Outstanding infill drill results at Brolga

Highlights

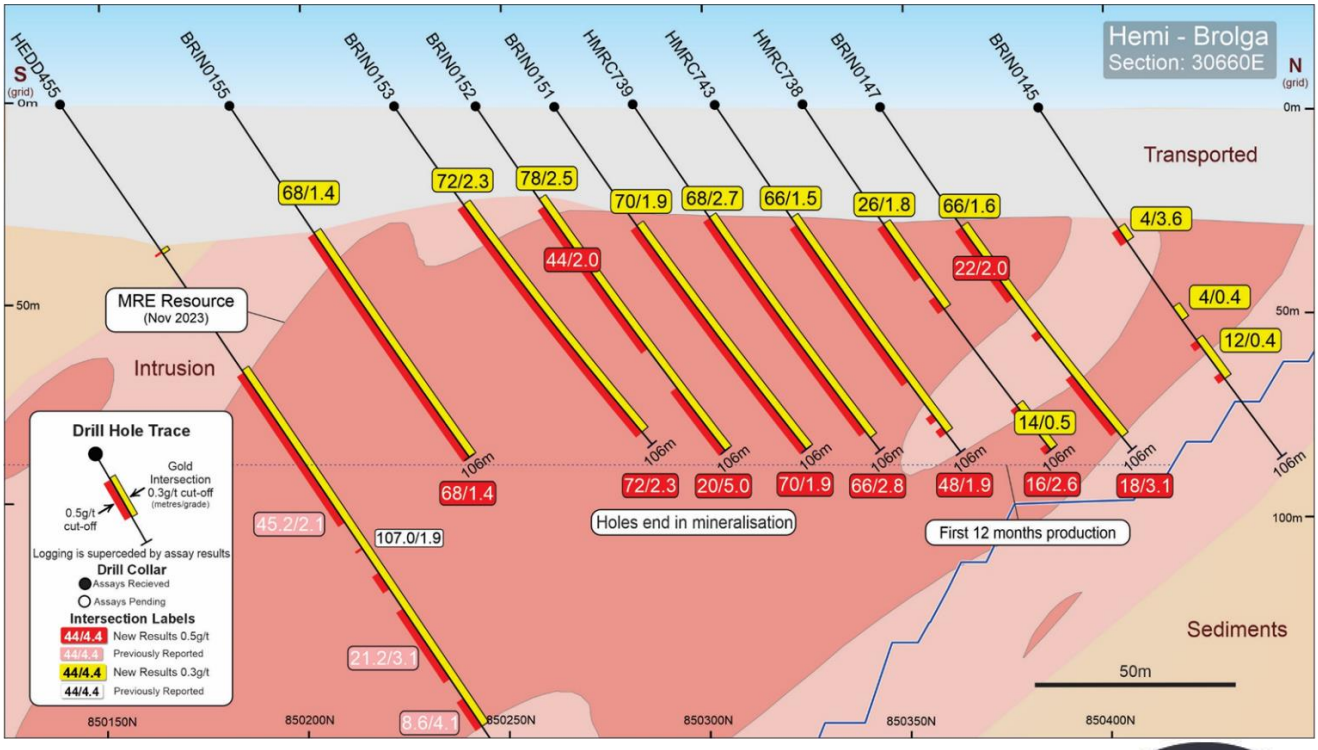
- Infill grade control drilling at the Brolga deposit at Hemi has been conducted to allow detailed ore production, stockpiling and plant feed scheduling for the critical commissioning and ramp-up phase at Hemi.

- The infill grade control drilling has reduced drill spacing from 40m lines and 40m collars to 20m lines with 40 metre collars. Approximately 60% of assays have been returned with results to be included in the update to the Hemi Mineral Resource Estimate (**MRE**) next month. It is expected that the upcoming Hemi MRE update will convert the Mineral Resource covering the first year of ore production at Brolga from a JORC Indicated to JORC Measured Resource classification.

- Drilling covers the first 12 months of ore production at Hemi and has returned strong results supporting the Hemi Definitive Feasibility Study (**DFS**) mine plan and the rapid capital payback from the Brolga Stage 1 pit. Year 1 of ore production at Brolga comprises 9.9Mt @ 1.65g/t Au for 525koz[1] of contained gold.

- Figure 1 shows new RC infill grade control drill holes (denoted as BRIN) with 20m collar spacing on Section 30660E. Drilling was stopped at a depth comparable to the end of the first year of ore production at Brolga with holes ending in mineralisation.

Figure 1 Brolga Cross Section 30660E



- Drilling has confirmed the consistency of mineralisation at the Mineral Resource cut-off grade of 0.3g/t Au and at the Hemi DFS Mineral Reserve cut-off grade of approximately 0.5g/t Au estimated during the DFS using a gold price of A$2,700/oz.

- The Brolga Stage 1 pit contains a Probable Ore Reserve of 26.9Mt @ 1.64g/t for 1.42Moz of contained gold at a strip ratio of 2.4:1.

- The operating cost, including pre-strip, of the Brolga Stage 1 pit was estimated in the DFS to be approximately A$965/oz. This delivers free cashflow of approximately A$2,200M at the DFS gold price of A$2,700/oz and pays back the capital cost of the Project in under two years.

- At the current spot gold price of approximately A$4,140/oz the payback period reduces to 12 months.

- The infill grade control drilling program forms part of the Hemi Operational Readiness program towards the refinement of the Project's detailed commissioning and ramp-up schedule. The increased understanding of the orebody regolith profiles, metallurgical characteristics and domain variability during this period will also be utilised for detailed mine run-of-mine (ROM) stockpile design and operation.

- RC drilling will now move to Scooby, approximately 2km to the east of Hemi, and Regional targets. Diamond drilling is currently underway beneath Eagle to support the Hemi Underground Conceptual Study. Aircore drilling is currently occurring at early-stage exploration targets near Withnell and north of the Mt Berghaus deposit.

De Grey General Manager Exploration, Phil Tornatora, commented:

"It is great to see these solid intercepts returned from the infill grade control drilling at Brolga. While not surprising considering the results of previous drilling, it confirms the quality of the Brolga orebody. Many of these holes intersect wide, continuous zones of mineralisation directly beneath the transported cover, where ore production will commence. This drilling continues our strategy of building operational readiness across the business as we await final environmental approvals and a final investment decision for Hemi."

[1] Details on the Brolga pit are included in the Hemi Resource and taken from the DFS dated 28 September 2023. Refer to the DFS dated 28 September 2023 for further details on the key assumptions and risks. The Hemi mine plan contains approximately 1% Inferred Mineral Resources. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised. Hemi is not currently in production.

De Grey Mining Limited (ASX: DEG, **De Grey** or the **Company**) is pleased to report these latest infill grade control drilling results from the Brolga deposit at the Hemi Gold Project (**Hemi** or the **Project**). The drilling was conducted as part of an Operational Readiness program at Hemi. The drilling was not required for Project financing. However, the results are expected to provide continued confidence to debt providers as to the quality and consistency of the mineralisation of Brolga deposit and Hemi more broadly.

Mining and processing at Hemi are scheduled to commence with the Brolga Stage 1 (starter) pit. This infill grade control drilling covers the first 12 months of ore production from Brolga.

Ore production from Brolga is a key factor in the payback period of the Project of less than two years as outlined in the Hemi DFS. The Brolga Stage 1 pit contains a Probable Reserve of 26.9Mtz @ 1.64g/t Au for 1.42Moz of contained gold and has a strip ratio of 2.4:1 (waste:ore), including the pre-stripping of unmineralised transported sediments.

Current drilling within the Brolga deposit is spaced at 40m x 40m. The infill program comprised nine diamond and 130 RC holes corresponding to the first year of ore production at Brolga. This increased the drill hole density to 20m spaced lines and 40m spaced collars. A smaller zone (100m x 120m in area) at Brolga has been drilled to a closer spacing of 20m x 20m (Figure 2) for geostatistical purposes. Assay results for the diamond holes and approximately 60% of the RC holes have been received and are reported in this release.

The first 12 months of ore production from Brolga will progress through the full regolith profile. The increased understanding of the orebody regolith profiles, metallurgical characteristics and domain variability during this period will also be utilised for detailed mine run-of-mine (ROM) stockpile design and operation.

Drill results are provided in Table 1 at a 0.5g/t Au lower cut-off grade and in Table 2 at a 0.3g/t Au lower cut-off grade. These intervals are also displayed on selected cross sections. All RC holes were designed to a set depth of 106m and many of the reported intersections end in mineralisation.

Figure 2 shows completed infill drill collars. Intervals at 0.3g/t Au and 0.5g/t Au lower cut-off grades are presented in sections 30660E (Figure 1), 30680E (Figure 3) and section 30700E (Figure 4) . Figures 5 and 6 respectively show resource blocks from the November 2023 MRE of the planned pit floor immediately beneath the transported cover and after 12 months of ore mining respectively.

Figure 2 Plan of Brolga

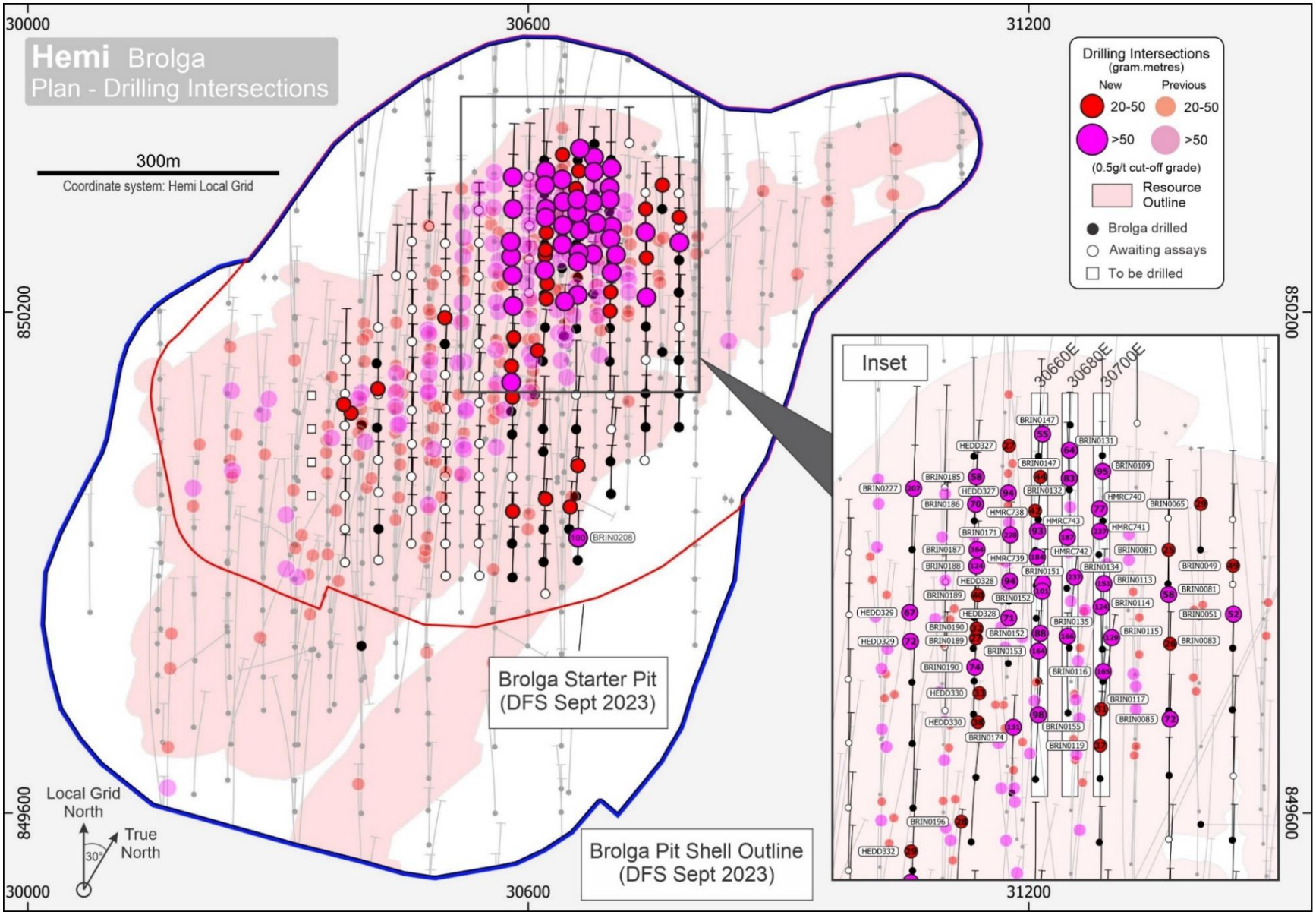


Figure 3 Brolga Section 30680E

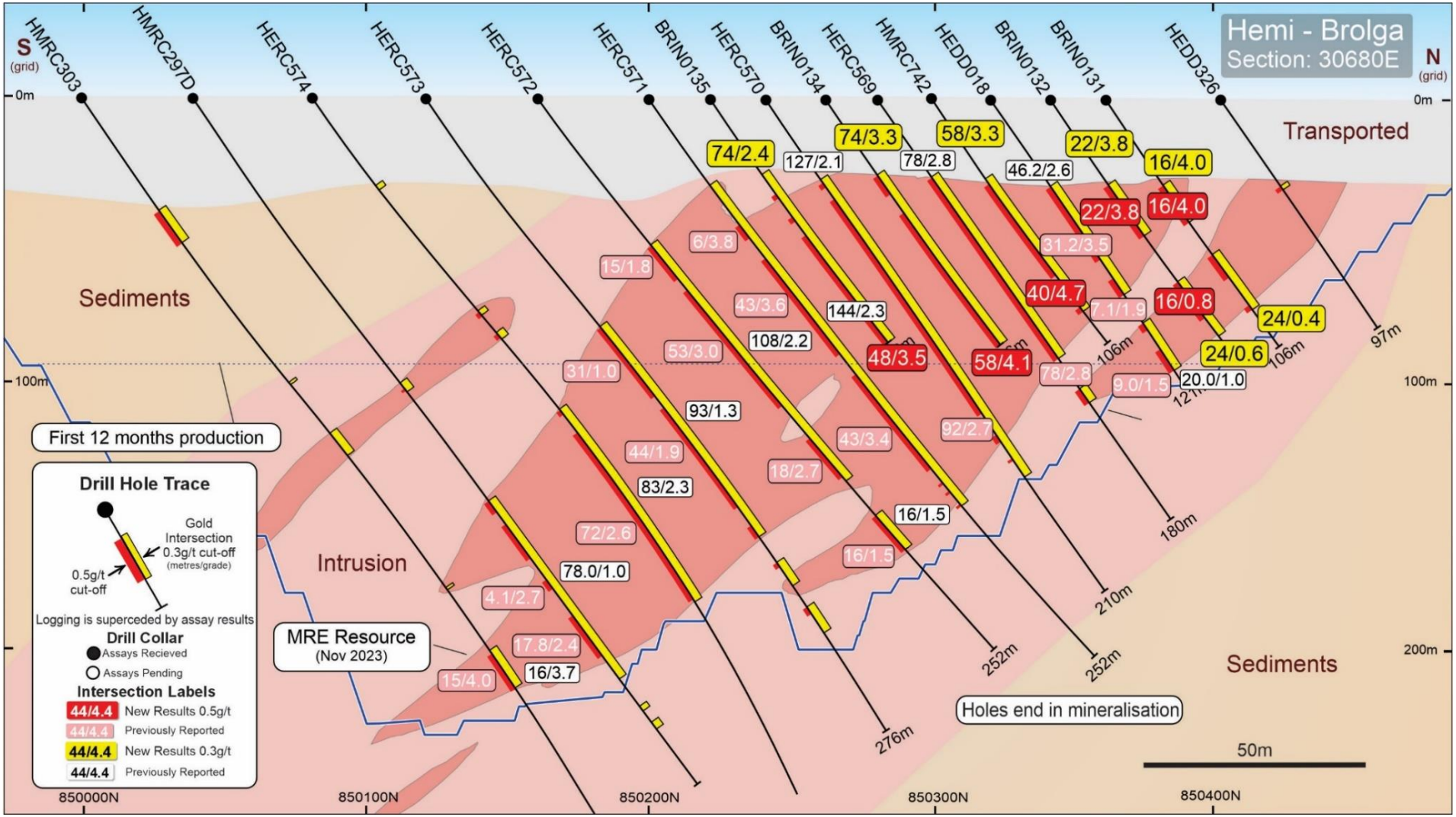


Figure 4 Brolga Section 30700E

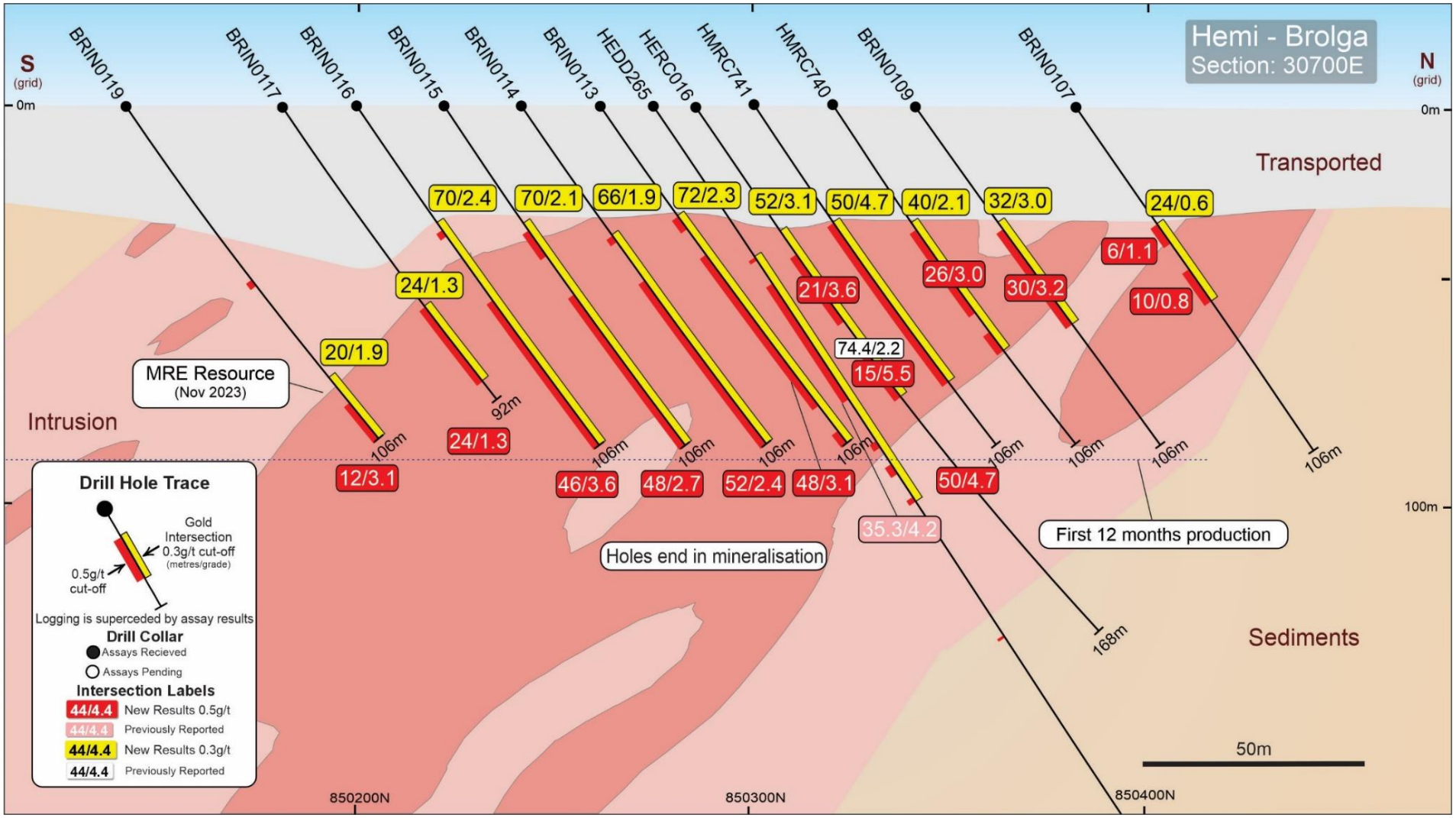


Figure 5 **Brolga Isometric view showing ore blocks on the pit floor beneath the transported cover**

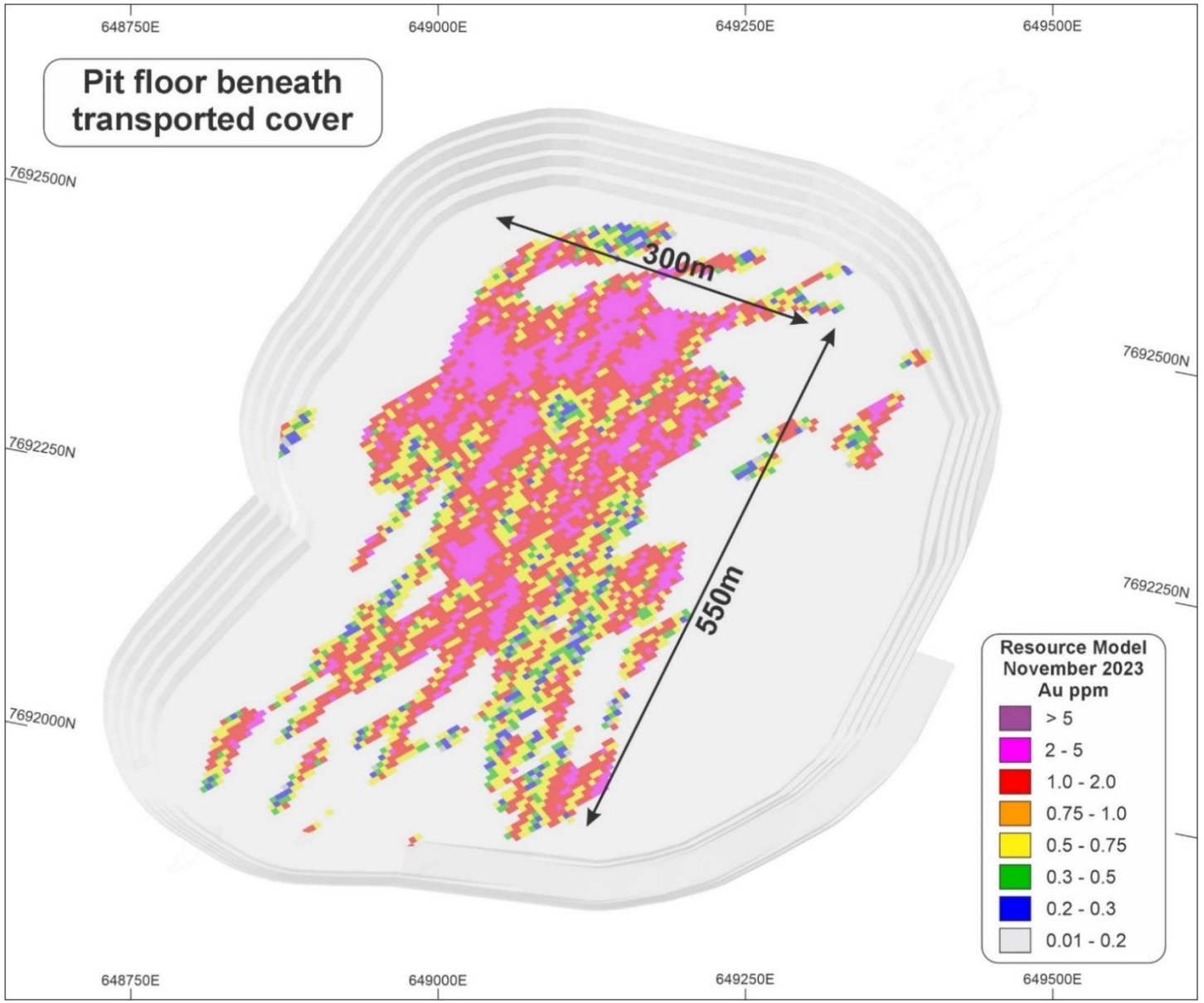
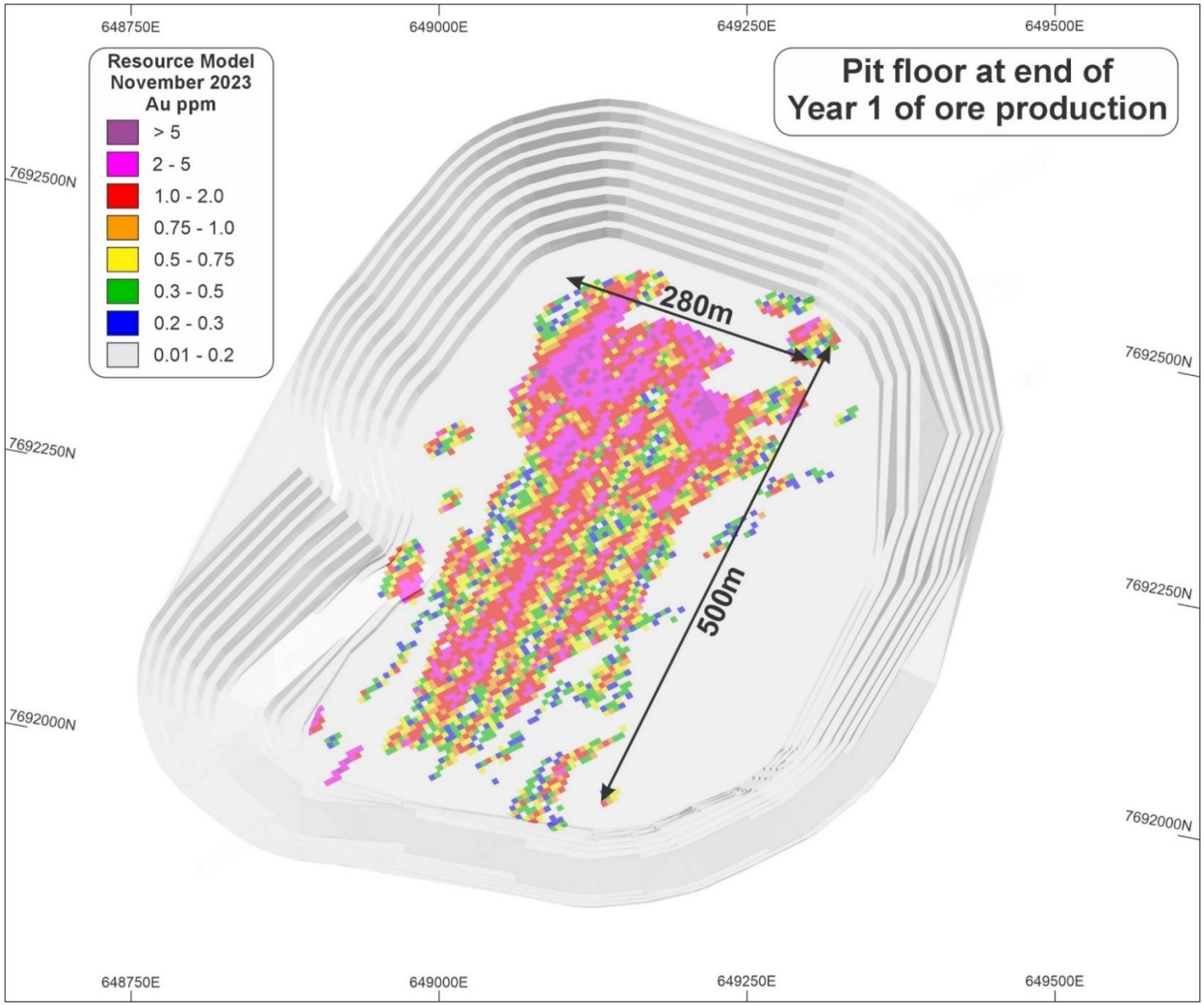


Figure 6 Brolga Isometric view showing ore blocks on the pit floor after 12 months of ore mining



Selected significant intercepts received from the recent drilling and reported at a 0.5g/t Au cut-off grade including higher grade intervals reported at a 3.0g/t Au lower cut-off grade (refer Table 1) include:

Section 30580E

- 56m @ 3.7g/t Au from 36m in BRIN0227 (incl 20m @ 7.4g/t Au from 38m)
- 70m @ 2.7g/t Au from 36m in BRIN0229
- 68m @ 1.7g/t Au from 38m in BRIN0233

Section 30620E

- 62m @ 2.6g/t Au from 44m in BRIN0187
- 28m @ 4.4g/t Au from 78m in BRIN0188

Section 30640E

- 68m @ 3.2g/t Au from 38m in BRIN0171 (incl 22m @ 5.9g/t Au from 44m)
- 68m @ 1.9g/t Au from 38m in BRIN0174

Section 30660E

- 70m @ 1.9g/t Au from 36m in BRIN0151
- 20m @ 5.0g/t Au from 86m in BRIN0152
- 72m @ 2.3g/t Au from 30m in BRIN0153
- 6m @ 16.7g/t Au from 46m in BRIN0208
- 66m @ 2.8g/t Au from 34m in HMRC739 (incl 26m @ 4.2g/t Au from 44m)

Section 30680E

- 58m @ 4.1g/t Au from 48m in BRIN0134 (incl 34m @ 5.8g/t Au from 54m)
- 48m @ 3.5g/t Au from 58m in BRIN0135
- 40m @ 4.7g/t Au from 36m in HMRC742

Section 30700E

- 48m @ 3.1g/t Au from 46m in BRIN0113
- 52m @ 2.4g/t Au from 54m in BRIN0114
- 48m @ 2.7g/t Au from 58m in BRIN0115
- 46m @ 3.6g/t Au from 60m in BRIN0116
- 50m @ 4.7g/t Au from 36m in HMRC741 (incl 12m @ 10.4g/t Au from 38m)

This announcement has been authorised for release by the De Grey Board.

For further information, please contact:

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COMPETENT PERSON STATEMENTS

Exploration Results

The information in this report that relates to Exploration Results is based on, and fairly represents information and supporting documentation prepared by Mr Philip Tornatora, a Competent Person who is a Member of The Australian Institute of Geoscientists. Mr Tornatora is an employee of De Grey Mining Limited. Mr Tornatora has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resource and Ore Reserves". Mr Tornatora consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Ore Reserves – Hemi (includes Brolga)

The information in this report that relates to Ore Reserves at the Hemi Gold Project is based on and fairly represents information and supporting documentation compiled by Mr Quinton de Klerk, a Competent Person who is an Associate Consultant with Cube Consulting Pty Ltd, a company engaged by De Grey. Mr de Klerk is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr de Klerk has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which being 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 (2012 JORC Code). Mr de Klerk consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Mineral Resources - Hemi (incudes Brolga) and Toweranna

The Information in this report that relates to Hemi Mining Centre and Toweranna Mineral Resources is based on information compiled by Mr Michael Job, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Job is a full-time employee of Cube Consulting. Mr Job has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being 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 Job consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

PRODUCTION TARGETS

This report contains De Grey production targets and forecast financial information derived from those. The information in this report that relates to the DFS and its outcomes for the Hemi Project is extracted from the ASX announcement "Hemi Gold Project Definitive Feasibility Study" dated 28 September 2023. The total life of mine production of the Project schedule is underpinned by 99% Probable Ore Reserves, with the remaining 1% being classified as Inferred Mineral Resources. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised. The stated production target is based on the Company's current expectations of future results or events and should not be solely relied upon by investors when making investment decisions. Further evaluation work and appropriate studies are required to establish sufficient confidence that this target will be met. De Grey confirms that the financial viability of the Project is not dependent on the inclusion of Inferred Mineral Resources in the production schedule.

De Grey confirms that it is not aware of any new information or data that materially affects the information included in that announcement. All material assumptions and technical parameters underpinning the estimates or production targets or forecast financial information derived from a production target (as applicable) in that ASX announcement continue to apply and have not materially changed. De Grey confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from that announcement.

FORWARD LOOKING STATEMENTS

This report contains forward-looking statements. Forward-looking statements include those containing words such as "anticipate", "estimates", "forecasts", "indicative", "should", "will", "would", "expects", "plans" or similar expressions. Indications of, and guidance or outlook on, future earnings or financial position or performance, including forecast financial information derived from the production target and the DFS, are also forward-looking statements. You are cautioned not to place undue reliance on forward-looking statements. Forward-looking statements are provided as a general guide only.

Such forward-looking statements are based on information available as at the date of this report and are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, are preliminary views and are based on assumptions and contingencies subject to change without notice, and which could cause actual results or trends, projections, guidance and estimates to differ materially from those expressed in this report.

Relevant factors include risks associated with exploring for gold, project development and construction and the mining, processing and sale of gold, including without limitation, the ability to obtain debt finance on expected terms, obtaining environmental and regulatory approvals and the time and conditions attached to the same, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licenses and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future operate, environmental conditions including extreme weather conditions, geological and geotechnical events, and environmental issues, recruitment and retention of personnel, industrial relations issues and litigation.

Readers of this report are cautioned not to place undue reliance on forward-looking statements included in it.

Forward looking statements in this report only apply at the date of issue. Subject to any continuing obligations under applicable law or any relevant securities exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward-looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

Financial figures are in Australian dollars unless otherwise noted.

Table 1: Significant new results - Intercepts - 0.5g/t Au lower cut, 4m maximum internal waste, (>2 gram x m Au)

HoleID	Zone	Depth From (m)	Depth To (m)	Downhole Width (m)	Au (g/t)	Collar East (GDA94)	Collar North (GDA94)	Collar RL (GDA94)	Dip (degrees)	Azimuth (GDA94)	Hole Depth (m)	Hole Type
BRIN0049	Brolga	46.0	48.0	2.0	2.5	649345	7692449	69	-56	331	106	RC
BRIN0049	Brolga	62.0	70.0	8.0	1.6	649345	7692449	69	-56	331	106	RC
BRIN0049	Brolga	78.0	98.0	20.0	2.4	649345	7692449	69	-56	331	106	RC
BRIN0051	Brolga	100.0	106.0	6.0	8.7	649364	7692416	69	-57	331	106	RC
BRIN0055	Brolga	84.0	88.0	4.0	0.8	649405	7692345	69	-55	331	106	RC
BRIN0057	Brolga	44.0	58.0	14.0	1.2	649425	7692311	69	-56	331	106	RC
BRIN0059	Brolga	76.0	80.0	4.0	0.7	649445	7692276	69	-56	330	106	RC
BRIN0065	Brolga	46.0	52.0	6.0	4.8	649297	7692492	68	-56	330	106	RC
BRIN0065	Brolga	92.0	94.0	2.0	1.1	649297	7692492	68	-56	330	106	RC
BRIN0079	Brolga	46.0	60.0	14.0	0.6	649290	7692464	68	-56	331	106	RC
BRIN0079	Brolga	104.0	106.0	2.0	1.1	649290	7692464	68	-56	331	106	RC
BRIN0081	Brolga	40.0	44.0	4.0	1.6	649310	7692430	69	-56	331	106	RC
BRIN0081	Brolga	50.0	62.0	12.0	4.8	649310	7692430	69	-56	331	106	RC
BRIN0081	Brolga	96.0	106.0	10.0	2.5	649310	7692430	69	-56	331	106	RC
BRIN0083	Brolga	42.0	44.0	2.0	3.3	649330	7692395	69	-56	331	106	RC
BRIN0083	Brolga	70.0	76.0	6.0	4.4	649330	7692395	69	-56	331	106	RC
BRIN0083	Brolga	88.0	92.0	4.0	1.4	649330	7692395	69	-56	331	106	RC
BRIN0083	Brolga	100.0	106.0	6.0	2.5	649330	7692395	69	-56	331	106	RC
BRIN0085	Brolga	46.0	76.0	30.0	2.4	649350	7692361	69	-56	331	106	RC
incl	Brolga	48.0	60.0	12.0	5.0	649350	7692361	69	-56	331	106	RC
BRIN0089	Brolga	48.0	50.0	2.0	2.5	649390	7692291	69	-57	331	106	RC
BRIN0089	Brolga	76.0	92.0	16.0	0.8	649390	7692291	69	-57	331	106	RC
BRIN0089	Brolga	98.0	106.0	8.0	0.7	649390	7692291	69	-57	331	106	RC
BRIN0091	Brolga	44.0	52.0	8.0	0.5	649410	7692256	69	-57	331	106	RC
BRIN0091	Brolga	58.0	62.0	4.0	0.9	649410	7692256	69	-57	331	106	RC
BRIN0091	Brolga	68.0	72.0	4.0	1.3	649410	7692256	69	-57	331	106	RC
BRIN0107	Brolga	36.0	42.0	6.0	1.1	649214	7692513	68	-55	330	106	RC
BRIN0107	Brolga	50.0	60.0	10.0	0.8	649214	7692513	68	-55	330	106	RC
BRIN0109	Brolga	38.0	68.0	30.0	3.2	649235	7692478	68	-55	330	106	RC
incl	Brolga	42.0	52.0	10.0	7.4	649235	7692478	68	-55	330	106	RC
BRIN0113	Brolga	34.0	38.0	4.0	1.7	649275	7692408	69	-55	331	106	RC
BRIN0113	Brolga	46.0	94.0	48.0	3.1	649275	7692408	69	-55	331	106	RC
incl	Brolga	66.0	84.0	18.0	4.7	649275	7692408	69	-55	331	106	RC
incl	Brolga	88.0	94.0	6.0	4.9	649275	7692408	69	-55	331	106	RC
BRIN0113	Brolga	102.0	106.0	4.0	1.5	649275	7692408	69	-55	331	106	RC
BRIN0114	Brolga	54.0	106.0	52.0	2.4	649285	7692391	69	-56	328	106	RC
BRIN0115	Brolga	38.0	46.0	8.0	1.9	649295	7692374	69	-56	335	106	RC
BRIN0115	Brolga	58.0	106.0	48.0	2.7	649295	7692374	69	-56	335	106	RC
incl	Brolga	64.0	68.0	4.0	6.0	649295	7692374	69	-56	335	106	RC
incl	Brolga	96.0	106.0	10.0	5.7	649295	7692374	69	-56	335	106	RC
BRIN0116	Brolga	60.0	106.0	46.0	3.6	649304	7692353	69	-56	332	106	RC
incl	Brolga	92.0	106.0	14.0	6.2	649304	7692353	69	-56	332	106	RC

HoleID	Zone	Depth From (m)	Depth To (m)	Downhole Width (m)	Au (g/t)	Collar East (GDA94)	Collar North (GDA94)	Collar RL (GDA94)	Dip (degrees)	Azimuth (GDA94)	Hole Depth (m)	Hole Type
BRIN0117	Brolga	62.0	86.0	24.0	1.3	649314	7692337	68	-56	330	92	RC
BRIN0119	Brolga	94.0	106.0	12.0	3.1	649333	7692303	68	-56	331	106	RC
BRIN0125	Brolga	48.0	50.0	2.0	1.1	649394	7692199	69	-56	337	106	RC
BRIN0125	Brolga	56.0	68.0	12.0	0.9	649394	7692199	69	-56	337	106	RC
BRIN0127	Brolga	62.0	66.0	4.0	1.5	649414	7692166	69	-57	330	106	RC
BRIN0131	Brolga	36.0	52.0	16.0	4.0	649207	7692484	68	-56	330	106	RC
BRIN0131	Brolga	66.0	76.0	10.0	0.7	649207	7692484	68	-56	330	106	RC
BRIN0132	Brolga	36.0	58.0	22.0	3.8	649218	7692467	68	-56	328	106	RC
incl	Brolga	52.0	58.0	6.0	9.7	649218	7692467	68	-56	328	106	RC
BRIN0132	Brolga	78.0	94.0	16.0	0.8	649218	7692467	68	-56	328	106	RC
BRIN0134	Brolga	32.0	40.0	8.0	0.8	649256	7692398	68	-56	334	106	RC
BRIN0134	Brolga	48.0	106.0	58.0	4.1	649256	7692398	68	-56	334	106	RC
incl	Brolga	54.0	88.0	34.0	5.8	649256	7692398	68	-56	334	106	RC
BRIN0135	Brolga	50.0	52.0	2.0	2.3	649276	7692363	69	-56	328	106	RC
BRIN0135	Brolga	58.0	106.0	48.0	3.5	649276	7692363	69	-56	328	106	RC
BRIN0145	Brolga	36.0	40.0	4.0	3.6	649180	7692492	68	-56	332	106	RC
BRIN0147	Brolga	36.0	58.0	22.0	2.0	649200	7692458	68	-56	332	106	RC
BRIN0147	Brolga	68.0	70.0	2.0	2.3	649200	7692458	68	-56	332	106	RC
BRIN0147	Brolga	82.0	100.0	18.0	3.1	649200	7692458	68	-56	332	106	RC
incl	Brolga	94.0	98.0	4.0	7.7	649200	7692458	68	-56	332	106	RC
BRIN0151	Brolga	36.0	106.0	70.0	1.9	649241	7692388	68	-56	332	106	RC
BRIN0152	Brolga	30.0	74.0	44.0	2.0	649250	7692371	69	-56	331	106	RC
BRIN0152	Brolga	86.0	106.0	20.0	5.0	649250	7692371	69	-56	331	106	RC
BRIN0153	Brolga	30.0	102.0	72.0	2.3	649260	7692353	69	-56	331	106	RC
BRIN0155	Brolga	38.0	106.0	68.0	1.4	649279	7692317	69	-57	332	106	RC
BRIN0160	Brolga	64.0	66.0	2.0	1.2	649339	7692212	69	-56	333	106	RC
BRIN0164	Brolga	52.0	76.0	24.0	1.5	649379	7692143	69	-56	332	100	RC
BRIN0166	Brolga	46.0	52.0	6.0	3.8	649392	7692104	69	-57	331	106	RC
BRIN0166	Brolga	58.0	68.0	10.0	0.7	649392	7692104	69	-57	331	106	RC
BRIN0166	Brolga	80.0	92.0	12.0	1.4	649392	7692104	69	-57	331	106	RC
BRIN0171	Brolga	38.0	106.0	68.0	3.2	649209	7692405	68	-56	331	106	RC
incl	Brolga	44.0	66.0	22.0	5.9	649209	7692405	68	-56	331	106	RC
BRIN0174	Brolga	38.0	106.0	68.0	1.9	649271	7692302	69	-56	330	106	RC
incl	Brolga	58.0	72.0	14.0	3.9	649271	7692302	69	-56	330	106	RC
BRIN0183	Brolga	62.0	68.0	6.0	3.0	649145	7692472	68	-56	330	106	RC
BRIN0185	Brolga	36.0	60.0	24.0	2.4	649165	7692437	68	-56	332	106	RC
BRIN0185	Brolga	90.0	92.0	2.0	2.2	649165	7692437	68	-56	332	106	RC
BRIN0186	Brolga	38.0	66.0	28.0	2.5	649175	7692420	68	-56	332	106	RC
incl	Brolga	54.0	60.0	6.0	4.0	649175	7692420	68	-56	332	106	RC
BRIN0186	Brolga	76.0	82.0	6.0	0.6	649175	7692420	68	-56	332	106	RC
BRIN0186	Brolga	92.0	100.0	8.0	2.1	649175	7692420	68	-56	332	106	RC
BRIN0187	Brolga	44.0	106.0	62.0	2.6	649196	7692385	69	-57	332	106	RC
incl	Brolga	52.0	72.0	20.0	4.0	649196	7692385	69	-57	332	106	RC

HoleID	Zone	Depth From (m)	Depth To (m)	Downhole Width (m)	Au (g/t)	Collar East (GDA94)	Collar North (GDA94)	Collar RL (GDA94)	Dip (degrees)	Azimuth (GDA94)	Hole Depth (m)	Hole Type
incl	Brolga	82.0	90.0	8.0	4.7	649196	7692385	69	-57	332	106	RC
BRIN0188	Brolga	34.0	52.0	18.0	1.0	649205	7692368	68	-57	331	106	RC
BRIN0188	Brolga	58.0	64.0	6.0	1.4	649205	7692368	68	-57	331	106	RC
BRIN0188	Brolga	78.0	106.0	28.0	4.4	649205	7692368	68	-57	331	106	RC
BRIN0189	Brolga	30.0	32.0	2.0	2.2	649215	7692351	69	-57	332	106	RC
BRIN0189	Brolga	38.0	58.0	20.0	1.4	649215	7692351	69	-57	332	106	RC
BRIN0189	Brolga	68.0	72.0	4.0	1.6	649215	7692351	69	-57	332	106	RC
BRIN0189	Brolga	82.0	106.0	24.0	1.7	649215	7692351	69	-57	332	106	RC
BRIN0190	Brolga	32.0	72.0	40.0	1.8	649225	7692333	68	-56	331	106	RC
BRIN0190	Brolga	80.0	106.0	26.0	1.2	649225	7692333	68	-56	331	106	RC
BRIN0194	Brolga	52.0	58.0	6.0	2.0	649264	7692263	69	-56	332	106	RC
BRIN0194	Brolga	66.0	70.0	4.0	0.7	649264	7692263	69	-56	332	106	RC
BRIN0194	Brolga	76.0	80.0	4.0	0.9	649264	7692263	69	-56	332	106	RC
BRIN0194	Brolga	86.0	106.0	20.0	0.8	649264	7692263	69	-56	332	106	RC
BRIN0196	Brolga	44.0	52.0	8.0	0.8	649276	7692223	69	-56	332	106	RC
BRIN0196	Brolga	82.0	104.0	22.0	1.3	649276	7692223	69	-56	332	106	RC
BRIN0198	Brolga	62.0	70.0	8.0	0.6	649305	7692193	69	-56	331	106	RC
BRIN0200	Brolga	82.0	86.0	4.0	2.1	649319	7692169	69	-57	334	106	RC
BRIN0202	Brolga	52.0	60.0	8.0	1.0	649345	7692124	69	-56	332	106	RC
BRIN0204	Brolga	48.0	80.0	32.0	0.7	649365	7692089	69	-56	333	106	RC
BRIN0204	Brolga	88.0	98.0	10.0	0.6	649365	7692089	69	-56	333	106	RC
BRIN0206	Brolga	94.0	100.0	6.0	1.4	649385	7692055	69	-56	332	106	RC
BRIN0208	Brolga	46.0	52.0	6.0	16.7	649420	7692077	69	-57	330	106	RC
incl	Brolga	46.0	50.0	4.0	23.6	649420	7692077	69	-57	330	106	RC
BRIN0225	Brolga	36.0	42.0	6.0	1.2	649122	7692437	68	-57	331	106	RC
BRIN0227	Brolga	36.0	92.0	56.0	3.7	649141	7692402	68	-56	331	106	RC
incl	Brolga	38.0	58.0	20.0	7.4	649141	7692402	68	-56	331	106	RC
BRIN0227	Brolga	100.0	102.0	2.0	1.4	649141	7692402	68	-56	331	106	RC
BRIN0229	Brolga	36.0	106.0	70.0	2.7	649162	7692367	68	-55	331	106	RC
incl	Brolga	86.0	104.0	18.0	4.6	649162	7692367	68	-55	331	106	RC
BRIN0233	Brolga	38.0	106.0	68.0	1.7	649201	7692298	69	-57	331	106	RC
BRIN0235	Brolga	48.0	104.0	56.0	1.7	649222	7692263	69	-56	331	106	RC
BRIN0237	Brolga	56.0	102.0	46.0	1.0	649241	7692229	69	-56	331	106	RC
BRIN0241	Brolga	62.0	94.0	32.0	0.9	649276	7692169	69	-56	330	106	RC
BRIN0241	Brolga	104.0	106.0	2.0	1.1	649276	7692169	69	-56	330	106	RC
BRIN0245	Brolga	46.0	50.0	4.0	2.5	649321	7692090	69	-56	330	106	RC
BRIN0247	Brolga	40.0	42.0	2.0	9.8	649341	7692055	69	-56	331	106	RC
BRIN0247	Brolga	48.0	88.0	40.0	0.8	649341	7692055	69	-56	331	106	RC
BRIN0249	Brolga	40.0	48.0	8.0	0.5	649362	7692020	69	-57	331	106	RC
BRIN0249	Brolga	58.0	68.0	10.0	0.9	649362	7692020	69	-57	331	106	RC
BRIN0249	Brolga	78.0	86.0	8.0	0.6	649362	7692020	69	-57	331	106	RC
BRIN0249	Brolga	92.0	104.0	12.0	1.1	649362	7692020	69	-57	331	106	RC
HEDD030	Brolga	103.0	104.2	1.2	7.5	649383	7692344	69	-75	61	220	DD

HoleID	Zone	Depth From (m)	Depth To (m)	Downhole Width (m)	Au (g/t)	Collar East (GDA94)	Collar North (GDA94)	Collar RL (GDA94)	Dip (degrees)	Azimuth (GDA94)	Hole Depth (m)	Hole Type
HEDD030	Brolga	160.9	166.1	5.2	0.9	649383	7692344	69	-75	61	220	DD
HEDD030	Brolga	212.9	220.0	7.1	1.2	649383	7692344	69	-75	61	220	DD
HEDD033	Brolga	226.0	226.3	0.3	9.6	649246	7691859	69	-75	143	290	DD
HEDD033	Brolga	251.0	259.8	8.8	0.8	649246	7691859	69	-75	143	290	DD
HEDD034	Brolga	40.0	48.3	8.3	1.0	649114	7692088	69	-76	289	317	DD
HEDD034	Brolga	63.6	88.6	25.0	1.2	649114	7692088	69	-76	289	317	DD
HEDD034	Brolga	92.7	107.0	14.4	0.6	649114	7692088	69	-76	289	317	DD
HEDD034	Brolga	124.0	140.4	16.4	2.7	649114	7692088	69	-76	289	317	DD
HEDD034	Brolga	162.5	176.3	13.8	0.7	649114	7692088	69	-76	289	317	DD
HEDD034	Brolga	252.7	253.8	1.1	3.3	649114	7692088	69	-76	289	317	DD
HEDD317	Brolga	50.0	56.0	6.0	0.6	649093	7692161	69	-56	331	282	DD
HEDD317	Brolga	63.0	67.0	4.0	1.7	649093	7692161	69	-56	331	282	DD
HEDD317	Brolga	73.0	76.4	3.4	1.3	649093	7692161	69	-56	331	282	DD
HEDD317	Brolga	96.9	107.7	10.9	1.1	649093	7692161	69	-56	331	282	DD
HEDD317	Brolga	133.0	134.1	1.1	2.7	649093	7692161	69	-56	331	282	DD
HEDD317	Brolga	147.0	152.6	5.6	1.4	649093	7692161	69	-56	331	282	DD
HEDD317	Brolga	235.0	237.0	2.0	1.8	649093	7692161	69	-56	331	282	DD
HEDD326	Brolga	36.9	38.5	1.6	3.2	649187	7692519	68	-55	333	97	DD
HEDD327	Brolga	37.4	61.0	23.6	4.0	649188	7692439	69	-55	332	106	DD
incl	Brolga	46.0	56.0	10.0	5.7	649188	7692439	69	-55	332	106	DD
HEDD327	Brolga	97.0	106.0	9.0	3.0	649188	7692439	69	-55	332	106	DD
HEDD328	Brolga	31.0	70.0	39.0	1.8	649228	7692371	69	-56	331	106	DD
incl	Brolga	35.6	41.0	5.4	4.1	649228	7692371	69	-56	331	106	DD
HEDD328	Brolga	77.0	106.4	29.4	3.2	649228	7692371	69	-56	331	106	DD
incl	Brolga	78.5	90.0	11.5	4.8	649228	7692371	69	-56	331	106	DD
HEDD329	Brolga	35.0	56.0	21.0	3.4	649182	7692331	69	-56	328	106	DD
incl	Brolga	40.1	45.0	4.9	8.2	649182	7692331	69	-56	328	106	DD
HEDD329	Brolga	61.0	94.0	33.0	2.0	649182	7692331	69	-56	328	106	DD
HEDD329	Brolga	99.0	106.4	7.4	1.1	649182	7692331	69	-56	328	106	DD
HEDD330	Brolga	46.0	75.0	29.0	1.3	649246	7692299	69	-55	333	107	DD
HEDD330	Brolga	80.9	105.0	24.1	1.4	649246	7692299	69	-55	333	107	DD
HEDD331	Brolga	45.8	66.9	21.2	1.3	649152	7692222	69	-56	330	106	DD
HEDD331	Brolga	71.0	89.0	18.0	0.9	649152	7692222	69	-56	330	106	DD
HEDD331	Brolga	96.0	97.8	1.8	1.3	649152	7692222	69	-56	330	106	DD
HEDD332	Brolga	44.4	79.0	34.6	1.5	649261	7692192	69	-56	330	107	DD
incl	Brolga	52.5	58.0	5.5	4.0	649261	7692192	69	-56	330	107	DD
HEDD332	Brolga	85.9	106.0	20.1	1.4	649261	7692192	69	-56	330	107	DD
HEDD333	Brolga	58.8	65.4	6.6	1.4	649132	7692094	69	-56	331	106	DD
HEDD333	Brolga	70.7	93.7	23.0	1.3	649132	7692094	69	-56	331	106	DD
HEDD333	Brolga	103.0	103.9	0.9	2.6	649132	7692094	69	-56	331	106	DD
HEDD334	Brolga	35.6	39.0	3.4	0.6	649194	7691990	69	-55	330	106	DD
HEDD334	Brolga	41.0	45.3	4.3	0.5	649194	7691990	69	-55	330	106	DD
HEDD334	Brolga	52.7	54.0	1.3	2.0	649194	7691990	69	-55	330	106	DD

HoleID	Zone	Depth From (m)	Depth To (m)	Downhole Width (m)	Au (g/t)	Collar East (GDA94)	Collar North (GDA94)	Collar RL (GDA94)	Dip (degrees)	Azimuth (GDA94)	Hole Depth (m)	Hole Type
HEDD334	Brolga	68.0	70.7	2.7	1.3	649194	7691990	69	-55	330	106	DD
HEDD334	Brolga	83.2	91.1	8.0	0.7	649194	7691990	69	-55	330	106	DD
HEDD334	Brolga	97.9	102.1	4.2	0.5	649194	7691990	69	-55	330	106	DD
HMRC738	Brolga	36.0	52.0	16.0	2.6	649208	7692440	69	-57	330	106	RC
HMRC738	Brolga	58.0	62.0	4.0	1.3	649208	7692440	69	-57	330	106	RC
HMRC738	Brolga	104.0	106.0	2.0	2.8	649208	7692440	69	-57	330	106	RC
HMRC739	Brolga	34.0	100.0	66.0	2.8	649229	7692404	69	-56	330	106	RC
incl	Brolga	44.0	70.0	26.0	4.2	649229	7692404	69	-56	330	106	RC
HMRC740	Brolga	38.0	64.0	26.0	3.0	649243	7692458	69	-56	330	106	RC
incl	Brolga	56.0	64.0	8.0	7.0	649243	7692458	69	-56	330	106	RC
HMRC740	Brolga	70.0	76.0	6.0	0.5	649243	7692458	69	-56	330	106	RC
HMRC741	Brolga	36.0	86.0	50.0	4.7	649254	7692441	69	-57	329	106	RC
incl	Brolga	38.0	50.0	12.0	10.4	649254	7692441	69	-57	329	106	RC
incl	Brolga	70.0	76.0	6.0	10.6	649254	7692441	69	-57	329	106	RC
HMRC742	Brolga	36.0	76.0	40.0	4.7	649237	7692430	69	-56	330	106	RC
HMRC742	Brolga	90.0	92.0	2.0	2.1	649237	7692430	69	-56	330	106	RC
HMRC743	Brolga	36.0	84.0	48.0	1.9	649219	7692422	69	-56	331	106	RC

Table 2: Significant new results - Intercepts - 0.3g/t Au lower cut, 10m maximum internal waste, (>10 gram x m Au)

HoleID	Zone	Depth From (m)	Depth To (m)	Downhole Width (m)	Au (g/t)	Collar East (GDA94)	Collar North (GDA94)	Collar RL (GDA94)	Dip (degrees)	Azimuth (GDA94)	Hole Depth (m)	Hole Type
BRIN0049	Brolga	62	98	36	1.7	649345.02	7692449.3	68.635	-56.44	330.751	106	RC
BRIN0051	Brolga	100	106	6	8.7	649364.1	7692415.8	68.792	-56.72	330.591	106	RC
BRIN0057	Brolga	38	62	24	0.8	649424.52	7692311.1	69.006	-56.38	330.682	106	RC
BRIN0065	Brolga	46	52	6	4.8	649296.86	7692492.3	68.426	-56.15	330.101	106	RC
BRIN0079	Brolga	38	72	34	0.3	649289.95	7692463.8	68.465	-56.05	330.601	106	RC
BRIN0081	Brolga	38	64	26	2.6	649309.62	7692430.1	68.592	-56.03	330.651	106	RC
BRIN0081	Brolga	84	106	22	1.2	649309.62	7692430.1	68.592	-56.03	330.651	106	RC
BRIN0083	Brolga	68	76	8	3.4	649329.94	7692395.4	68.726	-56.24	330.511	106	RC
BRIN0083	Brolga	88	106	18	1.2	649329.94	7692395.4	68.726	-56.24	330.511	106	RC
BRIN0085	Brolga	46	106	60	1.3	649350.29	7692360.6	68.913	-56.25	330.631	106	RC
BRIN0089	Brolga	76	106	30	0.6	649390	7692291.1	69.058	-57.09	330.772	106	RC
BRIN0091	Brolga	44	72	28	0.6	649410.3	7692256.1	69.138	-56.5	330.602	106	RC
BRIN0107	Brolga	36	60	24	0.6	649214.38	7692512.6	68.262	-55.39	330.001	106	RC
BRIN0109	Brolga	36	68	32	3	649235.09	7692477.5	68.347	-54.98	329.781	106	RC
BRIN0113	Brolga	34	106	72	2.3	649274.84	7692408	68.53	-55.49	331.011	106	RC
BRIN0114	Brolga	40	106	66	1.9	649285.13	7692390.8	68.607	-55.79	327.711	106	RC
BRIN0115	Brolga	36	106	70	2.1	649295.12	7692373.9	68.622	-56.15	335.281	106	RC
BRIN0116	Brolga	36	106	70	2.4	649304.3	7692353.5	68.629	-55.73	331.571	106	RC
BRIN0117	Brolga	62	86	24	1.3	649313.97	7692337.3	68.256	-55.98	330.201	92	RC
BRIN0119	Brolga	86	106	20	1.9	649333.44	7692302.7	68.481	-55.78	330.941	106	RC

BRIN0125	Brolga	46	70	24	0.7	649394.36	7692199.4	69.119	-55.64	336.662	106	RC
BRIN0131	Brolga	36	52	16	4	649207.15	7692483.9	68.366	-56.22	329.991	106	RC
BRIN0131	Brolga	66	90	24	0.4	649207.15	7692483.9	68.366	-56.22	329.991	106	RC
BRIN0132	Brolga	36	58	22	3.8	649217.54	7692467.3	68.375	-55.98	327.511	106	RC
BRIN0132	Brolga	78	102	24	0.6	649217.54	7692467.3	68.375	-55.98	327.511	106	RC
BRIN0134	Brolga	32	106	74	3.3	649256.47	7692398.3	68.428	-56.1	333.611	106	RC
BRIN0135	Brolga	32	106	74	2.4	649276.08	7692362.7	68.59	-56.11	328.161	106	RC
BRIN0145	Brolga	36	40	4	3.6	649180.07	7692492.3	68.22	-56.34	331.611	106	RC
BRIN0147	Brolga	36	102	66	1.6	649199.66	7692458.1	68.329	-56.15	332.001	106	RC
BRIN0151	Brolga	36	106	70	1.9	649240.83	7692388.1	68.391	-55.74	331.731	106	RC
BRIN0152	Brolga	28	106	78	2.5	649250.28	7692370.9	68.517	-55.93	331.231	106	RC
BRIN0153	Brolga	30	102	72	2.3	649259.63	7692352.9	68.538	-55.82	330.541	106	RC
BRIN0155	Brolga	38	106	68	1.4	649279.21	7692316.8	68.626	-56.61	331.751	106	RC
BRIN0164	Brolga	52	86	34	1.1	649379.42	7692142.7	69.283	-56.25	332.182	100	RC
BRIN0166	Brolga	46	92	46	1	649392.12	7692104.5	69.085	-56.53	331.362	106	RC
BRIN0171	Brolga	38	106	68	3.2	649209.22	7692404.6	68.335	-56.05	330.721	106	RC
BRIN0174	Brolga	38	106	68	1.9	649270.72	7692302	68.657	-56.41	330.401	106	RC
BRIN0183	Brolga	62	68	6	3	649145.09	7692472.1	68.343	-55.57	330.101	106	RC
BRIN0185	Brolga	36	102	66	1.1	649165.43	7692437.4	68.312	-55.99	332.241	106	RC
BRIN0186	Brolga	36	100	64	1.5	649174.81	7692420.4	68.399	-55.53	331.521	106	RC
BRIN0187	Brolga	44	106	62	2.6	649195.58	7692385	68.5	-56.57	332.261	106	RC
BRIN0188	Brolga	34	106	72	2.2	649204.73	7692368.1	68.481	-56.63	331.231	106	RC
BRIN0189	Brolga	30	106	76	1.1	649215.39	7692350.7	68.524	-56.74	332.371	106	RC
BRIN0190	Brolga	32	106	74	1.4	649225.42	7692332.5	68.486	-56.31	330.741	106	RC
BRIN0194	Brolga	48	106	58	0.7	649264.01	7692262.8	68.616	-55.5	332.211	106	RC
BRIN0196	Brolga	70	106	36	0.9	649276.03	7692223.3	68.894	-56.26	332.071	106	RC
BRIN0204	Brolga	48	98	50	0.6	649365.42	7692089.1	69.168	-56.45	332.991	106	RC
BRIN0206	Brolga	72	100	28	0.5	649385.1	7692055	69.051	-56.29	331.982	106	RC
BRIN0208	Brolga	46	52	6	16.7	649419.53	7692077.3	69.056	-56.75	330.482	106	RC
BRIN0227	Brolga	36	102	66	3.2	649140.75	7692402.4	68.388	-55.92	330.561	106	RC
BRIN0229	Brolga	36	106	70	2.7	649161.79	7692367.1	68.408	-55	331.277	106	RC
BRIN0233	Brolga	38	106	68	1.7	649201.4	7692297.5	68.646	-56.51	330.661	106	RC
BRIN0235	Brolga	40	106	66	1.5	649221.91	7692262.9	68.912	-56.46	330.691	106	RC
BRIN0237	Brolga	42	102	60	0.8	649241.25	7692228.9	68.946	-56.33	330.651	106	RC
BRIN0241	Brolga	62	106	44	0.7	649276.02	7692168.5	69.046	-56.47	330.451	106	RC
BRIN0245	Brolga	40	52	12	1	649320.84	7692090.3	69.174	-55.84	330.441	106	RC
BRIN0247	Brolga	40	92	52	1.1	649341.34	7692055.1	69.251	-56.47	330.701	106	RC
BRIN0249	Brolga	40	106	66	0.6	649362.06	7692020.2	69.27	-56.55	330.571	106	RC
HEDD030	Brolga	193	220.03	27	0.5	649382.73	7692344	68.875	-74.99	61.131	220.03	DD
HEDD034	Brolga	40	176.33	136.3	0.8	649114.22	7692087.8	69.019	-76.17	289.071	316.61	DD
HEDD317	Brolga	42	134.84	92.8	0.4	649092.72	7692160.9	68.845	-55.607	330.961	281.8	DD
HEDD327	Brolga	37.37	76	38.6	2.5	649188.48	7692438.6	68.548	-55.49	331.591	106.4	DD
HEDD327	Brolga	97	106.4	9.4	2.9	649188.48	7692438.6	68.548	-55.49	331.591	106.4	DD
HEDD328	Brolga	31	106.4	75.4	2.2	649228.31	7692370.9	68.54	-56.08	330.731	106.4	DD

HEDD329	Brolga	34.96	106.4	71.4	2.1	649182.04	7692330.6	68.686	-55.96	328.341	106.4	DD
HEDD330	Brolga	36.9	105	68.1	1.1	649246.34	7692299.3	68.73	-55.09	332.711	106.5	DD
HEDD331	Brolga	44.38	104.69	60.3	0.8	649152.02	7692221.9	68.783	-55.59	330.231	106.4	DD
HEDD332	Brolga	44	106	62	1.3	649261.45	7692191.8	69.185	-55.79	329.611	106.6	DD
HEDD333	Brolga	39.68	105.72	66	0.7	649131.75	7692094.4	69.3	-55.87	331.261	106.4	DD
HEDD334	Brolga	35.6	104.73	69.1	0.4	649193.88	7691990.3	69.295	-54.84	329.771	106.4	DD
HMRC738	Brolga	36	62	26	1.8	649207.74	7692440.4	69.012	-56.8	329.581	106	RC
HMRC739	Brolga	34	102	68	2.7	649229.35	7692404	69.022	-56.25	330.131	106	RC
HMRC740	Brolga	36	76	40	2.1	649243.38	7692458	68.945	-55.91	329.771	106	RC
HMRC741	Brolga	36	86	50	4.7	649253.66	7692440.8	68.947	-56.58	329.121	106	RC
HMRC742	Brolga	34	92	58	3.3	649236.5	7692429.8	68.925	-56.48	330.151	106	RC
HMRC743	Brolga	34	100	66	1.5	649219.08	7692421.7	68.874	-56.04	331.151	106	RC

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
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. submarine nodules) may warrant disclosure of detailed information.*	• All drilling and sampling was undertaken in an industry standard manner. • Core samples were collected with a diamond rig drilling mainly NQ2 diameter core. • After logging and photographing, NQ2 drill core was cut in half, with one half sent to the laboratory for assay and the other half retained. HQ and PQ core was quartered, with one quarter sent for assay. Holes were sampled over mineralised intervals to geological boundaries on a nominal 1m basis. • Sample weights ranged from 2-4kg. • RC holes were sampled on a 1m basis with samples collected from a cone splitter mounted on the drill rig cyclone. The 1m samples typically ranged in weight from 2.5kg to 3.5kg. • Commercially prepared certified reference material ("CRM") and course blank was inserted at a minimum rate of 2%. • Field duplicates were selected on a routine basis to verify the representivity of the sampling methods. • Sample preparation is completed at an independent laboratory where samples are dried, split,

Criteria	JORC Code explanation	Commentary
		crushed and pulverized prior to analysis as described below. • Sample sizes are considered appropriate for the material sampled. • The samples are considered representative and appropriate for this type of drilling. Diamond core and RC samples are appropriate for use in the Mineral Resource estimate.
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.).*	• Diamond core diameters are - NQ2 (51mm), HQ3 (61mm), PQ (85mm). • Reverse Circulation (RC) holes were drilled with a 51/2-inch bit and face sampling hammer.
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.*	• Core recovery is measured for each drilling run by the driller and then checked by the Company geological team during the mark up and logging process. • RC and aircore samples were visually assessed for recovery. • Samples are considered representative with generally good recovery. Deeper RC and aircore holes encountered water, with some intervals having less than optimal recovery and possible contamination. • No sample bias is observed.
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.*	• The entire hole has been geologically logged and core was photographed by Company geologists, with systematic sampling undertaken based on rock type and alteration observed.

Criteria	JORC Code explanation	Commentary
	• *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* • *The total length and percentage of the relevant intersections logged.*	• RC and diamond sample results are appropriate for use in a Mineral Resource estimation.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core 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.*	• Core samples were collected with a diamond drill rig drilling NQ2, HQ3 or PQ diameter core. After logging and photographing, NQ2 drill core was cut in half, with one half sent to the laboratory for assay and the other half retained. HQ and PQ core was quartered, with one quarter sent for assay. Holes were sampled over mineralised intervals to geological boundaries on a nominal 1m basis. • RC sampling was carried out by a cone splitter on the rig cyclone and drill cuttings were sampled on a 1m basis in bedrock and 4m composite basis in cover. • Each sample was dried, split, crushed and pulverised to 85% passing 75µm. • Sample sizes are considered appropriate for the material sampled. • The samples are considered representative and appropriate for this type of drilling. • Core and RC samples are appropriate for use in a Mineral Resource estimate.

Criteria	JORC Code explanation	Commentary
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.* • *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.*	• The samples were submitted to a commercial independent laboratory in Perth, Australia. • For diamond core and RC samples Au was analysed by a 50g charge Fire assay fusion technique with an AAS finish. • At least every fifth RC and DD sample were analysed with ALS procedure MS61 which comprises a four acid digest and repots a 48 element analysis by ICPAES and ICPMS. • The techniques are considered quantitative in nature. • A comprehensive QAQC protocol including the use of CRM, field duplicates and umpire assay at a second commercial laboratory has confirmed the reliability of the assay method.
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.*	• A number of significant intersections were visually field verified by the Competent Person. • Diamond holes twinning RC have been completed. The diamond twins verify grade tenor and mineralisation thickness of RC holes. • Sample results have been merged by the company's database consultants. • Results have been uploaded into the company database, checked and verified. • No adjustments have been made to the assay data.

Criteria	JORC Code explanation	Commentary
		• Results are reported on a length weighted basis.
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.*	• Diamond and RC drill hole collar locations are located by DGPS to an accuracy of +/-10cm. • Locations are recorded in GDA94 zone 50 projection • Diagrams and location tables have been provided in numerous releases to the ASX. • Topographic control is by detailed georeferenced airphoto and Differential GPS data. • Down hole surveys were conducted for all RC and DD holes using a north seeking gyro tool with measurements at 10m down hole intervals.
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 classifications applied.* • *Whether sample compositing has been applied.*	• Drill spacing varies from 20m x 20m to 40m x 40m. • The extensive drilling programs have demonstrated that the mineralised domains have sufficient continuity in both geology and grade to be considered appropriate for the Mineral Resource and Ore Reserve estimation procedures and classification applied under the 2012 JORC Code. • Data spacing and distribution of RC and diamond drilling is sufficient to provide support for the results to be used in a Mineral Resource estimate. • Sample compositing has not been applied except in reporting of drill

Criteria	JORC Code explanation	Commentary
		intercepts, as described in this Table
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.*	• The drilling is approximately perpendicular to the strike of mineralisation. The holes are generally angled at -55° which provides good intersection angles into the mineralisation which ranges from vertical to -45° dip. • The sampling is considered representative of the mineralised zones. • Where drilling is not orthogonal to the dip of mineralised structures, true widths are less than downhole widths.
Sample security	• *The measures taken to ensure sample security.*	• Samples were collected by company personnel and delivered direct to the laboratory via a transport contractor.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• QAQC data has been both internally and externally reviewed.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

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 security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.*	• The Hemi deposit lies within granted Mining Lease M47/1628. The tenement is held 100% by Last Crusade Pty Ltd, a wholly owned subsidiary of De Grey Mining Limited. • The Hemi deposit is approximately 60km SSW of Port Hedland. • The tenements are in good standing as at the time of this report. • There are no known impediments to operating in the area.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• No detailed exploration is known to have occurred on the tenement prior to De Grey Mining. Prior to the Hemi discovery, De Grey completed programs of airborne aeromagnetics/radiometrics, surface geochemical sampling and wide spaced aircore and RAB drilling. Limited previous RC drilling was carried out at the Scooby Prospect approximately 2km NE of the Brolga deposit at Hemi.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Hemi discovery comprises a series of gold deposits hosted within predominately diorite to quartz diorite intrusions and sills that have been emplaced within the Mallina Basin. Six main deposits have been delineated within the complex and have been separately estimated and reported. These include Brolga, Aquila, Crow, Diucon, Eagle and Falcon. • Gold mineralisation is associated with localised to massive zones of fractured to brecciated albite, chlorite and carbonate (calcite) altered intrusion with

Criteria	JORC Code explanation	Commentary
		disseminated sulphides and stringers containing pyrite and arsenopyrite with minor occurrences of pyrrhotite, overprinted in places by quartz-sulphide veins that occasionally host visible gold. Sulphide abundance in the mineralised intrusions typically ranges from 2.5% to 10% and there are strong correlations between gold, arsenic, and sulphur.
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 case.*	• Drill hole location and directional information are provided in this release and previous ASX releases.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades)*	• Results are reported to a minimum cutoff grade of 0.5g/t gold with an internal dilution of 4m maximum, with intervals >2gm reported.

Criteria	JORC Code explanation	Commentary
	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.*	• Higher grade intervals are aggregated using a 3.0g/t Au lower cut with an internal dilution of 2m maximum. • Results are also reported to a minimum cutoff grade of 0.3g/t gold with an internal dilution of 10m maximum, with intervals >10gm reported • Intercepts are length weighted averaged. • No maximum cuts have been made.
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 (e.g. 'down hole length, true width not known').*	• The drill holes are approximately perpendicular to the strike of mineralisation. • Where drilling is not perpendicular to the dip of mineralisation the true widths are less than downhole widths.
Diagrams	• *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.*	• Plans and sections are provided in this release.

Criteria	JORC Code explanation	Commentary
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.*	• All drill collar locations are shown in figures and all significant results are provided in this report. • The report is considered balanced and provided in context.
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.*	• Extensive metallurgical, groundwater, and geotechnical studies have been completed as part of the economic assessment of the project.
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).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Programs of follow up RC and diamond drilling aimed at extending Mineral Resources at depth and laterally are planned. • Refer to diagrams in the body of this and previous ASX releases.