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7 May 2024

Multiple High-Potential Targets for Uranium Exploration Identified at Overland Project

Highlights:

- **The Overland Project area has strong potential for In-Situ Recovery (ISR) amenable, sedimentary-hosted uranium deposits.**
- **Geological studies have identified multiple sources, pathways, and traps for uranium within the project area.**
- **The target Renmark Group sediments display characteristics favorable for ISR uranium mineralisation, including permeable pathways and reductants.**
- **Gaseous hydrocarbon emissions along the margin of the Nadda Basin, located within the Overland tenement package, could potentially generate Kazakh[1] style uranium mineralisation along a 50-kilometer corridor.**
- **Kazakh-style deposits are a significant contributor to global uranium supply, accounting for approximately 40% of the world's total supply.**
- Engage with this announcement at the AR3 ***investor hub.***

AR3 Managing Director and CEO, Travis Beinke, said:

"The results of the prospectivity analysis at Overland are highly encouraging with the identification of multiple targets with characteristics similar to those of successful ISR uranium operations in the region.

AR3 is well-positioned to leverage our teams experience in uranium exploration to advance Overland and deliver significant value for our shareholders. This project is a key part of the Company's strategy to explore and potentially develop transition metals for a decarbonised future, with uranium playing a critical role in the global clean energy mix."

[1] Kazakh style deposits are ISR amenable, sedimentary hosted deposits occurring in Kazakhstan generated by hydrocarbon based reductants and which provide ~40% of the world's uranium supply

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Australian Rare Earths Limited (**ASX:AR3**, or "**Company**") is pleased to announce that prospectivity analysis at its Overland Uranium Project in South Australia has identified multiple high-potential targets for uranium exploration.

Overland encompasses approximately 3,000 square kilometers of land located in South Australia, approximately ~220km southwest of Boss Energy's Honeymoon Mine[2]. AR3 believes the Project area holds similar promise for uranium exploration, targeting paleochannel sediments of the Renmark Group which are considered geologically analogous to those in the Eyre Formation, which hosts Boss Energy's successful uranium operations.

Overland – Sedimentary Hosted Uranium Prospectivity

Three key characteristics are required for the deposition of sedimentary hosted uranium deposits:

- a **source** rock that releases uranium in solution,
- a permeable sediment pathway for the uranium-bearing solution to travel into a **host** basin and
- A reductant (a **trap**) to cause the uranium to precipitate out of solution and concentrate it in a deposit.

All three keys characteristics are present in AR3's Overland Project area. Prospective horizons of Murray Basin sediments, the Renmark Group, have been identified which have all the key ingredients for ISR amenable uranium deposits at Overland.

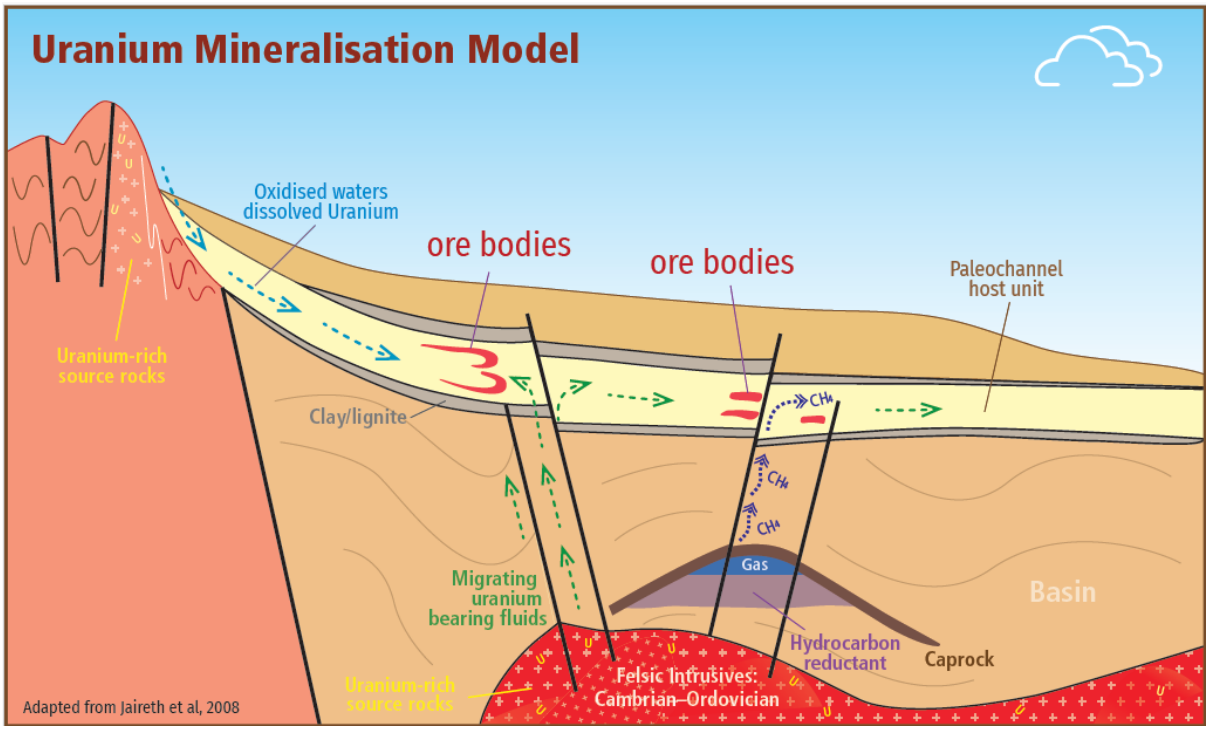

Figure 1: *Model of basin-related uranium mineralising systems. A range of uranium depositional sites and deposit styles are represented in this district- to deposit scale mineral systems model*

[2] Refer to ASX release *"AR3 Moves to Secure Commanding Tenure Position in Potential New Uranium Province"* dated 15 April 2024

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Sources

Multiple sources within the Adelaide Fold Belt exist to contribute uranium in solution into the Murray Basin sediments. In particular, Felsic intrusives of the same age of emplacement as the intrusive rocks contributing uranium to Beverley / 4 Mile occur within the basement terrane adjacent to the Murray Basin, Figure 4.

Airborne radiometrics (Uranium channel) illustrate the movement of uranium in modern drainage systems from the adjacent basement rocks into the basin setting – see Figure 1.

Evidence of the movement of uranium in solution accumulating against a trap mechanism (in this case, a phosphate) is shown in the nearby Fairview uranium occurrence, with material sampled there grading 2,500ppm U – see Figure 2.

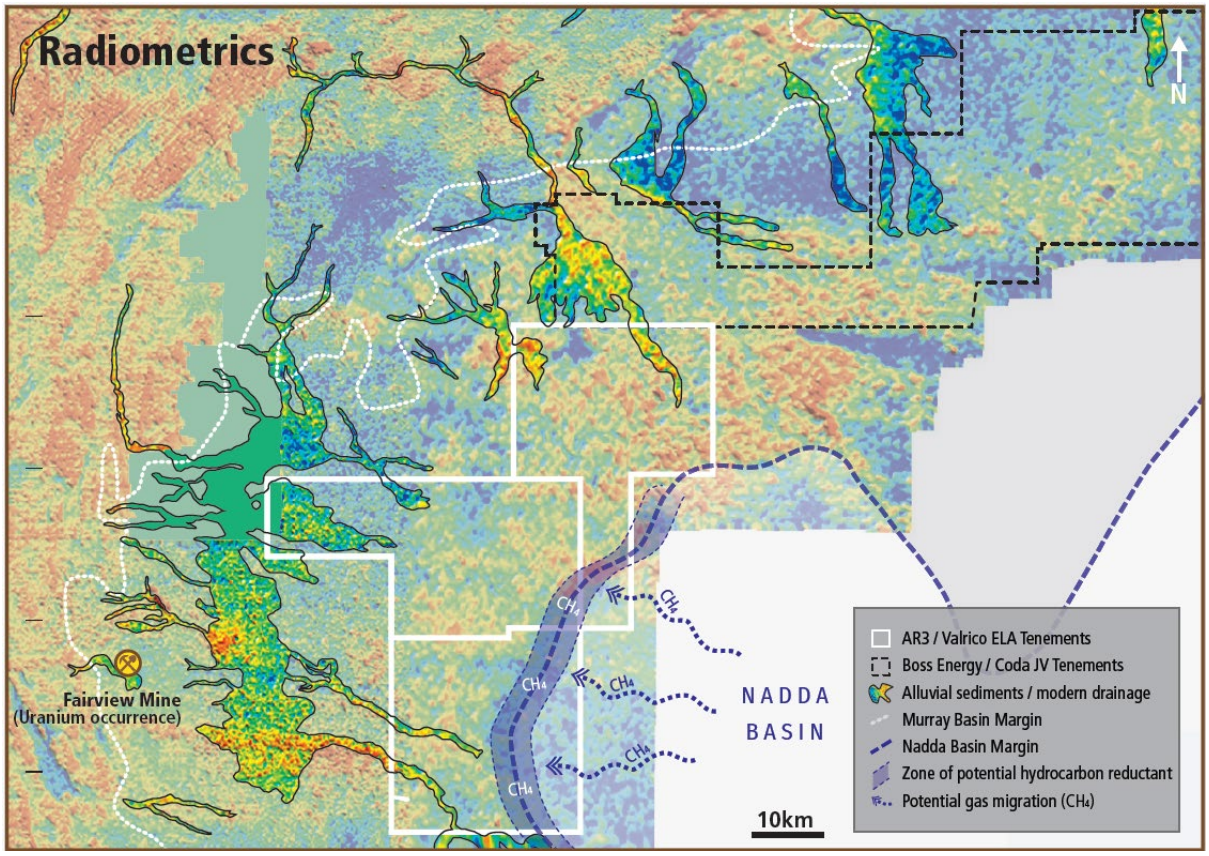

Figure 2: *Overland Project area, showing; Tenement Outlines with airborne radiometrics survey (Uranium Channel), modern drainage lines bringing uranium into the basin setting and the Nadda Basin margin*

Hosts

Sediments of the Renmark Group within the Murray Basin provide the permeable pathways and organic reductants to establish sedimentary hosted uranium deposits.

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The North-western Murray Basin within South Australia has previously been noted as prospective for palaeochannel hosted roll front deposits within fluvial channel sands of the Renmark beds for the following reasons[3];

- Drainage into the northern Murray Basin sources granites and meta sediments anomalous in uranium
- Basal Tertiary sediments of the Murray Basin include the Onley formation and channel fill Warina Sand. The Warina Sand is an ideal host for uranium mineralisation
    - Deposited in a fluvial environment
    - Medium to coarse grained quartz sands
    - Interbedded clays and carbonaceous material (variably pyritised)

Existing (historic) drilling within the Overland Project area is already providing target locations for follow up, with anomalous gamma responses within the Renmark Group sediments providing pointers to uranium being captured from solution at those locations – see section below. Other intersections of note pointing to additional prospective zones within the project area have also been identified in historic drilling and are tabled below, Table 1.

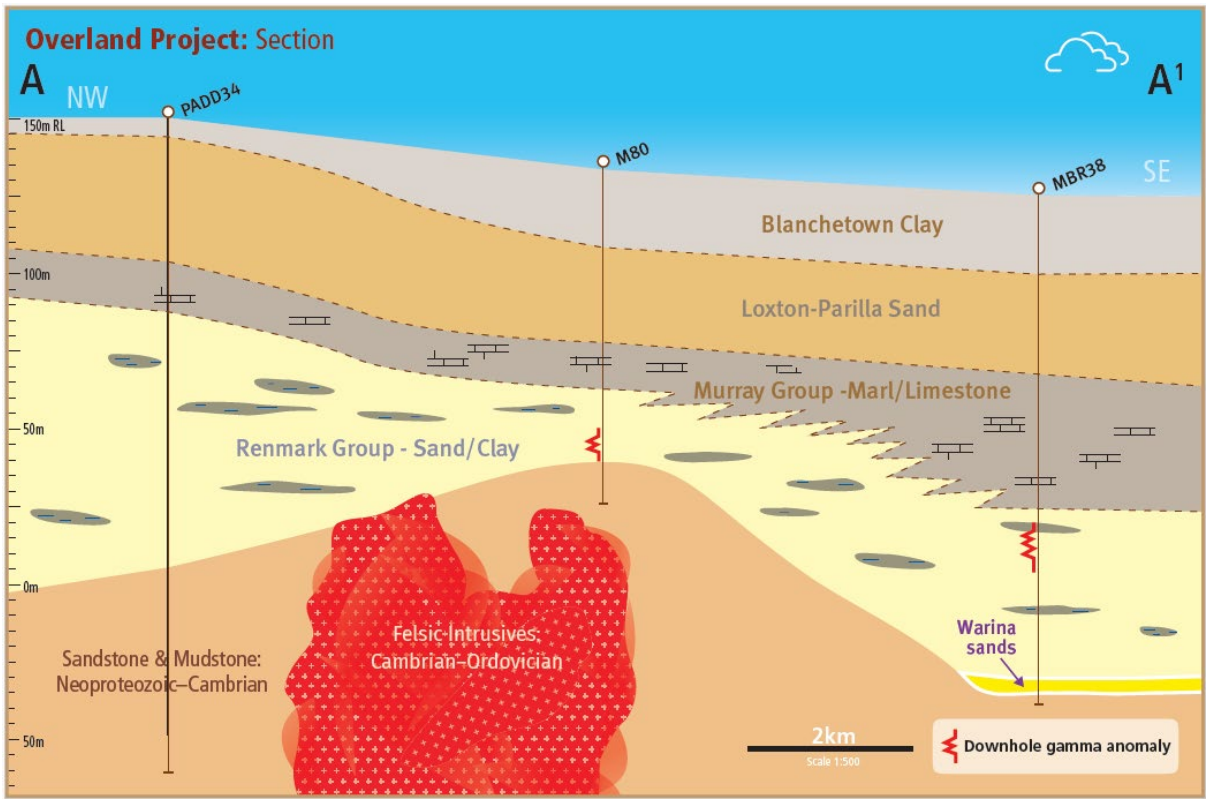

Figure 3: *Section through wide spaced drilling at Overland Prospect showing zones of anomalous gamma within the prospective target sedimentary sequence of the Renmark Group. Section Location plan – see Figure 4*

[3] Fabris, A.J. North-Western Murray Basin geological synthesis. *South Australia. Department of Primary Industries and Resources*. Report Book 2003/13

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Table 1: *Table of Historic drilling intersections of note*

Hole ID	From (m)	To (m)	Width (m)	Unit	Summary Description
MBR37	132	207	75	Renmark	fine-med sands, oxidized with carbonaceous clay
MBR38	100.4	167.2	62.3	Renmark & Warina	fine-coarse sands, oxidized w lignitic clay, Warina sands from 160.6m
Bungunnia Bore	129.5	219.2	89.7	Renmark	coarse-silty sands, reduced? carbonaceous in parts
DEL09AC119	176	192	16	Renmark	dark brown med sands
DEL09AC140	128	190	62	Renmark	med carbonaceous sands with clay, lignite from 182m
DEL09AC134	112	228	116	Renmark	sand and clay with pyrite and organic material

Trap

Uranium is precipitated under reducing conditions caused by a variety of reducing agents within the permeable sediments including carbonaceous material (detrital plant debris, amorphous humate, marine algae), sulphides (pyrite, H2S), and hydrocarbons.

Sediments within the target Renmark Group have been previously described as containing these organic and sulphidic sources of reductants, and review of the historic drilling, tabled above, has provided target locations for follow up at Overland based on the presence of those reductants.

Hydrocarbon sources of reductants. Methane and other gaseous hydrocarbons are potentially emanating from the Nadda Basin at its margin. The Nadda Basin is a petroleum basin associated with the Renmark Trough and has the potential to be providing reductants into the overlying Renmark Group sediments generating traps for uranium in solution analogous to the Khazak style deposits which currently provide ~40%[4] of the world's uranium. A 50km long zone of potential for this style of deposit exists within the Overland Project area – see below, Figure 4.

Faulting within the Overland Prospect setting provides additional mechanisms for a host and trap to have been formed, and the faulting parallel to the basin margin at Overland is analogous to the setting for the creation of the palaeochannel hosting the Beverley deposit[5]

[4] https://world-nuclear.org/information-library/country-profiles/countries-g-n/kazakhstan

[5] Beverley contains several ore lenses in unconsolidated sands lying at a depth of 100-130 metres, over some 4 km of palaeochannel. The three initially mined contained at least 21,000 tonnes of uranium oxide at 0.18% grade, mostly recoverable by in situ leaching. https://www.world-nuclear.org/information-library/appendices/australia-s-uranium-mines

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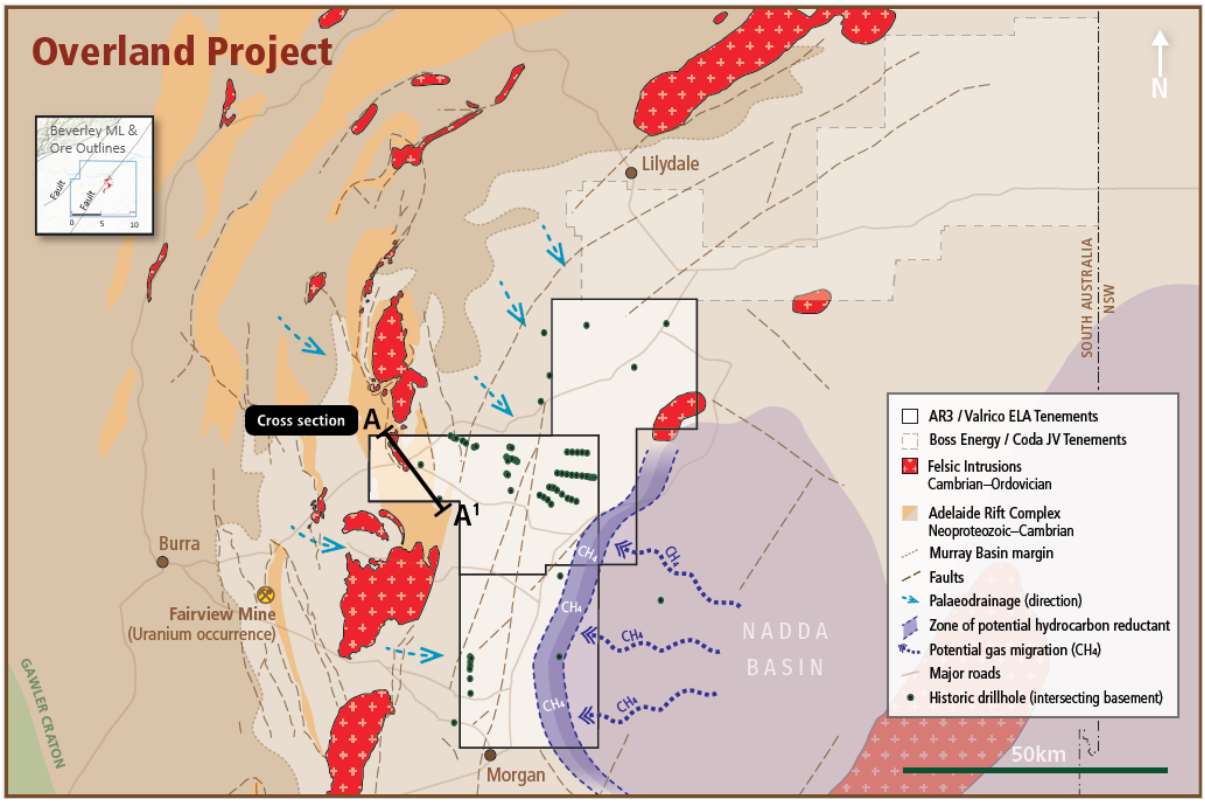

Figure 4: *Overland Project Geology, Structure (faulting) and Historic drill holes intersecting basement with Nadda Basin margin and Beverly ML and Ore outlines shown for their scale*

Next steps

- **Grant of Exploration Licenses:** September 2024 quarter (anticipated).
- **Stakeholder Engagement:** AR3 will begin working with stakeholders in preparation for on-ground exploration activities.
- **Exploration Program (PEPR) Development**: AR3 will develop an exploration program.
- **Data Analysis:** AR3 will continue to compile and interpret all existing geological and geophysical data.
- **Geophysical Surveys:** AR3 will plan wide-area geophysical surveys to map the sedimentary formations on the basement architecture and identify potential paleochannel sequences within the Renmark Group.

Satellite Imagery Gas Study and Thermal Imaging Analysis using Sentinel-2 satellite imagery will be conducted with the objective of detecting helium, hydrogen, methane and other gasses emanating at surface that may provide targeting mechanisms for exploration and assist with possible identification of uranium mineralisation at depth.

AEM data (TEMPEST™) is available over ~65% of the Overland Tenure for re-processing to define palaeochannel targets – the data coverage is shown below in Figure 5. The Frome Airborne Electromagnetic (AEM) Survey was designed to deliver reliable precompetitive AEM data and scientific analysis to aid research into the potential of energy and mineral resources of South Australia. The Survey was flown by Fugro Airborne Surveys (FAS) for Geoscience Australia between 22 May and 2 November 2010, using the TEMPEST™ time-domain electromagnetic (TEM)

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system. Survey lines were flown east-west at a nominal 100 m above ground level and spaced 2.5 km or 5 km apart.

At the conclusion of the next steps described above, there will be scope for additional AEM surveys to be completed and for on ground geophysical surveys to be undertaken to further refine targeting. The Satellite Imagery Gas Study may also allow for follow up on-ground work through the application of a radon emanometry (radon cup) surveys. These remote sensing, and on-ground geophysical techniques will provide valuable additional targeting information for subsurface investigations through the drilling planned to be undertaken.

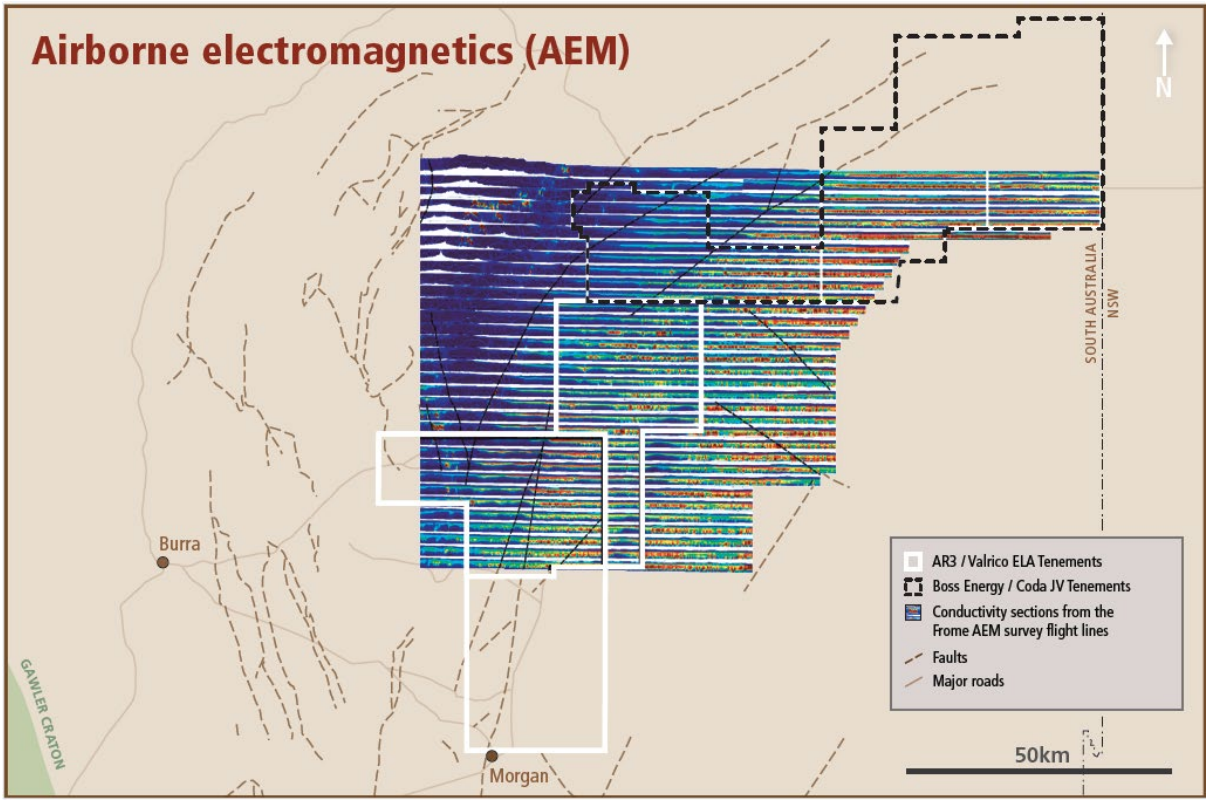

Figure 5: *Frome AEM survey data available for re-processing to identify Palaeo Valley systems with the Overland tenure*

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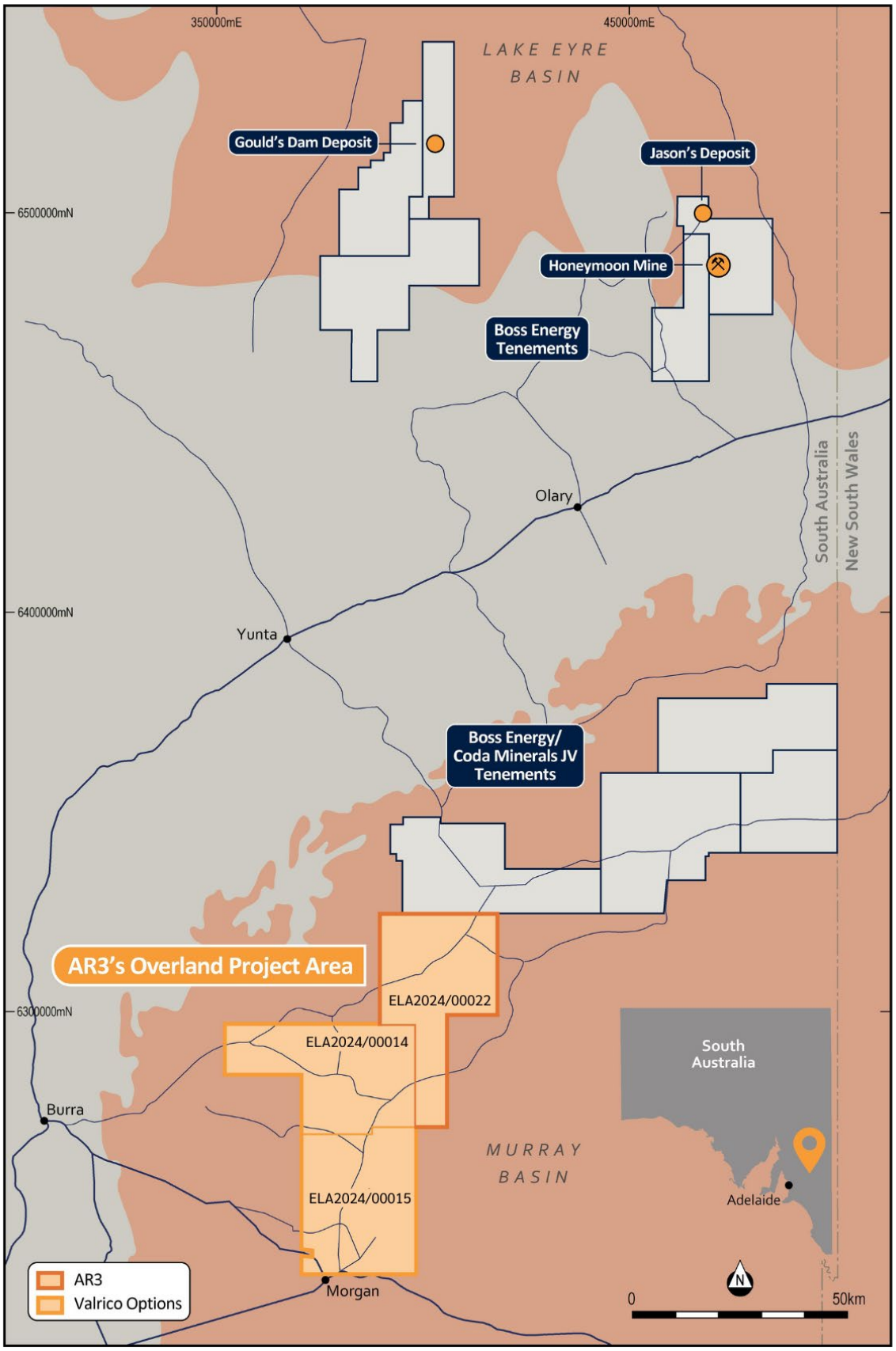

Figure 6: *Overland Project area*

The announcement has been authorised for release by the Board of Australian Rare Earths Limited.

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Engage and Contribute at the AR3 investor hub: https://investorhub.ar3.com.au/

Competent Person's Statement

The information in this report that relates to Exploration results is based on information compiled by Australian Rare Earths Limited and reviewed by Mr Rick Pobjoy who is the Technical Director of the Company and a member of the Australian Institute of Mining and Metallurgy (AusIMM). Mr Pobjoy has sufficient experience that is relevant to the style of mineralisation, the type of deposit under consideration and to the activities undertaken to qualify as a Competent person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Pobjoy consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

About Australian Rare Earths Limited

Australian Rare Earths is committed to the timely exploration and development of its 100% owned, flagship Koppamurra Project, located in the new Koppamurra rare earths Province in southeastern South Australia and western Victoria. Koppamurra is a prospective ionic clay hosted rare earth deposit, uniquely rich in all the elements required in the manufacture of rare earth permanent magnets which are essential components in electric vehicles, wind turbines and domestic appliances. In addition, AR3 is actively reviewing other potential prospective areas which may also host uranium and ionic clay hosted rare earth deposits throughout Australia.

The Company is focused on executing a growth strategy that will ensure AR3 is positioned to become an independent and sustainable source of energy transition metals, playing a pivotal role in the global transition to a green economy.

https://investorhub.ar3.com.au/link/4PKDgy

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JORC Table 1

Section 1 Sampling Techniques and Data		
Criteria	**Explanation**	**Comment**
Sampling techniques	*Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from 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 coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g.,*	• *Down hole gamma logs were used by CRA Exploration (Hole 81MRR 38) and South Australian Department of Mines and Energy (Hole M80).* • *Possible uranium mineralization was identified using the gamma logs, highlighting and correlating the anomalous gamma peaks between these holes.* • *U3O8 grades have not been determined from holes 81MBR38 or M80 and the associated gamma response from these holes may/may not be related to U mineralization and is unverified.* • *The Fairview uranium occurrence is based on reported SA Geodatabase Reference sample #152296 (Explorers sample 45835) sourced from the SA Geodatabase available on SARIG https://minerals.sarig.sa.gov.au/RockSampleDetails.aspx?SampleNo=45835* • *Sample #152296 was collected by A.F. Crooks on 20/08/1984 and the sample was analyzed by XRF. Details on the lab or XRF device were not specified.*

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	submarine nodules) may warrant disclosure of detailed information.	
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).*	• *Drill type and details of the holes presented in this release are shown within "Appendix 1- Historical Drill hole Details" including reference to the original report.* • *All data is publicly available and sourced online from the South Australian Resources Information Gateway (https://map.sarig.sa.gov.au/) between April 1st and May 5th 2024.*
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. 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.*	• *No sample recovery information was reported in historical reports.*
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged.*	• *All drillholes were logged qualitatively for major and minor lithologies by previous explorers.* • *No geotechnical logging was completed by previous explorers.* • *The detail of logging is not sufficient to support consideration of resource estimation, mining, or metallurgical studies.*

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Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all cores taken.* *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* *For all sample types, the nature, quality, and appropriateness of the sample preparation technique.* *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• *No additional detail on gamma logging or sub sampling techniques is available from previous reports.*
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.*	• *Down hole gamma is not a direct measure of U3O8. Down hole gamma tools measure the gamma radiation emitting from radioactive decay daughter products. No U3O8 grades have been reported from down hole gamma in this report.* • *The Fairview uranium occurrence an is based on reported SA Geodatabase Reference sample #152296 (Explorers sample 45835) sourced from the SA Geodatabase available on SARIG (https://minerals.sarig.sa.gov.au/RockSampleDetails.aspx?SampleNo=45835)* • *Sample #152296 was collected by A.F. Crooks on 20/08/1984 and the sample was analyzed by XRF, details on the lab or XRF device were*

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	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.	*not specified.*
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.* *The use of twinned holes.* *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* *Discuss any adjustment to assay data.*	• *All data is historical and open file data through the South Australian Dept of Energy and Mining (DEM), on the South Australian Resources Information Gateway (SARIG). Including:* • *Open File Envelope ENV03957, CRA Exploration, 1981/2* • *Open File Envelope ENV11448, Goldfields Australia, 2009/10* • *Report Books RB82/00098, South Australian Department of Mines and Energy, 1981.* • *A complete list of all reports included in Appendix 1.* • *No Significant intersections were reported in the drillholes within this release.*
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* *Specification of the grid system used.* *Quality and adequacy of topographic control.*	• *All maps are in GDA94/MGA zone 54.* • *Locations of historical drill holes reported in this ASX release are detailed in Appendix 1 and maps/figures within this release.*
Data spacing and distribution	*Data spacing for reporting of Exploration Results.* *Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and*	• *Locations of historical drill holes reported in this ASX release are detailed in Appendix 1.* • *No geological or grade continuity estimations are being determined from the historical data.*

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	classifications applied. Whether sample compositing has been applied.	
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• *All drill holes were drilled vertically as detailed in Appendix 1 of this release.*
Sample security	*The measures taken to ensure sample security.*	• *Australian Rare Earths was not present during the handling of the samples and cannot verify sample security. All sample information is from historical reports detailed in Appendix 1.*
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	• *No Audits have been carried out.*

Section 2 Reporting of Exploration Results		
Criteria	**Explanation**	**Comment**
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* *The security of the tenure held at the time of*	• *Australian Rare Earths Overland project is comprised of ELA2024/00014, ELA2024/00015 and ELA2024/00022.* • *ELA2024/00014 & ELA2024/00015 are under application by Valrico Resources and will be purchased by AR3 upon granting subject to the terms detailed in AR3's ASX announcement 3 April 2024.* • *ELA2024/00022 is under application by WRDBD Developments Pty Ltd, a wholly owned subsidiary of Australian Rare Earths.* • *The three ELA's cover an area of*

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	reporting along with any known impediments to obtaining a licence to operate in the area.	*approximately 2,980km2.* • *There are no Conservation Parks or Regional Reserves in the Application areas.* • *The White Dam and Morgan CP are located outside the SW corner of ELA2024/00015.* • *Registered Native Title Determination Application SC2019/001 overlaps with the central portion of ELA 2024/00015.* • *Registered Native Title Determination Application SC20/002 overlaps with the NW corner of ELA 2024/00022.* • *A registered and Notified Indigenous Land Use Agreement (ILUA)- The River Murray and Crown Lands SI2011/025 overlaps with the southern portion of ELA2024/00015* • *A registered and Notified Indigenous Land Use Agreement (ILUA)- Ngadjuri Faraway Hill Pastoral SI2005/005 overlaps with the Northwest corner of ELA2024/00022.*
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	• *Exploration activities by other exploration companies extends back to the 1970's.* • *Historically the area has been explored for Base Metals, Coal, Gold, Copper, Heavy Mineral Sands, and Water.* • *A detailed list of historic exploration is provided in Appendix 1.*
Geology	*Deposit type, geological setting and style of mineralisation.*	• *The Overland project is targeting Paleochannel Uranium within the Renmark Group sediments of the Murray Basin.* • *Sedimentary hosted uranium deposits occur in medium to coarse-grained sedimentary sequences deposited in a continental fluvial or marginal marine sedimentary environment. Impermeable shale/mudstone units are interbedded in*

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		the sedimentary sequence and often occur immediately above and below the mineralised sediments. Uranium is precipitated under reducing conditions caused by a variety of reducing agents within the permeable sediments including carbonaceous material (detrital plant debris, amorphous humate, marine algae), sulphides (pyrite, H2S), and hydrocarbons. • *Anomalous uranium within the Murray Basin occurs in carbonaceous clay and lignite of the Winnambool Formation and Geera Clay (Murray Group) of the Murray Basin, however the Renmark Group sediments have never been effectively targeted for uranium in the South Australian portion of the Murray Basin and therefore represent a highly promising new frontier for uranium exploration.*
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.* *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*	• *The material information for drill holes relating to this report are contained within Appendix 1.*

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	case.	
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• *No data aggregation methods were used in reporting of this release.*
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• *All down hole lengths of geological intervals are interpreted to be true widths as the geology in the region is relatively flat lying and the holes are vertical.* • *No mineralization/assays have been reported downhole.*
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts*	• *Diagrams are included in the body of this release.*

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	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.	
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.*	• *This release contains all drilling results that are consistent with the JORC guidelines. Where data may have been excluded, it is considered not material.*
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.*	• *All known relevant exploration data has been reported in this release.*
Further work	*The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* *Diagrams clearly highlighting the areas of possible extensions, including the main*	• *Additional work will consist of (but not limited to) reviewing/reprocessing historical geophysical and geological data, spectral surveys for pathfinder elements related to U mineralization and review of available drill cores at the state core library.* • *Field work will be contingent on successful granting of the Overland ELA's. Once granted, field work will consist of (but not*

	geological interpretations and future drilling areas, provided this information is not commercially sensitive.	*limited to) drilling, targeting the Renmark group sediments for Uranium mineralization.*

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Appendix 1 - Historic Drill Hole Details

Historical Drill Hole Details- SARIG (South Australian Resources Information Gateway https://map.sarig.sa.gov.au/)

SARIG DH ID	Drill Hole ID	Easting GDA_94	Northing GDA_94	MGA zone	ELEVATION	DIP	EOH	Drill method	Operator	Date Completed	Target	SARIG Open File Envelope No.	Reference Notes
87124	81MBR 37	405519	6313241	54	102	-90	207.8	Rotary - Mud	CRA Exploration Pty Ltd.	23-Jun-81	Base Metals; Coal	ENV03957	pp 100-103
87055	81MBR 38	366132	6285289	54	120	-90	164.1	Rotary - Mud	CRA Exploration Pty Ltd.	26-Jun-81	Base Metals; Coal	ENV03957	pp 175-179
77437	81MBR 39	356867	6274079	54	123	-90	134	Rotary - Mud	CRA Exploration Pty Ltd.	29-Jun-81	Base Metals; Coal	ENV03957	pp 181-184
77438	81MBR 40	353534	6283213	54	139	-90	169.5	Rotary - Mud	CRA Exploration Pty Ltd.	30-Jun-81	Base Metals; Coal	ENV03957	pp 185-188
77442	81MBR 46	359099	6252411	54	101	-90	100.5	Rotary - Mud	CRA Exploration Pty Ltd.	4-Jul-81	Base Metals; Coal	ENV03957	pp 210-212
103867	81MBR 55	411305	6265148	54	66	-90	183.5	Rotary - Mud	CRA Exploration Pty Ltd.	15-Jul-81	Base Metals; Coal	ENV03957	pp 110-113
87069	82FN13RM 1	366827	6276629	54	100	-90	106.9	Diamond Bit - Coring	CRA Exploration Pty Ltd.	19-Nov-82	Base Metals; Diamond	ENV03957	pp 998-1000
86788	BUNGUNNIA BORE	390857	6253479	54	40	-90	388.62	Unknown	South Australia. Department of Mines and Energy.	1-Jan-59	Water	OTH	Bore General File
316269	DEL09AC090	411938	6321744	54	140	-90	199	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	9/04/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2012
316270	DEL09AC097	396992	6290174	54	103	-90	204	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	22/04/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2013
316271	DEL09AC098	395036	6290389	54	104	-90	163	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	23/04/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2014
252752	DEL09AC099	396030	6290280	54	100	-90	186	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	25/04/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2015
316453	DEL09AC100	396491	6290230	54	83	-90	178	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	25/04/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2016
316273	DEL09AC101	393000	6290605	54	103	-90	216	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	27/04/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2017
252753	DEL09AC102	391954	6290732	54	105	-90	172	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	29/04/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2018
316274	DEL09AC103	390979	6290842	54	97	-90	190	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	1/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2019
316275	DEL09AC104	389995	6290958	54	95	-90	194	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	2/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2020
316276	DEL09AC105	396010	6295142	54	94	-90	204	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	6/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2021
316277	DEL09AC106	394988	6295175	54	100	-90	170	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	6/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2022
316278	DEL09AC107	394056	6295211	54	95	-90	174	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	6/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2023
316279	DEL09AC108	392994	6295228	54	93	-90	186	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	7/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2024
252754	DEL09AC109	392005	6295265	54	96	-90	204	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	10/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2025
316280	DEL09AC110	388984	6287987	54	84	-90	222	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	11/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2026
316281	DEL09AC111	394013	6285160	54	71	-90	180	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	12/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2027
316282	DEL09AC112	392966	6285544	54	84	-90	210	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	14/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2028
316283	DEL09AC113	392145	6285856	54	85	-90	210	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	16/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2029
316284	DEL09AC114	391022	6286635	54	83	-90	210	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	17/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2030
316285	DEL09AC115	390004	6287490	54	83	-90	210	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	18/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2031
252755	DEL09AC119	390894	6269968	54	61	-90	198	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	27/05/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2032
316287	DEL09AC128	394000	6290495	54	101	-90	240	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	17/06/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2033
316288	DEL09AC130	369824	6239630	54	68	-90	240	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	18/06/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2034
316289	DEL09AC132	368030	6240119	54	77	-90	208	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	21/06/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2035
316290	DEL09AC134	365999	6240072	54	79	-90	240	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	23/06/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2036
316292	DEL09AC137	372943	6245697	54	52	-90	218	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	28/06/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2037
316293	DEL09AC138	372829	6248698	54	67	-90	228	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	1/07/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2038
316294	DEL09AC139	372800	6250702	54	70	-90	220	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	2/07/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2039
316295	DEL09AC140	372810	6253150	54	67	-90	220	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	14/07/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2040
316314	DEL09AC161	372829	6252137	54	67	-90	240	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	25/08/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2041
316315	DEL09AC162	388823	6284587	54	82	-90	216	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	26/08/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2042
316316	DEL09AC163	388139	6285377	54	81	-90	240	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	27/08/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2043
316317	DEL09AC164	387258	6285949	54	85	-90	228	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	28/08/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2044
316318	DEL09AC165	386512	6286354	54	88	-90	240	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	30/08/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2045
316319	DEL09AC166	389333	6287846	54	81	-90	228	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	31/08/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2046
316320	DEL09AC167	388505	6288076	54	82	-90	192	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	1/09/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2047
316321	DEL09AC168	397540	6290112	54	81	-90	200	Air core	GOLD FIELDS AUSTRALASIA PTY LTD	2/09/2009	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2048
316209	DEL10AC169	379894	6290325	54	107	-90	154	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	16-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2012
316210	DEL10AC170	379571	6290477	54	107	-90	127	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	18-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2013
316211	DEL10AC171	381788	6293072	54	107	-90	148	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	18-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2014
316212	DEL10AC172	381412	6293217	54	107	-90	148	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	19-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2015
316213	DEL10AC173	381046	6293359	54	107	-90	91	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	20-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2016
316214	DEL10AC174	380629	6293481	54	107	-90	109	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	20-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2017
316215	DEL10AC175	380289	6293619	54	107	-90	108	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	22-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2018
316216	DEL10AC176	379901	6293739	54	108	-90	108	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	23-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2019
316217	DEL10AC177	379528	6293856	54	108	-90	78	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	23-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2020
316218	DEL10AC178	380671	6295783	54	110	-90	80	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	24-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2021
316219	DEL10AC179	380276	6296010	54	110	-90	102	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	24-Aug-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2022
316178	DEL10AC194	370730	6297093	54	127	-90	78	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	11-Sep-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2023
316179	DEL10AC195	371441	6296724	54	123	-90	58	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	12-Sep-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2024
316181	DEL10AC197	373095	6295946	54	113	-90	80	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	12-Sep-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2025
316182	DEL10AC198	373501	6295965	54	113	-90	93	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	13-Sep-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2026
316203	DEL10AC223	369018	6297724	54	117	-90	66	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	30-Sep-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2027
316205	DEL10AC225	368259	6298000	54	122	-90	104	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	30-Sep-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2028
316207	DEL10AC227	369386	6297585	54	122	-90	42	Aircore (see also RCA)	Gold Fields Australasia Pty Ltd	1-Oct-10	Gold	ENV11448	Joint annual reports for the period 29/8/2006 to 28/8/2029
151474	FLORC 4	364673	6269930	54	104	-90	140	Reverse Circulation - Air	Western Mining Corporation. Exploration Division.	25-Sep-86	Gold; Base Metals	ENV06460	pp 40-42

86779	KOOMOOLOO 1	380672	6287211	54	86	-90	159	Unknown	South Australia. Department of Mines and Energy.	1-Jan-25	Water	RB72/00131	Appendix.
77385	M111	354567	6240168	54	120	-90	168	Rotary - Air	South Australia. Department of Mines and Energy.	13-May-83	-	RB88/00056	dwg 86-598
86846	M80	362251	6292297	54	129	-90	108	Rotary - Air	South Australia. Department of Mines and Energy.	7-Nov-81	-	RB82/00098	dwg 82-483
87058	M95	363981	6240224	54	82.3	-90	166	Rotary - Mud	South Australia. Department of Mines and Energy.	11-Dec-81	-	RB83/00016	dwg 83-17
87061	M98	372818	6251295	54	60	-90	224	Rotary - Mud	South Australia. Department of Mines and Energy.	13-Feb-82	-	RB83/00016	dwg 83-20
87062	M99	362124	6250612	54	82	-90	144	Rotary - Air	South Australia. Department of Mines and Energy.	3-Jun-83	-	RB88/00056	dwg 86-595
137201	MUR 10	388248	6310876	54	118	-90	98.5	Reverse Circulation	South Australia. Department of Mines and Energy.	12-Dec-92	Gold; Base Metals	RB93/00026	Appendix A
151543	P 26	395623	6321180	54	120	-90	161.5	Rotary	Mines Administration Pty Ltd.	17-May-71	Uranium	ENV01403	Page 29
185023	PADD 22	356703	6242170	54	117	-90	198.4	Diamond Bit - Coring	Normandy Gold Exploration Pty Ltd.	30-Nov-99	Gold; Copper	ENV09739	Report P/E 24/11/2000, Appendix 3, also Dwg, Plan 2
185024	PADD 23	356113	6248139	54	106	-90	183.4	Diamond Bit - Coring	Normandy Gold Exploration Pty Ltd.	30-Nov-00	Gold; Copper	ENV09739	Report P/E 24/11/2000, Appendix 3, also Dwg, Plan 3
185025	PADD 34	356472	6296502	54	149	-90	217	Aircore (see also RCA)	Normandy Gold Exploration Pty Ltd.	9-Jun-00	Gold; Copper	ENV09739	Report P/E 24/11/2000, Appendix 3, also Dwg, Plan 4
185026	PADD 35	359643	6255713	54	98	-90	186	Diamond Bit - Coring	Normandy Gold Exploration Pty Ltd.	14-Jun-00	Gold; Copper	ENV09739	Report P/E 24/11/2000, Appendix 3, also Dwg, Plan 5
151520	PV 4	379923	6293380	54	103	-90	74.7	Rotary	Minad-Teton Australia.	19-May-71	Uranium	ENV01696	Page 14
87073	TG 11	366391	6266636	54	60	-90	122	Rotary	Dampier Mining Co Ltd.	3-Jun-78	Base Metals; Coal	ENV03208	pp 78-81, dwg 3208(1)-19
87074	TG 12	367584	6265029	54	60	-90	99	Rotary	Dampier Mining Co Ltd.	3-Jun-78	Base Metals; Coal	ENV03208	pp 82-85, dwg 3208(1)-19

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