	 The results of any audits or reviews of sampling techniques and data. 	The drilling campaign and drill work includes on-going internal auditing with advice taken on process from external advisors.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	 Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	 The Bowdens Resource is located wholly within Exploration Licence No 5920, held wholly by Silver Mines Limited and is located approximately 26 kilometres east of Mudgee, New South Wales. The tenement is in good standing. The project has a 2.0% Net Smelter Royalty which reduces to 1.0% after the payment of US\$5 million over 100% of EL5920 The project has a 0.85% Gross Royalty over 100% of EL5920.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 The Bowdens project was previously managed by Kingsgate Consolidated and Silver Standard Ltd, however the new results under this table are based on work conducted solely by Silver Mines Limited/Bowdens Silver Pty Limited.
Geology	Deposit type, geological setting and style of mineralisation.	 The Bowdens Deposit is a low to intermediate sulphidation epithermal base-metal and silver system hosted in Carboniferous aged Volcanic rocks and Ordovician aged sediments and volcanics. Mineralisation includes veins, breccias and fracture fill veins within tuff and ignimbrite rocks, and semi massive veins, breccias and fracture fill in siltstone, shale and sandstone. Mineralisation is overall shallowly dipping (~15 degrees to the north) with high-grade zones preferentially following a volcanic intrusion and major fault fracture zones. There are several vein orientations within the broader mineralised zones including some areas of stock-work veins.



Criteria	JORC Code explanation	Commentary
		 The mineralisation reported in this release is hosted in the Rylstone Volcanics and the Coomber Formation.
Drill hole Information	 A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar; elevation or RL (Reduced Level elevation above sea level in metres) of the drill hole collar; dip and azimuth of the hole; down hole length and interception depth; and hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	All information is included in Table 1 of this report above.
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	 Intersection calculation are weighted to sample length. The average sample represents 1 metre of drill core. Reported intersections are based on a cut off of 30g/t silver equivalency including gold and copper with a 10 metres internal dilution factor, or a cut off of 90g/t silver equivalency including gold and copper with a 3 metres internal dilution factor. No top cutting of data or grades was undertaken in the reporting of these results.
Relationship between mineralisation widths and intercept lengths	 These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known'). 	 Mineralisation is both stratabound and vein hosted. The stratigraphy dips moderately to the north within the volcanics and moderately to the west in the basement units, while the majority of mineralised veins dip west. Some individual veins intersected were sub-parallel (~10 to 20 degrees to core axes). However, given the stratigraphic controls on the zones, the drilling width is estimated to be 100 to 140% of truewidth for stratabound mineralized zone.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to, a plan view of	Maps and cross sections provided in the body of this report.

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Criteria	JORC Code explanation	Commentary
	drill hole collar locations and appropriate sectional views.	
Balanced reporting	 Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	 All results received and compiled to date are reported in this release. Drilling is on-going with further results expected.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including but not limited to: geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics and potential deleterious or contaminating substances.	This report relates to drill data reported from this program.
Further work	 The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	 This report relates to a drill program that is designed to test the extension and explore for further zones of high-grade silver situated around and beneath the Bowdens Silver Deposit. Drilling is on-going with further results pending.

Appendix 5B

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

Name of entity

Silver Mines Limited						
ABN	Quarter ended ("current quarter")					
456 107 452 942	30 June 2023					

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers	51	267
1.2	Payments for		
	(a) exploration & evaluation	-	-
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(426)	(1,229)
	(e) administration and corporate costs	(395)	(1,667)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	34	83
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (farm operating expenses)	(30)	(364)
1.9	Net cash from / (used in) operating activities	(766)	(2,910)

2.	Cash flows from investing activities	3	
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	(75)	(192)
	(d) exploration & evaluation	(2,886)	(13,370)
	(e) intangible	(50)	(290)
	(f) Land and Building	(4,984)	(8,697)

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	(300)
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other	-	-
2.6	Net cash from / (used in) investing activities	(7,994)	(22,849)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	881	18,000
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	-	(1,080)
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	881	16,920

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	4,036	16,890
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(766)	(2,910)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(7,994)	(22,849)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	881	16,920

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	8,051	8,051

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	8,051	15,930
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)	8,051	15,930

associates	Current quarter \$A'000
Aggregate amount of payments to related parties and their associates included in item 1	526
Aggregate amount of payments to related parties and their associates included in item 2	Nil
	Aggregate amount of payments to related parties and their associates included in item 1 Aggregate amount of payments to related parties and their

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 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.	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)	5,327	
7.4	Total financing facilities	5,327	-
7.5	Unused financing facilities available at qu	arter end	5,327

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.

The above relates to a financial asset that Silver Mines Limited has with Enable Investments Pty Ltd. Silver Mines Limited is able to call on these funds as follows: 50% within 30 business days with the balance within 60 calendar days. Silver Mines Limited earns interest during the period ranging between 3% and 4% per annum.

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(766)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(2,886)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(3,652)
8.4	Cash and cash equivalents at quarter end (item 4.6)	8,051
8.5	Unused finance facilities available at quarter end (item 7.5)	5,327
8.6	Total available funding (item 8.4 + item 8.5)	13,378
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	3.66
	Note: if the entity has reported positive relevant outgoings (i.e. a not each inflow) in item 9.3	onower item 9 7 as "NI/A"

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.

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?

Anewor.	Not A	pplicable
Answer.	INOL A	ppiicable

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?

Answer:	Not	App	licab	le
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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?
Answe	er: Not Applicable
Note: w	here 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.

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.

Data	20 July 2023
Date:	
	Trent Franklin, Company Secretary
Authorised by:	
	(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.
- 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.