

## DRILLING COMMENCES AT MENZIES GOLDFIELD

### HIGHLIGHTS

- **Drilling operations at East Menzies Goldfield have commenced**
- **Opening exploration campaign for 2023**
- **Investigating the Springfield, Goodenough, Maranoa, and the Sunday/Viking prospects**
- **Total 14 holes to be completed for approximately 1400m**

Resources & Energy Group Limited (ASX: REZ) (**REZ** or the **Company**), are pleased to advise that drilling operations at the Company's East Menzies Goldfield have commenced. This is the REZ's opening exploration campaign for 2023. The work is investigating four prospect areas within the goldfield and includes the Springfield, Goodenough, Maranoa, and the Sunday/Viking prospects. A total of 14 holes will be completed during this campaign for an advance of approximately 1400m. The locations and drilling details are presented in Figure 1 and Table 1.

### Resources and Energy Group MD and CEO, J. Daniel Moore commented:

*"After a recent site visit to the Menzies Goldfield, we are confident that we have a very clear strategy which can be encapsulated as 3 separate projects. Firstly, high grade pod mining for early cashflow which includes a 5.5km long zone stretching from our Granny Venn mine on the North West Flank. Secondly, our significant greenfield gold exploration project at Gigante Grande to the east - up to 7.5km long and 2km wide, where we will be pursuing a million plus ounce resource for a potential bulk mining project. Thirdly, komatiite nickel EM targets on our South West Flank with other battery metals including cobalt, platinum and palladium. We will be targeting the high grade gold and nickel deposits on this drilling campaign."*

### DRILLING ACTIVITIES

At Springfield (P2902500), drilling investigations are following up several shallow Electro Magnetic (EM) conductor anomalies which were identified by geophysical Investigations completed by REZ in late 2022. The areas of interest are located in the broader Springfield Prospect area, where earlier scout investigations encountered anomalous and highly encouraging Nickel sulphide mineralisation, with a peak result of 1.78% Ni, 0.21% Cr, 5% S, 269ppm Mo and 245ppm Cu from 98m from borehole SFRC001 ([See ASX Release 11 January 2022](#)).

Subsequent petrological work on samples from this drilling indicated the presence of recrystallised Ni-Fe sulphides of primary magmatic origin. The host rocks were identified as Birbrites, a highly silicified form of Komatiite.

At Maranoa (M29/427), three holes are testing an interpreted down dip extension to the Maranoa lode, which is located at the northern end of the historic workings. Earlier investigations by the Company have confirmed that a significant part of the northern lode has not been mined out and may present an immediate opportunity for open cut mining operations. An extension to the resource would enhance and improve the overall viability of this concept.

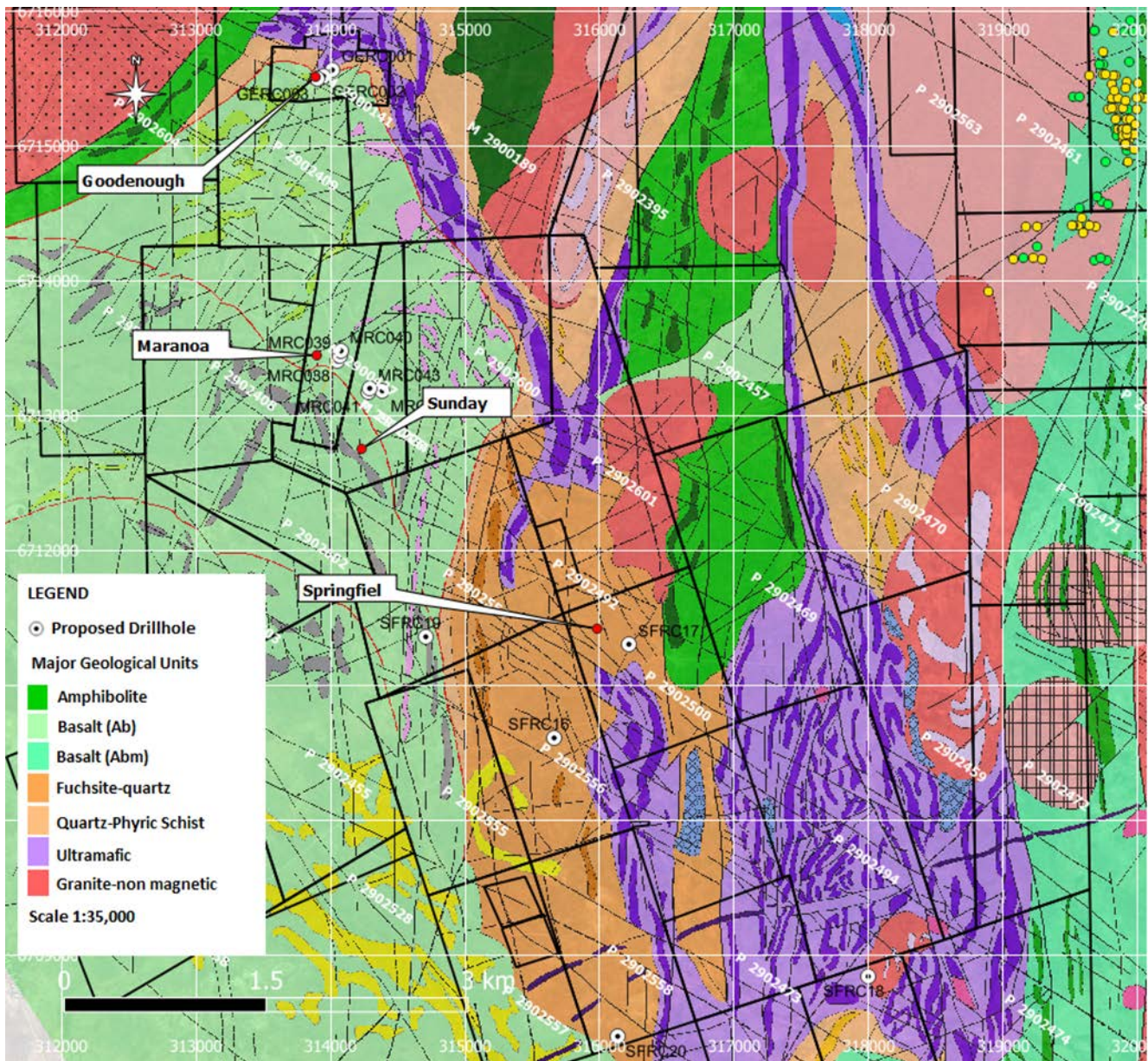


Figure 1: Drillhole locations superimposed on litho-structural image

To the east of Maranoa three holes are also planned for M29/434, and more specifically the Sunday and Viking prospect, where near surface gold mineralisation was intersected in MRC37 with 5m@4.1gt/au from 7m down the hole ([See ASX Release 25 October 2022](#)). The Sunday prospect is only 250m east of Maranoa and has potential to be bulked together to support a larger scale of mining operations with Maranoa. In this connection, M29/427 is a granted mining lease and M29/434 is a mining lease application that has proceeded to Section 31 Native Title Negotiations.

M29/427 and M29/434 are contiguous with M29/189 (Granny Venn), which provides access to existing fit for purpose infrastructure. This includes a 2.5km long haul road with direct access to a turn-out onto the Goldfields Highway from the mine site. ROM stockpile pads and hardstands, with cleared levelled areas suitable for administration facilities and HEMM traffic, have also been retained on site following recent mining activities at Granny Venn.



At Goodenough (M29/141), three holes are planned. The Goodenough prospect is already the subject of a JORC mineral resource estimate comprising 37.5k oz indicated and 5.2k oz inferred for a total Indicated and Inferred estimate of 42.7k oz of Gold ([See ASX Release 3 November 2020](#)). Modelling work completed by the Company indicated that further peripheral and deeper drilling could improve the mineralised footprint and grade of the Goodenough resource, and in particular a higher-grade area which could support an initial mine cut.

*Table 1: Drilling Details – 14 holes for an advance of approximately 1400m*

Hole Ref	E_GDA94	N_MGA51	Azi	Dip	Depth
SFRC16	315660	6710610	90	-60	150
SFRC17	316220	6711300	300	-70	150
SFRC18	318000	6708840	90	-70	150
SFRC19	314705	6711360	80	-60	180
SFRC20	316130	6708390	70	-60	150
MRC038	314055	6713400	280	-60	80
MRC039	314066	6713439	280	-60	80
MRC040	314078	6713477	280	-60	80
MRC041	314280	6713175	280	-60	50
MRC042	314382	6713180	280	-60	50
MRC043	314288	6713197	280	-60	50
GERC001	314017	6715564	360	-90	50
GERC002	313948	6715512	300	-60	50
GERC003	313902	6715493	300	-60	50

-Ends-

Released with the authority of the Board.

For further information on the Company and our projects, please visit: [rezgroup.com.au](http://rezgroup.com.au)

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## COMPETENT PERSONS STATEMENT

The information in this release related to Exploration Results is based on and fairly represents information compiled by Mr Michael Johnstone Principal Consultant for Minerva Geological Services (MGS). Mr Johnstone is a member of the Australasian Institute of Mining and Metallurgy and has sufficient experience that is relevant to the reporting of Exploration Results to qualify as a Competent Persons as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Johnstone consents to the inclusion in this release of the matters based on their information in the form and context it appears.

## ABOUT RESOURCES ENERGY GROUP

Resources and Energy Group Limited (ASX: REZ) is an independent, ASX-listed mineral resources explorer and miner, with projects located in premier mining jurisdictions in Western Australia and Queensland. As of July 2021, the Company has delineated gold and silver resources of 183k oz/au and 862k oz/au ag: refer to Table 2.

Deposit	Material	Cut-off (gt/Au)	Indicated					Inferred					Indicated and Inferred				
			Tonnes (kt)	Au (g/t)	Ag (g/t)	Au (koz)	Ag (koz)	Tonnes (kt)	Au (g/t)	Ag (g/t)	Au (koz)	Ag (koz)	Tonnes (kt)	Au (g/t)	Ag (g/t)	Au (koz)	Ag (koz)
Mount Mackenzie	Oxide	0.35	500	1.09	8	18	136	700	0.96	4	21	87	1200	1.02	6	39	223
	Primary	0.55	1200	1.25	13	48	482	1030	1.28	5	42	157	2220	1.27	9	90	639
Goodenough	Primary	1	634	1.84		38		82	1.99		5.2		716	2.07		43	
Granny Venn <sup>(1)</sup>	Primary								2.14		2.9		175	2.1		2.9	
Maranoa	Primary	1						46			8	8.05	46	5.7		8	
<b>Total</b>			<b>2334</b>			<b>104</b>	<b>618</b>	<b>1858</b>			<b>79</b>	<b>252</b>	<b>4357</b>			<b>183</b>	<b>862</b>

*Table 2 Resources and Energy Group Resources Depleted for Mining Activity at GVCB  
(refer ASX Releases 20 October 2020, 4 May 2021, 2 November 2021)*

In Western Australia, the Company's flagship is the East Menzies project (EMP), situated 130km north of Kalgoorlie. The EMP represents a 110km<sup>2</sup> package of contiguous mining, exploration, and prospecting licenses which are prospective for precious metals, nickel, and other technology metals. The tenements are located within a significant orogenic lode gold province.

The EMP currently encompasses seven operational areas, including the Gigante Grande Gold prospect on the east side project area, which has been subdivided into three geographical domains (North, Central and South. In the southwest, drilling investigations at Springfield have intersected magmatic Ni sulphides. This is a significant material exploration result that has opened a large tract of prospective ground for nickel, cobalt, copper, and platinum group elements. In the central west, the Company is investigating opportunities for mining operations in M29/189 Granny Venn, M29/141 Goodenough, and M29/427 Maranoa. In the north exploration planning is underway to investigate the Venn Springfield corridor, from the northern end of the Granny Venn Open Pit to the Cock Robin prospect located in E29/929.



In Queensland, the Company has a 12km<sup>2</sup> Mineral Development Licence over the Mount Mackenzie Mineral Resource and retains a further 15km<sup>2</sup> as an Exploration Permit. These tenements are prospective for high, intermediate, and low sulphidation gold and base metals mineralisation. The current MRE for Mount Mackenzie has been estimated at 3.42Mt @ 1.18g/t gold and 9g/t silver for a total of 129,000 oz gold and 862k oz silver: refer to the Resource Summary. The Company is carrying out mining, groundwater, ecological, and metallurgical studies, to inform a PFS study and an application for an Environmental Authority to develop the project.