

# **ASX Announcement**

19 December 2025

# Drilling commences at Maniopota lead-zinc-coppersilver-gold target.

#### **HIGHLIGHTS**

- Drilling starts at the Maniopota lead-zinc-copper-silver-gold target, west of Torpy's, a large
  hydrothermal system with associated skarn alteration, situated along strike from Red Dome and
  Mungana gold-base metal mines which exhibits many similarities to these nearby mines.
- Soil sampling has highlighted a strong, continuous copper-lead-zinc+/-silver-gold soil anomaly that
  extends for over 6km. Rock chip sampling by Ballymore has returned highly anomalous results of
  up to 22.20% Cu, 31.20% Pb, 13.80% Zn, 1.07 g/t Au and 585 g/t Ag.
- A CEI-funded heli-borne EM survey was completed over Maniopota in 2024 and delineated a number of conductive targets. Historic IP data has also been re-processed and identified chargeable anomalies in the area.
- Limited drilling was completed over 30 years ago, and has reported significant shallow intersections including:
  - MPRC05: 3m @ 10.72% Pb, 20.63% Zn & 0.35% Cu (13 16m)
  - MPRC04: 8m @ 4.4% Pb, 15.5% Zn, 20 g/t Ag & 0.21 g/t Au (6 14m)
  - This inaugural program will test a combination of geological, geochemical and geophysical targets.
  - Concurrently, a diamond drill rig has commenced further testing of the high-grade silver-leadzinc-indium mineralisation identified at the Torpy's prospect, following on from the successful inaugural RC program.

**Ballymore Resources' (ASX:BMR)** has commenced an initial drilling program targeting the Maniopota lead-zinc-copper-silver-gold target, 10km west of Torpy's and 20km south of Chillagoe. In addition, initial diamond drilling is underway at Torpy's.

#### **Ballymore Managing Director, Mr David A-Izzeddin, said:**

"Ballymore is excited to have commenced drilling at the Maniopota prospect. Located less than 10km west of Torpy's, Maniopota is an exciting polymetallic target. All our work to date has returned positive indicators, with soil sampling results, EM conductors, IP chargeable anomalies and high-grade rock-chips hinting at something significant. Following our success at Torpy's, Dittmer and Ruddygore, we are delighted to have identified another historic mine that has massive potential and has not been systematically explored.

We are also happy to advise that we have secured a diamond rig and started a follow-up program at Torpy's. The diamond rig will allow downhole EM and provide valuable geological information, to augment the exciting results announced to date and the assays due shortly."





Figure 1 – Diamond drilling of DTDD008 underway at Torpy's prospect, Ruddygore Project.

#### **About Maniopota Drilling**

Ballymore's preliminary reverse circulation ("RC") drilling program at Maniopota comprises five holes for 650m. These holes are targeting a variety of geological, geochemical and geophysical targets in the vicinity of the historic Maniopota mine workings. This initial drill program has been shortened in light of the expanded drill program at Torpy's and is expected to be completed in the next week. Further drilling is envisaged in 2026.

Planned Maniopota drill holes are summarised in Table 1.



Table 1 – Summary of Maniopota planned drill holes.

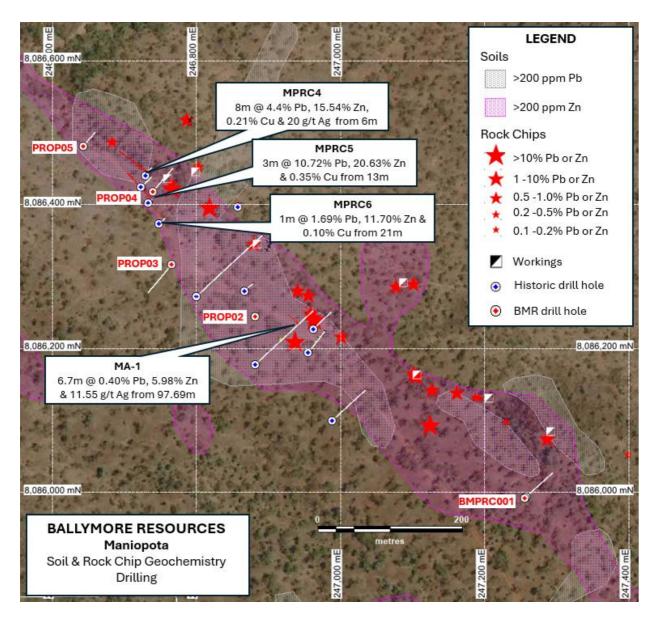


Figure 2 – Plan view of the Maniopota prospect, displaying the location of rock chip samples, +200ppm lead and zinc in soil anomalies, historic drill holes and Ballymore proposed holes.

#### **About Maniopota Prospect**

The Maniopota prospect is located within Ballymore's 100%-owned Ruddygore Project, near Chillagoe in North Queensland. The prospect contains numerous historic pits and shafts and lies within the major northwest-trending Palmerville Fault Corridor. This structural corridor hosts multiple



mineral occurrences and historic mines, including the significant Red Dome and Mungana gold-copper-zinc-lead-silver deposits, which together have produced approximately 3.2 Moz of gold.

The Mungana deposit was mined by Kagara Limited and Auctus Resources between 2008 and 2019 for copper–zinc–lead sulphide lenses associated with skarn mineralisation. Red Dome is a gold–copper–silver–molybdenum deposit that was developed as an open-pit mining operation by Elders Resources Limited and Niugini Mining Australia Ltd between 1986 and 1996, producing almost 1Moz of gold and historically ranking as one of the largest gold producers in North Queensland.

Maniopota is located approximately 30km southeast of Mungana within the same structural corridor. The prospect is situated along a highly altered and faulted contact between granitic rocks of the Almaden Granodiorite and sediments of the Chillagoe Formation, with mineralisation associated with extensive skarn development similar in style to the Red Dome and Mungana deposits.

Geological mapping by Ballymore has confirmed that Maniopota forms part of a major hydrothermal system with associated skarn alteration extending over a footprint of approximately 22 km. Maniopota is interpreted to be part of the same mineralising system responsible for the Mungana and Red Dome polymetallic deposits, sharing common host rocks and structural controls.

Soil sampling completed by Ballymore has further demonstrated the prospectivity of the area, identifying a strong, continuous copper–lead–zinc ± silver–gold soil anomaly extending for more than 6 km across the main Maniopota prospect. Mapping indicates that alteration continues toward Mungana and Red Dome, while initial soil sampling south of Chillagoe at the historic Henseys mine has also outlined extensive polymetallic mineralisation. An unsampled area at Eleventh, another historic mining area located between Henseys and Maniopota, remains untested and is planned for soil sampling infill in 2026.

Rock chip sampling undertaken by Ballymore in conjunction with geological mapping has returned high-grade copper, lead, zinc, silver and gold results. Assays have returned values of up to 22.20% Cu, 31.20% Pb, 13.80% Zn, 1.07 g/t Au and 585 g/t Ag¹. The highest-grade sample (RUD-105) returned 22.20% Cu, 1.07 g/t Au and 395 g/t Ag from a mullock grab sample of gossanous skarn material with associated malachite from the Maniopota workings.

The area has been previously tested by two small drilling programs conducted by Mines Exploration Pty Ltd in 1971 and Dominion Mining Limited / N.A. Adam / Stuart Foster in 1991-92<sup>1</sup>. A total of 14 holes have been completed for 1,059m and reported significant shallow intersections including:

- 3m @ 10.72% Pb, 20.63% Zn & 0.35% Cu (MPRC05: 13 16m)
- 8m @ 4.4% Pb, 15.5% Zn, 20 g/t Ag & 0.21 g/t Au (MPRC04: 6 14m)

<sup>&</sup>lt;sup>1</sup> Refer to ASX announcement - 13 April 2022 "High-grade rock chips confirm polymetallic potential at Maniopota"



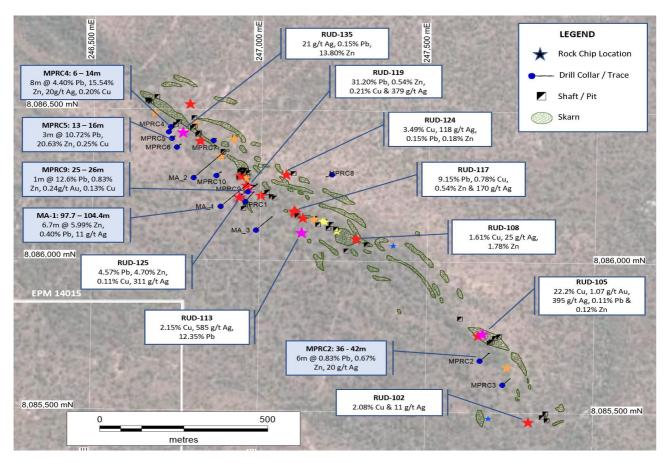


Figure 3 - Maniopota area showing location of rock chip samples and historic drill holes within the Maniopota mining area. Significant rock chip results (white) and drill results (blue) presented.

Table 2 – Summary of Maniopota historic drill results<sup>2</sup>

Cut Off	Hole	From	То	Interval (m)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	Au (g/t)
0.5% Zn	MPRC1	48	56	8	0.01	0.06	1.12	<1	<0.005
0.1 % Zn	MPRC2	36	42	6	0.02	0.83	0.67	20.00	0.01
0.1 % Zn	Including	38	40	2	0.02	1.35	0.67	20.00	0.01
0.1 % Zn	MPRC4	6	20	14	0.12	2.59	8.98	15.71	<0.005
1.0% <b>Z</b> n	Including	6	14	8	0.21	4.40	15.54	20.00	<0.005
1.0% Zn	MPRC5	13	16	3	0.35	10.72	20.63		0.01
1.0% Zn	MPRC6	21	22	1	0.10	1.69	11.70		<0.005
1.0% Zn	MPRC7	13	14	1	0.05	1.01	1.05		0.02
1.0% Zn	MPRC9	21	22	1	0.08	1.07	2.60		0.01
1.0% <b>Z</b> n	MPRC9	25	26	1	0.13	12.60	0.83		0.24
1.0% Zn	MA-1	97.7	104.4	6.7	0.06	0.40	5.99	11.11	0.00
1.0% Zn	MA-1	163.7	168.9	5.2	0.13	0.89	1.17	39.21	0.00

<sup>&</sup>lt;sup>2</sup> Refer to ASX announcement - 13 April 2022 "High-grade rock chips confirm polymetallic potential at Maniopota"



Geological mapping has recognised that sediments belonging to the Chillagoe Formation in the Maniopota area have undergone tight folding with mineralisation preferentially occurring in more reactive limestone and other carbonate-bearing units. Folding typically plunges shallowly to the north and potential remains for "blind" mineralisation to occur at shallow depths down-plunge from outcropping mineralisation.

While historic drilling has confirmed significant mineralisation beneath the main workings (e.g. **3m** @ **10.72% Pb & 20.63% Zn**), these programs did not adequately test interpreted plunging mineralised shoots identified through Ballymore's recent mapping.

#### **Torpy's Update**

Following the successful completion of the inaugural RC drilling program at Torpy's, a diamond drill hole is underway, targeting the high-grade lodes encountered in the initial drill holes in order to gain a greater understanding of the structural controls on mineralisation. Initial drill assays received for this program have reported spectacular results:

- BTPRC002: 6m @ 226.7 g/t Ag, 8.73% Pb, 7.58% Zn & 6.5 g/t In from 87m, inc 3m @ 350.1 g/t Ag, 13.05% Pb, 10.48% Zn & 7.7 g/t In from 87m
- BTPRC002: 16m @ 91.6 g/t Ag, 4.04% Pb, 3.67% Zn & 12.3 g/t In from 125m, inc
   2m @ 285.1 g/t Ag, 11.74% Pb, 6.05% Zn & 24.7 g/t In from 137m
  - BTPRC004: 15m @ 124.1 g/t Ag, 6.55% Pb, 6.69% Zn & 7.3 g/t In from 101m, inc 5m @ 280.6 g/t Ag, 15.47% Pb, 11.33% Zn & 12.3 g/t In from 108m

The drilling of this hole is expected to take one week to complete.

#### **Next Steps**

A geophysics crew is preparing to complete downhole EM surveys at Torpy's. These surveys will assist with targeting potential extensions to known massive sulphide mineralisation as well as recognising possible off-hole conductors associated with potential new lenses of mineralisation. Modelled data will likely be available in January.

Further assays are expected shortly from BTPRC005, 006 from Torpy's and 007 from Little Torpy's, with significant intervals of massive sulphide mineralisation noted in BTPRC005 and 007.



#### **About Ruddygore Project**

The Ruddygore Project is located adjacent to the town of Chillagoe in North Queensland and approximately 150km west of Cairns. It covers an area of 556km<sup>2</sup>. Historically, Chillagoe was a significant mining and smelting centre that was most active from 1888 to 1927, prior to further substantial production of gold, copper and silver from the Red Dome mine from 1986 to 1997.

The project area hosts a range of different deposit styles including porphyry copper-gold deposits (e.g., Ruddygore), skarn-hosted copper-gold-lead-zinc skarn deposits (e.g., Red Dome, Mungana, Maniopota), sediment-hosted massive sulphide lead-zinc-silver deposits (e.g., Torpy's), tungsten-molybdenum greisen deposits and other intrusive-related gold system (IRGS) deposits (e.g., Kidston). The Project area is poorly explored, and Ballymore is systematically applying modern exploration methods to test these historic mines and new targets with the aim of delineating bulk tonnage gold and base metal deposits.

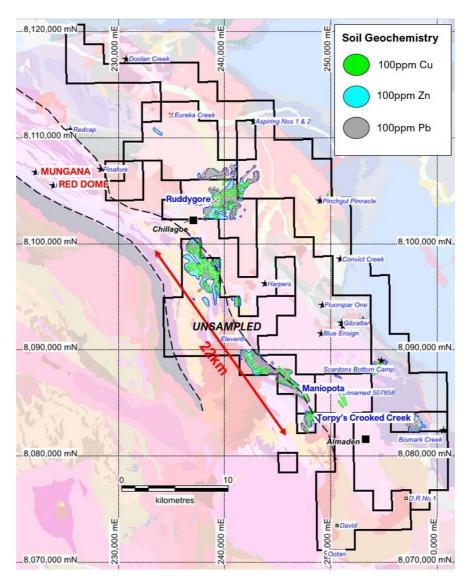


Figure 4 – Ballymore's Ruddygore Project tenements showing the regional geology, key prospects and mines and contoured copper, lead and zinc soil geochemistry.



#### **Planned Activities**

The Company is well funded with substantial work programs planned for 2025/26. Planned works include the following:

December 2025	Complete Torpy's DHEM survey – weather permitting (Ruddygore Project)
December 2025	Complete inaugural Torpy's diamond drill hole (Ruddygore Project)
December 2025	Development activities underway at Dittmer historic workings and will continue during December establishing modern access to historic workings to establish trial mining opportunities and establish take off point of southern development expansion pending grant of the expanding mining lease. (Dittmer Project)
• January 2026	Complete Seventy Mile Mount drilling program (Ravenswood Project)

**Approved by the Board of Ballymore Resources Limited.** 

For further information: David A-Izzeddin

Managing Director daizzeddin@ballymoreres.com

**Gareth Quinn** 

Media and Investor Relations gareth@republicir.com.au 0417 711 108



#### **Competent Persons Statement**

The information in this announcement that relates to Exploration Results is based on, and fairly represents, information compiled or reviewed by Mr David A-Izzeddin. Mr A-Izzeddin is a Member of The Australasian Institute of Geoscientists and is a Director and an employee of the Company. Mr A-Izzeddin has sufficient experience which is 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 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr A-Izzeddin consents to the inclusion in the announcement of the matters based on his information in the form and context in which it applies. The Exploration Targets described in this announcement are conceptual in nature and there is insufficient information to establish whether further exploration will result in the determination of Mineral Resources.

#### **Forward-Looking Statements**

Certain statements made during or in connection with this statement contain or comprise certain forward-looking statements regarding the Company's Mineral Resources, exploration operations and other economic performance and financial conditions as well as general market outlook. Although the Company believes that the expectations reflected in such forward-looking statements are reasonable, such expectations are only predictions and are subject to inherent risks and uncertainties which could cause actual values, results, performance or achievements to differ materially from those expressed, implied or projected in any forward-looking statements and no assurance can be given that such expectations will prove to have been correct.

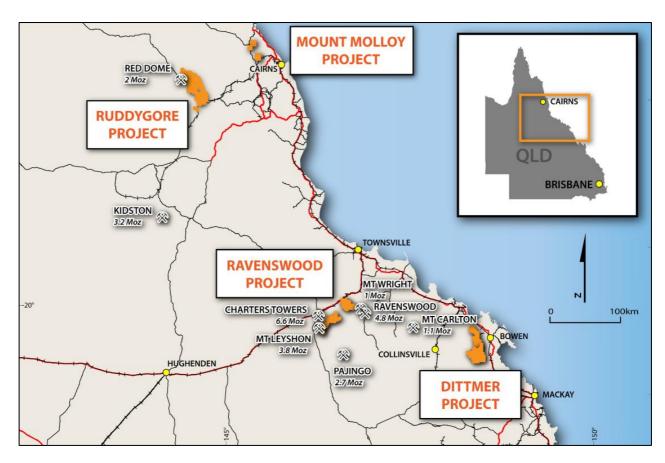
Accordingly, results could differ materially from those set out in the forward-looking statements as a result of, among other factors, changes in economic and market conditions, delays or changes in project development, success of business and operating initiatives, changes in the regulatory environment and other government actions, fluctuations in commodity prices and exchange rates and business and operational risk management. Except for statutory liability which cannot be excluded, each of the Company, its officers, employees and advisors expressly disclaim any responsibility for the accuracy or completeness of the material contained in this statement and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this statement or any error or omission. The Company undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events other than required by the Corporations Act and ASX Listing Rules. Accordingly, you should not place undue reliance on any forward-looking statement.



### **About Ballymore Resources (ASX:BMR)**

Ballymore holds a portfolio of exploration and development projects in prolific Queensland mineral belts that are highly prospective for gold and base metals. These consist of two granted Mining Leases (MLs)and fourteen Exploration Permits over four project areas at Dittmer, Ruddygore, Ravenswood, Mount Molloy. The total area covered by the tenements is 1,456 km².

Known deposits in north-east Queensland include Kidston (5 Moz Au), Ravenswood/Mount Wright (5.8 Moz Au), Mount Leyshon (3.8 Moz Au), Red Dome/Mungana (3.2 Moz Au) and Mt Morgan (17 Moz Au and 239 Kt Cu). The deposits occur in a wide range of geological settings including porphyries, breccias, skarns and veins.



#### **Board**

Andrew Greville, Chairman
David A-Izzeddin, Managing Director
Andrew Gilbert, Director – Operations
Nick Jorss, Non-Executive Director

#### **Head Office**

Suite 606, Level 6 10 Market St Brisbane QLD 4000 Phone +617 3212 6299 ballymoreresources.com



# APPENDIX 1. RUDDYGORE – JORC CODE TABLE 1 CHECKLIST OF ASSESSMENT AND REPORTING CRITERIA

## **Sampling Techniques and Data**

	Commentary
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.	Exploration has been undertaken at the Project since the early 1900s. Sampling methods have included surface rock chip and trenching, channel samples taken from underground exposures, soil, and stream sediment samples, together with drill hole samples comprising open hole percussion, RC percussion, and diamond core samples.  Geochemistry from soil and stream sediment samples is used semi-quantitatively to guide further exploration and is not used for Mineral Resource estimation.  The accuracy of rock chip geochemistry is generally high but these samples are spot samples and generally not used in Mineral Resource estimation.  The accuracy of trench and channel geochemistry is generally high. These samples are regularly used in Mineral Resource estimation.  The quality of open hole percussion drilling is generally low because there is a likelihood of contamination of samples. Consequently, these samples are generally used to guide further exploration and are not used for Mineral Resource estimation.  The quality of RC percussion drilling is generally medium – high because the method significantly reduces the potential of contamination, unless there is a lot of groundwater or badly broken ground. Consequently, these samples can be representative of the interval drilled and can be used for Mineral Resource estimation.  The quality of diamond coring is generally medium – high because the method is designed to sample the rock mass effectively in most conditions. Consequently, these samples can be representative of the interval drilled and can be used for Mineral Resource estimation.  Ballymore stream sediment samples collected were screened to -80# with a 150 g sample collected. Soil samples were collected on a grid pattern. The top 10 cm of cover material was removed and regolith was sieved to -80# with a 150 g sample collected. Rock chip samples were collected from outcrop, subcrop, float material, as well as mullock samples.



CRITERIA	JORC Code Explanation	Commentary
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	No information is available documenting measures to ensure sample representativity for surface sampling methods collected prior to Ballymore. These methods are not used for Mineral Resource estimation.
		Ballymore collected field duplicates during its soil sampling program to monitor sample representivity.
		Trench and channel sampling is an established method designed to deliver a representative sample of the interval being sampled.
		RC drilling is an established method designed to minimise drilling-induced contamination of samples, aimed to deliver a representative sample of the interval being drilled. Diamond drilling is also an established method aimed at collecting representative samples of the interval being drilled.
	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 1 m samples from which 2 to was publicated.	Economic gold mineralisation is measured in terms of parts per million and therefore rigorous sampling techniques must be adopted to ensure quantitative, precise measurements of gold concentration. If gold is present as medium – coarse grains, the entire sampling, sub-sampling, and analytical process must be more stringent.
	which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is	Where the main mineralisation is copper, this is measured as a percentage and therefore sampling techniques can be somewhat less rigorous than for gold.
	coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g., submarine nodules) may warrant disclosure of detailed information.	At Ruddygore, the main target is copper (Ruddygore Prospect) and silver-lead-zinc-copper-gold (Maniopota and Torpy's Crooked Creek Prospect). Procedures used to manage sampling issues are documented elsewhere in relevant sub-sections of this table.
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).	A number of drilling programs have been recorded across the Project area. Ballymore had not completed any drilling on the Project at the time of the rock chip sampling.
		Most drilling was reported to be diamond but is inconsistently documented.
		Between 1959 and 1995 a total of 54 diamond and percussion drill holes have been completed within the Ruddygore Project area for 4,138.6m. Drilling has focussed on the Ruddygore mine area (26 holes for 1,631m), Maniopota (14 holes for 1,059m), Torpy's Crooked Creek (2 holes for 421.6m) and Metal Creek (12 holes for 1,027m).
		Ballymore completed six RC / diamond drillholes at Ruddygore for 1,799.92m including 621.4m of 5¼" RC and 1,178.52m of HQ triple tube size in 2022. All holes were oriented using an Ace instrument.
		Ballymore has completed an RC drill program at Torpy's Crooked Creek.
DRILL SAMPLE RECOVERY	Method of recording and assessing core and chip sample recoveries and results assessed.	For most programs, no information is available documenting if sample recovery was routinely recorded. MIM (1960) reported core recoveries of typically >95% at Ruddygore, as did Le Nickel (1977) at Torpy's Crooked Creek.
		No assessment of sample recovery has been made for historic drilling.



CRITERIA	JORC Code Explanation	Commentary
		Sample recovery for Ballymore diamond drilling in 2022 was measured on a per-run basis and generally reported to be greater than 99%.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	No information is available documenting measures to maximise sample recovery or ensure collection of representative samples.      Ballymore has utilised triple tube for diamond
		drilling to maximise recovery.
	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.	<ul> <li>No assessment has been completed to determine if there is a relationship between sample recovery and grade, and whether there is any potential for sample bias associated with the drilling used to date.</li> </ul>
LOGGING	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support	Most historic drill logs document logging for lithology, structure, alteration, mineralisation, and veining. No core photography is available.
	appropriate Mineral Resource estimation, mining studies and metallurgical studies.	Logging information for historic drilling is possibly adequate to support future Mineral Resource estimation but will be reassessed if required.
		Ballymore drilling: drill core was logged for lithology, structure, alteration, mineralisation, and veining, while percussion chips were logged for lithology, alteration and mineralisation, which is deemed to be appropriate for the style of mineralisation and the lithologies encountered. All core was photographed. Logging information is adequate to support Mineral Resource estimation. Information to support geotechnical studies is available.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Logging of core is mostly qualitative, except for some semi-quantitative logging of sulphide content, quartz veining, RQD, and geotechnical parameters.
	The total length and percentage of the relevant intersections logged.	Geological logs were completed for all drilled intervals.
SUB-SAMPLING TECHNIQUES AND SAMPLE PREPARATION	If core, whether cut or sawn and whether quarter, half or all core taken.	No information is available on moisture content of non-core samples or how the drilled material was sampled for historic drilling.
		No details of the laboratory preparation of samples were recorded for historic drilling. It is assumed that sample preparation methods used by all commercial laboratories followed the basic steps of drying, crushing, and pulverising, but details of the amount of the sample crushed and pulverised are not known. Therefore, it is not possible to assess the quality and appropriateness of the sample preparation techniques.
		Ballymore drilling: Ballymore cut core samples in half or quarter using a diamond saw and where appropriate used geological contacts or mineralisation to define sample intervals.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	<ul> <li>No information is available on moisture content of non-core samples or how the drilled material was sampled for historic drilling.</li> <li>Ballymore drilling: Sampling was collected via riffle splitting; RC drilling was stopped when water was encountered and holes were switched to diamond core</li> </ul>
	For all sample types, the nature, quality, and appropriateness of the sample preparation technique.	No details of the laboratory preparation of samples were recorded for historic drilling. It is assumed that sample preparation methods used by all commercial laboratories followed the basic steps



CRITERIA	JORC Code Explanation	Commentary
		<ul> <li>of drying, crushing, and pulverising, but details of the amount of the sample crushed and pulverised are not known. Therefore, it is not possible to assess the quality and appropriateness of the sample preparation techniques.</li> <li>Ballymore drilling: Half core was submitted to the laboratory, generally 2 – 3 kg per sample. All of the core was dried, crushed to -6 mm, then pulverised to 85% - 75 μm. This method is considered appropriate for mineralisation that may have visible gold mineralisation.</li> </ul>
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	<ul> <li>No information has been recorded that documents quality control procedures adopted for all subsampling stages to maximise representivity of samples for historic drilling.</li> <li>Ballymore drilling: Drill core samples of cut core were consistently taken from the same side of the orientation line on the core to maintain consistency. All of the sample was crushed and pulverised to maximise sample representativity. Pulverised samples were tested for compliance to grinding specifications at the rate of 1 in 40</li> </ul>
	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.	<ul> <li>No information has been recorded for historic drilling that documents measures taken to ensure that the sampling is representative of the in situ material collected.</li> <li>Ballymore drilling: QA/QC procedures included the insertion of quarter core field duplicates at the insertion rate of 1 in 20 samples. Field blanks were also submitted to the laboratory.</li> </ul>
	Whether sample sizes are appropriate to the grain size of the material being sampled.	No formal assessment has been undertaken to quantify the appropriate sample size required for good quality determination of gold or base metal content, given the nature of the gold and base metal mineralisation.
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.	No information has been recorded that documents the nature, quality, and appropriateness of assaying methods used for any of the drilling programs.
	partar or total	<ul> <li>Ballymore soil, stream and rock chip samples were analysed at ALS Townsville using a multi-element suite by aqua regia digestion and ICP-MS finish. For most elements, this is considered as a total analysis. Gold was analysed with a 50 g charge used for fire assay with an ICP-AES determination. Normally the gold analysis would be considered a total analysis.</li> </ul>
	<ul> <li>For geophysical tools, spectrometers handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation etc.</li> </ul>	Ballymore used a pXRF instrument for its Ruddygore, Maniopota and Torpy's Crooked Creek soil programs. Soil samples were sieved to -80# and a 150 g sample was collected. Samples were analysed using an Olympus Vanta C Series (TL-WN725N) portable XRF analyser. Samples were analysed for Ag, As, Bi, Ca, Cd, Cl, Co, Cr, Cu, Fe, Hg, K, Mn, Mo, Nb, Ni, P, Pb, Rb, S, Sb, Se, Sn, Sr, Th, Ti, Tl, U, V, W, Y, Zn, Zr.
		The pXRF instrument is calibrated and serviced annually, with daily calibration completed as a minimum. At the start of each sampling session, standards are analysed. Sample material remains in storage for analytical re-assay as required.
		The Ruddygore Dipole-Dipole IP survey completed at Ruddygore prospect by Ballymore in September-October 2021 was undertaken using a GDD Model TX 4 20A/5000W/2400V transmitter



CRITERIA	JORC Code Explanation	Commentary
		and Smartem 16 Channel receiver. Seven 3km lines were surveyed. The northern most traverse was collected using a 50m Dipole-Dipole (Tx & Rx) configuration to an "n" level of n=10. The remaining six traverses were collected using a 100m Dipole-Dipole (Tx & Rx) configuration to an "n" level of n=8. The data is of high quality with strong signal levels resulting in coherent decays and good repeatability.
		MagSpec flew an airborne magnetic and radiometric survey in 2021 on behalf of Ballymore at 50m line spacing and 50m flight height. Two areas were collected: Chillagoe North and Chillagoe South.
		The Maniopota EM Survey was completed with the SkyTEM helicopter time-domain AEM system. The SkyTEM312HP system uniquely acquires at transmitter frequencies as low as 12.5Hz, using a high-power square wave form for enhanced resolution, a wide transmitter pulse width for greater target energisation, and long transmitter off times for imaging deep and conductive targets.
	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.	<ul> <li>No details of the use of standards or certified reference materials have been reported for historic work.</li> <li>When undertaking pXRF surveys, Ballymore applied its QA/QC procedures and checked standards prior to commencing surveying on a daily basis as well as routinely testing for drift during the day by regularly checking standards.</li> </ul>
VERIFICATION OF SAMPLING AND ASSAYING	The verification of significant intersections by either independent or alternative company personnel.	<ul> <li>It has not been possible to independently verify significant intersections to date.</li> </ul>
//ed/tillte	The use of twinned holes.  Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	<ul> <li>There has been no use of twinned holes to date.</li> <li>Ballymore has collated and created a digital database of previous exploration completed at the Project.</li> <li>Ballymore drilling: Primary logging data was recorded digitally onto electronic spread sheets and validated against code tables by the logging geologist. Primary analytical data was received electronically in csv file format and imported directly into an electronic assay register spread sheet. Data validation was conducted by comparing the spreadsheet data against the Certificate of Analysis supplied as a secured pdf file by the laboratory.</li> </ul>
	Discuss any adjustment to assay data.	No adjustments to assay data have been made.
LOCATION OF DATA POINTS	Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	<ul> <li>No details of the accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys) is recorded. Drillhole collar locations were typically based on local grids and the accuracy of drill collars has not been verified to date.</li> <li>Ballymore surface geochemical sampling is surveyed using a handheld GPS with a location error of +/- 5m.</li> </ul>
		Ballymore surface drilling: Drillhole collar locations were initially set out (and reported) using a handheld GPS with a location error of +/- 5m. All holes were subsequently surveyed by contract surveyor to a sub-metre accuracy, with data supplied electronically as spreadsheets and pdf files. The azimuth and dip at the start of the hole was recorded using a line of sight Suunto compass



CRITERIA	JORC Code Explanation	Commentary
		and Suunto clinometer by the site geologist. The orientation and dip of drillholes are measured with downhole surveys @ 15 m, 30 m, then every 30 m using a REFLEX single/multi-shot survey tool. End of hole surveys were also taken for each hole. At hole completion, holes were gyro surveyed.  Ballymore AEM Survey: The SkyTEM survey was completed with all data located via on-board DGPS.
	Specification of the grid system used.	The co-ordinate system used is MGA94 zone 55 Datum.
	Quality and adequacy of topographic control.	Quality of the surface topographic control data is poor and is currently reliant on public domain data.
DATA SPACING AND DISTRIBUTION	Data spacing for reporting of Exploration Results.	<ul> <li>Drilling: There is a small amount of drilling to date and the spacing of drillhole data is variable.</li> <li>Maniopota AEM Survey: The AEM survey was flown at 200m spacing in a NE-SW orientation.</li> </ul>
	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.	There are no Mineral Resources or Ore Reserves.     There is insufficient drill spacing to establish the degree of geological and grade continuity appropriate for Mineral Resource and Ore Reserve estimation.
	Whether sample compositing has been applied.	<ul> <li>No sample compositing was carried out on site.</li> <li>For reporting purposes, some drill hole assay results have been composited together to report contiguous zones of mineralisation.</li> </ul>
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.	The majority of previous drill holes were drilled vertically and are not considered to be oriented appropriately to drill across mineralisation. Further drilling is required to establish the optimal orientation of drilling at Ruddygore, Maniopota, and Torpy's Crooked Creek.
		Potential exists for sampling bias to have been introduced in the drilling completed to date due to the vertical nature of the drilling.
	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.	It is possible there could be sampling bias due to the orientation of drilling but doe to the lack of drilling to date this has not been ascertained.
SAMPLE SECURITY	The measures taken to ensure sample security.	<ul> <li>No chain of custody is documented for previous drilling.</li> <li>For Ballymore sampling programs, all work was supervised by company staff. Samples were double bagged, palletised and shrink wrapped at the core shed before dispatch to the laboratory.</li> </ul>
AUDITS OR REVIEWS	The results of any audits or reviews of sampling techniques and data.	Ballymore programs: Internal auditing procedures and reviews were regularly undertaken on sampling techniques, standard operating procedures, and laboratory processes.    Desire   Desire
		Derisk has completed a review of the work Ballymore has undertaken.



## **Reporting of Exploration Results**

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 Project tenements comprise EPM 14015, EPM 15047, EPM 15053, and EPM 27840. All licences are 100% held by Ballymore Resources Limited.
	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.	All tenements are in good standing.
EXPLORATION DONE BY OTHER PARTIES	Acknowledgment and appraisal of exploration by other parties.	The Ruddygore Mine was mined from 1896  1909 by open cut and shaft access to underground. The mine yielded 1,450 tons of copper from 32,750 tons of handpicked ore.
		The Torpy's Crooked Creek mine operated from 1904 – 1907 and 1912 – 1914. Production figures have not been located for 1904 – 1907 but from 1912 – 1914 the mine yielded 6,000 tons of ore for 84,000 oz silver and 920 tons of lead.
		The Maniopota mine was mined for lead, zinc, and silver. No production records have been found for the area but it hosts a series of small pits over 1 km strike length.
		<ul> <li>Numerous exploration permits and mining leases have been held over parts and/or all of the Project area. Previous exploration has included geological mapping, soil and rock chip geochemical sampling, airborne and ground geophysics, plus RC and diamond drilling. Major programs included:</li> <li>Mount Isa Mines (1959 – 1961) completed magnetic and EM surveys and diamond drilling (9 diamond drillholes for 655 m) at Ruddygore.</li> </ul>
		<ul> <li>Kennecott Exploration Australia (1965 – 1967) completed a geochemical survey over Ruddygore.</li> <li>Mines Exploration (1966 – 1971)</li> </ul>
		completed geological mapping and channel sampling and drilling (3 holes for 598 m) at Maniopota.
		<ul> <li>Cyprus Mines Corporation (1969 – 1970) completed mapping, geochemical surveys, IP and magnetic surveys and diamond drilling at Ruddygore (two holes for 182.88 m).</li> </ul>
		■ LE Nickel (1976 – 1977) completed mapping and two diamond drillholes at Torpy's Crooked Creek for 421.6 m.
		<ul> <li>BP Mining Development Australia (1977 – 1978) completed airborne and ground magnetics and radiometrics surveys.</li> <li>AOG Minerals (1980 – 1982) completed</li> </ul>
		EIP survey, rock and soil sampling, costeaning and drilling at Ruddygore (four drillholes for 469.1 m).



CRITERIA	JORC Code explanation	Commentary
		<ul> <li>Cyprus Mines Corporation (1986 – 1989) completed open hole percussion drilling around Ruddygore pit (11 holes for 324 m).</li> <li>Dominion Mining Limited/Stuart Foster (1991 – 1993) completed a ground magnetic survey, channel sampling at Maniopota and RC drilling (11 holes for 461 m).</li> <li>CRA Exploration (1993 – 1995) completed an EM survey over the Torpy's Mine and drilled 12 holes for 1,027 m at Metal Creek.</li> </ul>
GEOLOGY	Deposit type, geological setting, and style of mineralisation.	The Chillagoe District is situated within the Middle Palaeozoic Hodgkinson Province which is the northernmost part of the Tasmanides in eastern Australia.
		Ballymore considers that the Ruddygore Project is prospective for large tonnage multi-element deposits including (a) coppergold porphyry deposits e.g., Ruddygore (b) copper-gold-lead-zinc skarn deposits e.g., Red Dome, Mungana, Maniopota (c) sediment-hosted massive sulphide lead-zinc-silver e.g., Torpy's Crooked Creek, and (d) gold IRGS deposits e.g., Kidston.
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.     Hole length.	Refer to Appendix 2 & 3.
	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.	Refer to Appendix 2 & 3.
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.	The mineralised drill intersections are reported as downhole intervals and were not converted to true widths. True widths may be up to 50% less than drill intersections pending confirmation of mineralisation geometry.  No capping of high grades was performed in the aggregation process.
	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 drill intercepts reported as Exploration Results were calculated using different criteria depending on the nature of the mineralisation. For base metal mineralisation 0.1% Zn, 0.5% Zn and 1.0% Zn have been applied for reporting.
	The assumptions used for any reporting of metal equivalent values should be clearly stated	No reported exploration results. For all previous exploration results refer to ASX releases.



CRITERIA	JORC Code explanation	Commentary
		The dominant composite length is 1m.
		No top-cut or capping was applied.
RELATIONSHIP BETWEEN MINERALISATION WIDTHS AND INTERCEPT LENGTHS	These relationships are particularly important in the reporting of Exploration Results.	Previous drilling was planned on local grid lines and most drill holes were vertical. The limited drilling to date means the relationships between mineralisation widths and intercept lengths is poorly understood.
	<ul> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> </ul>	Ruddygore prospect is a porphyry copper style with veining and brecciation occurring in fine- and medium-grained intrusives that strike north-northwest and are steeply dipping as well as in sub-horizontal fractures. Almost all holes drilled to date were vertical holes, which is not optimal for testing this style of deposit.
		Maniopota prospect is Cu-Pb-Zn-Ag-Au mineralisation associated with skarn alteration along the contact of the Almaden Granodiorite and the Chillagoe Formation, which varies from north-south to northwest-southeast, typically dipping moderately towards the southwest. All except 1 of the 14 holes have been drilled towards the northeast, which is approximately perpendicular to the target.
		The orientation and extent of the Torpy's Crooked Creek Pb-Zn-Ag sediment-hosted prospect deposit is poorly understood. Two holes have been drilled, both towards the north-northeast. Further work is required to establish the optimal angle to test the mineralisation.
	<ul> <li>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').</li> </ul>	The mineralised intercepts generally intersect the interpreted dip of the mineralisation at a high angle but are not true widths.
DIAGRAMS	<ul> <li>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 drill hole collar locations and appropriate sectional views.</li> </ul>	Refer to figures contained within this report.
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.	Balanced reporting of Exploration Results is presented within this report.
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; potential deleterious or contaminating substances.	The Project includes a large amount of exploration data collected by previous companies, including regional stream sediment geochemical data, soil sample and rock chip data, geological mapping data, drilling data, geophysical survey data, and costean data. Much of this data has been captured and validated into a GIS database.  Previous mining has been limited and involved very selective mining and hand sorting. No systematic data has been collected to date to assess metallurgy and mining parameters relevant to a modern



CRITERIA	JORC Code explanation	Commentary
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).	geological mapping and geochemistry,
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Refer to figures contained within this report.



### APPENDIX 2. TORPY'S DRILL COLLAR AND SURVEY INFORMATION

Company	Target	HoleID	Hole Type	East (MGA)	North (MGA)	RL	Depth (m)	Dip (°)	Azimuth (° MGA)	Licence	Year
Ballymore	Torpy's	BTPRC001*	Reverse Circulation	258257	8083285	518	156	-60	300	EPM 14015	2025
Ballymore	Torpy's	BTPRC002*	Reverse Circulation	258231	8083165	520	186	-60	339	EPM 14015	2025
Ballymore	Torpy's	BTPRC003*	Reverse Circulation	258073	8083257	521	125	-60	347	EPM 14015	2025
Ballymore	Torpy's	BTPRC004*	Reverse Circulation	258232	8083162	520	198	-70	339	EPM 14015	2025
Ballymore	Torpy's	BTPRC005*	Reverse Circulation	258233	8083155	520	216	-75	339	EPM 14015	2025
Ballymore	Torpy's	BTPRC006*	Reverse Circulation	258233	8083152	520	12	-85	339	EPM 14015	2025
Ballymore	Little Torpy's	BTPRC007*	Reverse Circulation	258045	8082686	508	102	-60	250	EPM 14015	2025
Ballymore	Torpy's	BTPDD008*	Diamond	258231	8083165	520	In progress	-63	339	EPM 14015	2025

<sup>\*</sup> Drill hole collar location estimated and yet to be picked up by surveyor



# APPENDIX 3. MANIOPOTA BMR DRILL COLLAR AND SURVEY INFORMATION

Company	Target	HoleID	Hole Type	East (MGA)	North (MGA)	RL	Depth (m)	Dip (°)	Azimuth (° MGA)	Licence	Year
Ballymore	Maniopota	BMPRC001	Reverse Circulation	247257	8085994	511	In progress	-60	48	EPM 14015	2025

<sup>\*</sup> Drill hole collar location estimated and yet to be picked up by surveyor