Further outstanding infill drill results at Brolga

Highlights

- The remainder of the infill grade control drilling at the Brolga deposit at Hemi has been completed. Assay results from the remaining program include:
  - 70m @ 3.4g/t Au from 36m in BRIN0212 (including 18m @ 6.6g/t Au from 38m)
  - 70m @ 3.0g/t Au from 36m in BRIN0267 (including 14m @ 5.1g/t Au from 84m)
  - 36m @ 4.3g/t Au from 70m in BRIN0213 (including 24m @ 5.2g/t Au from 82m)
  - 22m @ 3.9g/t Au from 36m in BRIN0265 (including 12m @ 6.2g/t Au from 42m)
  - 26m @ 3.3g/t Au from 40m in BRIN0302 (including 10m @ 7.6g/t Au from 46m)
- The infill grade control drilling program covers the first 12 months of ore production at Hemi. The strong results support the Hemi Definitive Feasibility Study ("**DFS**") mine plan and the rapid capital payback from the Brolga Stage 1 pit.
- Drilling has confirmed the consistency of mineralisation at the Mineral Resource cut-off grade of 0.3g/t Au and at the Hemi DFS Ore Reserve cut-off grade of approximately 0.5g/t Au estimated during the DFS using a gold price of A$2,700/oz.
- The infill grade control drilling has reduced drill spacing from 40m lines and 40m collars to 20m lines with 40m collars and has also enabled the reporting of a maiden Measured Mineral Resource Estimate ("**MRE**") of 12.7Mt @ 1.4g/t Au for 0.6Moz within the Brolga Stage 1 starter pit[1], refer Table A.
- The results will allow detailed ore production, stockpiling and plant feed scheduling for the critical commissioning and ramp-up phase at Hemi. Year 1 of ore production at Brolga comprises 9.9Mt @ 1.65g/t Au for 525koz[2] of contained gold. 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, refer to Table B.
- The operating cost, including pre-strip, of the Brolga Stage 1 pit was estimated in the DFS to be approximately A$865/oz[3]. 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 less than 12 months.

De Grey General Manager Exploration, Phil Tornatora, commented:

"Further solid intercepts returned from the infill grade control drilling at Brolga have supported the updated Hemi MRE and have enabled the reporting of the maiden Measured MRE of 0.6Moz within the Brolga Stage 1 starter pit. Follow up drilling of some new intercepts on the margin of the Brolga pit area which are not currently included in the MRE has been completed, with results awaited. The RC rig has also been following up targets in the Scooby area."

[1] Refer to ASX Announcement titled "Hemi Gold Project Mineral Resource Estimate 2024" dated 14 November 2024

[2] Refer to ASX announcement titled: "Outstanding infill drill results at Brolga" dated 29 October 2024

[3] Refer to the DFS dated 28 September 2023 for details on the Brolga pit and key assumptions and risks. Hemi mine plan contains approximately 1% Inferred Mineral Resources. There is a low level of geological confidence associated with Inferred Mineral Resources and 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.

Assay results, greater than 50 grams x metres, received from the recent infill grade control drilling program at Brolga include:

Section 30600E

- 70m @ 3.4g/t Au from 36m in BRIN0212 (including 18m @ 6.6g/t Au from 38m)
- 36m @ 4.3g/t Au from 70m in BRIN0213 (including 24m @ 5.2g/t Au from 82m)
- 38m @ 1.7g/t Au from 34m in BRIN0214
- 28m @ 2.0g/t Au from 78m in BRIN0214

Section 30540E

- 22m @ 3.9g/t Au from 36m in BRIN0265 (including 12m @ 6.2g/t Au from 42m)
- 70m @ 3.0g/t Au from 36m in BRIN0267 (including 14m @ 5.1g/t Au from 84m)
- 68m @ 1.4g/t Au from 38m in BRIN0271
- 44m @ 1.8g/t Au from 62m in BRIN0273
- 36m @ 1.9g/t Au from 46m in BRIN0275
- 42m @ 1.2g/t Au from 64m in BRIN0277

Section 30500E

- 26m @ 3.3g/t Au from 40m in BRIN0302 (including 10m @ 7.6g/t Au from 46m)
- 26m @ 2.6g/t Au from 40m in BRIN0304
- 34m @ 2.7g/t Au from 50m in BRIN0306

Section 30460E

- 24m @ 2.6g/t Au from 82m in BRIN0338
- 30m @ 2.3g/t Au from 56m in BRIN0340
- 28m @ 3.0g/t Au from 44m in BRIN0342 (including 14m @ 5.1g/t Au from 48m)
- 20m @ 2.8g/t Au from 44m in BRIN0344
- 68m @ 1.9g/t Au from 38m in BRIN0346
- 50m @ 1.1g/t Au from 54m in BRIN0348

Section 30420E

- 50m @ 2.1g/t Au from 38m in BRIN0372
- 44m @ 1.5g/t Au from 62m in BRIN0376

Table 1 shows new results estimated at a 0.5g/t Au lower cut, 4m maximum internal waste, (>2 gram x m Au). Table 2 shows new results at a 0.3g/t Au lower cut, 10m maximum internal waste, (>10 gram x m Au)

De Grey Mining Ltd (ASX: DEG, "**De Grey**" or the "**Company**") is pleased to announce the remainder of the infill grade control drilling results from the Brolga deposit at the Hemi Gold Project ("**Hemi**" or the "**Project**"). Drill results from the first portion of the program, comprising approximately 60% of the RC and diamond holes, were reported in an ASX announcement on 29 October 2024 ("Outstanding infill drill results at Brolga")[4]. This announcement includes results from the remaining 54 RC holes, comprising approximately 40% of the program. The drilling was conducted as part of an Operational Readiness program at Hemi and was not required for Project financing. However, the results are expected to provide continued confidence to potential 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.

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.

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[5]. The Brolga Stage 1 pit contains a Probable Reserve of 26.9Mt @ 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.

Drilling within the Brolga deposit was spaced at 40m x 40m. The infill program comprised a total of nine diamond and 135 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 1) for geostatistical purposes. This program has now been completed and assay results for the final portion of the program are reported in this announcement.

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. RC holes were designed to a set depth of 106m and many of the reported intersections end in mineralisation.

Figure 1 shows completed infill drill collars. Intervals at 0.3g/t Au and 0.5g/t Au lower cut-off grades are presented in sections 30540E (Figure 2) and 30580E (Figure 3).

[4] Note that the 29 October 2024 ASX announcement included the results from the first portion of the Brolga drilling program, which results were then included in the Company's update to the Hemi Mineral Resource Estimate released to ASX on 14 November 2024

[5] Refer to ASX Announcement titled "Hemi Gold Project – DFS Outstanding Financial Metrics" dated 28 September 2023

Figure 1 Plan of Brolga

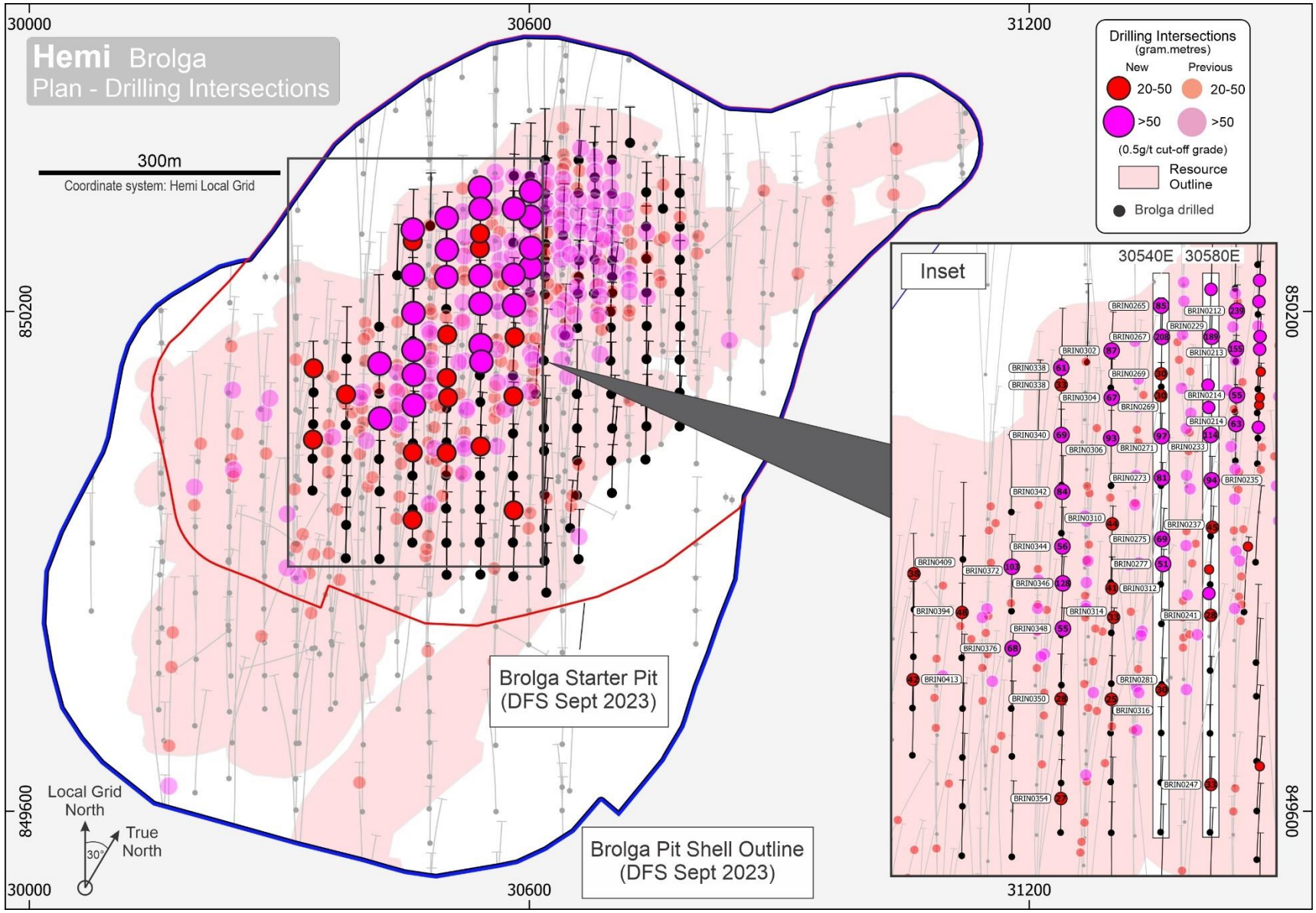


Figure 2 Brolga Section 30540E

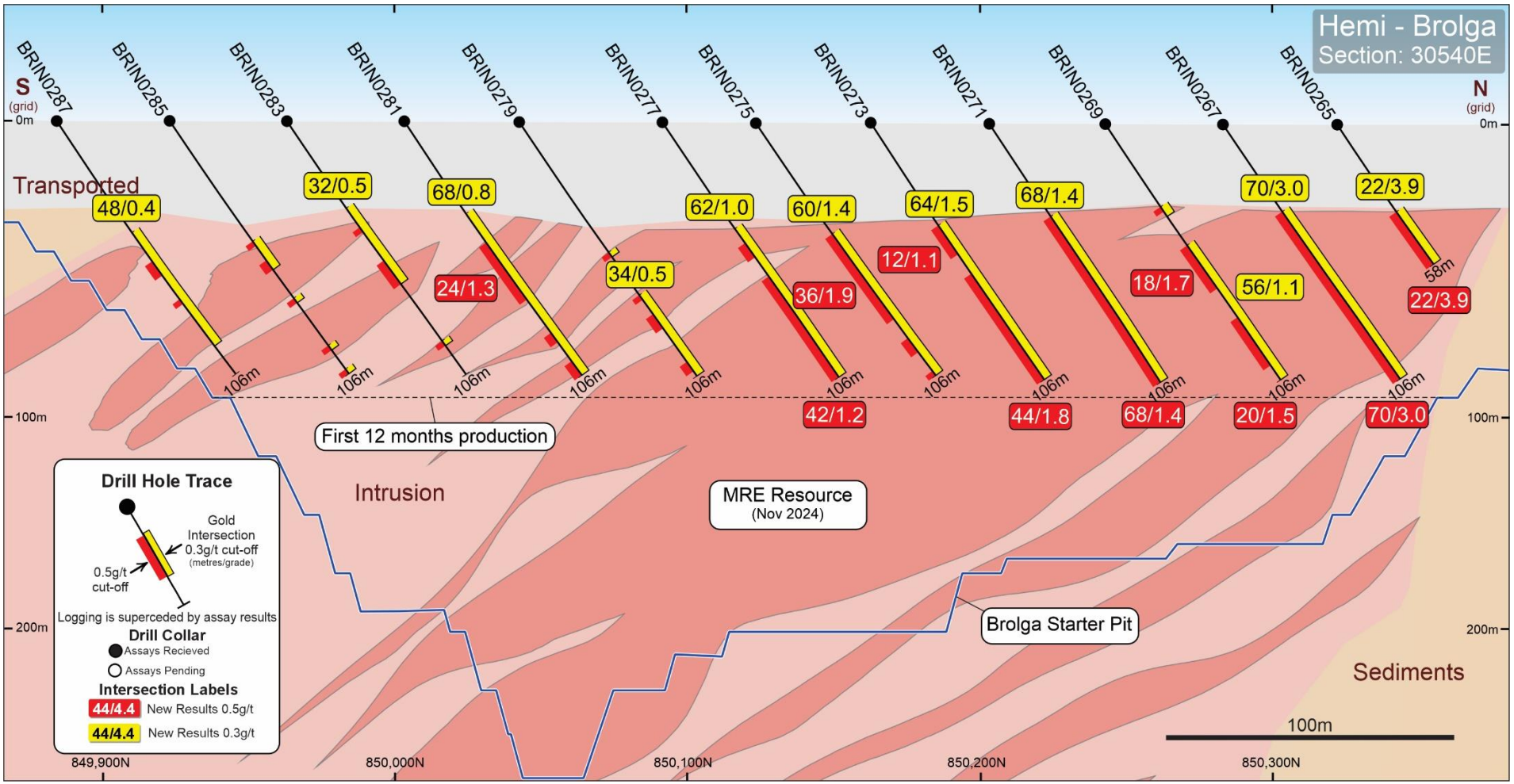
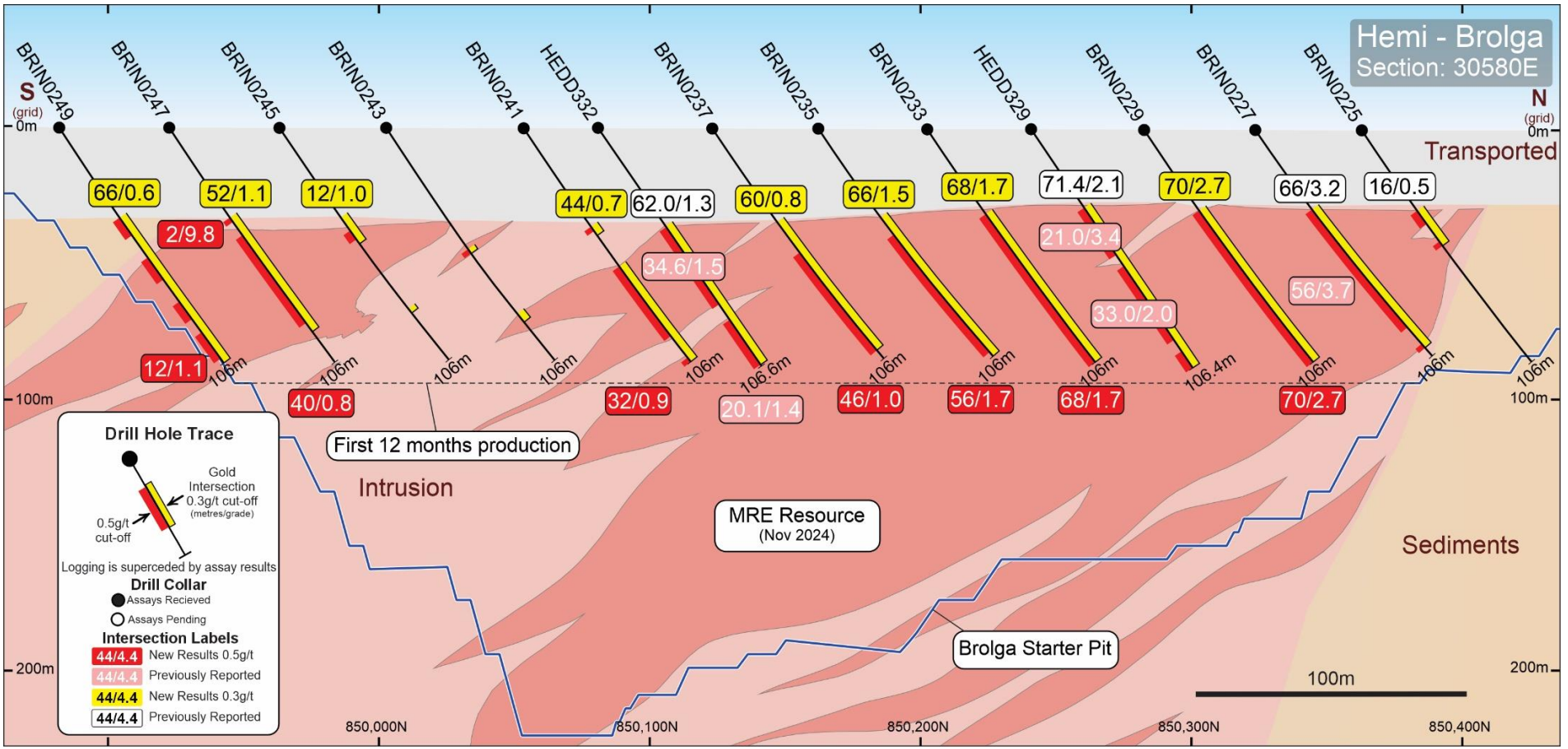


Figure 3 Brolga Section 30580E



RC drilling is now ongoing at Scooby, approximately 2km to the east of Hemi. A small program to follow up new intercepts from the Brolga infill program near the planned pit margin, which are not included in the current MRE, is also planned. 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 in the Greater Hemi area.

Table A: Brolga Stage 1 Pit - Mineral Resource Estimate (JORC 2012), November 2024

Measured			Indicated			Inferred			Total		
Mt	Au g/t	Moz	Mt	Au g/t	Moz	Mt	Au g/t	Moz	Mt	Au g/t	Moz
12.7	1.4	0.6	18.8	1.5	0.9	-	-	-	31.5	1.5	1.5

Table B: Brolga Stage 1 Pit – Ore Reserve, September 2023

Proven			Probable			Total		
Mt	Au g/t	Moz	Mt	Au g/t	Moz	Mt	Au g/t	Moz
-	-	-	26.9	1.64	1.42	26.9	1.64	1.42

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

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COMPETENT PERSON STATEMENTS

Exploration Results

The information in this announcement 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 Ltd. 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 announcement 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 announcement 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 announcement 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 announcement 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 announcement of the matters based on his information in the form and context in which it appears.

PRODUCTION TARGETS

This announcement contains De Grey production targets and forecast financial information derived from those. The information in this announcement that relates to the DFS and its outcomes for the Hemi Project is extracted from the ASX announcement titled "Hemi Gold Project – DFS Outstanding Financial Metrics" 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 announcement 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 announcement 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 announcement.

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 announcement are cautioned not to place undue reliance on forward-looking statements included in it.

Forward looking statements in this announcement 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
BRIN0210	Brolga	36.0	44.0	8.0	1.4	649139	7692446	68	-56	331	106	RC
BRIN0210	Brolga	56.0	58.0	2.0	1.5	649139	7692446	68	-56	331	106	RC
BRIN0212	Brolga	36.0	106.0	70.0	3.4	649169	7692395	68	-56	330	106	RC
incl	Brolga	38.0	56.0	18.0	6.6	649169	7692395	68	-56	330	106	RC
BRIN0213	Brolga	38.0	56.0	18.0	0.9	649189	7692360	68	-56	331	106	RC
BRIN0213	Brolga	70.0	106.0	36.0	4.3	649189	7692360	68	-56	331	106	RC
incl	Brolga	82.0	106.0	24.0	5.2	649189	7692360	68	-56	331	106	RC
BRIN0214	Brolga	34.0	72.0	38.0	1.7	649209	7692326	68	-57	330	106	RC
incl	Brolga	34.0	36.0	2.0	7.3	649209	7692326	68	-57	330	106	RC
BRIN0214	Brolga	78.0	106.0	28.0	2.0	649209	7692326	68	-57	330	106	RC
BRIN0265	Brolga	36.0	58.0	22.0	3.9	649107	7692381	68	-57	331	58	RC
incl	Brolga	42.0	54.0	12.0	6.2	649107	7692381	68	-57	331	58	RC
BRIN0267	Brolga	36.0	106.0	70.0	3.0	649127	7692347	68	-56	330	106	RC
incl	Brolga	76.0	78.0	2.0	14.7	649127	7692347	68	-56	330	106	RC
incl	Brolga	84.0	98.0	14.0	5.1	649127	7692347	68	-56	330	106	RC
BRIN0269	Brolga	34.0	36.0	2.0	3.2	649147	7692312	69	-57	331	106	RC
BRIN0269	Brolga	50.0	68.0	18.0	1.7	649147	7692312	69	-57	331	106	RC
BRIN0269	Brolga	80.0	100.0	20.0	1.5	649147	7692312	69	-57	331	106	RC
BRIN0271	Brolga	38.0	106.0	68.0	1.4	649167	7692278	69	-57	331	106	RC
incl	Brolga	72.0	76.0	4.0	5.5	649167	7692278	69	-57	331	106	RC
BRIN0273	Brolga	42.0	54.0	12.0	1.1	649187	7692243	69	-57	330	106	RC
BRIN0273	Brolga	62.0	106.0	44.0	1.8	649187	7692243	69	-57	330	106	RC
incl	Brolga	98.0	104.0	6.0	4.0	649187	7692243	69	-57	330	106	RC
BRIN0275	Brolga	46.0	82.0	36.0	1.9	649207	7692209	69	-56	330	106	RC
incl	Brolga	46.0	48.0	2.0	8.4	649207	7692209	69	-56	330	106	RC
BRIN0275	Brolga	90.0	96.0	6.0	0.9	649207	7692209	69	-56	330	106	RC
BRIN0275	Brolga	104.0	106.0	2.0	2.2	649207	7692209	69	-56	330	106	RC
BRIN0277	Brolga	50.0	56.0	6.0	1.0	649223	7692182	69	-56	331	106	RC
BRIN0277	Brolga	64.0	106.0	42.0	1.2	649223	7692182	69	-56	331	106	RC
BRIN0279	Brolga	54.0	56.0	2.0	1.0	649248	7692139	69	-56	330	106	RC
BRIN0279	Brolga	80.0	86.0	6.0	1.0	649248	7692139	69	-56	330	106	RC
BRIN0279	Brolga	100.0	104.0	4.0	1.2	649248	7692139	69	-56	330	106	RC
BRIN0281	Brolga	50.0	74.0	24.0	1.3	649267	7692105	70	-56	330	106	RC
BRIN0281	Brolga	88.0	92.0	4.0	1.2	649267	7692105	70	-56	330	106	RC
BRIN0281	Brolga	100.0	106.0	6.0	2.0	649267	7692105	70	-56	330	106	RC
BRIN0283	Brolga	44.0	46.0	2.0	2.1	649287	7692070	70	-56	330	106	RC
BRIN0283	Brolga	58.0	68.0	10.0	0.9	649287	7692070	70	-56	330	106	RC
BRIN0283	Brolga	92.0	94.0	2.0	3.6	649287	7692070	70	-56	330	106	RC
BRIN0285	Brolga	50.0	52.0	2.0	1.0	649307	7692035	70	-56	330	106	RC
BRIN0285	Brolga	58.0	62.0	4.0	0.8	649307	7692035	70	-56	330	106	RC
BRIN0287	Brolga	58.0	64.0	6.0	2.0	649327	7692002	70	-56	331	106	RC
BRIN0302	Brolga	40.0	66.0	26.0	3.3	649092	7692326	69	-57	330	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	46.0	56.0	10.0	7.6	649092	7692326	69	-57	330	106	RC
BRIN0304	Brolga	40.0	66.0	26.0	2.6	649112	7692294	69	-56	331	106	RC
BRIN0304	Brolga	76.0	80.0	4.0	3.5	649112	7692294	69	-56	331	106	RC
BRIN0304	Brolga	94.0	96.0	2.0	1.6	649112	7692294	69	-56	331	106	RC
BRIN0306	Brolga	50.0	84.0	34.0	2.7	649132	7692258	69	-57	330	106	RC
incl	Brolga	74.0	82.0	8.0	4.8	649132	7692258	69	-57	330	106	RC
BRIN0306	Brolga	94.0	102.0	8.0	0.7	649132	7692258	69	-57	330	106	RC
BRIN0310	Brolga	48.0	52.0	4.0	0.9	649171	7692190	69	-56	331	106	RC
BRIN0310	Brolga	62.0	102.0	40.0	1.1	649171	7692190	69	-56	331	106	RC
BRIN0312	Brolga	46.0	80.0	34.0	1.2	649192	7692155	69	-56	331	106	RC
BRIN0312	Brolga	88.0	92.0	4.0	0.8	649192	7692155	69	-56	331	106	RC
BRIN0312	Brolga	98.0	106.0	8.0	1.6	649192	7692155	69	-56	331	106	RC
BRIN0314	Brolga	38.0	42.0	4.0	0.8	649212	7692119	69	-57	330	106	RC
BRIN0314	Brolga	50.0	62.0	12.0	0.8	649212	7692119	69	-57	330	106	RC
BRIN0314	Brolga	80.0	106.0	26.0	1.3	649212	7692119	69	-57	330	106	RC
BRIN0316	Brolga	38.0	58.0	20.0	1.3	649232	7692085	69	-55	331	106	RC
BRIN0318	Brolga	38.0	44.0	6.0	2.4	649251	7692050	69	-56	331	106	RC
BRIN0318	Brolga	78.0	82.0	4.0	1.0	649251	7692050	69	-56	331	106	RC
BRIN0318	Brolga	96.0	100.0	4.0	0.6	649251	7692050	69	-56	331	106	RC
BRIN0320	Brolga	54.0	68.0	14.0	1.3	649272	7692015	69	-56	330	106	RC
BRIN0320	Brolga	98.0	106.0	8.0	1.3	649272	7692015	69	-56	330	106	RC
BRIN0322	Brolga	56.0	58.0	2.0	3.0	649292	7691982	69	-56	331	106	RC
BRIN0322	Brolga	66.0	70.0	4.0	1.1	649292	7691982	69	-56	331	106	RC
BRIN0322	Brolga	90.0	92.0	2.0	1.9	649292	7691982	69	-56	331	106	RC
BRIN0322	Brolga	104.0	106.0	2.0	4.3	649292	7691982	69	-56	331	106	RC
BRIN0324	Brolga	70.0	72.0	2.0	1.4	649065	7692335	69	-56	331	106	RC
BRIN0336	Brolga	50.0	56.0	6.0	1.4	649056	7692308	68	-56	331	106	RC
BRIN0338	Brolga	66.0	76.0	10.0	3.3	649076	7692273	69	-57	331	106	RC
BRIN0338	Brolga	82.0	106.0	24.0	2.6	649076	7692273	69	-57	331	106	RC
BRIN0340	Brolga	46.0	50.0	4.0	0.9	649097	7692238	69	-57	330	106	RC
BRIN0340	Brolga	56.0	86.0	30.0	2.3	649097	7692238	69	-57	330	106	RC
BRIN0340	Brolga	92.0	96.0	4.0	0.7	649097	7692238	69	-57	330	106	RC
BRIN0342	Brolga	44.0	72.0	28.0	3.0	649116	7692205	69	-56	331	106	RC
incl	Brolga	48.0	62.0	14.0	5.1	649116	7692205	69	-56	331	106	RC
BRIN0344	Brolga	44.0	64.0	20.0	2.8	649137	7692168	69	-56	331	106	RC
BRIN0344	Brolga	74.0	86.0	12.0	0.9	649137	7692168	69	-56	331	106	RC
BRIN0344	Brolga	92.0	104.0	12.0	0.9	649137	7692168	69	-56	331	106	RC
BRIN0346	Brolga	38.0	106.0	68.0	1.9	649157	7692133	69	-56	331	106	RC
incl	Brolga	54.0	62.0	8.0	4.2	649157	7692133	69	-56	331	106	RC
BRIN0348	Brolga	54.0	104.0	50.0	1.1	649178	7692098	69	-57	330	106	RC
BRIN0350	Brolga	34.0	64.0	30.0	0.9	649197	7692064	69	-57	331	106	RC
BRIN0350	Brolga	72.0	80.0	8.0	0.7	649197	7692064	69	-57	331	106	RC
BRIN0350	Brolga	96.0	100.0	4.0	1.5	649197	7692064	69	-57	331	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
BRIN0352	Brolga	50.0	52.0	2.0	3.4	649217	7692030	69	-57	331	106	RC
BRIN0352	Brolga	62.0	76.0	14.0	0.9	649217	7692030	69	-57	331	106	RC
BRIN0354	Brolga	46.0	54.0	8.0	3.4	649237	7691995	69	-55	331	106	RC
BRIN0354	Brolga	60.0	62.0	2.0	1.7	649237	7691995	69	-55	331	106	RC
BRIN0354	Brolga	78.0	84.0	6.0	0.9	649237	7691995	69	-55	331	106	RC
BRIN0358	Brolga	70.0	76.0	6.0	0.9	649061	7692264	69	-57	331	106	RC
BRIN0358	Brolga	88.0	106.0	18.0	1.1	649061	7692264	69	-57	331	106	RC
BRIN0372	Brolga	38.0	88.0	50.0	2.1	649113	7692130	69	-57	330	106	RC
incl	Brolga	40.0	46.0	6.0	5.0	649113	7692130	69	-57	330	106	RC
incl	Brolga	78.0	84.0	6.0	5.0	649113	7692130	69	-57	330	106	RC
BRIN0376	Brolga	62.0	106.0	44.0	1.5	649152	7692062	69	-57	330	106	RC
BRIN0378	Brolga	40.0	48.0	8.0	0.6	649172	7692028	69	-57	331	106	RC
BRIN0378	Brolga	64.0	68.0	4.0	0.7	649172	7692028	69	-57	331	106	RC
BRIN0378	Brolga	98.0	106.0	8.0	0.7	649172	7692028	69	-57	331	106	RC
BRIN0382	Brolga	50.0	60.0	10.0	2.0	649212	7691958	69	-57	330	106	RC
BRIN0382	Brolga	94.0	96.0	2.0	1.0	649212	7691958	69	-57	330	106	RC
BRIN0390	Brolga	42.0	44.0	2.0	1.3	649058	7692147	69	-56	331	106	RC
BRIN0390	Brolga	50.0	60.0	10.0	0.8	649058	7692147	69	-56	331	106	RC
BRIN0392	Brolga	64.0	68.0	4.0	1.4	649078	7692110	69	-57	331	106	RC
BRIN0392	Brolga	76.0	80.0	4.0	1.4	649078	7692110	69	-57	331	106	RC
BRIN0394	Brolga	46.0	84.0	38.0	1.3	649097	7692077	69	-57	331	106	RC
BRIN0396	Brolga	64.0	70.0	6.0	1.6	649118	7692042	69	-56	331	106	RC
BRIN0396	Brolga	82.0	94.0	12.0	1.2	649118	7692042	69	-56	331	106	RC
BRIN0396	Brolga	100.0	106.0	6.0	1.2	649118	7692042	69	-56	331	106	RC
BRIN0398	Brolga	64.0	66.0	2.0	1.3	649138	7692008	69	-56	331	106	RC
BRIN0398	Brolga	86.0	90.0	4.0	2.1	649138	7692008	69	-56	331	106	RC
BRIN0402	Brolga	48.0	54.0	6.0	0.7	649177	7691938	69	-57	331	106	RC
BRIN0409	Brolga	40.0	62.0	22.0	1.7	649044	7692092	69	-57	330	106	RC
BRIN0411	Brolga	42.0	50.0	8.0	0.7	649063	7692058	69	-57	330	106	RC
BRIN0411	Brolga	70.0	78.0	8.0	0.9	649063	7692058	69	-57	330	106	RC
BRIN0413	Brolga	40.0	42.0	2.0	21.2	649083	7692022	69	-57	330	106	RC
BRIN0413	Brolga	50.0	54.0	4.0	0.9	649083	7692022	69	-57	330	106	RC
BRIN0413	Brolga	60.0	64.0	4.0	0.9	649083	7692022	69	-57	330	106	RC
BRIN0413	Brolga	88.0	94.0	6.0	1.9	649083	7692022	69	-57	330	106	RC
BRIN0415	Brolga	66.0	88.0	22.0	0.8	649102	7691989	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
BRIN0210	Brolga	36	58	22	0.7	649139	7692446	68	-56	331	106	RC
BRIN0212	Brolga	36	106	70	3.4	649169	7692395	68	-56	330	106	RC
BRIN0213	Brolga	38	106	68	2.6	649189	7692360	68	-56	331	106	RC
BRIN0214	Brolga	34	106	72	1.7	649209	7692326	68	-57	330	106	RC
BRIN0265	Brolga	36	58	22	3.9	649107	7692381	68	-57	331	58	RC
BRIN0267	Brolga	36	106	70	3	649127	7692347	68	-56	330	106	RC
BRIN0269	Brolga	50	106	56	1.1	649147	7692312	69	-57	331	106	RC
BRIN0271	Brolga	38	106	68	1.4	649167	7692278	69	-57	331	106	RC
BRIN0273	Brolga	42	106	64	1.5	649187	7692243	69	-57	330	106	RC
BRIN0275	Brolga	46	106	60	1.4	649207	7692209	69	-56	330	106	RC
BRIN0277	Brolga	44	106	62	1	649223	7692182	69	-56	331	106	RC
BRIN0279	Brolga	72	106	34	0.5	649248	7692139	69	-56	330	106	RC
BRIN0281	Brolga	38	106	68	0.8	649267	7692105	70	-56	330	106	RC
BRIN0283	Brolga	36	68	32	0.5	649287	7692070	70	-56	330	106	RC
BRIN0287	Brolga	46	94	48	0.4	649327	7692002	70	-56	331	106	RC
BRIN0302	Brolga	40	66	26	3.3	649092	7692326	69	-57	330	106	RC
BRIN0304	Brolga	40	82	42	2	649112	7692294	69	-56	331	106	RC
BRIN0306	Brolga	50	102	52	1.9	649132	7692258	69	-57	330	106	RC
BRIN0310	Brolga	48	104	56	0.9	649171	7692190	69	-56	331	106	RC
BRIN0312	Brolga	46	106	60	1	649192	7692155	69	-56	331	106	RC
BRIN0314	Brolga	38	106	68	0.8	649212	7692119	69	-57	330	106	RC
BRIN0316	Brolga	38	68	30	0.9	649232	7692085	69	-55	331	106	RC
BRIN0318	Brolga	38	52	14	1.1	649251	7692050	69	-56	331	106	RC
BRIN0320	Brolga	54	68	14	1.3	649272	7692015	69	-56	330	106	RC
BRIN0320	Brolga	96	106	10	1.1	649272	7692015	69	-56	330	106	RC
BRIN0322	Brolga	56	70	14	0.8	649292	7691982	69	-56	331	106	RC
BRIN0336	Brolga	44	76	32	0.4	649056	7692308	68	-56	331	106	RC
BRIN0338	Brolga	54	106	52	1.9	649076	7692273	69	-57	331	106	RC
BRIN0340	Brolga	46	98	52	1.5	649097	7692238	69	-57	330	106	RC
BRIN0342	Brolga	44	88	44	2	649116	7692205	69	-56	331	106	RC
BRIN0344	Brolga	42	106	64	1.3	649137	7692168	69	-56	331	106	RC
BRIN0346	Brolga	38	106	68	1.9	649157	7692133	69	-56	331	106	RC
BRIN0348	Brolga	54	106	52	1.1	649178	7692098	69	-57	330	106	RC
BRIN0350	Brolga	34	80	46	0.8	649197	7692064	69	-57	331	106	RC
BRIN0352	Brolga	36	102	66	0.4	649217	7692030	69	-57	331	106	RC
BRIN0354	Brolga	46	98	52	0.8	649237	7691995	69	-55	331	106	RC
BRIN0358	Brolga	70	106	36	0.8	649061	7692264	69	-57	331	106	RC
BRIN0372	Brolga	38	88	50	2.1	649113	7692130	69	-57	330	106	RC
BRIN0376	Brolga	44	106	62	1.1	649152	7692062	69	-57	330	106	RC
BRIN0382	Brolga	48	66	18	1.2	649212	7691958	69	-57	330	106	RC

BRIN0390	Brolga	40	60	20	0.6	649058	7692147	69	-56	331	106	RC
BRIN0392	Brolga	64	80	16	0.8	649078	7692110	69	-57	331	106	RC
BRIN0394	Brolga	46	84	38	1.3	649097	7692077	69	-57	331	106	RC
BRIN0396	Brolga	44	106	62	0.6	649118	7692042	69	-56	331	106	RC
BRIN0398	Brolga	86	98	12	0.8	649138	7692008	69	-56	331	106	RC
BRIN0409	Brolga	40	62	22	1.7	649044	7692092	69	-57	330	106	RC
BRIN0413	Brolga	40	70	30	1.8	649083	7692022	69	-57	330	106	RC
BRIN0413	Brolga	86	94	8	1.6	649083	7692022	69	-57	330	106	RC
BRIN0415	Brolga	66	88	22	0.8	649102	7691989	69	-56	331	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. • 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, 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*	• Reverse Circulation (RC) holes were drilled with a 51/2-inch bit and face sampling hammer.

Criteria	JORC Code explanation	Commentary
	tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).	
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.*	• RC 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.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* • *The total length and percentage of the relevant intersections logged.*	• The entire hole has been geologically logged by Company geologists. • 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.*	• 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.

Criteria	JORC Code explanation	Commentary
	• *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.*	• 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.
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. • RC samples Au were analysed by a 50g charge Fire assay fusion technique with an AAS finish. • At least every fifth RC sample was 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.

Criteria	JORC Code explanation	Commentary
		• Results have been uploaded into the company database, checked and verified. • No adjustments have been made to the assay data. • 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 announcements 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

Criteria	JORC Code explanation	Commentary
		be used in a Mineral Resource estimate. • Sample compositing has not been applied except in reporting of drill 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 Ltd. • The Hemi deposit is approximately 60km SSW of Port Hedland. • The tenements are in good standing as at the time of this announcement. • 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 Ltd. 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 announcement and previous ASX announcements.
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 announcement.

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 announcement. • The announcement 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 announcements.