

Significant Drilling Results Below Heffernans Open Pit as Part of Jupiter Resource Extension Program

HIGHLIGHTS

- The Jupiter extension drilling program completed from the base of the Heffernans open pit has confirmed high grade mineralisation immediately below the open pit workings
 - Significant intersections include ¹:
 - Drillhole HFRD_inpit_0016:
 - **73m @ 3.2g/t from 124m** including
 - 28m @ 4.6g/t from 169m, and
 - 28m @ 3.2g/t from 124m
 - Drillhole HFRD_inpit_0017:
 - **77m @ 1.4g/t from 123m** including
 - 15m @ 3.7g/t from 164m
 - Drillhole HFRD_inpit_0014:
 - **81m @ 1.3g/t from 92m** including
 - 7m @ 6.2g/t from 92m

Dacian Gold Limited (**Dacian or the Company**) (ASX: DCN) is pleased to report the latest intersections below the Heffernans open pit within the Jupiter mining complex in its next phase of drilling activities at the Jupiter extension program. These drilling results confirm the potential for mineralisation of significant width and scale at depth and along strike associated with the syenite intrusive system at the Mt Morgans Gold Operation.

CEO Dale Richards commented: “We are thrilled with the latest drilling results which continue to support the expansion models for the extensive Jupiter mineralised system. Systematic exploration drilling of the Jupiter system continues to deliver consistent, wide intercepts of gold mineralisation from immediately below the existing open pits, along strike, and to depths exceeding 400m below surface. Drilling is planned to test the continuity of mineralisation through the Saddle structural zone during H1FY23.”

¹ For a Table of all intercepts see Appendix 1

Jupiter Drilling Results

These results follow the earlier successful drilling from the Jupiter extension program, with wide mineralisation confirmed immediately below the base of the Heffernans open pit. (See ASX announcements 25 October 2021, 21 December 2021, 18 January 2022, 7 March 2022, 4 April 2022 and 17 June 2022).

At Heffernans the following drill intercepts were recorded:

- Drillhole HFRD_inpit_0016:
 - 73m @ 3.2 g/t from 124m including
 - 28m @ 4.6g/t from 169m
 - 28m @ 3.2 g/t from 124m
 - Drillhole HFRD_inpit_0017:
 - 77m @ 1.4 g/t from 123m including
 - 15m @ 3.7 g/t from 164m
 - Drillhole HFRD_inpit_0014:
 - 81m @ 1.3 g/t from 92m including
 - 7m @ 6.2 g/t from 92m
 - Drillhole HFRD_inpit_0013:
 - 65m @ 1.5 g/t from 95m including
 - 21m @ 2.4 g/t from 139m
 - Drillhole HFRD_inpit_0020:
 - 3m @ 19.8 g/t from 168m
-
- Drilling of the Jupiter extension program is continuing, and is designed to test the potential for bulk mineralisation across the full strike extent of the Jupiter syenite system to a depth of ~400m below surface

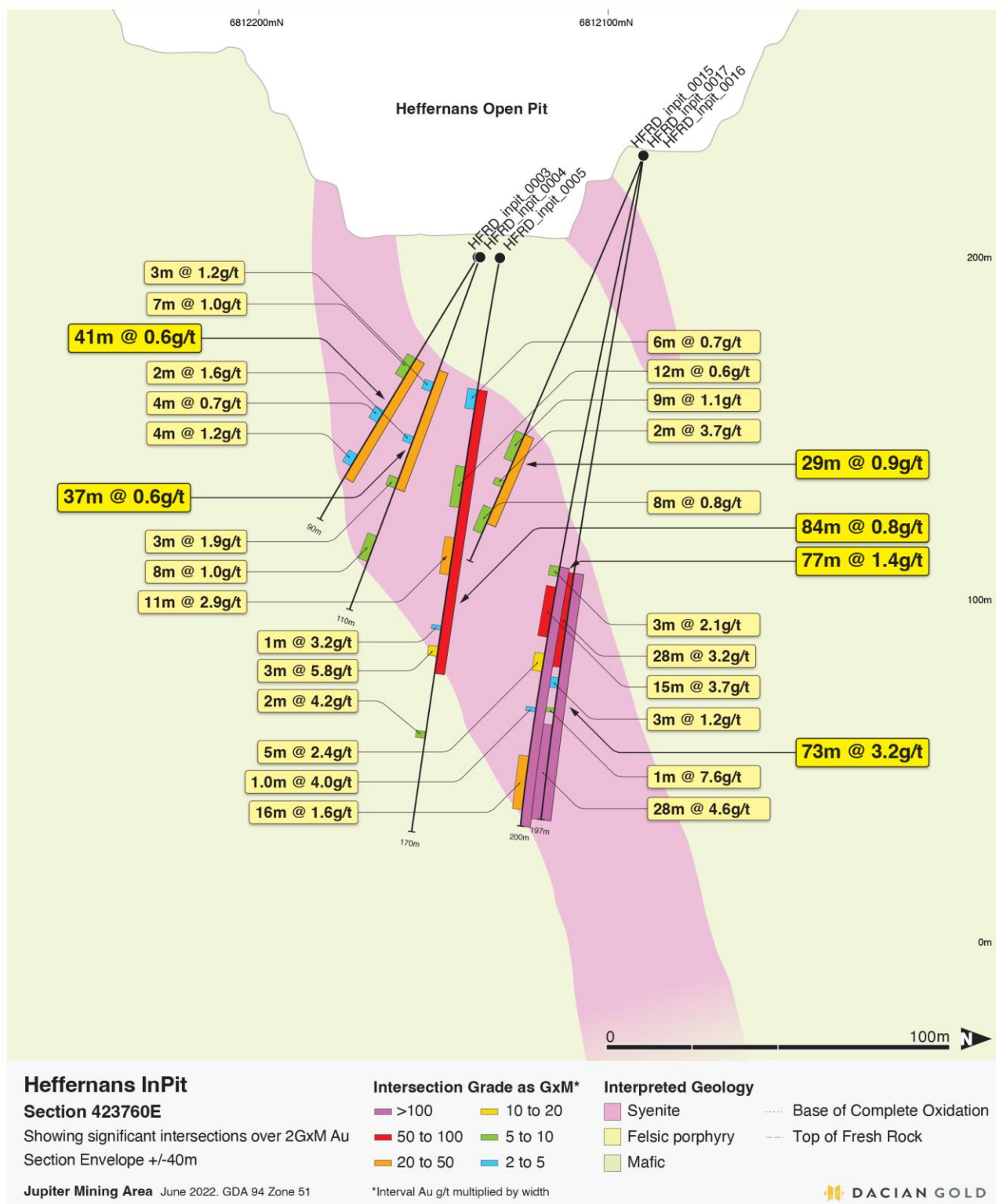


Figure 1: Cross section of the Heffernans in-pit drilling showing new drilling intercepts below the base of the open pit

ASX ANNOUNCEMENT

30 JUNE 2022



DACIAN
GOLD

ASX:DCN

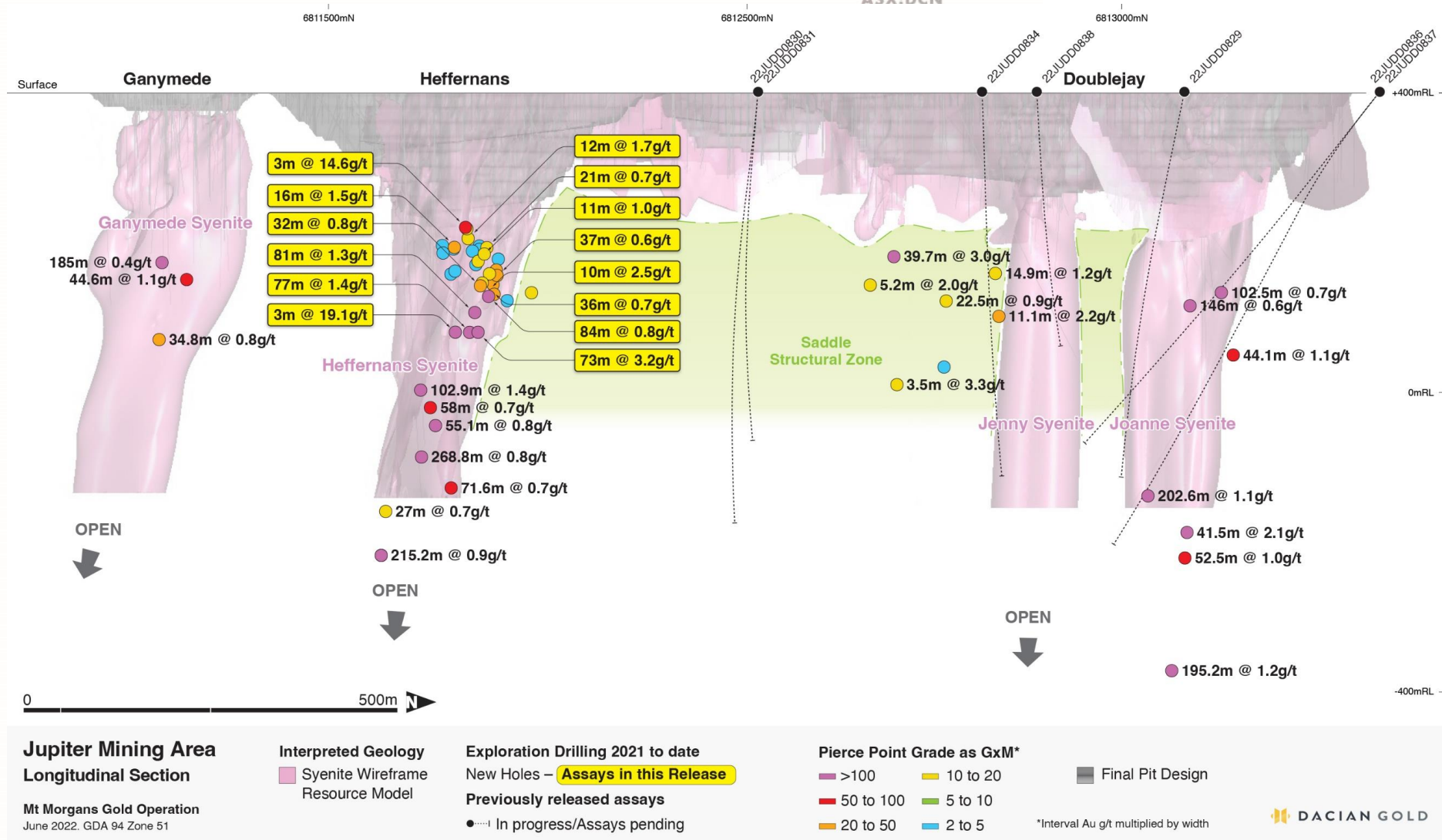


Figure 2: Long section view facing west of the Jupiter syenite complex with new and existing drill holes below the Heffernans open pit

ASX ANNOUNCEMENT

30 JUNE 2022



DACIAN
GOLD

ASX:DCN

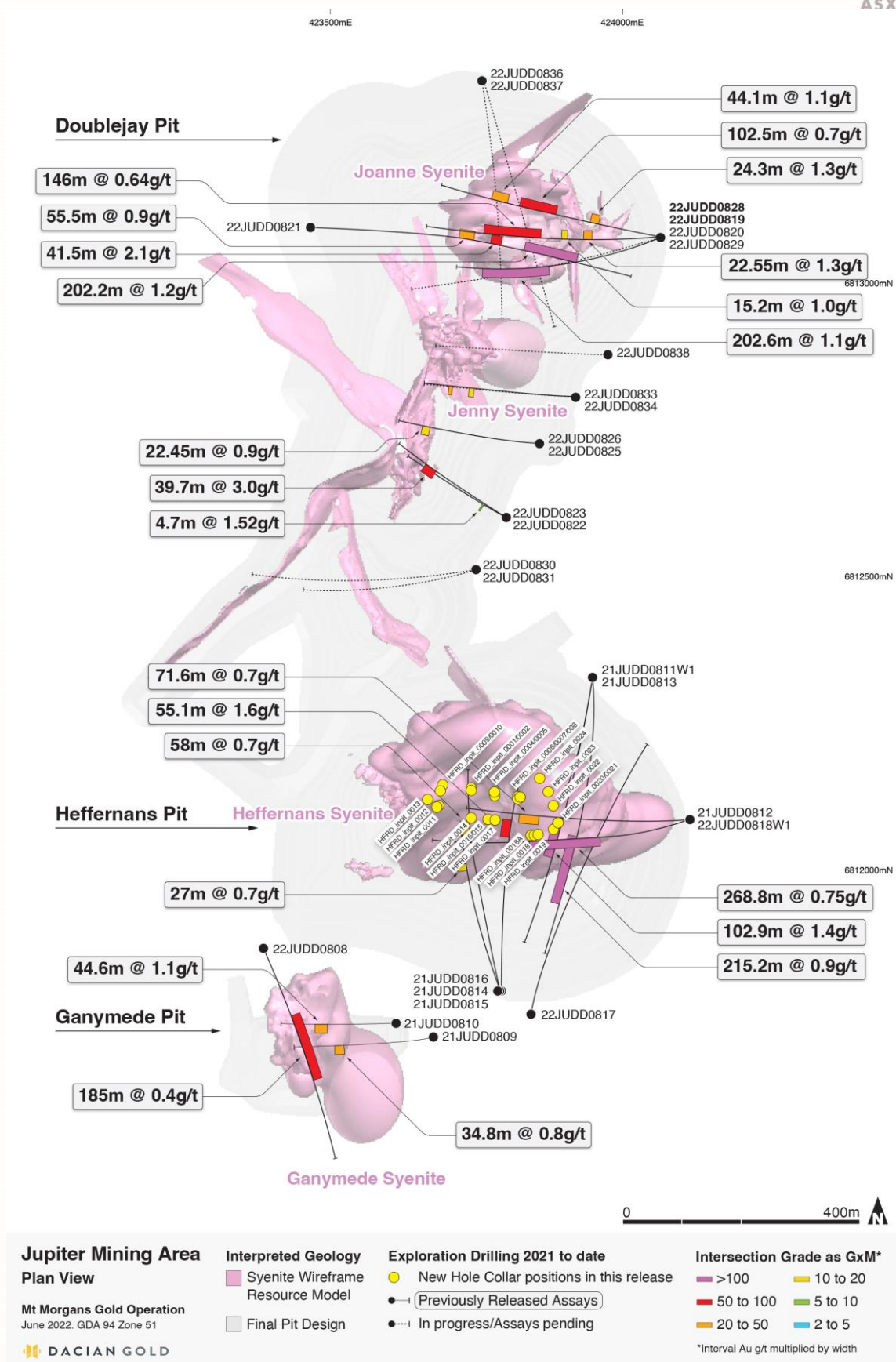


Figure 3: Plan view of the Jupiter syenite complex with the new hole collars and final pit design outline

This announcement has been approved and authorised for release by the Board of Dacian Gold Limited.

- ENDS -

For further information, please contact:

Dale Richards Chief Executive Officer Dacian Gold Limited +61 8 6323 9000 info@daciangold.com.au
--

COMPETENT PERSON STATEMENT

The information in this report that relates to Exploration Results is based on information compiled by Mr. Andrew de Joux, a Competent Person who is a member of The Australian Institute of Geoscientists. Mr de Joux is a full-time employee of Dacian Gold Limited. Mr de Joux 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 de Joux consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases, and the form and context of the announcements has not materially changed.

Where the Company refers to the Mineral Resources referencing previous releases made to the ASX, it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource estimate with that announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not materially changed from the original announcement

Appendix 1: Jupiter Exploration Results

Jupiter Exploration Drilling Results

Collar Location and Orientation								Intersection > 0.5 g/t Au			
Hole	Type	X	Y	Z	Total Depth	Dip	Azimuth	From (m)	To (m)	Length (m)	Grade (g/t Au)
HFRD_inpit_0001	RC	423,740	6,812,139	200	64.0	-59.59	357.03	4	11	7	0.84
								15	17	2	2.79
								48	57	9	1.88
								63	64	1	0.90
HFRD_inpit_0002	RC	423,740	6,812,137	200	95.0	80.76	356.63	5	13	8	1.22
								19	26	7	0.43
								35	36	1	1.26
								39	41	2	0.80
								52	53	1	1.11
								59	72	13	1.21
								78	82	4	0.59
								85	90	5	0.99
								94	95	1	1.02
HFRD_inpit_0003	RC	423,780	6,812,135	201	90.0	-59.38	0.34	35	42	7	1.02
								48	50	2	0.63
								53	57	4	0.70
								68	72	4	1.21
								75	76	1	1.90
HFRD_inpit_0004	RC	423,780	6,812,134	200	110.0	-70.07	358.55	35	36	1	0.65
								39	42	3	1.18
								45	47	2	0.65
								50	52	2	0.85
								56	58	2	1.57
								69	72	3	1.88
								81	82	1	0.90
								87	95	8	1.02
HFRD_inpit_0005	RC	423,780	6,812,128	200	170.0	-80.21	355.64	23	24	1	0.53
								39	45	6	0.66
								62	74	12	0.59
								83	94	11	2.28
								101	102	1	0.68
								109	110	1	3.24
								115	118	3	5.79
								122	123	1	1.29
								140	142	2	4.18
								150	152	2	0.69
								155	156	1	1.95
HFRD_inpit_0006	RC	423,820	6,812,124	201	129	-49.09	359.44	8	9	1	0.62
								14	17	3	0.52
								22	23	1	1.00
								44	45	1	0.59
								62	63	1	0.93
								79	82	3	1.24

HFRD_inpit_0007	RC	423,820	6,812,123	201	156	-68.67	357.15	100	109	9	1.18
								112	113	1	0.59
								117	118	1	1.14
								2	3	1	1.07
								7	8	1	0.56
								12	21	9	0.71
								24	26	2	0.79
								29	30	1	0.59
								39	40	1	0.96
								43	44	1	1.06
								51	57	6	2.32
								64	74	10	2.48
								134	135	1	0.51
HFRD_inpit_0008	RC	423,820	6,812,122	200	99	-79.48	1.66	145	146	1	0.51
								7	12	5	0.56
								32	36	4	3.05
								44	52	8	0.65
								59	60	1	1.70
								63	67	4	3.44
								79	80	1	0.86
								104	108	4	0.70
								125	126	1	0.52
								129	130	1	1.37
								147	148	1	1.00
								164	167	3	0.56
								172	176	4	0.61
								182	183	1	0.55
HFRD_inpit_0009	RC	423,688	6,812,137	215	153	-89.24	133.05	5	6	1	2.43
								29	30	1	1.84
								33	44	11	0.95
								64	65	1	0.88
								143	152	9	0.99
HFRD_inpit_0010	RC	423,692	6,812,146	215	92	-84.02	14.58	1	2	1	1.09
								5	6	1	0.69
								18	19	1	1.04
								26	27	1	1.30
								39	40	1	1.82
								46	47	1	1.24
								57	63	6	5.87
								66	67	1	0.61
								5	7	2	0.86
HFRD_inpit_0011	RC	423,681	6,812,109	221	70	-54.12	290.89	10	13	3	14.64
								21	33	12	1.66
								48	50	2	1.54
								53	54	1	1.18
								2	6	4	0.58
HFRD_inpit_0012	RC	423,684	6,812,110	221	100	-73.13	317.34	11	13	2	9.63
								17	18	1	0.71
								23	27	4	0.65

								41	43	2	2.69
								47	49	2	2.65
								57	66	9	1.06
								90	91	1	0.59
								95	96	1	1.13
HFRD_inpit_0013	RC	423,666	6,812,122	219	162	-60	54	0	3	3	1.00
								11	12	1	1.05
								29	30	1	0.53
								41	45	4	1.47
								50	55	5	2.70
								61	62	1	0.88
								70	74	4	0.47
								79	80	1	2.00
								95	99	4	2.77
								103	104	1	0.56
								108	127	19	0.96
								132	136	4	3.44
								139	160	21	2.41
HFRD_inpit_0014	RC	423,740	6,812,090	227	180	-75	350	26	27	1	0.74
								34	40	6	0.69
								47	48	1	2.16
								76	78	2	2.34
								92	99	7	6.15
								111	117	6	4.05
								121	122	1	0.74
								127	128	1	0.50
								132	133	1	0.53
								136	138	2	0.93
								141	159	18	1.21
								164	167	3	0.48
								172	173	1	1.96
HFRD_inpit_0015	RC	423,770	6,812,088	230	131	-65	342	37	38	1	0.67
								44	45	1	0.59
								61	64	3	0.63
								90	99	9	1.08
								105	107	2	3.69
								110	111	1	0.60
								114	122	8	0.80
HFRD_inpit_0016	RC	423,770	6,812,088	230	197	-80	342	44	49	5	0.61
								53	54	1	1.16
								74	75	1	1.43
								78	79	1	0.58
								116	117	1	0.95
								124	152	28	3.18
								155	158	3	1.18
								164	165	1	7.56
								169	197	28	4.56
HFRD_inpit_0017	RC	423,781	6,812,087	231	200	-80	350	16	22	6	0.85
								31	32	1	2.28

								50	51	1	1.17
								63	64	1	0.88
								123	126	3	2.08
								129	144	15	3.67
								149	154	5	2.42
								157	158	1	0.63
								165	166	1	3.96
								173	174	1	0.53
								179	195	16	1.55
								199	200	1	1.31
HFRD_inpit_0018	RC	423,848	6,812,061	236	250	-70	0	6	7	1	0.85
								10	11	1	1.75
								16	17	1	0.63
								20	21	1	0.51
								41	42	1	1.72
								51	58	7	1.03
								102	103	1	0.74
								112	114	2	0.58
								147	148	1	1.20
								178	182	4	0.71
								191	192	1	1.12
								195	196	1	1.22
								230	234	4	0.62
HFRD_inpit_0018A	RC	423,844	6,812,061	236	250	-70	10	12	13	1	1.56
								16	17	1	2.96
								42	43	1	0.53
								54	55	1	0.72
								73	74	1	2.80
								88	93	5	1.25
								99	102	3	0.47
								105	106	1	0.70
								113	114	1	0.58
								132	135	3	0.97
								142	143	1	0.66
								163	166	3	0.48
								177	178	1	2.88
								193	197	4	0.35
HFRD_inpit_0019	RC	423,852	6,812,062	237	210	-60	0	24	25	1	1.34
								28	30	2	1.38
								33	37	4	0.79
								42	43	1	0.54
								61	65	4	1.48
								68	72	4	0.86
								91	92	1	0.84
								96	97	1	0.87
								114	115	1	1.26
								119	120	1	0.71
								128	129	1	0.52
								180	182	2	0.81

HFRD_inpit_0020	RC	423,880	6,812,071	239	250	-80	17	197	198	1	0.52
								15	17	2	0.80
								24	25	1	0.72
								40	42	2	2.15
								45	48	3	1.28
								52	53	1	1.21
								57	68	11	0.70
								78	79	1	1.04
								118	122	4	0.53
								134	135	1	1.33
								138	139	1	0.64
								168	171	3	19.78
								193	194	1	0.60
								217	219	2	1.46
HFRD_inpit_0021	RC	423,888	6,812,082	241	170	-70	10	227	234	7	1.54
								239	240	1	0.73
								13	14	1	0.57
								32	33	1	0.55
								50	66	16	1.54
								71	74	3	1.52
								77	83	6	0.49
								86	87	1	2.31
								92	95	3	0.63
								121	122	1	0.60
								130	133	3	1.01
								137	142	5	0.81
								1	10	9	0.40
								26	27	1	2.17
HFRD_inpit_0023	RC	423,871	6,812,135	246	102	-53	335	42	46	4	0.78
								50	51	1	0.56
								54	55	1	0.59
								58	59	1	0.81
								84	87	3	0.47
								8	13	5	0.50
								45	46	1	1.47
HFRD_inpit_0024	RC	423,857	6,812,158	248	75	-56	335				

Collar coordinates are in MGA94 Zone 51 grid.

Significant mineralised zone intercepts have been reported as weighted average grades either above a cut-off of 0.5g/t Au for widths ≥ 0.1 m width, with no more than 2m of internal dilution.

Appendix 2: JORC Code 2012 Table 1, Section 1 and 2

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Surface Reverse Circulation (RC) drilling was carried out over the Jupiter prospect. Surface holes were angled to intersect the targeted mineralised zones at optimal angles. Surface RC samples were sampled as 1m intervals. To ensure representative sampling, samples were split using a cone splitter. DCN samples were submitted to a contract laboratory for crushing and pulverising to produce either a 40g or 50g charge for fire assay.
Drilling techniques	<ul style="list-style-type: none"> 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). 	<ul style="list-style-type: none"> DCN RC drilling was predominantly carried out with 5 ½ inch diameter.
Drill sample recovery	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Recoveries from DCN RC drilling were measured and recorded into the database. Recoveries average 99.5% with minor core loss in oxidised material or fresh rock that is very broken due to the interaction of multiple structures. No relationship has been established between sample recovery and grade.
Logging	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All RC drill holes were logged for multiple data fields including, geological, geotechnical and recovery information. This detail is considered an appropriate level of detail to support Mineral Resource estimation, mining and metallurgical studies. RC is logged qualitatively by company geologists for various geological attributes including but not limited to weathering, primary lithology, primary & secondary textures, colour and alteration. All drill holes are logged in full.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <i>If core, whether cut or sawn and whether quarter, half or all cores taken.</i> <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> <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> <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i> 	<ul style="list-style-type: none"> RC samples split via cone splitter in 1m intervals. Internal quality control includes working to approved company standard procedures. Externally prepared Certified Reference Materials are inserted as QAQC at an appropriate frequency. RC sample duplicates were taken 1 in 50. Statistical analysis of QAQC data is routinely conducted and reported. Sample sizes are considered appropriate to correctly represent the gold mineralisation based on the style of mineralisation, the thickness and consistency of the intersections, the sampling methodology and assay value ranges for gold. Sample preparation was conducted by a contract laboratory. After drying, the sample is subject to a primary crush, then pulverised to 85% passing 75µm.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> <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> <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> 	<ul style="list-style-type: none"> Samples were submitted to an accredited commercial laboratory for analysis at their facilities located in either Perth or Kalgoorlie, Western Australia The analytical technique used was a 40g or 50g lead collection fire assay with an Atomic Absorption Spectrometry finish. This is a full digestion technique and is an appropriate technique for the analytical determination of total gold content. For DCN drilling, sieve analysis was carried out by the laboratory to ensure the grind size of 85% passing 75µm was being attained. QAQC procedures involved the use of certified reference materials (1 in 20) and blanks (1 in 50). Coarse blanks and certified reference materials are inserted around observed mineralisation. Diamond core sample duplicates were taken 1 in 50. QAQC results were assessed as each laboratory batch was received and were acceptable in all cases. Laboratory QAQC includes the use of internal standards using certified reference material, blanks, splits and replicates. Certified reference materials demonstrate that sample assay values are accurate. Umpire laboratory test work was completed in 2019 over mineralised intersections with good correlation of results. Commercial laboratories used by DCN were audited in November 2020. Twinned holes were not completed as part of this exploration drilling program.

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	<ul style="list-style-type: none"> <i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> <i>Discuss any adjustment to assay data.</i> 	<ul style="list-style-type: none"> Significant intersections were verified visually by company geologists and Senior Geologists. Primary data was physically collected into purpose configured logging software provided by MaxGeo which includes validation processes to minimise any potential data transcription errors. Validated data is electronically synced into a dedicated SQL based Geological database management system. Laboratory assay data is validated by independent database consultants and merged into the SQL database. No adjustments have been made to the assay data. Assay values that were below detection limit are stored in the database in this form but are adjusted to equal half of the assay laboratory lower detection limit value when exported for reporting.
Location of data points	<ul style="list-style-type: none"> <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> <i>Specification of the grid system used.</i> <i>Quality and adequacy of topographic control.</i> 	<ul style="list-style-type: none"> Drill hole collars were surveyed in MGA94 Zone 51 grid using differential GPS. RC holes were down hole surveyed with a north-seeking gyro tool at 30m intervals down the hole. Topographic surfaces were prepared from detailed aerial drone surveys conducted by the operations survey department and updated monthly.
Data spacing and distribution	<ul style="list-style-type: none"> <i>Data spacing for reporting of Exploration Results.</i> <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> <i>Whether sample compositing has been applied.</i> 	<ul style="list-style-type: none"> The exploration holes drilled at Heffernans were drilled at various angles and dips due to accessibility issues at the base of the pit and ramp. The data spacing is insufficient to support Mineral Resource estimation at the targeted depths, consequently no Mineral Resource Estimation has or will be conducted prior to additional drilling which provides sufficient data to establish appropriate geological and grade continuity. Samples have not been composited.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <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> <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> 	<ul style="list-style-type: none"> The exploration holes were drilled to determine the potential for structurally controlled concentrations of gold mineralisation at depth within the syenite intrusive which hosts the economic deposits including at Heffernans DoubleJay and Ganymede nearer to surface. Additional drilling is required to resolve the orientation and potential continuity of mineralisation intersected within the syenite system, including the wider low-grade intersections, and narrower high-grade intersections. No orientation-based sampling bias has been identified in the data, as orientations are yet to be resolved through follow up drilling.
Sample security	<ul style="list-style-type: none"> <i>The measures taken to ensure sample security.</i> 	<ul style="list-style-type: none"> Samples are collected and stored by company personnel on site until collected for transport to the sample preparation laboratory via a transport contractor. A tracking system is used by company personnel to track the progress of samples through the chain of custody.

Criteria	JORC Code explanation	Commentary
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> Regular reviews of DC sampling techniques are completed by Senior Geologists and Principal Resource Geologist and conclude that sampling techniques are satisfactory. Commercial laboratories used by DCN were audited in November 2020. Review of QAQC data is routinely conducted by the Principal Resource Geologist.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> The prospect is located within Mining Lease M39/236, which is 100% owned by Mt Morgans WA Mining PTY LTD. M39/236 is in good standing.
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> The Tenements have had multiple campaigns of historic exploration including airborne geophysical data, ground geophysical data, RAB drilling, RC drilling and DD drilling. The latest exploration campaigns by Dacian Gold Ltd have resulted in economic exploitation of the near surface gold deposits hosted above the targets which are discussed in this report. Dacian gold is, at the time of writing, engaged in mining of the Jupiter deposits near surface through open pit methods. In 1992, Austmin Gold NL drilled 14 RAB ranging from 23m to 46m, and 34 RC holes ranging from 40m to 60m. In 1993, Dominion Mining Ltd drilled 34 air core holes ranging from 21m to 40m. In 1995, Plutonic drilled 15 RC holes ranging from 47 to 125m. These holes all identified mineralisation, mainly hosted in supergene. The drilling identified the areas of mineralisation, but at that time, commercial decision to stop exploration was taken.
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> The deposits are located within the Yilgarn Craton of Western Australia. The deposit type is a syenite-related gold mineralisation system. Mineralising fluids are interpreted to be sourced from the upper mantle and permeate vertically through the syenite exploiting structural weaknesses within the syenite, and along contacts with the country rock. The syenite has exploited structural weaknesses within the crust on emplacement. At present, mineralisation within the syenite has been delineated within predominantly north south striking, shallowly easterly-dipping regional structures, and more specifically along the intersection plane through the syenite, which creates a favourable depositional environment for mineralising fluid concentration and gold deposition. The Cornwall Shear Zone (CSZ) is

Criteria	JORC Code explanation	Commentary
		<p>an example which intersects all of the discrete Jupiter syenite stocks over a north-south extent of approximately 2.0km. The CSZ – syenite intersection has been the primary target of the company's exploitation through open pit mining methods.</p> <ul style="list-style-type: none"> In the hanging-wall, of the CSZ, minor lodes parallel the main structure, while in the footwall, the orientation of the lodes is variably east-, flat- and west dipping, but display only shallow to moderate dips. To date, exploration activities at Jupiter have concentrated on exploring for CSZ analogous structures. Geological studies conducted recently have identified potential additional structural orientation and associated mineralisation control which are being tested with the exploration program.
Drill hole information	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All information that is material to the understanding of exploration and infill drilling results completed by DCN is documented in this report and the appendices that accompany this announcement.
Data aggregation methods	<ul style="list-style-type: none"> 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. 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. 	<ul style="list-style-type: none"> Exploration results are reported as length weighted averages of the individual sample intervals. No high-grade cuts have been applied to the reporting of exploration results, where an intercept includes a much higher-grade interval, a second, shorter high-grade intercept is also reported within the results table. The significant intercepts have been reported using the following criteria: <ul style="list-style-type: none"> >0.5g/t Au No more than 2m of internal waste Report narrower intercepts if they have a metal accumulation of >1.5gm No metal equivalent values have been used.
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> 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'). 	<ul style="list-style-type: none"> Holes reported were drilled at various bearings as reported using MGA94 grid north, and at a range of dips of -50 to -70°. The orientation and continuity of significant intersections of mineralisation reported in this report are interpreted and not yet determined by further drilling results. As such they are reported as 'down hole length – true width not known'.
Diagrams	<ul style="list-style-type: none"> Appropriate maps and sections (with scales) and tabulations of intercepts should be included for 	<ul style="list-style-type: none"> Relevant diagrams have been included within the main body this ASX release.

Criteria	JORC Code explanation	Commentary
	<i>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.</i>	
Balanced Reporting	<ul style="list-style-type: none"> • 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. • 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. 	<ul style="list-style-type: none"> • All collars were surveyed in MGA94 Zone 51 grid using differential GPS. Holes were down-hole surveyed either with a north seeking gyroscopic tool. • All exploration results relating to this exploration drilling program at the Jupiter complex are reported either within this announcement or a previous announcement. • The report is considered balanced and provided in context.
Other substantive exploration data	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Interpretations of mineralisation has considered the observations made and information gained during mining at the Heffernans, Ganymede and Doublejay open pit mining operations. • Ongoing Geological studies and interpretation including geophysical data set interpretation, geochronological age data interpretation, structural and geomechanical modelling and geochemical investigation are informing the updated exploration planning at Jupiter.
Further work	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • This program of follow-up drilling is not yet complete. It is designed to test for potential mineralisation continuity.