

Quarterly Activities Report

June 2022



Highlights

- **Merger with Deep Yellow Limited approved by shareholders and the Supreme Court of Western Australia**
- **Early drilling success at the Alligator River Project (Northern Territory)**
- **Mulga Rock Project (Western Australia) – work continues for Bankable Feasibility Study and planning the next stage of Early Works**
- **Cash at Quarter end – \$23.2 million**

Vimy's Managing Director and CEO, Steven Michael commented:

"This has been a very busy quarter for Vimy, ahead of the merger with Deep Yellow, which was approved by Vimy shareholders on 20 July 2022, with over 99% of shareholders voting in favour, and the Supreme Court of Western Australia on 26 July 2022.

Results from the first few diamond drill holes at the Alligator River Project have returned high-grade uranium intersections, demonstrating the potential to add significant pounds to the Angularli Deposit with a resource upgrade planned for later this year.

Work continued during the quarter at Mulga Rock on advancing the Bankable Feasibility Study and preparing for the next stage of Early Works, which will focus on site infrastructure, including the main access road, water pipeline and communications."



Figure 1: Diamond drill rig at hole ARDD0003 (first up-dip hole)



Mulga Rock Project (Western Australia)

The Mulga Rock Project is one of Australia's largest undeveloped uranium resources and is expected to produce 3.5 million pounds of uranium concentrate annually. Mulga Rock is Vimy's flagship project and is located 290km by road ENE of Kalgoorlie in the Great Victoria Desert of Western Australia. The Project comprises four Mineral Resources – Ambassador and Princess (Mulga Rock East), and Shogun and Emperor (Mulga Rock West).

Bankable Feasibility Study and Early Works Planning

The Mulga Rock Project continues to move along the development path with work proceeding on scopes of work and the recruitment of key project personnel for the Bankable Feasibility Study. Supporting studies have commenced to further investigate pit dewatering, ore variability and resin testing. Engineering studies are focussing on pit optimisation and base metal recovery improvements.

The team at Mulga Rock and in the West Perth office continues to work towards the next stage of Early Works with detailed design and tendering underway for major infrastructure including the main access road upgrade, the Kakarook borefield, main pipeline and associated infrastructure, the main communications tower and the village and airstrip.

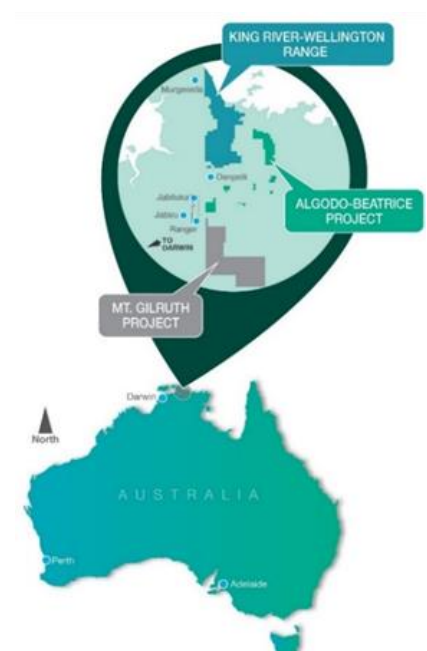


Alligator River Project (Northern Territory)

Vimy's 100%-owned Alligator River Project is the largest granted uranium exploration package, 1,701km², within the world-class Alligator River uranium district in the Northern Territory. The Alligator River Project comprises three projects:

- King River-Wellington Range - 1,701km² of granted tenure, which contains Angularli, the most advanced prospect
- Algodon-Beatrice Project - a group of tenement applications to the east of the Ranger and Jabiluka deposits
- Mt Gilruth Project - a group of tenement applications to the southeast of the Ranger and Jabiluka deposits

Vimy is actively exploring for high-grade unconformity-related uranium deposits similar to those found in Canada's Athabasca Basin. The Alligator River Project has multiple uranium targets with the Angularli deposit being the most advanced and the focus of the Company's exploration effort.





Successful drilling program at Angularli Deposit

On [12 July 2022](#), the Company announced the commencement of the resource extension drilling program at the Angularli deposit. Early drilling success was reported on [18 July 2022](#) and [28 July 2022](#), with the first three diamond drill holes drilled up-dip of the Angularli Deposit intercepting uranium mineralisation, the width and tenor of which warrants additional drilling to further extend the known mineralisation within the Mamadawerre Sandstone Formation.

Overview

The Angularli deposit is hosted in a high angled shear fault system, which has an Inferred Mineral Resource estimate of 0.91Mt at a uranium grade of 1.29% U_3O_8 (12,900ppm U_3O_8) containing 26Mlbs U_3O_8 (see ASX announcement of [20 March 2018](#) and Table 1).

The Mineral Resource Estimate is currently supported by thirty diamond drill holes. The best drill hole intercept to date at Angularli is WRD0084, consisting of 41.5 metres at 2.93% U_3O_8 , including 22.9m at 4.63% U_3O_8 .

Table 1: Angularli Mineral Resource Estimate, March 2018 ^{1, 2}

Deposit / Resource	Classification	Cut-off Grade (% U_3O_8)	Tonnes (Mt) ¹	U_3O_8 (%) ²	U_3O_8 (Mlbs)
Angularli	Inferred	0.10	0.95	1.24	26.0
		0.15	0.91	1.29	25.9
		0.20	0.88	1.33	25.8
		0.25	0.77	1.49	25.2

¹ t = metric dry tonnes; appropriate rounding has been applied and rounding errors may occur.

² Using chemical U_3O_8 composites from drill core.

The current drill program is designed to test extensions of the Angularli deposit at depth, up-dip and uranium-bearing structures to the north and west of the defined Mineral Resource. A minimum of nineteen diamond drill holes is planned to be drilled over the next three and a half months. With up to 45 drill holes permitted, Vimy has been able to modify the drill program in real time to extract maximum value from the program.

The first seven holes are focused on up-dip and down-plunge extensions to the existing mineral resource and a further twelve diamond holes are planned to be drilled at the Angularli North, South and West prospects.

Geological and structural logging of drill core and downhole wireline logging will be completed on each hole prior to samples being sent for multi-element analysis.

The results of drilling up-dip and down-plunge of the Angularli Deposit will be used to update the mineral resource estimate expected in late 2022.

Diamond drilling results

The first three diamond holes intercepted uranium mineralisation up-dip of the Angularli inferred resource, with key intercepts including:

Drill hole ARDD0003:

- 2.65m @ 0.51% e U_3O_8 from 170.9m
- 4.50m @ 0.56% e U_3O_8 from 184.7m
- 5.90m @ 0.30% e U_3O_8 from 191.0m



Drill hole ARDD0004:

- 5.40m @ 0.45% eU₃O₈ from 179.9m
- 6.35m @ 0.95% eU₃O₈ from 217.9m, including
 - 2.95m @ 1.42% eU₃O₈ from 221.3m

Drill hole ARDD0005:

- 11.75m @ 1.13% eU₃O₈ from 201.0m, including
 - 5.20m @ 2.10% eU₃O₈ from 204.5m
- 7.90m @ 0.31% eU₃O₈ from 218.1m

A further three holes are being drilled at the up-dip extension with the aim of extending the known mineralisation within the Mamadawerre Sandstone Formation and allow a mineral resource update to be completed in late 2022.

Figure 2 shows the location of ARDD0003, ARDD0004 and ARDD0005 drill collars, which are located in a north-northwest (NNW) trend up-dip along the Angularli fault. ARD0007 is in progress and three further holes are being considered up-dip to support a Mineral Resource update.

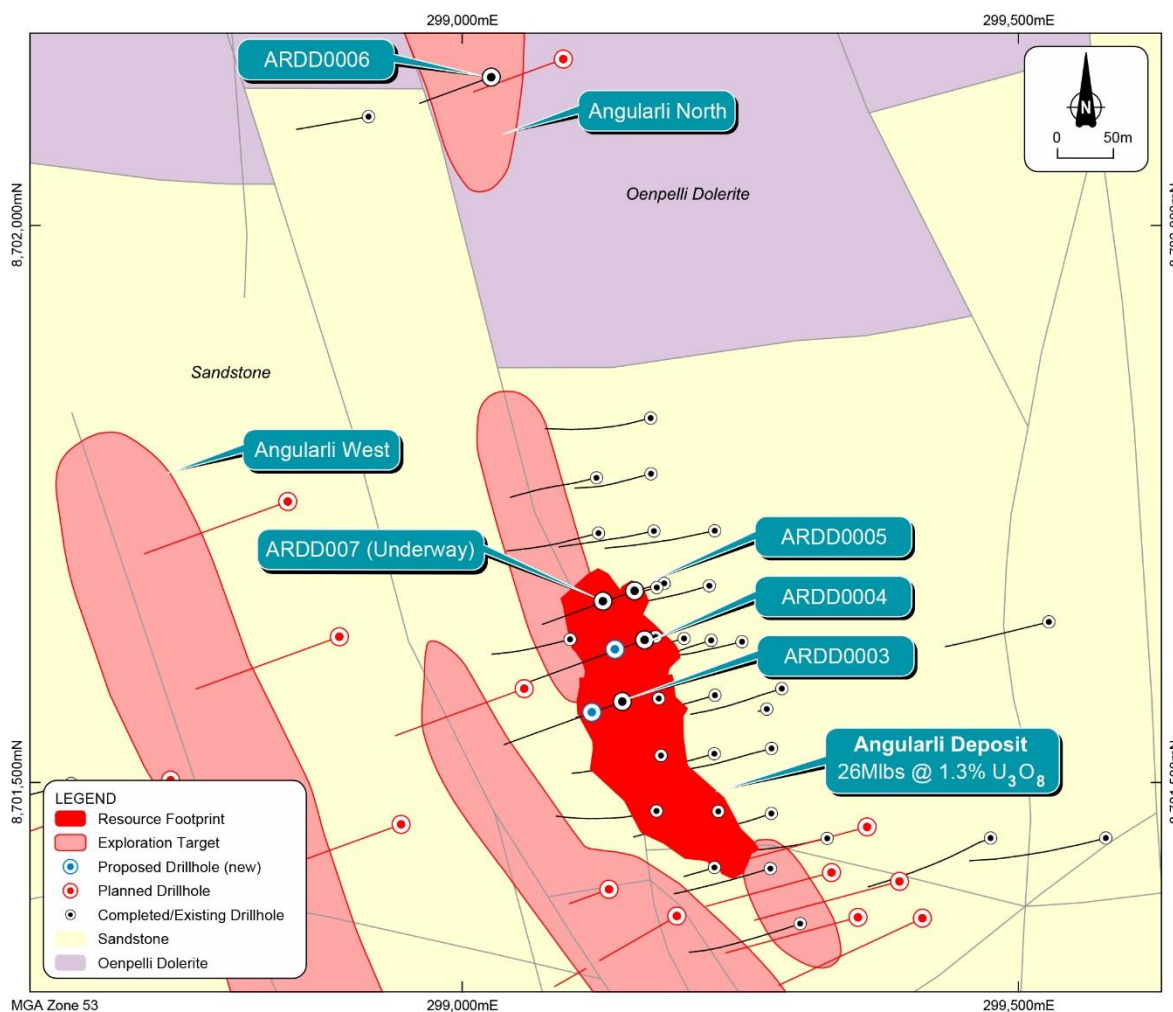




Figure 3 shows typical disseminated uranium mineralisation within the bleached Mamadawerre sandstone. Figure 4 shows a narrow high-grade section of uranium mineralisation in ARDD0005.



Figure 3: Typical high-grade mineralised veins in ARDD0005 drill core (206m – 210.4m), showing a combination of disseminated and fracture-controlled uranium mineralisation in a bleached silica-pyrite sandstone

Visual observations of the uranium mineralisation intersected in ARDD0003, 0004 and 0005 suggest that the additional up-dip mineralisation identified to date is mineralogically similar to that tested in the 2018 leach testwork and 2019 ore sorting trial, which demonstrated exceptional uranium leach extraction rates and low reagents consumption, as well as high physical upgrading potential (see ASX announcements dated [3 Sep 2018](#) and [16 Sep 2020](#)).



Figure 4: Very high-grade uranium vein in ARDD0006 (219m)

Hydrothermal alteration proximal to the mineralised sandstone is consistent with previous observations of silica-sericite and pyrite replacement of the primary matrix, and more distal alteration characterised by intense bleaching of the sandstone along with diaspore and dravite veins. This alteration is an important pathfinder for unconformity-related deposits and provides a means to identifying fertile fault zones close to surface.



Preliminary observations on the sandstone-hosted uranium mineralisation is characterised by breccia matrix fill and discrete uranium veining. Increased alteration along those veins is interpreted as the result of more intense hydrothermal fluid interaction due to the greater porosity of the sandstone relative to the underlying silica flooding breccia (down-dip basement).

Once the up-dip extension drill holes are completed, then the Angularli North prospect, associated with a strong induced polarisation (IP) anomaly and along strike of the Angularli fault will be tested. The drill rig will then proceed with resource extension drilling down-dip of the Angularli resource, which remains open at depth.

A minimum of 19 diamond drill holes are planned to be drilled at Angularli over the next three and a half months. The first 8 holes will now be focused on up-dip and down-plunge extensions to the existing mineral resource and a further 11 diamond holes are planned to be drilled at the Angularli North, South and West prospects. Geological and structural logging of drill core, downhole wireline logging and a range of additional analyses will be completed on each hole prior to samples being sent for multi-element analysis.

The following three figures show the cross-sections for ARDD0003, ARDD0004 and ARDD0005 respectively, and their position relative to the Mineral Resource.

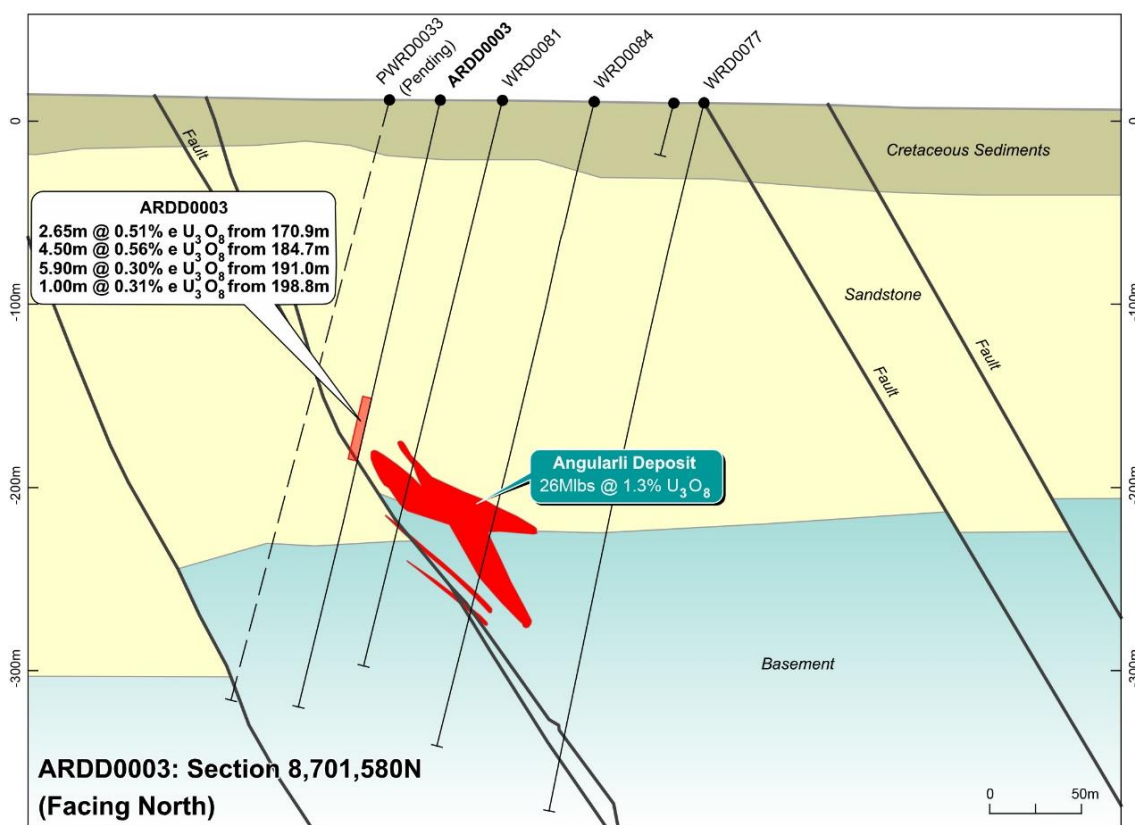


Figure 5: Angularli Deposit - Cross Section 8,701,580N (Looking North)

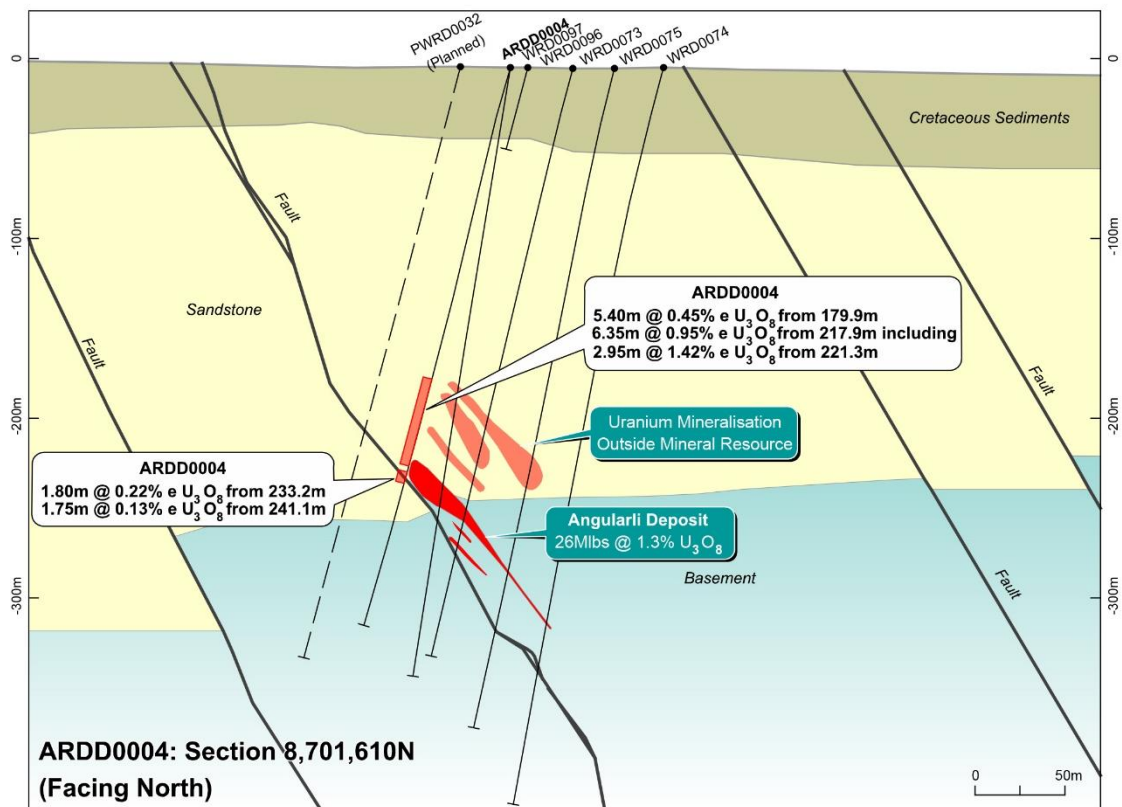


Figure 6: Angularli Deposit - Cross Section 8,701,610N (Looking North)

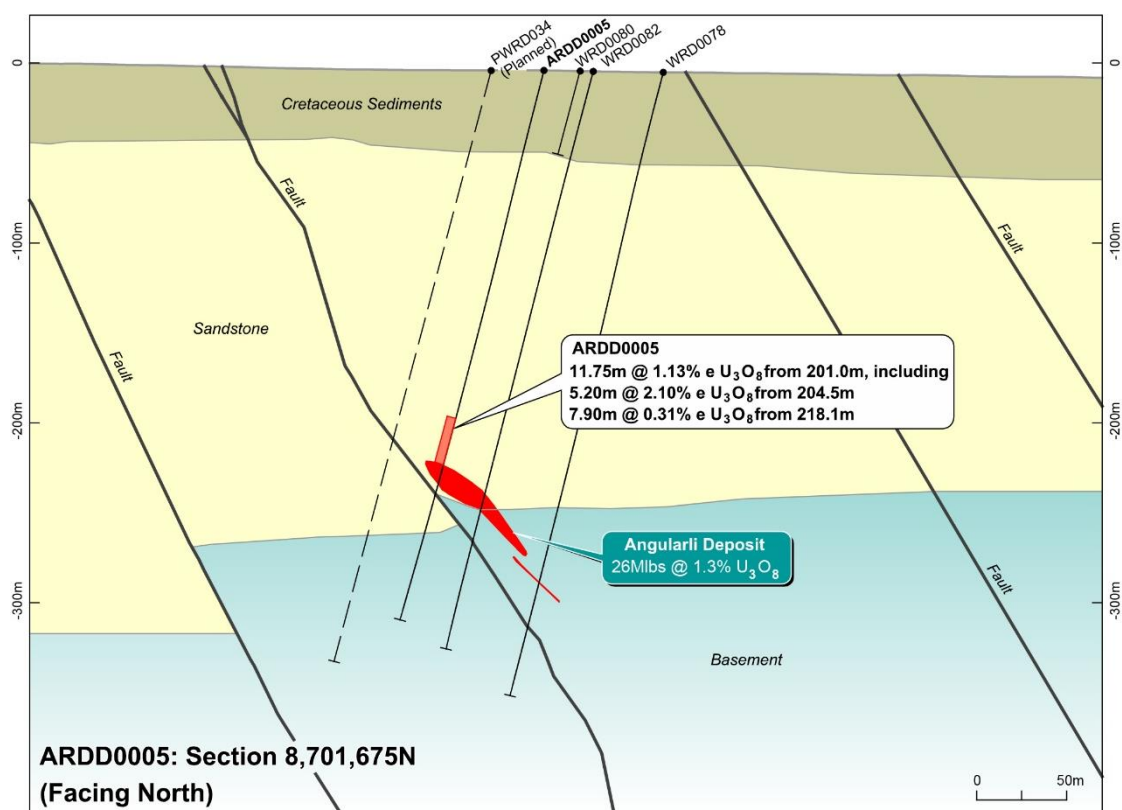


Figure 7: Angularli Deposit - Cross Section 8,701,675N (Looking North)

Corporate

Merger with Deep Yellow

On [31 March 2022](#), Vimy and Deep Yellow Limited (**Deep Yellow**) (ASX: DYL, OTCQX: DYLLF) announced their agreement to a merger by a Scheme of Arrangement (**Scheme**), under which Deep Yellow will acquire 100% of the Vimy shares on issue.

On [20 July 2022](#), Vimy announced that the requisite majorities of its shareholders (**Vimy Shareholders**) had voted in favour of the Scheme and on [26 July 2022](#), Vimy further announced that the Supreme Court of Western Australia (**Court**) had made orders approving the Scheme.

Vimy lodged an office copy of the Court's orders with the Australian Securities and Investments Commission on Wednesday, 27 July 2022, at which time the Scheme became legally effective. Vimy's shares were suspended from trading on ASX at close of trading on Wednesday, 27 July 2022.

Scheme Timetable

The key remaining dates expected for the Scheme are set out below.

Key Dates	Date*
Scheme Record Date	5:00pm (AWST), Friday, 29 July 2022
Implementation Date	Thursday, 4 August 2022
New Deep Yellow Shares commence trading on ASX on a normal settlement basis	Friday, 5 August 2022

*All times and dates in the above timetable are references to the time and date in Perth, Western Australia (AWST). All dates are indicative only. Vimy reserves the right to vary the times and dates set out above. Any changes to the above timetable will be announced on ASX and notified on Vimy's website at www.vimyresources.com.au.

Cash at Bank

Cash at 30 June 2022 amounted to \$23.2 million.

Expenditure

Cash spent on operating activities including development, exploration and evaluation, staff costs, administration and corporate costs and uranium marketing activities in the June 2022 Quarter amounted to \$3.9 million, including \$2.8 million of development activities at Mulga Rock and exploration activities at Alligator River.

Pursuant to ASX Listing Rule 5.3.5, the Company notes that during the December quarter, \$16k was paid to FTI Consulting, an associate of Ms Edwardes and Mr Michael, for providing advisory services. Non-executive director fees of \$22k were paid to Sabre Ventures Pty Ltd, a related party to Mr Bramwell.



Tenements

Tenement details for the Mulga Rock Project (Narnoo Mining Pty Ltd), Alligator River Project (Viva Resources Pty Ltd) and Kingston Project (Vélo Resources Pty Ltd) are shown in Table 2.

Steven Michael
Managing Director

Tel: +61 8 9389 2700

Released for and on behalf of the Board of Vimy Resources Limited

Table 2: Tenement details at 30 June 2022

Tenement	Nature of Interest	Interest at Beginning of Quarter	Interest at End of Quarter
Mulga Rock Project (Mt Margaret Mineral Field, Western Australia)			
M39/1104	Granted	100%	100%
M39/1105	Granted	100%	100%
E39/2049	Granted	100%	100%
L39/193	Granted	100%	100%
L39/219	Granted	100%	100%
L39/239	Granted	100%	100%
L39/240	Granted	100%	100%
L39/241	Granted	100%	100%
L39/242	Granted	100%	100%
L39/243	Granted	100%	100%
L39/251	Granted	100%	100%
L39/252	Granted	100%	100%
L39/253	Granted	100%	100%
L39/254	Granted	100%	100%
L39/279	Granted	100%	100%
L39/280	Granted	100%	100%
L39/287	Granted	100%	100%
L39/288	Granted	100%	100%
L39/289	Granted	100%	100%
P39/5844	Granted	100%	100%
P39/5853	Granted	100%	100%
R39/0002	Granted	100%	100%
Alligator River Project (Northern Territory)			
EL22430	Granted	100%	100%
EL24920	Granted	100%	100%
EL26089	Granted	100%	100%
EL24017	Granted	100%	100%
EL25064	Granted	100%	100%
EL25065	Granted	100%	100%
EL27059	Granted	100%	100%
EL5893	Granted	100%	100%
Kingston Project (Mt Margaret Mineral Field, Western Australia)			
E38/3203	Granted	100%	100%
E39/2012	Granted	100%	100%
E39/2013	Granted	100%	100%
E39/2115	Granted	100%	100%
E39/2149	Granted	100%	100%



Competent Person Statement

Information in this announcement that relates to the Mulga Rock or Alligator River Exploration Results, Mineral Resources and Production Targets that are a product of these estimates is extracted from ASX announcements entitled 'Significant Resource Upgrade for Mulga Rock Project' announced to ASX on 23 June 2016 (Mulga Rock Base Metal Mineral Resource); 'Significant Resource Update – Mulga Rock Cracks 90 Mlbs' announced to ASX on 12 July 2017 (Mulga Rock Uranium Mineral Resource), the release entitled 'Maiden Mineral Resource at Angulari Deposit Alligator River Project' announced to ASX on 20 March 2018 (Alligator River Mineral Resource), the release entitled 'Major Ore Reserve Update – Moving to the Go Line' announced to ASX on 4 September 2017 the release entitled Early Drilling Success at Alligator River Project announced to ASX on 18 July 2022 and the release entitled Further Drilling Success at Angularli, Alligator River released to ASX on 28 July 2022, which are available to view on <https://www.vimyresources.com.au/> or www2.asx.com.au. Vimy confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

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About Vimy Resources

Vimy Resources Limited (ASX: VMY, OTCQB: VMRSF) is a Perth-based resource development company. Vimy's flagship project is the Mulga Rock Project (100%), one of Australia's largest undeveloped uranium resources, which is located 290km by road ENE of Kalgoorlie in the Great Victoria Desert of Western Australia.

Vimy also owns and operates the largest granted uranium exploration package in the world-class Alligator River uranium district, located in the Northern Territory. Vimy is exploring for large high-grade uranium unconformity deposits identical to those found in the Athabasca Basin in Canada.

Vimy acknowledges the Traditional Custodians of the country on which we work and travel, throughout Australia, and respects their associated connections.

Directors and Management

The Hon. Cheryl Edwardes AM
Non-Executive Chairman

Wayne Bramwell
Non-Executive Director

Steven Michael
Executive Director & CEO

Tony Chamberlain
Executive Director & COO

Paula Arthur
Manager Approvals and ESG

Shannon Coates
Company Secretary

Scott Hyman
Vice President Sales and Marketing

Xavier Moreau
General Manager, Geology and Exploration

Matthew Owen
Chief Financial Officer

Kyle Pitcher
Mulga Rock Project, Registered Manager

For a comprehensive view of information that has been lodged on the ASX online lodgement system and the Company website, please visit asx.com.au and vimyresources.com.au, respectively.

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Automatic Group

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+61 2 9698 5414 (outside Australia)
W: investor.automic.com.au
E: hello@automicgroup.com.au



Vimy has adopted
Towards Sustainable Mining®
an award-winning
accountability framework
which helps minerals companies
evaluate, manage and communicate
their sustainability performance.

Adopting the independently
verified system will reinforce
Vimy's commitment
to continuous improvement
in safety, environmental
and social governance (ESG).

Committed to:



The amount of natural uranium
produced from Mulga Rock
(3.5Mlbs pa U₃O₈)
if utilised in nuclear reactors
which displaced coal-fired electricity
would reduce carbon dioxide
equivalent emissions
by approximately

64 million tonnes



That is equivalent to
about 12%
of Australia's
greenhouse gas emissions
and 70%
of Western Australia's