

ASX RELEASE

Australian Securities Exchange Limited Via e-lodgement

ASX Code: OZZ

9 April 2024

OZZ COMPLETES MAGUIRES REWARD (OLD PROSPECT) MINING SCOPING STUDY

OZZ Resources (ASX: OZZ, OZZ Resources or Company) is pleased to announce the results of the Mining Scoping Study conducted and completed by Resolve Mining Solutions ("Resolve") for the Old Prospect North and South deposits within the Maguires Reward project area. Located near major gold-producing centres of Cue and Meekatharra in highly prospective regions, in Western Australia.



Figure 1 Old Prospect – Scoping Study Layout



Cautionary Statement

The Scoping Study referred to in this announcement is a preliminary technical and economic study of the potential viability of developing the Maguires Reward project for Old Prospect North and South by developing a mine and utilising toll treatment processing facilities nearby. The Scoping Study referred to in this announcement is based on lower-level technical and preliminary economic assessments and is insufficient to support estimation of Ore Reserves or to provide assurance of an economic development case at this stage, or certainty that the conclusions of the full Pre Feasibility Study will be realised.

The production defined by this Scoping Study is in the Indicated and Inferred Mineral Resource categories. The Company has concluded it has reasonable grounds for disclosing a Production Target, and that there is potential significant upside once work is concluded on the remaining production opportunities.

As there is a low level of geological confidence associated with Inferred Mineral Resources, there is no certainty that further exploration work will result in the determination of further Measured or Indicated Mineral Resources or that the Production Target or preliminary economic assessment will be realised.

This Initial Scoping Study is based on the material assumptions outlined elsewhere in this announcement. These include assumptions about the availability of funding. While the Company considers all the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the Scoping Study will be achieved.

To achieve the potential mine development outcomes indicated in this Scoping Study, funding in the order of A\$2-5 million will likely be required. Investors should note that there is no certainty that the Company will be able to raise funding when needed, however the Company has concluded it has a reasonable basis for providing the forward-looking statements included in this announcement and believes that it has a "reasonable basis" to expect it will be able to fund the development of the Project.

It is also possible that such funding may only be available on terms that may be dilutive to, or otherwise affect the value of the Company's existing shares. It is also possible that the Company could pursue other strategies to provide alternative funding options including project finance. Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the Scoping Study.

Scoping Study Highlights

The Scoping Study conducted by Resolve included dilution modeling, open pit optimizations, mine and waste dump design, production scheduling, and cost modeling. The study indicates the potential to mine several pits, three in the North and one in the South, generating a positive operating cash flow.

The largest northern pit measures approximately 200m in diameter and 50m deep, while the southern pit measures 160m in diameter and 45m deep. Both pits and the waste dump can be accommodated on the existing lease, with the southern pit coming within 30m of the lease boundary. Ozz have recently applied for the vacant ground to the East of P20/2318 (Maguires Reward) to be able to further accommodate and requirement for mine infrastructure and add the exploration of Maguires Reward East and Old Prospect to the portfolio. This is accommodated on the prospecting tenement P20/2516 (under application).

The Mining Inventory indicates significant mineral resources available for extraction, taking into account material and modifying factors. Operating costs for the Scoping Study have been estimated, showing the potential for a positive cash flow at the current gold price of circa \$3,000 /oz.

Further investigations and studies will be conducted to improve accuracy of the estimate, including geotechnical investigations, survey information, waste classification, and refining of operating costs.



Mining Block Models

The resource block models were regularized to create a standard mining unit (SMU) mining block model, considering dilution and ore losses. Both the North and South resources are susceptible to ore loss and dilution, particularly in the cross-strike direction. Grade drop in the northern resource is noted, and possible further risk of dilution in the southern deposit as knowledge is gained on the project. Recommendations include further investigation into ore loss and dilution as the project progresses.

Modifying Parameters & Optimizations

Indicated and Inferred (II) mineral resources were included in all optimisations as potential mineral inventory, the inclusion of Inferred, and the nature of a Scoping Study have removed the possibility of the declaration of an Ore Reserve.

Non-mining parameters and slope angles were selected based on available data and industry standards.

Description	Unit	Base Case	Upside	Downside
Processing Cost	\$/t ore	45.00	30.00	60.00
RoM Loading	\$/t ore	1.50	1.50	2.00
Road Haulage	\$/t/km ore	0.16	0.07	0.17
	km	102	102	229
G&A Costs	\$/t ore	3.00	3.00	6.00
Grade Control	\$/t ore	2.00	1.00	2.00
Processing Recovery	%	85.0	99.0	70.0
Revenue	\$/oz	3,000		
WA Royalty	%	5.0		
Cut Off Grade	g/t	0.87	0.47	1.70

Table 1 – Optimisation Non Mining Parameters

Mining costs were estimated from pricing obtained for similar projects in the WA Goldfields. From these an average mining cost per tonne mined can be estimated, and a unit cost of \$5.55 /t mined was estimated for the optimisations.

Optimizations were completed for mineralization above the cutoff grade, with varying results based on different revenue factors and slope angles. No geotechnical analysis has been undertaken this far for the project.

Angles of 30 and 45 degrees overall slope angle (OSA), including an allowance for ramps, were selected for the Scoping Study. When the OSA is compared between 30 and 45 degrees, the southern deposit has a more than 2-fold increase in both gold product and cash flow compared to that at the 45 degrees OSA, while the northern deposit the increase is four-fold. Further geotechnical drilling, assessment and modelling will be undertaken prior to the next phase of study, where an Ore Reserve is to be targeted in a Pre-Feasibility Study. Figure 2 shows a section through the shells at 10m below the surface, the figure clearly shows the increase in shell size between the two slope angle results. The northern deposit significantly increases in size and depth, while the southern does increase in depth but the steeper walls limit the change to overall area of the shell.

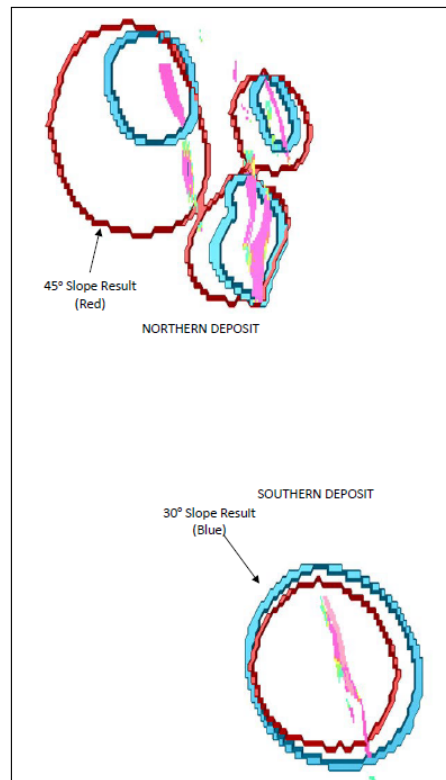


Figure 2 – Selected Pit Shells (-10m Level Section View)

Due to the short timeframes involved in the mining schedule, no discounting was included in the results and the cost and cash flows are all nominal.

Mine Design & Production Schedule

The mine design parameters utilised for the scoping study are;

- Both the 30-degree and 45-degree options, with the smaller designs being used as early stages
- 8m benches with 4.0m berms and 60° batters in the pits;
- 5m benches with 6m berms and 35° batters on the dumps ;
- 12m lane ramps and roads;
- Ramp gradients maintained at less than 9%;

These parameters were selected as it is likely that the mining equipment that will be utilised will be smaller than expected in the WA Goldfields due to the narrow ore widths and small pits. Utilising smaller equipment will also allow narrower and steeper haul roads, thus saving waste movement.

Pit designs were completed, focusing on early-stage smaller designs and later-stage larger designs. The early pit stages focus on the higher grade, higher value mineralization, while the larger designs move to the steeper slope option. The overall slope angle achieved in the pits is around 35 degrees as most pit walls include two ramps.

For completeness a dump design has been completed to show that these deposits could be mined with a degree of practicality and efficiency, however they are still a high level design and will need further refinement. Most importantly they are sufficient for all the waste contained within the pit designs.



As topographical surveys are unavailable all designs have been taken to a level surface, the 485m level, and as such no surface infrastructure has been included at this stage.

The production schedule indicates the potential for a simple cash flow, based on mining fleet capabilities and ore-processing capacity. The operating cost estimate shows potential positive cash flows at gold prices above \$3,000 per ounce.

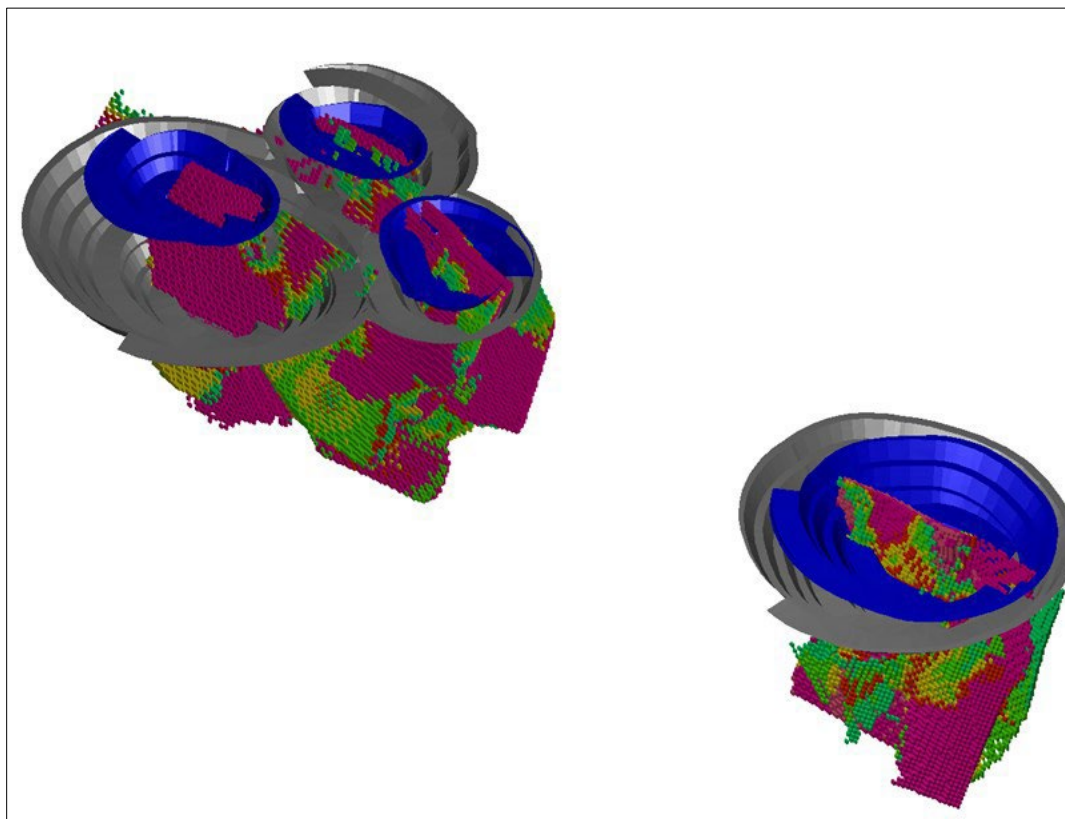


Figure 3 – Isometric View of the Pit Designs

The Mining Inventory, Table 1, is summarised from the project's respective Mineral Resources (previously announced 19 November 2021, "Maiden Gold Resource at Maguires sets Strong Foundation for Growth in Tier-1 Mining District") taking account of material and relevant modifying factors.

	Indicated Mineralisation		Inferred Mineralisation		Total Inventory	
	Tonnes (t)	Au (g/t)	Tonnes (t)	Au (g/t)	Tonnes (t)	Au (g/t)
North	41,907	2.5	13,251	3.3	55,158	2.7
South	26,464	3.7	602	3.9	27,066	3.7
Total	68,371	2.9	13,853	3.4	82,224	3.0

Table 2 – Mining Inventory

A production schedule has been created for the project. As the project will require toll-treating of the ore, the main parameters for the schedule are based around the mining fleet and the processing is likely to be campaigned as sufficient stocks are available.



The mining rates are based around a 70-80t class excavator, mostly likely loading 45-50 tonnes trucks. This arrangement has been estimated to achieve around 500 tonnes per hour, or a maximum of 200,000 tonnes per month. The mining schedule show that 200,000 tonne monthly rate is not utilised, meaning that there is some room to mine faster if required. The plan assumes a single shift operation, at around 100,000 tonnes per month for the first six months, which corresponds to the smaller early stage pits, and then a lift to double shifts when the larger pits are activated.

Description	Unit	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	TOTAL
Ore Mining	t (dry)	8,899	19,813	2,357	8,768	25,751	16,636	82,224
Waste Mining	t (dry)	282,875	288,392	411,143	451,232	406,546	138,151	1,978,340
Total Mining	t (dry)	291,775	308,206	413,500	460,000	432,297	154,787	2,060,564
W:O	-	31.8	14.6	174.4	51.5	15.8	8.3	21.4
Southern Pit	bcm	134,836	66,148	66,632	40,619	33,030	0	341,264
Northern Pit	bcm	0	71,392	108,519	165,696	163,452	70,333	579,392
Ore Mined	Mt (dry)	8,899	19,813	2,357	8,768	25,751	16,636	82,224
Au	g/t	3.9	3.1	1.4	1.6	2.7	3.9	3.0
	oz	1,125	1,964	108	461	2,203	2,103	7,964

Table 3 – Mining Production Plan

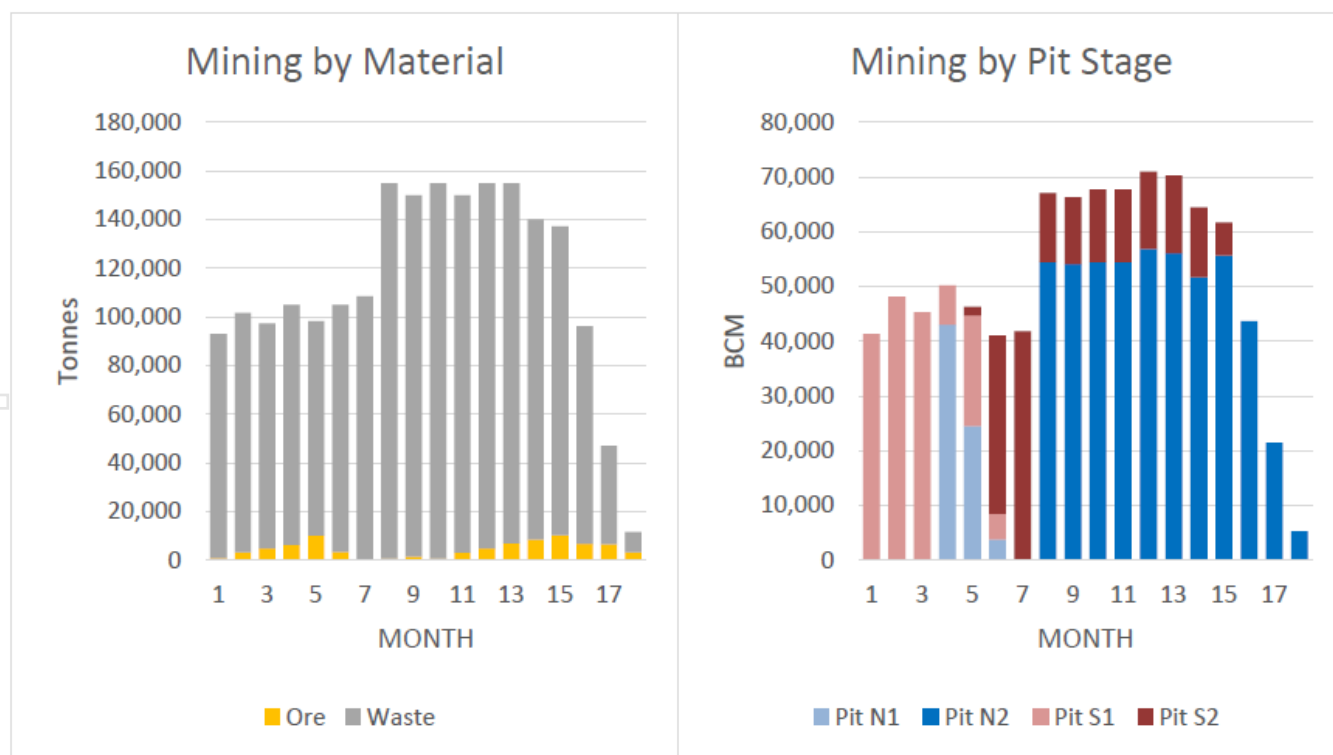


Figure 4 – Mine Production Plan



OPERATING COST ESTIMATE

For this study, a +/-50% accurate operating cost estimate has been targeted to maintain the accuracy levels for a Scoping Study. The cost estimate has been built from the optimisation cost parameters.

The following have been excluded from the cost estimate:

- Pre-production, capital or development costs;
- Escalation or Contingency;
- Native title, pastoral or lease payments;
- Corporate or product marketing costs;
- Foreign exchange variations;
- Licences, permitting and levies;
- Closure, rehabilitation or residual value; and
- Depreciation or amortisation.

The table shows that the project could produce gold at around A\$2,200 per mined ounce, which then converts to A\$2,600 per recovered ounce. Utilising these costs with the optimisation revenue and recovers a positive cash flow can be achieved at gold prices above \$3,000 per ounce, before any additional costs are included.

Description	Unit	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 5	Qtr 6	TOTAL
Mining	A\$M	1.73	1.84	1.82	1.76	1.66	1.92	10.73
G&A	A\$M	0.04	0.07	0.11	0.10	0.07	0.02	0.41
Transport	A\$M	0.16	0.26	0.38	0.35	0.24	0.08	1.47
Process	A\$M	0.40	0.64	0.95	0.89	0.62	0.20	3.70
Total	A\$M	2.33	2.81	3.26	3.11	2.59	2.21	16.31
	\$/t mined	7.98	9.12	7.88	6.75	5.99	14.30	7.91
	\$/t ore	262	142	1383	354	101	133	198
	\$/oz	2,070	1,431	30,241	6,737	1,175	1,053	2,048

Table 4 – Operating Cost Estimate (+/-50%)

Conclusion

The results of the Mining Scoping Study demonstrate the potential viability of the Old Prospect deposits within the Maguires Reward project area. Ozz Resources looks forward to advancing the project through further studies and assessments to realize its full potential.

The scoping study has shown that the deposit could be mined and at the supplied parameters generate a positive cash flow at the current gold price of circa \$3,000 /oz.

The study is still at a +/-50% level of accuracy and a number of components in the study need to be developed further before the next study phase. These include;

- Development of geotechnical investigations, these are critical to the next study phase especially if publication of an Ore Reserve is desired;
- Conducting a topographic over the area, this will be required not only for the pit area but also covering the expected infrastructure and waste dump areas;



- Development of waste classification. At present it is unknown if there is any acid forming material in the wastes that would require management within the dumps;
- The operating costs are high level, as expected in a Scoping Study, these will need to be at a higher level of accuracy for a Pre-Feasibility Study. To mitigate this risk early discussions will be held with mining contractors to obtain accurate mining unit costs.

The Mineral Resource Estimate for Old Prospect, is 312 kt @ 2.15 g/t for 22 koz of contained gold.¹

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

ENDS

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COMPETENT PERSONS STATEMENT- Exploration Results, Mineral Resources and Ore Reserves

The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the 'JORC Code') sets out minimum standards, recommendations and guidelines for Public Reporting in Australasia of Exploration Results, Mineral Resources and Ore Reserves. The information contained in this announcement has been presented in accordance with the JORC Code.

Information in this announcement relating to new Exploration results is based on information compiled by Mr Clint Moxham (a director of OZZ Resources Limited), who is a member of the AusJMM. Mr Clint Moxham has sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person under the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Moxham consents to the inclusion of the data in the form and context in which it appears.

This announcement refers to exploration results which have been previously released to the ASX in prior OZZ announcements. A list of those announcements is set out below and available on OZZ's website www.ozzresources.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information previously reported.

- 19 July 2021, "Maiden Drill Program Underway at Maguires"
- 6 October 2021, "Excellent Results from Maiden Drill Program at Maguires"
- 19 November 2021, "Maiden Gold Resource at Maguires sets Strong Foundation for Growth in Tier-1 Mining District"
- 21 April 2022, "High Impact Drill Program to Commence in May"

an as disclosed in those announcements, the Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company also confirms that the form and content in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

¹ <https://www.ozzresources.com.au/wp-content/uploads/2021/11/Maguires-Maiden-Resource-19-November-2021-Final.pdf>



COMPETENT PERSONS STATEMENT- Mining Studies

The information in the report relating to mining design, scheduling and cost estimation is based on and fairly reflects information reviewed by Mr Andrew Hutson (consultant to OZZ Resources Limited). Mr Hutson is a Fellow of the Australian Institute of Mining and Metallurgy. Mr Hutson is a qualified Mining Engineer and has sufficient experience which is relevant to the mining studies and cost estimation undertaken to qualify as Competent Persons as defined in the 2012 Edition of the "Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves". Mr Hutson consents to the inclusion in the ASX release of the matters based on their information in the form and context in which it appears.

Forward-Looking Statements

This announcement might contain forward-looking statements with known and unknown risks and uncertainties. Factors outside of OZZ's control, may cause the actual results, performance and achievements of OZZ to differ materially from those expressed or implied in this presentation. To the maximum extent permitted by law, OZZ does not warrant the accuracy, currency or completeness of the information in this announcement, nor the future performance of OZZ, and will not be responsible for any loss or damage arising from the use of the information. The information contained in this presentation is not a substitute for detailed investigation or analysis of any particular issue. Current and potential investors and shareholders should seek independent advice before making any investment decision in regard to OZZ or its activities.