

## ASX ANNOUNCEMENT

15 March 2022

# Impressive resource definition drilling results at Brolga

## *Diamond drilling also confirming previous RC drilling results*

- New resource definition results include:
  - **193m @ 1.7g/t Au\*** from 40m in HEDD218
  - **123m @ 1.9g/t Au\*** from 33m in HMRC054
  - **140.2m @ 1.3g/t Au\*** from 35.7m in HEDD302
  - **136m @ 1.2 g/t Au\*** from 38m in HMRC055
  - **128m @ 1.2g/t Au\*** from 94m in HMRC065
  - **90m @ 1.1g/t Au** from 106m in HMRC138
- Resource definition drilling is being conducted at Brolga and other zones at Hemi to increase the amount of JORC Indicated resources expected to be included in the Production Target and Ore Reserve for the Prefeasibility Study (PFS).
- Resource definition drilling, as noted above, improves the confidence around early production from the proposed Stage 1 starter pit at Brolga defined in the Scoping Study of 1.3Moz at 1.3g/t Au.
- Other higher grade resource definition results at Brolga include:
  - **54m @ 2.6g/t Au** from 45m in HEDD300
  - **20m @ 5.1g/t Au** from 212m in HMRC131
  - **19m @ 3.7g/t Au** from 36m in HMRC139
  - **19.3m @ 2.5g/t Au** from 35.7m in HEDD302
  - **24.5m @ 2.5g/t Au** from 91m HEDD302

De Grey General Manager Exploration, Phil Tornatora, commented:

*“These new resource definition drilling results at Brolga, including 193m @ 1.7g/t Au in diamond drill hole HEDD218, successfully demonstrate the continuity of mineralisation within the proposed Brolga Stage 1 starter pit and reduce project risk associated with early production.*

*Resource extension drilling to the southwest of the proposed Brolga starter pit is in progress.*

*Exploration drilling continues across both Greater Hemi and Regional areas. Resource definition drilling is nearing completion and rigs will then be targeting further resource extensional and discovery drilling within the Greater Hemi region.”*

**\*Intervals calculated at 0.3g/t Au cut-off grade, refer Table 2.**

De Grey Mining Limited (ASX: DEG, “De Grey” or the “Company”) is pleased to report these latest resource infill drilling results from the Brolga zone at Hemi. The drilling is being conducted as part of the Prefeasibility Study (**PFS**) of the Mallina Gold Project (the **Project**). Brolga was identified, along with Diucon and Falcon, in the Scoping Study announced in October 2021 as one of the early proposed production sources for the Project. Resource definition drilling allows more of the Brolga resource to be classified as JORC Indicated mineralisation. This increases the potential production target and Ore Reserve for the PFS and provides increased confidence in the Project’s projected cashflow from early production sources.

Drill results are provided in Table 1 at a 0.5g/t Au lower cut and in Table 2 at a 0.3g/t Au lower cut.

Resource definition drilling at Brolga (Figure 1) has focussed on the proposed Stage 1 pit from the Scoping Study. The Mineral Resource (Hemi Maiden MRE June 2021) contained within the Brolga Stage 1 pit comprised 1.29Moz @ 1.3g/t Au (Figure 2). The strip ratio of the Brolga Stage 1 pit was 2.1:1 including the pre-stripping of unmineralised transported sediments. Proposed production from Brolga is a key factor in the payback period of the Project of less than two years identified in the recently announced Scoping Study. Resource infill drilling conducted on selected Sections 30600E and 30520E are shown in Figures 3 and 4.

Drilling at Brolga will also be extended to the south and southwest and at depth of the Stage 1 pit with the aim of extending mineralisation and increasing the resource.

Selected intervals estimated at a 0.3g/t Au cut-off grade, including higher grade intervals reported at a 0.5g/t Au lower cut-off grade (refer Table 1) include:

- Section 30600E (Figure 3) include:
  - **193m\* @ 1.7g/t Au** from 40m in HEDD218 including **10.4m @ 5.5g/t Au** from 42m
  - **123m\* @ 1.9g/t Au** from 33m in HMRC054 including **51m @ 3.8g/t Au** from 88m
  - **43m\* @ 0.9g/t Au** from 62.7m and **75m @ 1.1g/t Au** from 120m and **19.3m @ 1.1g/t Au** from 303m in HEDD217
  - **136m\* @ 1.2g/t Au** from 38m in HMRC055 including **93m @ 1.6g/t Au**
  
- Results on section 30520E (Figure 4) include:
  - **72m\* @ 1.9g/t Au** from 36m in HMRC139 including **19m @ 3.7g/t Au** from 68m and **32m @ 1.9g/t Au** from 68m
  - **153m\* @ 1.0g/t Au** from 45m in HMRC140 including **13m @ 1.8g/t Au** from 58m and **42m @ 1.3 g/t Au** from 69m and **12m @ 1.6g/t Au** from 129m
  - **147m\* @ 1.0g/t Au** from 45m in HMRC141 including **85m @ 1.3g/t Au** from 63m
  - **154m\* @ 0.9g/t Au** from 62m in HMRC142 including **28m @ 1.2g/t Au** from 86m and **60m @ 1.4g/t Au** from 130m
  - **94m\* @ 1.0g/t Au** from 114m in HMRC298
  - **69m\* @ 1.5g/t Au** from 176m in HMRC300



Figure 2 Brolga Long Section – Maiden Mineral Resource model and Pit shells

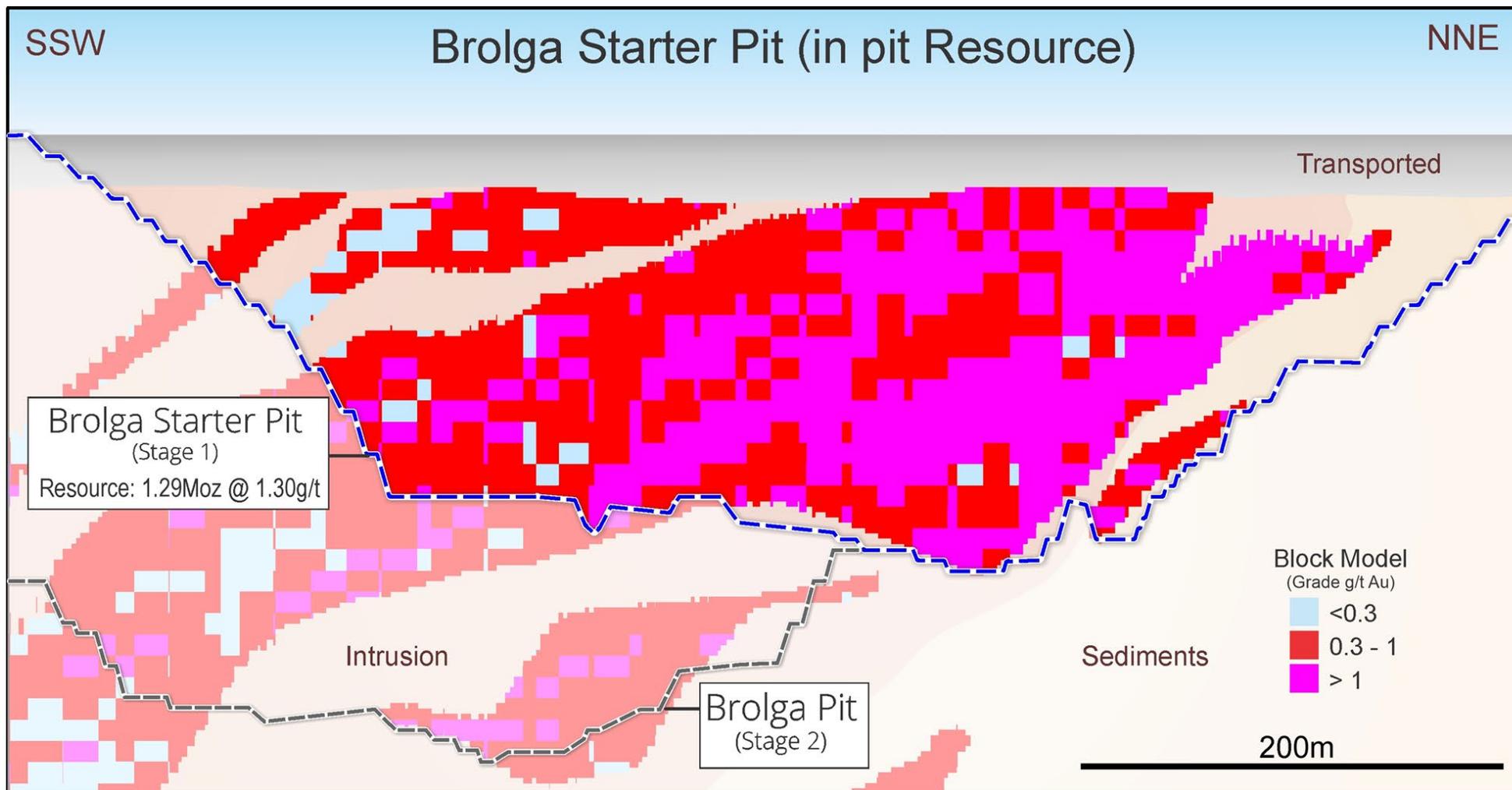


Figure 3 Brolga Section 30600E

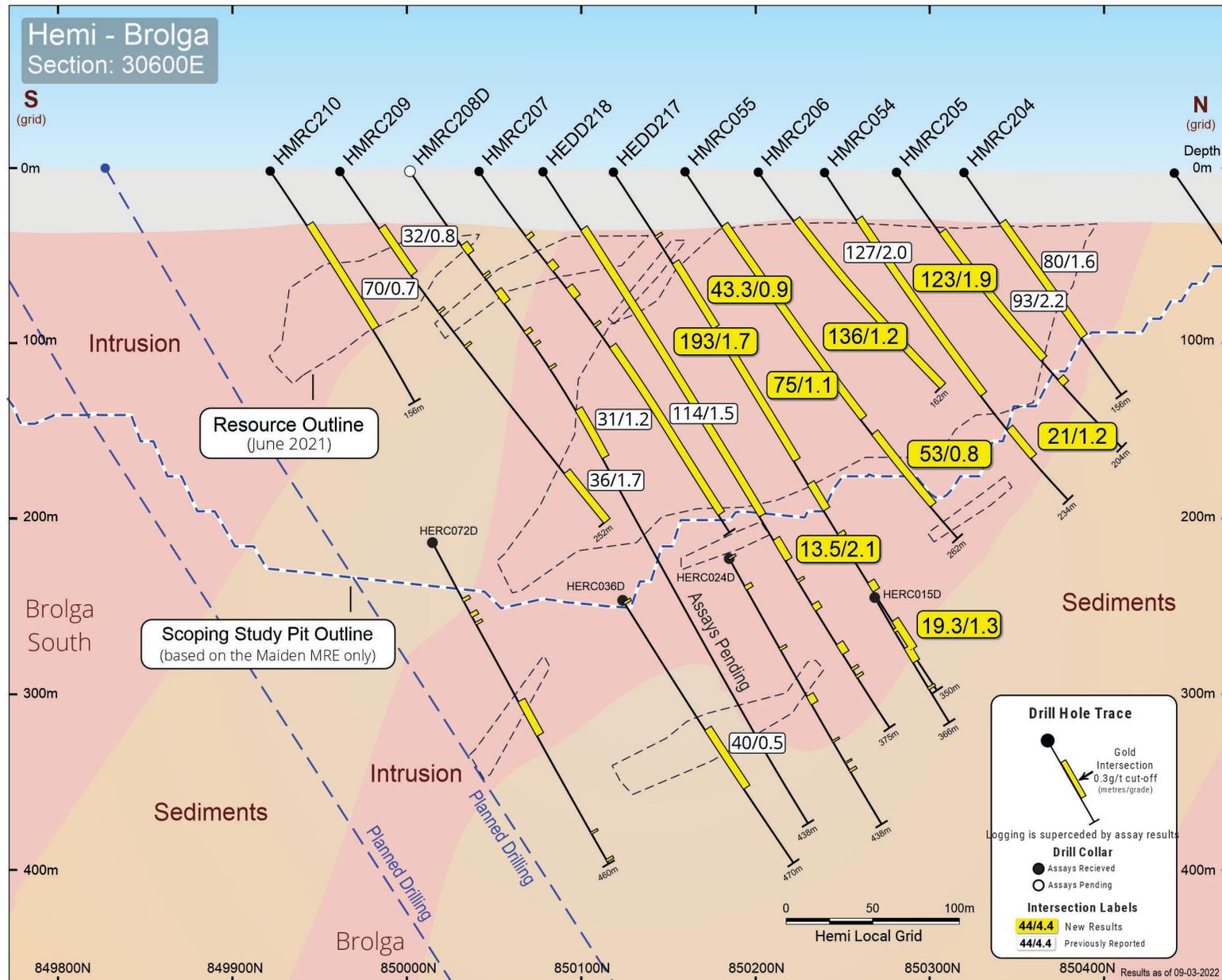
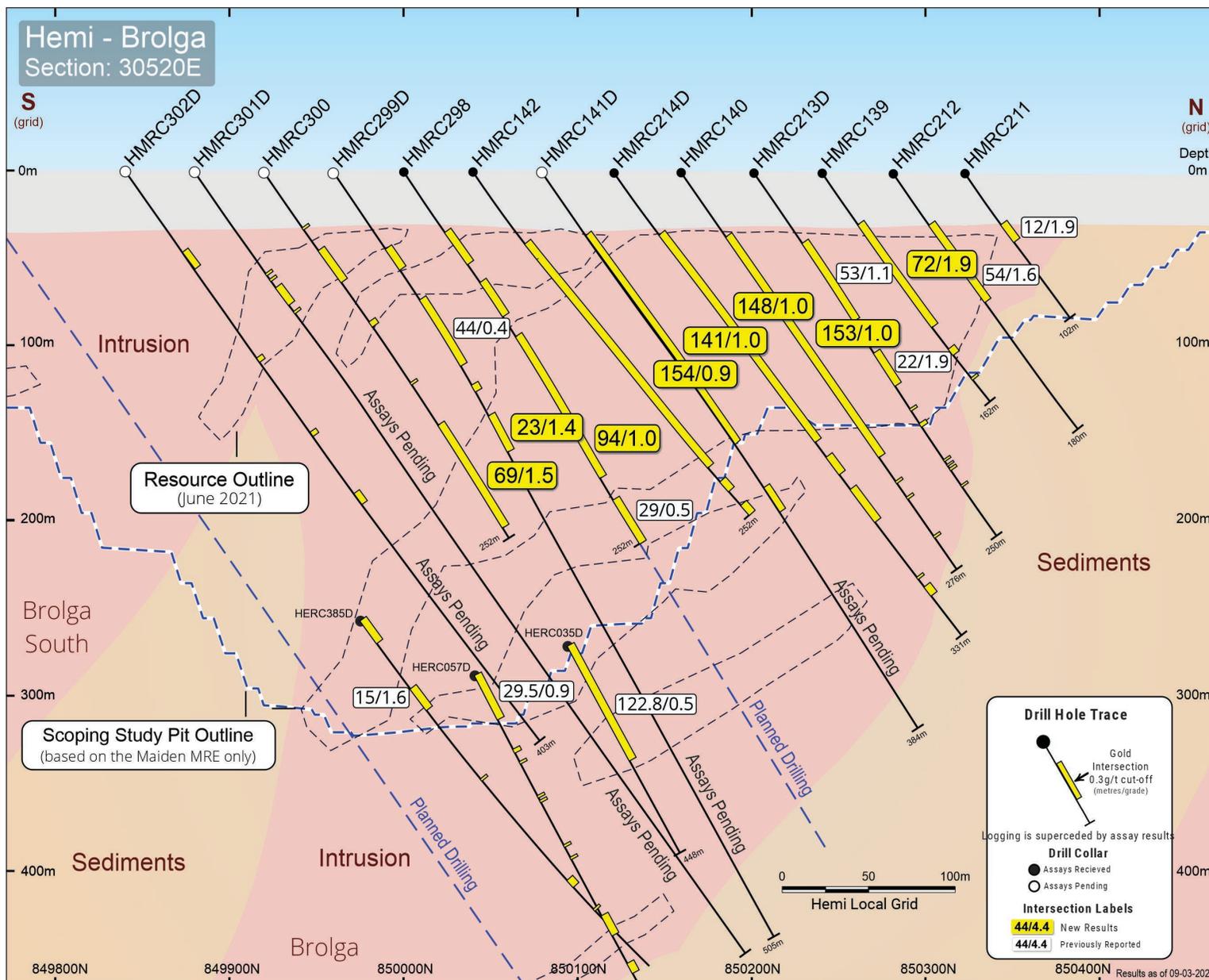


Figure 4 Brolga Section 30520E



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

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### **Competent Person's Statement**

*The information in this report that relates to exploration results is based on, and fairly represents information and supporting documentation prepared by Mr. Phil Tornatora, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy. 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.*

**Previously released ASX Material References** that relates to Hemi Prospect includes:

#### *Resources and Studies:*

- 2020 Mallina Gold Project Resource update, 2 April 2020
- 6.8Moz Hemi Maiden Mineral Resource drives Mallina Gold Project, 23 June 2021
- De Grey Mining Mallina Gold Project Scoping Study, 5 October 2021

#### *Exploration results at Hemi, announced during financial year 2022:*

- Diucon - compelling new results, 22 July 2021
- New results substantially extend Eagle, 9 August 2021
- Diucon – depth, width and strike extensions, 1 September 2021
- Eagle extensions to the west and at depth, 9 September 2021
- High gold recoveries also achieved at Falcon and Crow, 21 September 2021
- Greater Hemi Corridor Update, 30 September 2021
- Consistent infill results in Brolga Stage 1 pit, 11 November 2021
- High grade in extensional and infill drilling at Eagle, 10 December 2021
- Diucon extended to 500m depth and remains open, 17 December 2021
- Near surface high grade and depth extensions at Falcon, 3 February 2022
- Outstanding Results from Diucon deposit at Hemi, 15 February 2022

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

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
HEAC989	Brolga	36.0	40.0	4.0	0.6	650002	7692635	69	-55	269	93	AC
HEDD018	Brolga	36.8	54.3	17.4	3.5	649228	7692449	68	-55	331	121	DD
incl	Brolga	41.8	44.5	2.6	9.3	649228	7692449	68	-55	331	121	DD
HEDD019	Brolga	176.6	198.3	21.7	1.5	649256	7692001	69	-56	331	345	DD
HEDD022	Brolga	44.0	54.0	10.0	0.6	649184	7692125	69	-58	331	417	DD
HEDD022	Brolga	69.0	94.0	25.0	2.2	649184	7692125	69	-58	331	417	DD
incl	Brolga	69.0	79.0	10.0	3.6	649184	7692125	69	-58	331	417	DD
HEDD022	Brolga	99.0	134.0	35.0	1.6	649184	7692125	69	-58	331	417	DD
HEDD022	Brolga	139.0	159.0	20.0	1.6	649184	7692125	69	-58	331	417	DD
HEDD022	Brolga	164.0	169.0	5.0	0.6	649184	7692125	69	-58	331	417	DD
HEDD217	Brolga	62.7	67.0	4.3	0.7	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	73.0	106.0	33.0	1.1	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	120.0	155.0	35.0	1.7	649260	7692234	69	-56	330	350	DD
incl	Brolga	139.8	146.8	7.0	4.9	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	160.0	165.0	5.0	1.2	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	179.0	184.0	5.0	1.0	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	188.2	195.0	6.8	0.9	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	210.9	216.5	5.6	0.8	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	222.5	223.3	0.8	3.2	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	262.0	263.0	1.0	2.1	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	277.0	280.0	3.0	1.3	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	313.3	322.3	9.0	2.6	649260	7692234	69	-56	330	350	DD
HEDD218	Brolga	42.0	52.3	10.4	5.5	649281	7692199	69	-55	331	375	DD
HEDD218	Brolga	62.0	205.0	143.0	1.6	649281	7692199	69	-55	331	375	DD
incl	Brolga	155.0	178.0	23.0	3.8	649281	7692199	69	-55	331	375	DD
HEDD218	Brolga	210.4	219.5	9.1	1.5	649281	7692199	69	-55	331	375	DD
HEDD218	Brolga	223.7	233.0	9.3	2.3	649281	7692199	69	-55	331	375	DD
HEDD218	Brolga	249.0	262.5	13.5	2.1	649281	7692199	69	-55	331	375	DD
HEDD218	Brolga	292.2	295.7	3.5	2.6	649281	7692199	69	-55	331	375	DD
HEDD218	Brolga	322.1	325.1	3.0	0.7	649281	7692199	69	-55	331	375	DD
HEDD300	Brolga	45.0	99.0	54.0	2.6	649146	7692193	69	-56	329	210	DD
incl	Brolga	59.4	70.1	10.7	6.6	649146	7692193	69	-56	329	210	DD
HEDD300	Brolga	111.0	114.0	3.0	2.3	649146	7692193	69	-56	329	210	DD
HEDD302	Brolga	35.7	55.0	19.3	2.5	649183	7692292	69	-56	333	204	DD
HEDD302	Brolga	61.0	86.3	25.3	1.4	649183	7692292	69	-56	333	204	DD
HEDD302	Brolga	91.0	115.5	24.5	2.5	649183	7692292	69	-56	333	204	DD
incl	Brolga	94.2	107.0	12.8	3.8	649183	7692292	69	-56	333	204	DD
HEDD302	Brolga	124.8	128.8	4.0	0.6	649183	7692292	69	-56	333	204	DD
HEDD302	Brolga	135.0	150.0	15.0	1.2	649183	7692292	69	-56	333	204	DD
HEDD302	Brolga	157.7	159.8	2.1	2.6	649183	7692292	69	-56	333	204	DD
HEDD302	Brolga	166.5	175.0	8.5	1.3	649183	7692292	69	-56	333	204	DD
HEDD302	Brolga	191.0	194.5	3.5	1.5	649183	7692292	69	-56	333	204	DD
HERC601D	Brolga	265.0	269.0	4.0	0.7	649307	7691755	69	-60	326	638	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
HERC601D	Brolga	341.0	345.0	4.0	1.2	649307	7691755	69	-60	326	638	DD
HERC601D	Brolga	358.0	360.1	2.1	1.3	649307	7691755	69	-60	326	638	DD
HERC601D	Brolga	385.0	387.0	2.0	1.1	649307	7691755	69	-60	326	638	DD
HERC601D	Brolga	454.0	463.0	9.0	0.5	649307	7691755	69	-60	326	638	DD
HERC601D	Brolga	466.0	475.0	9.0	0.5	649307	7691755	69	-60	326	638	DD
HERC601D	Brolga	477.0	481.0	4.0	0.5	649307	7691755	69	-60	326	638	DD
HERC601D	Brolga	511.0	523.0	12.0	0.7	649307	7691755	69	-60	326	638	DD
HERC601D	Brolga	556.0	561.0	5.0	0.8	649307	7691755	69	-60	326	638	DD
HERC601D	Brolga	566.0	569.0	3.0	0.8	649307	7691755	69	-60	326	638	DD
HERC602D	Brolga	279.0	281.0	2.0	1.4	649346	7691685	70	-60	329	720	DD
HERC602D	Brolga	495.9	512.0	16.1	0.5	649346	7691685	70	-60	329	720	DD
HERC602D	Brolga	695.8	704.7	8.9	1.5	649346	7691685	70	-60	329	720	DD
HMRC054	Brolga	33.0	57.0	24.0	0.9	649199	7692339	68	-56	331	234	RC
HMRC054	Brolga	81.0	83.0	2.0	1.5	649199	7692339	68	-56	331	234	RC
HMRC054	Brolga	88.0	139.0	51.0	3.8	649199	7692339	68	-56	331	234	RC
incl	Brolga	117.0	135.0	18.0	5.3	649199	7692339	68	-56	331	234	RC
HMRC054	Brolga	148.0	154.0	6.0	2.0	649199	7692339	68	-56	331	234	RC
HMRC054	Brolga	181.0	202.0	21.0	1.2	649199	7692339	68	-56	331	234	RC
HMRC055	Brolga	44.0	48.0	4.0	0.7	649240	7692270	69	-56	331	262	RC
HMRC055	Brolga	53.0	146.0	93.0	1.6	649240	7692270	69	-56	331	262	RC
incl	Brolga	132.0	136.0	4.0	4.9	649240	7692270	69	-56	331	262	RC
HMRC055	Brolga	158.0	165.0	7.0	0.7	649240	7692270	69	-56	331	262	RC
HMRC055	Brolga	194.0	217.0	23.0	1.3	649240	7692270	69	-56	331	262	RC
incl	Brolga	199.0	202.0	3.0	4.5	649240	7692270	69	-56	331	262	RC
HMRC055	Brolga	222.0	235.0	13.0	0.6	649240	7692270	69	-56	331	262	RC
HMRC057	Brolga	140.0	142.0	2.0	1.3	649196	7691787	70	-64	329	216	RC
HMRC057	Brolga	196.0	210.0	14.0	0.8	649196	7691787	70	-64	329	216	RC
HMRC061	Brolga	38.0	42.0	4.0	1.4	649456	7692535	69	-56	331	162	RC
HMRC061	Brolga	60.0	65.0	5.0	0.5	649456	7692535	69	-56	331	162	RC
HMRC062	Brolga	45.0	51.0	6.0	0.9	649477	7692499	69	-56	331	210	RC
HMRC063	Brolga	65.0	97.0	32.0	0.8	649496	7692465	69	-55	333	240	RC
HMRC063	Brolga	117.0	122.0	5.0	1.6	649496	7692465	69	-55	333	240	RC
HMRC063	Brolga	134.0	142.0	8.0	1.2	649496	7692465	69	-55	333	240	RC
HMRC064	Brolga	103.0	113.0	10.0	0.8	649517	7692430	69	-55	329	162	RC
HMRC065	Brolga	100.0	137.0	37.0	1.4	649288	7692279	69	-80	328	252	RC
incl	Brolga	131.0	134.0	3.0	5.2	649288	7692279	69	-80	328	252	RC
HMRC065	Brolga	144.0	174.0	30.0	1.9	649288	7692279	69	-80	328	252	RC
incl	Brolga	159.0	166.0	7.0	4.2	649288	7692279	69	-80	328	252	RC
HMRC065	Brolga	186.0	189.0	3.0	0.9	649288	7692279	69	-80	328	252	RC
HMRC065	Brolga	194.0	198.0	4.0	1.9	649288	7692279	69	-80	328	252	RC
HMRC065	Brolga	207.0	221.0	14.0	1.8	649288	7692279	69	-80	328	252	RC
incl	Brolga	217.0	219.0	2.0	5.4	649288	7692279	69	-80	328	252	RC
HMRC066	Brolga	49.0	52.0	3.0	1.3	649349	7692151	69	-58	330	252	RC
HMRC066	Brolga	156.0	162.0	6.0	1.1	649349	7692151	69	-58	330	252	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
HMRC066	Brolga	214.0	250.0	36.0	1.9	649349	7692151	69	-58	330	252	RC
incl	Brolga	214.0	226.0	12.0	3.5	649349	7692151	69	-58	330	252	RC
HMRC067	Brolga	72.0	73.0	1.0	2.5	649128	7691747	70	-56	329	282	RC
HMRC067	Brolga	105.0	106.0	1.0	7.9	649128	7691747	70	-56	329	282	RC
HMRC067	Brolga	204.0	214.0	10.0	1.3	649128	7691747	70	-56	329	282	RC
HMRC067	Brolga	238.0	240.0	2.0	1.1	649128	7691747	70	-56	329	282	RC
HMRC128	Brolga	54.0	59.0	5.0	1.5	648999	7692042	69	-55	329	204	RC
HMRC128	Brolga	171.0	173.0	2.0	2.0	648999	7692042	69	-55	329	204	RC
HMRC129	Brolga	40.0	44.0	4.0	2.2	649020	7692008	69	-55	329	234	RC
HMRC129	Brolga	62.0	68.0	6.0	1.2	649020	7692008	69	-55	329	234	RC
HMRC129	Brolga	106.0	110.0	4.0	2.4	649020	7692008	69	-55	329	234	RC
HMRC130	Brolga	70.0	82.0	12.0	0.8	649041	7691974	69	-55	329	204	RC
HMRC130	Brolga	114.0	143.0	29.0	2.2	649041	7691974	69	-55	329	204	RC
incl	Brolga	121.0	122.0	1.0	39.8	649041	7691974	69	-55	329	204	RC
HMRC131	Brolga	112.0	118.0	6.0	3.4	649060	7691940	69	-55	329	252	RC
HMRC131	Brolga	124.0	129.0	5.0	0.9	649060	7691940	69	-55	329	252	RC
HMRC131	Brolga	134.0	137.0	3.0	0.9	649060	7691940	69	-55	329	252	RC
HMRC131	Brolga	144.0	145.0	1.0	5.0	649060	7691940	69	-55	329	252	RC
HMRC131	Brolga	152.0	162.0	10.0	1.3	649060	7691940	69	-55	329	252	RC
HMRC131	Brolga	174.0	175.0	1.0	4.9	649060	7691940	69	-55	329	252	RC
HMRC131	Brolga	212.0	232.0	20.0	5.1	649060	7691940	69	-55	329	252	RC
incl	Brolga	214.0	221.0	7.0	12.9	649060	7691940	69	-55	329	252	RC
HMRC132	Brolga	81.0	82.0	1.0	2.7	649082	7691905	69	-55	329	252	RC
HMRC132	Brolga	103.0	106.0	3.0	0.7	649082	7691905	69	-55	329	252	RC
HMRC132	Brolga	160.0	173.0	13.0	0.6	649082	7691905	69	-55	329	252	RC
HMRC133	Brolga	95.0	98.0	3.0	1.8	649103	7691871	70	-55	329	252	RC
HMRC133	Brolga	103.0	106.0	3.0	3.5	649103	7691871	70	-55	329	252	RC
HMRC133	Brolga	140.0	144.0	4.0	1.4	649103	7691871	70	-55	329	252	RC
HMRC133	Brolga	155.0	156.0	1.0	4.3	649103	7691871	70	-55	329	252	RC
HMRC133	Brolga	193.0	195.0	2.0	1.1	649103	7691871	70	-55	329	252	RC
HMRC133	Brolga	210.0	215.0	5.0	1.5	649103	7691871	70	-55	329	252	RC
HMRC133	Brolga	234.0	238.0	4.0	1.0	649103	7691871	70	-55	329	252	RC
HMRC134	Brolga	152.0	155.0	3.0	1.5	649122	7691837	70	-55	329	300	RC
HMRC134	Brolga	287.0	288.0	1.0	5.0	649122	7691837	70	-55	329	300	RC
HMRC135	Brolga	184.0	190.0	6.0	1.0	649143	7691802	70	-55	331	234	RC
HMRC136	Brolga	268.0	271.0	3.0	1.0	649163	7691768	70	-55	329	342	RC
HMRC136	Brolga	285.0	294.0	9.0	0.8	649163	7691768	70	-55	329	342	RC
HMRC137	Brolga	147.0	148.0	1.0	6.6	649183	7691733	70	-55	329	156	RC
HMRC138	Brolga	49.0	52.0	3.0	1.0	649167	7691995	69	-56	333	216	RC
HMRC138	Brolga	70.0	72.0	2.0	1.2	649167	7691995	69	-56	333	216	RC
HMRC138	Brolga	84.0	88.0	4.0	0.6	649167	7691995	69	-56	333	216	RC
HMRC138	Brolga	106.0	196.0	90.0	1.1	649167	7691995	69	-56	333	216	RC
incl	Brolga	144.0	146.0	2.0	4.5	649167	7691995	69	-56	333	216	RC
HMRC139	Brolga	36.0	55.0	19.0	3.7	649130	7692301	69	-56	332	162	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	42.0	52.0	10.0	6.1	649130	7692301	69	-56	332	162	RC
HMRC139	Brolga	68.0	100.0	32.0	1.9	649130	7692301	69	-56	332	162	RC
incl	Brolga	72.0	78.0	6.0	3.6	649130	7692301	69	-56	332	162	RC
incl	Brolga	85.0	87.0	2.0	6.8	649130	7692301	69	-56	332	162	RC
HMRC140	Brolga	45.0	58.0	13.0	1.8	649170	7692230	69	-55	331	276	RC
HMRC140	Brolga	69.0	111.0	42.0	1.3	649170	7692230	69	-55	331	276	RC
HMRC140	Brolga	120.0	132.0	12.0	1.6	649170	7692230	69	-55	331	276	RC
incl	Brolga	127.0	130.0	3.0	3.4	649170	7692230	69	-55	331	276	RC
HMRC140	Brolga	137.0	172.0	35.0	1.1	649170	7692230	69	-55	331	276	RC
HMRC140	Brolga	187.0	198.0	11.0	0.9	649170	7692230	69	-55	331	276	RC
HMRC141	Brolga	45.0	54.0	9.0	1.0	649209	7692160	69	-56	329	246	RC
HMRC141	Brolga	63.0	148.0	85.0	1.3	649209	7692160	69	-56	329	246	RC
incl	Brolga	142.0	146.0	4.0	3.7	649209	7692160	69	-56	329	246	RC
HMRC141	Brolga	155.0	170.0	15.0	0.9	649209	7692160	69	-56	329	246	RC
HMRC141	Brolga	175.0	185.0	10.0	0.6	649209	7692160	69	-56	329	246	RC
HMRC141	Brolga	222.0	225.0	3.0	0.8	649209	7692160	69	-56	329	246	RC
HMRC142	Brolga	86.0	114.0	28.0	1.2	649231	7692127	69	-56	326	252	RC
HMRC142	Brolga	130.0	190.0	60.0	1.4	649231	7692127	69	-56	326	252	RC
incl	Brolga	147.0	150.0	3.0	4.0	649231	7692127	69	-56	326	252	RC
HMRC142	Brolga	249.0	252.0	3.0	0.8	649231	7692127	69	-56	326	252	RC
HMRC214D	Brolga	204.0	215.0	11.0	1.4	649190	7692197	69	-55	328	331	DD
HMRC214D	Brolga	232.0	236.0	4.0	0.6	649190	7692197	69	-55	328	331	DD
HMRC214D	Brolga	241.0	249.0	8.0	0.6	649190	7692197	69	-55	328	331	DD
HMRC243D	Brolga	68.0	83.0	15.0	0.5	649241	7691952	69	-55	337	186	RC
HMRC244	Brolga	96.0	102.0	6.0	1.7	649260	7691917	70	-55	329	273	RC
HMRC244	Brolga	111.0	118.0	7.0	0.6	649260	7691917	70	-55	329	273	RC
HMRC244	Brolga	168.0	176.0	8.0	0.6	649260	7691917	70	-55	329	273	RC
HMRC244	Brolga	184.0	190.0	6.0	1.2	649260	7691917	70	-55	329	273	RC
HMRC244	Brolga	196.0	208.0	12.0	1.0	649260	7691917	70	-55	329	273	RC
HMRC244	Brolga	222.0	226.0	4.0	0.6	649260	7691917	70	-55	329	273	RC
HMRC244	Brolga	266.0	273.0	7.0	0.7	649260	7691917	70	-55	329	273	RC
HMRC248	Brolga	112.0	114.0	2.0	2.3	649193	7691877	70	-55	333	228	RC
HMRC248	Brolga	146.0	149.0	3.0	3.2	649193	7691877	70	-55	333	228	RC
HMRC248	Brolga	173.0	191.0	18.0	0.7	649193	7691877	70	-55	333	228	RC
HMRC248	Brolga	206.0	222.0	16.0	1.3	649193	7691877	70	-55	333	228	RC
HMRC249	Brolga	151.0	160.0	9.0	0.9	649212	7691843	70	-55	333	191	RC
HMRC292	Brolga	85.0	87.0	2.0	1.5	649396	7692316	69	-56	330	234	RC
HMRC292	Brolga	132.0	134.0	2.0	2.2	649396	7692316	69	-56	330	234	RC
HMRC292	Brolga	149.0	156.0	7.0	1.2	649396	7692316	69	-56	330	234	RC
HMRC292	Brolga	188.0	207.0	19.0	2.1	649396	7692316	69	-56	330	234	RC
incl	Brolga	194.0	200.0	6.0	4.3	649396	7692316	69	-56	330	234	RC
HMRC293	Brolga	51.0	52.0	1.0	5.7	649417	7692280	69	-57	333	264	RC
HMRC293	Brolga	154.0	161.0	7.0	0.6	649417	7692280	69	-57	333	264	RC
HMRC293	Brolga	230.0	243.0	13.0	0.7	649417	7692280	69	-57	333	264	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
HMRC294	Brolga	72.0	79.0	7.0	1.1	649436	7692246	69	-56	333	168	RC
HMRC294	Brolga	126.0	130.0	4.0	0.9	649436	7692246	69	-56	333	168	RC
HMRC296	Brolga	108.0	116.0	8.0	0.6	649375	7692271	69	-59	332	258	RC
HMRC296	Brolga	150.0	156.0	6.0	0.6	649375	7692271	69	-59	332	258	RC
HMRC296	Brolga	167.0	202.0	35.0	0.9	649375	7692271	69	-59	332	258	RC
HMRC297D	Brolga	176.0	181.0	5.0	1.1	649369	7692206	69	-56	328	300	DD
HMRC297D	Brolga	187.0	202.0	15.0	0.6	649369	7692206	69	-56	328	300	DD
HMRC297D	Brolga	210.0	214.1	4.1	2.7	649369	7692206	69	-56	328	300	DD
HMRC297D	Brolga	226.0	243.8	17.8	2.4	649369	7692206	69	-56	328	300	DD
incl	Brolga	231.0	234.2	3.2	6.6	649369	7692206	69	-56	328	300	DD
HMRC298	Brolga	42.0	44.0	2.0	2.8	649249	7692092	69	-56	331	252	RC
HMRC298	Brolga	84.0	100.0	16.0	0.7	649249	7692092	69	-56	331	252	RC
HMRC298	Brolga	114.0	192.0	78.0	0.9	649249	7692092	69	-56	331	252	RC
HMRC298	Brolga	197.0	208.0	11.0	1.5	649249	7692092	69	-56	331	252	RC
HMRC298	Brolga	237.0	250.0	13.0	0.8	649249	7692092	69	-56	331	252	RC
HMRC299D	Brolga	53.0	59.0	6.0	0.7	649270	7692057	69	-56	329	505	RC
HMRC299D	Brolga	88.0	92.0	4.0	2.1	649270	7692057	69	-56	329	505	RC
HMRC299D	Brolga	146.0	149.0	3.0	0.8	649270	7692057	69	-56	329	505	RC
HMRC299D	Brolga	165.0	188.0	23.0	1.4	649270	7692057	69	-56	329	505	RC
HMRC300	Brolga	39.0	40.0	1.0	2.0	649290	7692022	69	-56	328	252	RC
HMRC300	Brolga	183.0	245.0	62.0	1.7	649290	7692022	69	-56	328	252	RC
incl	Brolga	186.0	196.0	10.0	4.3	649290	7692022	69	-56	328	252	RC
HMRC301D	Brolga	88.0	91.0	3.0	0.7	649310	7691988	69	-55	326	547	RC
HMRC302	Brolga	60.0	68.0	8.0	2.3	649330	7691953	70	-55	327	240	RC
HMRC302	Brolga	184.0	187.0	3.0	1.9	649330	7691953	70	-55	327	240	RC
HMRC302	Brolga	227.0	228.0	1.0	2.0	649330	7691953	70	-55	327	240	RC
HMRC303	Brolga	48.0	62.0	14.0	0.5	649388	7692171	69	-56	330	318	RC
HMRC303	Brolga	124.0	125.0	1.0	2.0	649388	7692171	69	-56	330	318	RC
HMRC303	Brolga	151.0	154.0	3.0	0.8	649388	7692171	69	-56	330	318	RC
HMRC303	Brolga	243.0	258.0	15.0	4.0	649388	7692171	69	-56	330	318	RC
HMRC304	Brolga	51.0	54.0	3.0	1.1	649352	7692146	69	-55	329	60	RC
HMRC305	Brolga	85.0	96.0	11.0	2.1	649361	7691976	69	-60	331	204	RC
incl	Brolga	95.0	96.0	1.0	12.0	649361	7691976	69	-60	331	204	RC
HMRC305	Brolga	118.0	123.0	5.0	1.6	649361	7691976	69	-60	331	204	RC
HMRC305	Brolga	133.0	139.0	6.0	2.7	649361	7691976	69	-60	331	204	RC
HMRC307	Brolga	60.0	62.0	2.0	1.6	649387	7692495	69	-56	330	150	RC
HMRC309	Brolga	177.0	178.0	1.0	2.6	649428	7692425	69	-56	330	210	RC
HMRC310	Brolga	44.0	50.0	6.0	1.8	649447	7692390	69	-55	332	222	RC
HMRC310	Brolga	76.0	78.0	2.0	9.8	649447	7692390	69	-55	332	222	RC
incl	Brolga	76.0	77.0	1.0	18.4	649447	7692390	69	-55	332	222	RC
HMRC312	Brolga	113.0	115.0	2.0	2.8	649488	7692321	69	-56	332	150	RC
HMRC313	Brolga	202.0	206.0	4.0	4.8	648965	7691950	70	-57	328	234	RC
incl	Brolga	202.0	204.0	2.0	8.9	648965	7691950	70	-57	328	234	RC
HMRC314	Brolga	98.0	100.0	2.0	1.1	649002	7691881	70	-55	329	300	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
HMRC314	Brolga	158.0	164.0	6.0	4.2	649002	7691881	70	-55	329	300	RC
HMRC314	Brolga	200.0	202.0	2.0	3.8	649002	7691881	70	-55	329	300	RC
HMRC315	Brolga	185.0	190.0	5.0	5.9	649041	7691812	70	-55	329	300	RC
HMRC315	Brolga	225.0	230.0	5.0	10.9	649041	7691812	70	-55	329	300	RC
incl	Brolga	225.0	228.0	3.0	17.1	649041	7691812	70	-55	329	300	RC
HMRC315	Brolga	246.0	250.0	4.0	1.8	649041	7691812	70	-55	329	300	RC
HMRC352	Brolga	105.0	107.0	2.0	1.6	649027	7692151	69	-57	330	144	RC
HERC712	Brolga S	36.0	46.0	10.0	0.9	649479	7690840	71	-54	272	252	RC
HERC713	Brolga S	40.0	41.0	1.0	2.5	649559	7690841	71	-55	268	246	RC
HERC713	Brolga S	61.0	64.0	3.0	1.6	649559	7690841	71	-55	268	246	RC
HERC713	Brolga S	105.0	113.0	8.0	0.5	649559	7690841	71	-55	268	246	RC
HERC714	Brolga S	206.0	208.0	2.0	1.3	649639	7690841	71	-55	269	252	RC
HERC715	Brolga S	61.0	63.0	2.0	1.2	649448	7690680	71	-55	268	259	RC
HERC715	Brolga S	131.0	137.0	6.0	0.7	649448	7690680	71	-55	268	259	RC
HERC716	Brolga S	94.0	96.0	2.0	1.2	649528	7690680	71	-55	270	258	RC
HERC716	Brolga S	119.0	122.0	3.0	1.0	649528	7690680	71	-55	270	258	RC
HERC716	Brolga S	153.0	158.0	5.0	0.6	649528	7690680	71	-55	270	258	RC
HERC716	Brolga S	165.0	172.0	7.0	0.8	649528	7690680	71	-55	270	258	RC
HERC716	Brolga S	221.0	222.0	1.0	2.7	649528	7690680	71	-55	270	258	RC
HERC716	Brolga S	229.0	231.0	2.0	3.7	649528	7690680	71	-55	270	258	RC
HERC727	Brolga S	176.0	178.0	2.0	2.1	649519	7690520	72	-55	273	252	RC
HERC728	Brolga S	172.0	181.0	9.0	0.6	649599	7690520	72	-56	273	252	RC
HERC728	Brolga S	191.0	195.0	4.0	1.2	649599	7690520	72	-56	273	252	RC
HERC729	Brolga S	210.0	216.0	6.0	0.6	649679	7690521	72	-55	272	252	RC

**Table 2: Selected Intercepts - 0.3g/t Au lower cut, 10m maximum internal waste, >20gm**

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
HEDD018	Brolga	36.8	54.3	17.4	3.5	649228	7692449	68	-55	331	121	DD
HEDD019	Brolga	176.6	198.3	21.7	1.5	649256	7692001	69	-56	331	345	DD
HEDD022	Brolga	44.0	169.0	125.0	1.3	649184	7692125	69	-58	331	417	DD
HEDD217	Brolga	62.7	106.0	43.3	0.9	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	120.0	195.0	75.0	1.1	649260	7692234	69	-56	330	350	DD
HEDD217	Brolga	303.0	322.3	19.3	1.3	649260	7692234	69	-56	330	350	DD
HEDD218	Brolga	40.0	233.0	193.0	1.7	649281	7692199	69	-55	331	375	DD
HEDD218	Brolga	249.0	262.5	13.5	2.1	649281	7692199	69	-55	331	375	DD
HEDD300	Brolga	45.0	114.0	69.0	2.2	649146	7692193	69	-56	329	210	DD
HEDD302	Brolga	35.7	175.9	140.2	1.3	649183	7692292	69	-56	333	204	DD
HERC601D	Brolga	443.0	578.9	135.9	0.3	649307	7691755	69	-60	326	638	DD
HMRC054	Brolga	33.0	156.0	123.0	1.9	649199	7692339	68	-56	331	234	RC
HMRC054	Brolga	181.0	202.0	21.0	1.2	649199	7692339	68	-56	331	234	RC
HMRC055	Brolga	38.0	174.0	136.0	1.2	649240	7692270	69	-56	331	262	RC
HMRC055	Brolga	185.0	238.0	53.0	0.8	649240	7692270	69	-56	331	262	RC
HMRC063	Brolga	55.0	97.0	42.0	0.6	649496	7692465	69	-55	333	240	RC
HMRC065	Brolga	94.0	222.0	128.0	1.2	649288	7692279	69	-80	328	252	RC
HMRC066	Brolga	214.0	250.0	36.0	1.9	649349	7692151	69	-58	330	252	RC
HMRC130	Brolga	105.0	143.0	38.0	1.7	649041	7691974	69	-55	329	204	RC
HMRC131	Brolga	106.0	162.0	56.0	0.9	649060	7691940	69	-55	329	252	RC
HMRC131	Brolga	212.0	232.0	20.0	5.1	649060	7691940	69	-55	329	252	RC
HMRC138	Brolga	100.0	210.0	110.0	0.9	649167	7691995	69	-56	333	216	RC
HMRC139	Brolga	36.0	108.0	72.0	1.9	649130	7692301	69	-56	332	162	RC
HMRC140	Brolga	45.0	198.0	153.0	1.0	649170	7692230	69	-55	331	276	RC
HMRC141	Brolga	45.0	192.0	147.0	1.0	649209	7692160	69	-56	329	246	RC
HMRC142	Brolga	62.0	216.0	154.0	0.9	649231	7692127	69	-56	326	252	RC
HMRC214D	Brolga	44.0	192.0	148.0	1.0	649190	7692197	69	-55	328	331	RC
HMRC244	Brolga	92.0	142.0	50.0	0.4	649260	7691917	70	-55	329	273	RC
HMRC244	Brolga	166.0	209.0	43.0	0.6	649260	7691917	70	-55	329	273	RC
HMRC248	Brolga	163.0	222.0	59.0	0.6	649193	7691877	70	-55	333	228	RC
HMRC292	Brolga	188.0	207.0	19.0	2.1	649396	7692316	69	-56	330	234	RC
HMRC296	Brolga	149.0	204.0	55.0	0.7	649375	7692271	69	-59	332	258	RC
HMRC297D	Brolga	176.0	254.0	78.0	1.0	649369	7692206	69	-56	328	300	DD
HMRC298	Brolga	114.0	208.0	94.0	1.0	649249	7692092	69	-56	331	252	RC
HMRC299D	Brolga	165.0	188.0	23.0	1.4	649270	7692057	69	-56	329	505	RC
HMRC300	Brolga	176.0	245.0	69.0	1.5	649290	7692022	69	-56	328	252	RC
HMRC303	Brolga	242.0	258.0	16.0	3.7	649388	7692171	69	-56	330	318	RC
HMRC305	Brolga	85.0	159.0	74.0	0.8	649361	7691976	69	-60	331	204	RC
HMRC310	Brolga	44.0	78.0	34.0	1.0	649447	7692390	69	-55	332	222	RC
HMRC314	Brolga	158.0	202.0	44.0	0.9	649002	7691881	70	-55	329	300	RC
HMRC315	Brolga	185.0	190.0	5.0	5.9	649041	7691812	70	-55	329	300	RC
HMRC315	Brolga	207.0	230.0	23.0	2.4	649041	7691812	70	-55	329	300	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
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>All drilling and sampling was undertaken in an industry standard manner</li> <li>Core samples were collected with a diamond rig drilling mainly NQ2 diameter core.</li> <li>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.</li> <li>Sample weights ranged from 2-4kg</li> <li>RC holes were sampled on a 1m basis with samples collected from a cone splitter mounted on the drill rig cyclone. 1m sample ranges from a typical 2.5-3.5kg</li> <li>Aircore samples were collected by spear from 1m sample piles and composited over 4m intervals. Samples for selected holes were collected on a 1m basis by spear from 1m sample piles. Sample weights ranges from around 1-3kg.</li> <li>The independent laboratory pulverises the entire sample for analysis as described below.</li> <li>Industry prepared independent standards are inserted approximately 1 in 20 samples.</li> <li>The independent laboratory then takes the samples which are dried, split, crushed and pulverized prior to analysis as described below.</li> <li>Sample sizes are considered appropriate for the material sampled.</li> <li>The samples are considered representative and appropriate for this type of drilling. Diamond core and RC samples are appropriate for use in a resource estimate.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>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.).</li> </ul>	<ul style="list-style-type: none"> <li>Diamond core diameters are - NQ2 (51mm), HQ3 (61mm), PQ (85mm).</li> <li>Reverse Circulation (RC) holes were drilled with a 5 1/2-inch bit and face sampling hammer.</li> <li>Aircore holes were drilled with an 83mm diameter blade bit.</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>RC and aircore samples were visually assessed for recovery.</li> <li>Samples are considered representative with generally good recovery. Deeper RC and</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p>aircore holes encountered water, with some intervals having less than optimal recovery and possible contamination.</p> <ul style="list-style-type: none"> <li>No sample bias is observed.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i></li> <li><i>The total length and percentage of the relevant intersections logged.</i></li> </ul>	<ul style="list-style-type: none"> <li>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</li> <li>RC and diamond sample results are appropriate for use in a resource estimation, except where sample recovery is poor.</li> <li>The aircore results provide a good indication of mineralisation but are not used in resource estimation.</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li><i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i></li> <li><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li><i>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.</i></li> <li><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>Aircore samples were collected by spear from 1m sample piles and composited over 4m intervals. Samples for selected holes were collected on a 1m basis by spear from 1m sample piles.</li> <li>Industry prepared independent standards are inserted approximately 1 in 20 samples.</li> <li>Each sample was dried, split, crushed and pulverised.</li> <li>Sample sizes are considered appropriate for the material sampled.</li> <li>The samples are considered representative and appropriate for this type of drilling</li> <li>Core and RC samples are appropriate for use in a resource estimate.</li> <li>Aircore samples are generally of good quality and appropriate for delineation of geochemical trends but are not generally used in resource estimates.</li> </ul>



Criteria	JORC Code explanation	Commentary
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li><i>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.</i></li> <li><i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>The samples were submitted to a commercial independent laboratory in Perth, Australia.</li> <li>For diamond core and RC samples Au was analysed by a 50g charge Fire assay fusion technique with an AAS finish and multi-elements by ICPAES and ICPMS</li> <li>Aircore samples were analysed for Au using 25g aqua regia extraction with ICPMS finish and multi-elements by ICPAES and ICPMS using aqua regia digestion</li> <li>The techniques are considered quantitative in nature.</li> <li>As discussed previously certified reference standards were inserted by the Company and the laboratory also carries out internal standards in individual batches</li> <li>The standards and duplicates were considered satisfactory</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li><i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li><i>The use of twinned holes.</i></li> <li><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li><i>Discuss any adjustment to assay data.</i></li> </ul>	<ul style="list-style-type: none"> <li>Sample results have been merged by the company's database consultants.</li> <li>Results have been uploaded into the company database, checked and verified.</li> <li>No adjustments have been made to the assay data.</li> <li>Results are reported on a length weighted basis.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Specification of the grid system used.</i></li> <li><i>Quality and adequacy of topographic control.</i></li> </ul>	<ul style="list-style-type: none"> <li>Diamond and RC drill hole collar locations are located by DGPS to an accuracy of +/-10cm.</li> <li>Aircore hole collar locations are located by DGPS to an accuracy of +/-10cm., or by handheld GPS to an accuracy of 3m.</li> <li>Locations are given in GDA94 zone 50 projection</li> <li>Diagrams and location table are provided in the report</li> <li>Topographic control is by detailed airphoto and Differential GPS data.</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li><i>Data spacing for reporting of Exploration Results.</i></li> <li><i>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.</i></li> <li><i>Whether sample compositing has been applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>Drill spacing varies from 40m x 40m to 320m x 80m.</li> <li>All holes have been geologically logged and provide a strong basis for geological control and continuity of mineralisation.</li> <li>Data spacing and distribution of RC and diamond drilling is sufficient to provide support for the results to be used in a resource estimate.</li> <li>Sample compositing has not been applied except in reporting of drill intercepts, as described in this Table</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li><i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>The drilling is believed to be approximately perpendicular to the strike of mineralisation where known and therefore the sampling is considered representative of the mineralised zone.</li> <li>In some cases, drilling is not at right angles to the dip of mineralised structures and as such true widths are less than downhole widths.</li> </ul>

Criteria	JORC Code explanation	Commentary
		This is allowed for when geological interpretations are completed.
<b>Sample security</b>	<ul style="list-style-type: none"> <li><i>The measures taken to ensure sample security.</i></li> </ul>	<ul style="list-style-type: none"> <li>Samples were collected by company personnel and delivered direct to the laboratory via a transport contractor.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>No audits have been completed. Review of QAQC data has been carried out by database consultants and company geologists.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>Drilling occurs on various tenements held by De Grey Mining Ltd or its 100% owned subsidiaries.</li> <li>The Hemi Prospect is approximately 60km SSW of Port Hedland.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li><i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>	<ul style="list-style-type: none"> <li>The tenements have had various levels of previous surface geochemical sampling and wide spaced aircore and RAB drilling by De Grey Mining. Limited previous RC drilling was carried out at the Scooby Prospect. Airborne aeromagnetics/radiometrics has been flown previously.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li><i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>The mineralisation style is not well understood to date but is thought to be hydrothermally emplaced gold mineralisation within structures and intrusions. Host rocks comprise igneous rocks intruding Mallina Basin metasediments. Style is similar to some other Western Australian gold deposits.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li><i>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:</i></li> <li><i>easting and northing of the drill hole collar</i></li> <li><i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li><i>dip and azimuth of the hole</i></li> <li><i>down hole length and interception depth</i></li> <li><i>hole length.</i></li> <li><i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>Drill hole location and directional information provide in the report.</li> </ul>

<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>• 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.</li> <li>• The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>• Results are reported to a minimum cutoff grade of 0.5g/t gold with an internal dilution of 4m maximum.</li> <li>• Higher grade intervals included in the above intercepts are reported at a 3g/t Au lower cut with an internal dilution of 2m maximum.</li> <li>• Wider intervals are aggregated using a 0.3g/t Au lower cut with an internal dilution of 10m maximum. Selected results over 20 gram x metres are reported using this method.</li> <li>• Intercepts are length weighted averaged.</li> <li>• No maximum cuts have been made.</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>• These relationships are particularly important in the reporting of Exploration Results.</li> <li>• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>• 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').</li> </ul>	<ul style="list-style-type: none"> <li>• The drill holes are interpreted to be approximately perpendicular to the strike of mineralisation.</li> <li>• Drilling is not always perpendicular to the dip of mineralisation and true widths are less than downhole widths. Estimates of true widths will only be possible when all results are received, and final geological interpretations have been completed.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• Plans and sections are provided in the report.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• All drill collar locations are shown in figures and all significant results are provided in this report.</li> <li>• The report is considered balanced and provided in context.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• Various phases of metallurgical test work are underway, with results to date reported in ASX releases. Geotechnical, groundwater, waste rock characteristics and other studies are underway.</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>• The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>• Follow up aircore drilling will be undertaken to test for strike extensions to mineralisation.</li> <li>• Programs of follow up RC and diamond drilling aimed at extending resources at depth and laterally are underway.</li> </ul>