Centennial Mining Limited
ABN 50 149 308 921

ASX: CTL

Investment Highlights:

A1 Gold Mine
Operating mine site including underground development and infrastructure

Mineral Resources in accordance with the JORC Code (2012)

Indicated – 222,000 t @ 5.0 g/t for 36,000 oz Au

Inferred – 1,339,000t @ 6.28 g/t for 271,000 oz Au

Maldon Gold Operations

Operational 120 - 150,000tpa gold processing facility, Union Hill Mine, including underground development & infrastructure

Executive Chair
Dale Rogers

Non-Executive Directors
Jamie Cullen
Anthony Gray

Company Secretary
Dennis Wilkins

Capital Structure:
705,444,920 Ordinary Shares
288,557,631 Listed Options
82,000,000 Unlisted Options
71,428,565 Convertible Notes

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ASX Release – 9th November 2017

New Magenta Mineral Resource

SPP Extension

- **Inferred Mineral Resource of 183,347 tonnes at 5.3 g/t* defined for the Magenta Zone at the A1 Gold Mine**
- **Represents an increase in Inferred Mineral Resources of 170,000 tonnes at 5.5 g/t for 30,000 ounces Au**
- **Provides a development and long hole stoping pathway for potentially the next 2 to 3 years**
- **Identifies further near-term drilling and resource definition opportunities within the Magenta Zone**
- **Total Indicated and Inferred Mineral Resources at the A1 Gold Mine increased to 1.56 Mt at 6.1 g/t Au for 306,000 oz Au**
- **Closing date of Share Purchase Plan extended to 15 November 2017**

Centennial Mining Limited (ASX: CTL) (**Centennial** or the **Company**) is pleased to announce the first independent Mineral Resource from previously reported drilling results within the Magenta Exploration Target Area at its 100% owned A1 underground gold mine in Victoria (**A1 Gold Mine**).

Commenting on these results, Centennial's Executive Chair, Dale Rogers, said:

"*The Mineral Resource for Magenta is exciting because it defines a pathway for development, long hole mining and ultimately production for the next several years. The bulk of the higher grade Inferred Mineral Resources at the A1 Gold Mine are at depth, below the old workings. The Magenta Resources will provide the link between the existing development and the higher grade Resources of ~374,000 tonnes grading 6.5 g/t below the 22 level and the historic workings.*"

"Importantly the Mineral Resource has not been closed off within the Magenta Zone or at depth. As a result, pending further funds, it is planned to continue drilling to increase and upgrade the Magenta Zone Mineral Resource and also our global mineral resources to add mine life at the A1 Gold Mine.

* Using a 3 g/t lower cut-off grade

Mine Geology

The A1 Gold Mine area lies within the Woods Point – Walhalla Synclinorium structural domain of the Melbourne Zone, a northwest trending belt of tightly folded Early Devonian Walhalla Group sandy turbidites. The domain is bounded by the Enoch's Point and Howe's Creek Faults, both possible detachment-related splay structures that may have controlled the intrusion of the Woods Point Dyke Swarm and provided the conduits for gold bearing hydrothermal fluids. The local structural zone is referred to as the Ross Creek Fault Zone.

Most gold mineralisation in the Woods Point to Gaffney's Creek corridor occurs as structurally controlled quartz vein-shear zone systems hosted by dioritic dyke bulges. The A1 Gold Mine is central to this corridor.

Gold mineralisation at the A1 Gold Mine consists of:

- Typically east and west dipping dilationally brecciated quartz rich shear zones, referred to locally as reefs, 10 cm to several metres in width, 30-150 m in strike length and 30-70 m in dip extent strike
- Shallowly dipping quartz 'stringer' veins, which branch off dilational breccias, typically 0.01 to 0.3 m thick
- NE-SW striking shear zones with up to 0.3 m thick laminated and stylolitic quartz infill
- The recently recognised wide zones of strongly hydrothermal carbonate altered (bleached) and sericitised hornblende dyke with disseminated pyrite-arsenopyrite

Coarse gold occurs either within quartz-filled dilation breccias and branching quartz veins or in laminated quartz infill of NE-SW striking shear zones. Fine grained disseminated gold occurs within pyrite or associated with arsenopyrite and bournonite. The broad mineralisation zones are the result of a culmination of intersecting structures beneath interpreted shallow dipping shear zone 'fault valves'.

Magenta Zone

Following the success of the present long hole stoping areas at the A1 Gold Mine, geological interpretation identified a broad steeply plunging zone of gold mineralisation extending at depth, below the long hole stope stopes of 8352 and Folly's North. The zone contains consistently high (0.5 - 2.5 g/t Au) background gold values associated with elevated hydrothermal bleaching (carbonate alteration) of the A1 Dyke, quartz veining and sulphidation. This mineralised area has been named the Magenta Zone and is present in both the northern and southern dyke bulges that make up the A1 Dyke system.

The Magenta Zone extends from around the 1410mRL (the top of the current 8352 and Folly's North long hole stopes) at least 200m vertically to the lowest historical production level (22 Level) at the 1190mRL. Importantly it remains open at depth (Figure 1).

Less than 15% of the A1 Gold Mine Mineral Resources reported to 30th June 2017 (85,000 tonnes grading 4.93 g/t Au) are contained within the Magenta Zone.

Geological interpretation and modelling of historic mining and drilling data recently identified a near-development Exploration Target of approximately 300,000 to 500,000 tonnes grading 3.8 to 5.6[(4)] g/t Au (depending on the lower cut-off grade applied), within the Magenta Zone (refer ASX announcement 10 October 2017). Within the Magenta Zone a number of areas of higher grades potentially suitable for long hole stoping have been identified, including;

- Victory North Exploration Target,
- Mahoney's Exploration Target, and
- Queen's Exploration Target.

The potential quality and grade of this Exploration Target is conceptual in nature as there has been insufficient exploration to estimate a Mineral Resource. It is uncertain if further exploration will result in the estimation of a Mineral Resource (refer ASX announcement 10 October 2017).

These potential long hole targets will provide a pathway of long hole stoping and decline development to the Inferred Mineral Resources below the old historical mining levels and the 'virgin' mineralisation where the highest grade veins are untouched by historic mining.

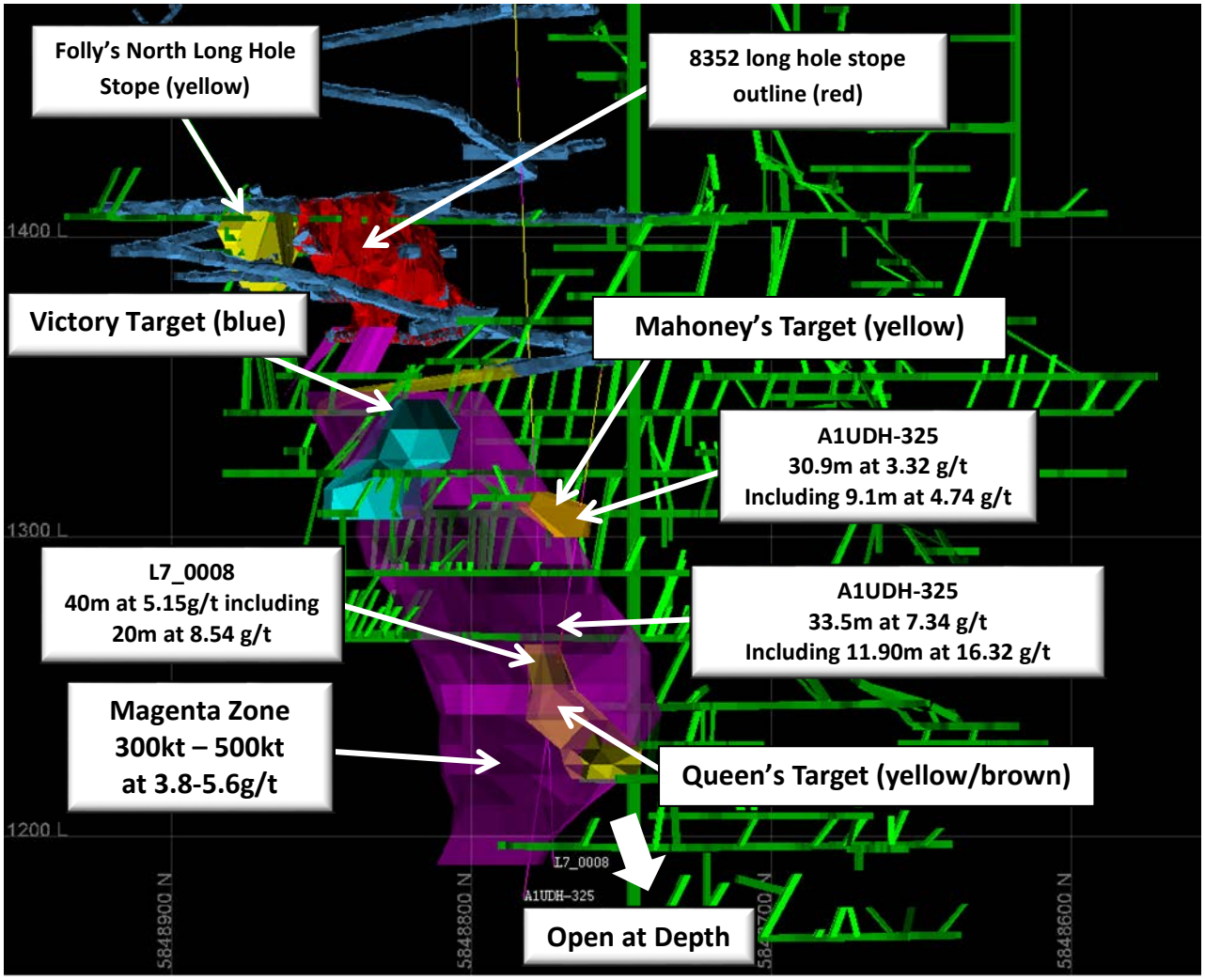


Figure 1: Long Section showing the Magenta Zone and relationship of Victory North, Mahoney's and Queen's Exploration Targets.

NB: Historical development shown in green, the current decline in deep blue. Historic stoping not shown to assist in viewing the area.

Mineral Resource Estimation

The following mineral resource estimate has resulted from an intensive programme of geological interpretation of the Magenta Zone coupled with recent diamond drilling focused on testing the new geological understanding of the A1 Gold Mine. Full details of the mineral resource estimation details are given in Appendix 1, Table 1.

Drilling technique, sampling and sub-sampling techniques

All samples were taken from diamond drill core. Core was halved longitudinally using a core diamond saw. Core samples were prepared and assayed at the independent Gekko laboratory located in Ballarat.

After drying, samples were crushed, and pulverised to 95% passing 75 µm. The coarse gold in the A1 deposit dictates a larger sample size and the sample sizes are considered appropriate for this style of deposit; there is a history of re-assay of A1 drill core splits and pulp splits to show that this is the case.

Sample analysis method

The analysis for gold was by the fire assay method using a 50g pulverised sample, which is believed to be acceptable for the style of gold occurrence in the A1 deposit. This method returns a total gold assay.

Criteria used for classification

The Magenta Mineral Resource has been classified as inferred. The inferred classification is based on the fact that further infill drilling is required to provide additional verification of the Magenta domain extent and orientation of high grade zones within the larger medium grade envelope.

Cut-off grade

The Mineral Resource estimate is relatively insensitive to cut-off grade over the likely range of cut-off grades that might sensibly be applied, that is, over a range of cut-off grades from 0 to 5g/t Au. The Mineral Resource has been quoted at a 3 g/t cut-off grade as this represents the potential economic cut-off for this style of mineralisation within the A1 deposit.

Mining and metallurgical methods and parameters and other material modifying factors

Beyond the general assumption that mining would take place underground using decline access and trackless haulage the only particular mining assumption that was made for the resource estimate was a 5 metre minimum mining width, reflected in the block width. The minimum mining width was assumed based on the size of the mechanised mining equipment currently in use at the mine.

Based on mining and treatment of ore by the Company from other parts of the A1 Gold Mine, no particular metallurgical assumptions were made beyond the general assumption that gold could be recovered in A1's gold processing plant at Porcupine Flat near Maldon, which includes a coarse gold gravity circuit and a conventional CIP circuit for the gravity tail. Given the nature and tenor of the gold mineralisation, this is a reasonable assumption.

Estimation and Modelling

Details of the estimation, modelling techniques and other details are given in Appendix 1, Table 1. The distribution of the estimated mineral resource blocks within the Magenta Zone (Figure 2) reflects the amount of diamond drilling and current drill access, with few resource blocks where there are lower numbers of holes drilled to date (Figure 3).

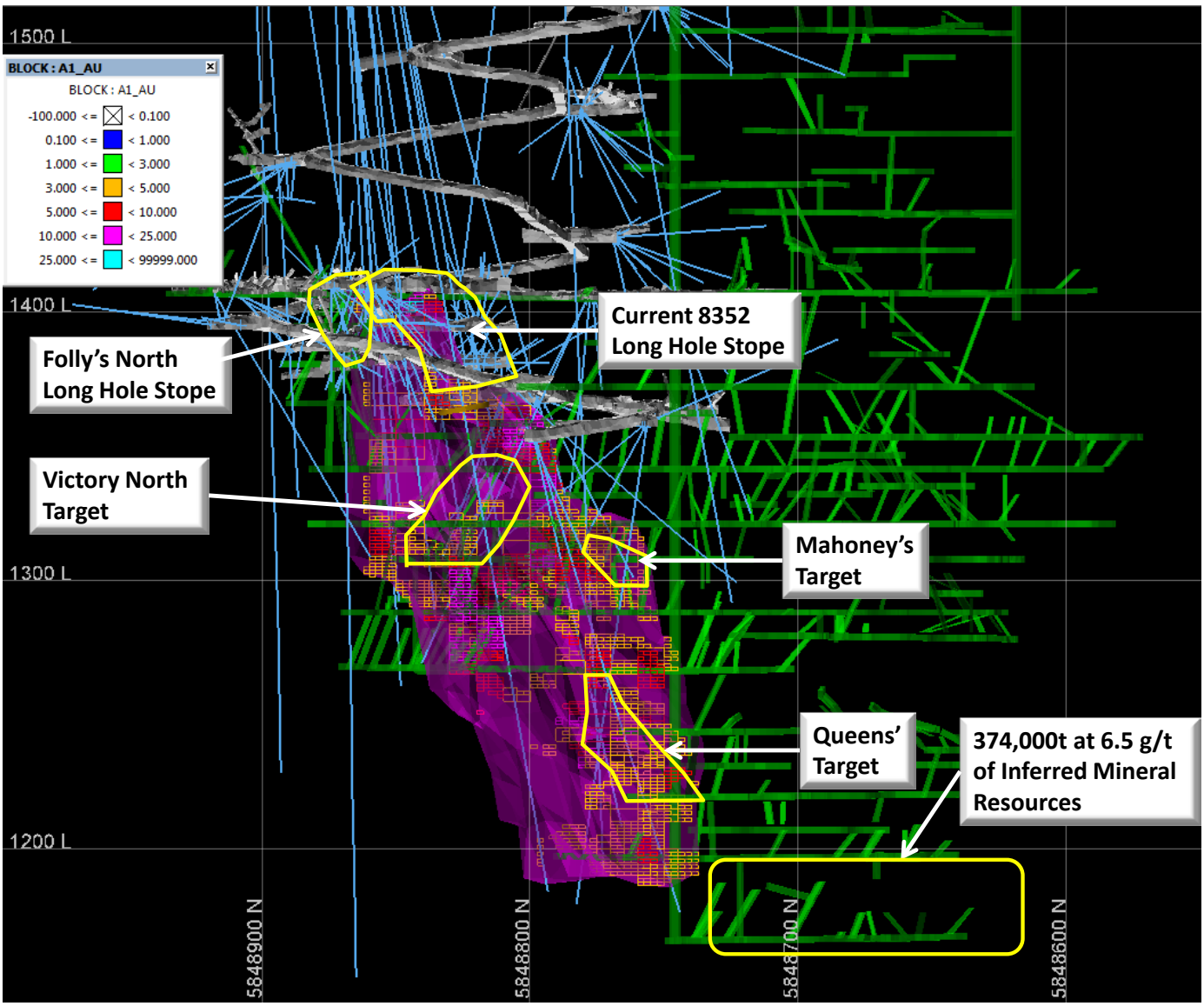


Figure 2: Long section of the Magenta Zone showing current long holes stopes, exploration targets, diamond drilling and Mineral Resource blocks. The area shown below the 1197 m RL is the location of Inferred Mineral Resource blocks in the depleted 30/6/2017 resource model.

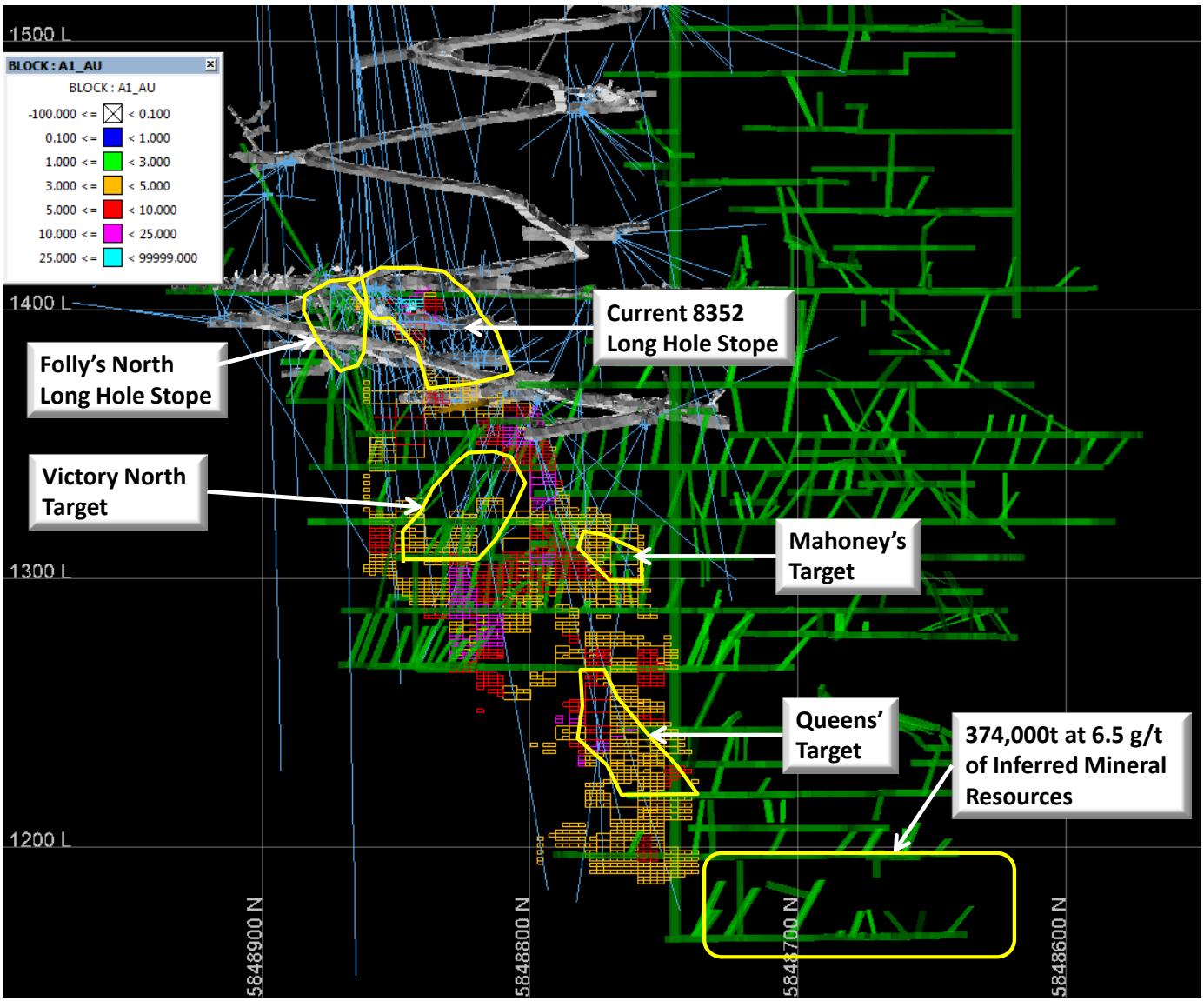


Figure 3: Long section of the Magenta Zone showing density of diamond drilling with respect to the Magenta Mineral Resource blocks, Exploration Targets and location of the Inferred Mineral Resource blocks in the depleted 30/6/17 resource model.

Mineral Resource Estimate

Model	Tonnes	Au (ppm)	Au (Oz)	Tonnes	Au (ppm)	Au (Oz)
	Indicated			Inferred		
Depleted 30th June 2017 Mineral Resource[1,2]	222,244	5.04	36,012	1,156,376	6.44	239,428
Magenta Nov 17[3]	-	-	-	**183,347**	**5.3**	**31,242**
Total	222,244	5.04	36,012	1,339,723	6.28	270,670

Table 1: A1 Gold Mine Mineral Resources as at 9 November 2017

Note 1. The information in this report that relates to the 30th June 2017 A1 Gold Mine Mineral Resources is extracted from the summary report entitled 'A1 Consolidated Gold, Mineral Resource Estimate' prepared by CSA Global Pty Ltd included in the Company's ASX announcement dated 12 May 2014 and is available to view on the Company's website. Centennial Mining has

depleted this resource using the surveyed void shapes as mined over the previous 12-month period. The Company confirms that, other than mining depletion, it is not aware of any new information or data that materially affects the information included in the original announcement and that all material assumptions and technical parameters underpinning the estimates in the original announcement continue to apply and have not materially changed.

Note 2. The depleted resource was obtained by subtracting the resources blocks contained within the Magenta wireframe from the 30th June 2017 Mineral Resource.

Note 3. Reported at a 3 g/t lower cut-off grade. The Magenta domain resources were also constrained below the 1360 RL.

Note 4. References to exploration target size and target mineralisation in this report are conceptual in nature and should not be construed as indicating the existence of a JORC Code (2012) compliant mineral resource. There is insufficient information to establish whether further development and exploration will result in the determination of a mineral resource within the meaning of the JORC Code.

SPP Closing Date Extended

Due to this new information, the Board of Centennial has decided to extend the closing date of the existing Share Purchase Plan (**SPP**) to 5:00 pm (WST) Wednesday 15 November 2017 to allow Shareholders the opportunity to absorb this important new information and consider participating in the SPP.

Existing eligible shareholders of Centennial have the opportunity to subscribe to a maximum of $15,000 of new shares via the SPP.

Under the SPP rules, shareholders who were recorded on the share register at 16 October 2017 (record date) with a registered address in Australia or New Zealand are eligible to participate.

Each eligible shareholder is entitled to apply for up to $15,000 of new fully paid ordinary shares of the Company without incurring any brokerage or other transaction costs. All new shares issued under the SPP will rank equally with existing ordinary shares of the Company.

Shareholders that have not yet taken up the offer to participate in the SPP, but wish to do so, are urged to return the completed individualised SPP application form along with payment for the application amount to the Company prior to the revised closing date of 15 November 2017. Alternatively, shareholders can pay the application amount directly via BPAY®, in which case there is no need to return the application form to the Company.

Shareholders that have not received an SPP application form, or require a replacement form, should contact Mr. Dennis Wilkins (Company Secretary) via e-mail dennis@dwcorporate.com or telephone (08) 9389 2111.

Shares issued under the SPP will be priced at a 20% discount to the volume-weighted average price of Centennial shares as traded on the Australian Securities Exchange over the 5 days immediately before the allotment date which is now anticipated to be Thursday 23 November 2017. Centennial will announce the final issue price for the SPP shares after the offer closes.

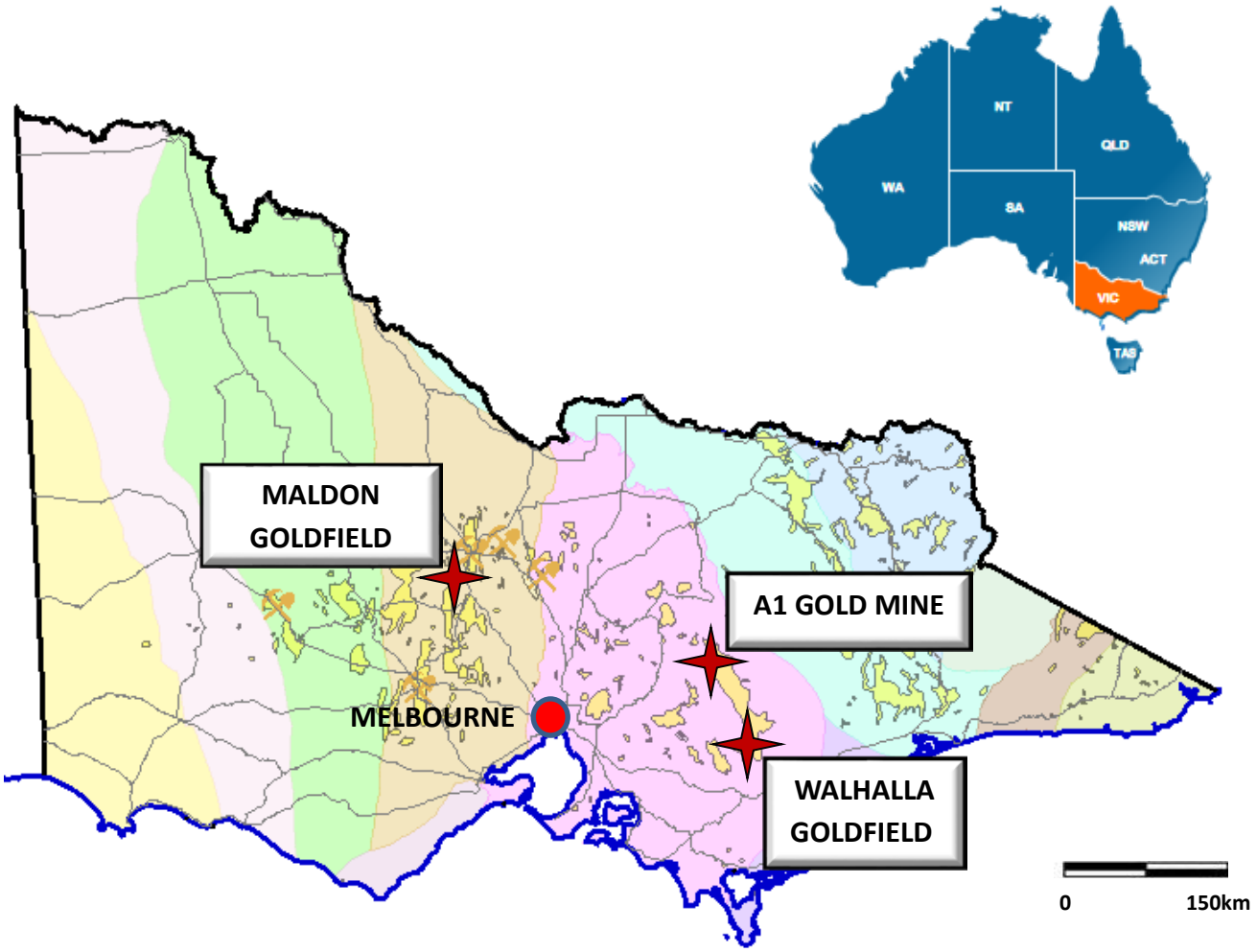
Paterson Securities Limited has underwritten the SPP to the value of $1 million and pursuant to the underwriting agreement may facilitate a top-up placement at the same price as the SPP.

About the Company

Centennial Mining Limited is an emerging junior Victorian gold producer that is developing and producing from the A1 Gold Mine near Woods Point, Victoria. Ore mined from the A1 Gold Mine is trucked to the Company's fully permitted and operations processing facility at Porcupine Flat, near Maldon.

The Company also owns the Union Hill Underground Mine at Maldon, which is presently being developed, and has entered into an agreement to acquire the Eureka and Tubal Cain deposits[1] near Walhalla.

Location of Projects



Note 1. Refer to Orion Gold NL (ASX: ORN) ASX Announcements dated 11 August 2015 and 30 December 2015. The acquisition of the Licence by the Company is subject to the grant of consents required under the Mineral Resources (Sustainable Development) Act and the terms of the Agreement.

Competent Person's Statements

The information in this report that relates to Exploration Results and Exploration Targets is based on information compiled by Mr Peter de Vries, a Competent Person who is a member of the Australasian Institute of Mining and Metallurgy and a member of the Australian Institute of Geoscientists. Mr Peter de Vries is a consulting geologist to Centennial Mining Ltd. Mr de Vries 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 JORC Code. Mr de Vries consents to the publishing of the information in this report in the form and context in which it appears.

Information that relates to exploration and production targets refers to targets that are conceptual in nature, where there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.

The information in this report that relates to the Mineral Resource for the Magenta Zone at the A1 Gold Mine is based on, and fairly represents, information and supporting documentation prepared by Mr Stuart Hutchin who is a member of The Australian Institute of Geoscientists. Mr Hutchin is a consultant working for Mining One Consultants Pty Ltd and has sufficient experience, which 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 JORC Code. Mr Hutchin consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

Caution Regarding Forward Looking Information

This document may contain forward looking statements concerning Centennial Mining Limited. Forward looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward looking statements as a result of a variety of risks, uncertainties, and other factors. Forward looking statements are inherently subject to business, economic, competitive, political, and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes. Forward looking statements in this document are based Centennial Mining's beliefs, opinions and estimates of Centennial Mining's as of the dates the forward looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future development.

APPENDIX 1

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 sampling results reported are from diamond drilling. • Drilling results used in the resource calculations are from the programs undertaken by Centennial Mining Limited (Centennial Mining. Several holes drilled in 2009 by Heron resources (L7) were also incorporated. Sample lengths varied from 0.3m to a maximum 1.2m. • All core was halved using an Almonte diamond saw core cutter with guides to ensure an exact split. With coarse gold common within the deposit, the top half of the core is sampled to reduce inherent sampling problems. The samples were dried, crushed and pulverised, then fire assayed (50g) for Au at the NATA accredited Gekko Laboratory at Ballarat. • All CTL samples were dried, crushed and pulverised, then fire assayed (50g) for Au at the NATA accredited Gekko Laboratory. • HRR drill core was halved with analysis done by 50g Fire Assay by On Site Laboratory Services (OSLS) in Bendigo. • Centennial Mining have QAQC protocols in place, including the insertion of blanks and standards inserted at random and at more selective intervals such as immediately after samples of visible gold intersections, and insertion of higher grade standards within samples from high grade zones. • Both series of holes had QAQC protocols in place, including the insertion of blanks and standards inserted in random and more select intervals such as blank samples after visible gold intersections and higher grade standards within a high grade zone.

Criteria	JORC Code explanation	Commentary
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).*	• All of the holes being reported are diamond drill holes. • Diamond drilling was completed by 3 separate drilling contractors: Star West Drilling contractors using an LM75 drill rig. The core diameter drilled was HQ (63.5mm), with the core was orientated using a Reflex ACT II orientation tool. • Deepcore Drilling contractors using an LM90 rig with NQ2 (50.6mm) core diameter drilled. The core was orientated using a Reflex ACT II orientation tool. • HMR with an LM30 Bobcat rig, drilling with NQ2 (50.6mm) conventional. Core was orientated with a Reflex ACT II orientation tool.
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.*	• RQD and recovery data are recorded in the geology logs for all drilling being reported. • Core loss is recorded by drillers on run sheets and core blocks placed in core trays. • Where the ground is broken, shorter runs are used to maximize core recoveries. Areas of potentially poor ground are communicated to the drillers and recorded in drilling plods. • Mineralisation at the A1 Gold Mine is predominately hosted in competent quartz and dyke structures, therefore sample recoveries are general high. No significant sample loss has been correlated with a corresponding increase in Au grade.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* • *The total length and percentage of the relevant intersections logged.*	• All holes reported have been logged in full, including lithology, mineralisation, veining, structure, alteration and sampling data. • All core has been photographed before sampling.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material*	• All core was half cored using an Almonte diamond core saw. • Core samples from CTL were assayed at the independent Gekko laboratory located in Ballarat. After drying, samples were crushed, and pulverised to 95% passing 75µm. • Internal QAQC insertion of blanks and standards is routinely carried out. Random and select insertion is applied, i.e. blanks are inserted directly after samples containing visible gold. The Gekko laboratory has its own QAQC program which is reported with results and a monthly QAQC review.

Criteria	JORC Code explanation	Commentary
	being sampled.	• 147 pulp sample rejects from the Heron L7 drilling programme (2010-2011) were collected by Snowdens in May 2012 and submitted to the Gekko Laboratory in Wendouree, Ballarat. The pulps were in 100-200g lots and were screen fired in their entirety. Statistical analysis showed that 55% of the samples pairs lie within the +/-10% HARD. In a perfect scenario, 90% of the assays should be within the 10% HARD. This is typically rarely achieved in coarse gold dominated systems such as the A1 Mine where pulps are split prior to assay. These results confirm the presence of coarse visible gold at A1 (already well known) and indicate inherent variability will be present in assay data sets large assay charge size sizes have been applied (e.g. assay via Leachwell) • The QQ plot indicated that the duplicate data is biased around +10% to +25% above the original data. This may be a factor of original pulp splitting and coarse gold segregated into the reject split. (This was done by independent consultants • Coarse gold dictates a larger sample size and the sample sizes are considered appropriate for this style of deposit; there is a history of re-assay of A1 drill core splits and pulp splits to show that this is the case.
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 sample preparation and assay method of 50g Fire Assay is acceptable for this style of deposit and can be considered a total assay. • Industry standards are followed for all sample batches, including the insertion of commercially available CRM's and blanks. The insertion rate is approximately 1 every 10 to 15 samples both randomly and select positions, such as blanks inserted after samples containing visible gold. QAQC results (Both A1 and internal laboratory QAQC) are reviewed by CTL geological staff upon receipt of the assay results. No issues were raised with the data being reported. • L7- Industry standards were also followed for all sample batches, including the insertion of commercially available CRM's and blanks. The insertion rate is approximately 1 every 10 to 15 samples both randomly and select positions.
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.*	• The assay results for L7-0010A intervals from 285 to 300m were checked by ¼ core sampling and assay by independent laboratory Bureau Veritas (Canning Vale) and returned a weighted mean assay value of 9.16 g/t over the 15 m interval compared with 7.09 g/t mean from the origin Gekko assays. • All field data is entered directly into an excel spreadsheet with front end validation built in to prevent spurious data entry. • Data is stored on a server at the A1 Mine with daily backups. Backed up data is also stored offsite.

Criteria	JORC Code explanation	Commentary
		• Significant intersections are reviewed by geological staff upon receipt, to ensure the intersections match the logging data, with the checks including verification of QAQC results.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• All holes are labelled during the drilling process, and all holes have been picked up by licensed surveyors, Adrian Cummins and Associates. • Holes are labelled by drillers upon completion of the hole. • Down hole surveys were taken at 15m, and every 30m after this with a reflex single shot camera. • Grid used is MGA_GDA94. • The topography control is of a high standard and consists of a DTM surface
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 hole spacings are generally in the order of a 20m x 20m up to 50m x 50m for the inferred areas of the resource and down to less than 10m x10m for the indicated resources. • There is good correlation between sections on the larger structures, with some of the narrow reefs not as continuous across some sections. • Given the density of drilling, good continuity of structures and high grades between sections in the area being drilled, the drilling spacing is sufficient to be used for Mineral Resource calculations. • Sample compositing has not been applied.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	Drilling programs have been mainly focused on the larger target envelope within the Magenta domain. Drill position from underground has meant that a perpendicular drill intercept angle is difficult to achieve in most holes. The low to medium grade mineralization halo is therefore drilled partly down dip however the high grade dipping zones within this envelope are intersected at angles closer to perpendicular. Due to the relatively perpendicular intersection angle on a high percentage of the larger mineralised structures, the majority of the drill angles are not expected to produce any sampling bias. Given there are a number of narrow reefs intersected at various angles, there is a chance of some bias, which have been identified and modelled accordingly. • L7 drilling: L7 holes being reported have been drilled sub vertical down steep structures, giving a potential bias. The assay results from these holes correspond with those of the shallower angle holes, so any potential bias is not expected to have an effect the on the model grades
Sample security	• *The measures taken to ensure sample security.*	• Samples were transported from the A1 Gold Mine to the laboratory or the Maldon Processing Plant either by A1 staff, or contractors. Calico bags containing the sample were places inside larger green bags, with this green bag sealed with a steel tie. Samples that were taken to Maldon were placed in a locked security box and collected by Gekko laboratory staff.

Criteria	JORC Code explanation	Commentary
		• Core samples numbers and dispatch references are sequential and have no reference to hole number. • Visible gold locations are not permanently marked on the core, instead pink flagging tape is placed on the intersection until sampling when it is then removed. • Core trays containing visible gold are stored inside the locked core shed until logged. • Sample security for Heron Resources involved the bagging up of individual sample intervals and securing several at a time into larger sealed bags and the use of a dedicated courier to deliver the samples directly to OSLS at Bendigo.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• The recent drilling has not been independently reviewed except by Mining One who are responsible for the resource estimation process.

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 licence to operate in the area.*	• The A1 Gold Mine is located wholly within MIN5294. This license is 100% owned by Centennial Mining Limited (CTL) and is in good standing. • The A1 Mine is located approximately 75km southeast of Mansfield in northeast Victoria (approximately 15km northwest of Woods Point). • In 2012 AYC acquired the rights to the asset from Heron Resources Ltd (HRR). • In 2017 AYC was renamed Centennial Mining Limited (CTL).
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The A1 Gold Mine has been an active mine since 1861 with an extensive list of previous owners and tenement consolidations. Most recently before A1 Consolidated, the tenement was held by Gaffney's Creek Gold Mine Pty Ltd which consolidated the 3 mining leases MIN5375, MIN5326, and MIN5294. • Heron Resources who conducted the 2009-2011 L7 drilling program and commenced decline development.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The project area lies within the Woods Point – Walhalla Synclinorium structural domain of the Melbourne Zone, a northwest trending belt of tightly folded Early Devonian Walhalla Group sandy turbidites. The domain is bounded by the Enoch's Point and Howe's Creek Faults, both possible detachment-related splay structures that may have controlled the intrusion of the Woods Point Dyke Swarm and provided the conduits for gold bearing hydrothermal fluids. The local structural zone is referred to as the Ross Creek Fault Zone. • Most gold mineralisation in the Woods Point to Gaffney's Creek corridor occurs as structurally controlled quartz vein-shear zone systems hosted by dioritic dyke bulges. The A1 mine is central to this corridor. • Recent level development and drilling has identified a series of east and west dipping dilationally brecciated quartz rich shear zones, referred to locally as reefs, with varying widths from 10 cm to several metres. Coarse gold occurs either within quartz-filled dilation breccias and branching quartz veins or in laminated quartz infill of NE-SW striking shear zones. High grade gold mineralisation within the reefs occurs as coarse and disseminated gold, predominately associated with stylolites of arsenopyrite and euhedral pyrite and soft sulphide assemblages. This style of mineralisation is also evident within narrow reefs, with generally a higher proportion of stylolites containing high percentages of predominately bournonite with minor arsenopyrite. The broad mineralisation zones are the result of a culmination of intersecting structures beneath the 1410 level, truncated above the level by shallow east dipping structures.

Criteria	JORC Code explanation	Commentary
		• Fine disseminated arsenopyrite mineralisation extends into the host dyke surrounding the larger dilationally brecciated shear zones with these haloes generally assaying between 0.5g/t to 3g/t with minimal veining. • Shallow dipping fracture veining branching from larger dilationally brecciated shear zones often carry high grade gold within close proximity, with the grade dissipating over short distances.
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:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *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.*	• All drill data used in the generation of the Resource numbers have been previously released to the ASX by either CTL, its former entity AYC or by Heron Resources (HHR). • Primary drill data used for the calculation of the resource is shown in Appendix 2.
Data aggregation methods	• *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.*	• Reported results have been weight averaged, and are reported uncut. • Multiple intersections within close proximity have been incorporated and reported together only where the structures are of a similar orientation. • Metal equivalents have not been reported.
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').*	• All results reported are down hole length and have not been corrected for true width. A large portion of the larger structures are steep dipping, and with flat holes, the intersection angle is generally close to 90°. • Combination of diamond drilling from the east and west used to reduce potential bias of drill angles. • Flat series of fracture veins potentially under drilled due to the shallow drill angle intersections with this data set.
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.*	• See Figures 1 - 4 and Appendix 2.
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*	• All final results received have been reported. • The drilling programs are ongoing within the A1 mine.

Criteria	JORC Code explanation	Commentary
	Exploration Results.	
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.*	• Surveyed hole pickups are cross checked with hole design positions and modelled development.
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.*	• The Magenta conceptual domain is still open at depth with broad zones of mineralisation encountered within the current 2017 drilling programs. Further drilling will be required to extend this domain at depth and also to provide infill to potentially upgrade resource classification.

Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code explanation	Commentary

Database integrity	• *Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.*
	• *Data validation procedures used.*
		• Surveys of drill holes, core recoveries and geological logging are entered directly into Excel spread sheets by the mine Geologist.
		• The data are directly entered into an Excel spread sheet with front-end validation including picklists.
		• This data is imported directly into a Vulcan Isis database from the Excel spread sheets. The importation that also has validation processes.
		• Drill hole survey pickups issued as Excel files that are directly imported into appropriate files.
		• All drill hole collars are labelled by drillers upon completion of the hole.
		• High grade assay results are crossed checked with corresponding logged intervals.
		• Upon receipt of and during the work for this resource estimate, Mining One made checks on the database, including checking that:
		  • drill holes plotted within the geographical limits of the A1 mine;
		  • down-hole surveys were within the expected range;
		  • down-hole azimuths were in the correct range;
		  • there were no overlapping assay intervals;
		  • there were no overlapping lithology intervals;
		  • assays used for grade estimation fell within appropriate mineralisation interpretations;
		  • Au assays fell within the generally expected limits for this style of deposit.

Site visits	• *Comment on any site visits undertaken by the Competent Person and the outcome of those visits.* • *If no site visits have been undertaken indicate why this is the case.*	• Stuart Hutchin has visited the A1 Mine site on multiple occasions over the last 12 months to inspect the underground operation and diamond drilling activities.
Geological interpretation	• *Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.* • *Nature of the data used and of any assumptions made.* • *The effect, if any, of alternative interpretations on Mineral Resource estimation.* • *The use of geology in guiding and controlling Mineral Resource estimation.* • *The factors affecting continuity both of grade and geology.*	• There is a moderate degree of confidence in the geological model of the Magenta conceptual target area. The confidence comes from the geological knowledge of the mineralisation in dyke and high grade seen within the underground development within the upper areas of the Magenta conceptual target. Recent diamond drilling has been successful in confirming the continuation of this mineralisation at depth. • The data used for the geological interpretation came from the underground exposures and the results of all previous available drilling data from both CTL and earlier HHR diamond drilling programs. • Given the current geological understanding and the ongoing mining experience within this style of mineralisation alternative interpretations of the mineralisation are

		unlikely to result in material differences to the global Mineral Resource estimate. • The Mineral Resource estimate was made within the boundaries of the geological interpretation of the Magenta conceptual target by constraining the block model by the wireframes of the mineralisation domain (see *Estimation and modelling techniques* in Section 3 of this table). • The geological continuity of the mineralisation is controlled by the extent of the host dioritic dyke, the location, thickness and extent of the host reef breccias, and the intensity of gold bearing mineralisation within the reef structures (see *Geology* in Section 2 of this table). Grade continuity is high within the reefs.
Dimensions	• *The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.*	• The Magenta conceptual target is currently defined as being 150m in strike length, averaging 40m wide and has a depth extent of 200m. The Magenta domain is located approximately 300m below surface. • The mine is accessed by way of a decline with the entrance portal at ~1690m RL.
Estimation and modelling techniques	• *The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.* • *The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.* • *The assumptions made regarding recovery of by-products.* • *Estimation of deleterious elements or other non-grade variables of economic significance (e.g. sulphur for acid mine drainage characterisation).* • *In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.* • *Any assumptions behind modelling of selective mining units.* • *Any assumptions about correlation between variables.* • *Description of how the geological interpretation was used to control the resource estimates.* • *Discussion of basis for using or not using grade cutting or capping.* • *The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.*	• Gold grades in the reefs were estimated by inverse distance which is an appropriate technique for the A1 mine reef style mineralisation. • The software package used for statistics and grade estimation was Surpac version 6.6. • Grades for the domain were estimated using composited diamond drill hole samples. Outlying sample grades greater than 75g/t Au were cut to 75g/t Au based on breaks in the Au grade sample distribution and this matched practice in a previous resource estimate. • Search radii and orientations were based the correlation between sample pairs and the need to ensure that high grade samples were not smeared too far through the into the lower grade halo material. Search directions were based on the geological understanding of the domain orientation. • There has been limited production from the Magenta domain and no reconciliation against mine production records has been possible so far. • No assumptions have been made about the recovery of by-products. • No grades were estimated for deleterious elements or other non-grade variables of economic significance. • The block model was created with a parent block size of 10m N X 10m E X 5m vertically with sub-celling allowed to 1.25m N X 1.25m E by 0.625m vertically to achieve reasonable three dimensional modelling of the domain. Au grade estimates were made at the parent block size. The parent block size along the strike direction was about half the drill section spacing. • Au grade estimation was constrained by wireframes representing the Magenta mineralised domain. Grades were estimated in three passes: the first pass used a search ellipsoid with dimensions and directions based on a 5m search radius; the second pass used a search ellipsoid with the same directions as the first pass but

		with a search radius of 10m. The third estimation pass was run using a search radius of 50m. • No assumptions were made regarding selective mining units. • No assumptions were made about correlation between variables. • The blocks representing the parts of the domain mined out via historical stoping were flagged and omitted from the Mineral Resource estimate. • Outlying samples grades greater than 75g/t Au were cut to 75g/t Au based on breaks in the Au grade sample distribution and this matched practice in a previous resource estimate. • Validations of Au grade estimates were made by comparing average global grades estimated by inverse distance with average Au global grades based on the averages of composited grades. Visual checks of estimated block grades against grades in nearby drill hole samples did not reveal any anomalies. There has been limited production from the domain and no reconciliation against mine production records has been possible so far.
Moisture	• *Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.*	• Tonnages were estimated on a dry basis.
Cut-off parameters	• *The basis of the adopted cut-off grade(s) or quality parameters applied.*	• This Mineral Resource estimate is relatively insensitive to cut-off grade over the likely range of cut-off grades that might sensibly be applied, that is, over a range of cut-off grades from 0 to 5g/t Au. The Mineral Resource has been quoted at a 3 g/t cut-off grade as this represents the potential economic cut-off for this style of mineralization within the A1 deposit. The Magenta domain resources were also reported below 1360RL, all blocks located above 1360RL have not been included within the resource.
Mining factors or assumptions	• *Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.*	• Beyond the general assumption that mining would take place underground using decline access and trackless haulage the only particular mining assumption that was made was a 1.5m minimum mining width. The minimum mining width was assumed based on the size of the mining equipment currently in use at the mine.
Metallurgical factors or assumptions	• *The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.*	• Based on mining and treatment of ore from by the Company from other parts of the A1 mine, no particular metallurgical assumptions were made beyond the general assumption that gold could be recovered in A1's gold processing plant at Maldon, which includes a coarse gold gravity circuit and a conventional CIP circuit for the gravity tail. Given the nature and tenor of the gold mineralisation, this is a reasonable assumption

Environmental factors or assumptions	• *Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.*	• The A1 mine is an operating mine that operates under and in compliance with a number of relevant operating permits which include environmental permits.
Bulk density	• *Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.* • *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc.), moisture and differences between rock and alteration zones within the deposit.* • *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.*	• Density determinations were made for the previous Mineral Resource estimate in 2013 when specific gravities of 17 samples of diamond drill core were determined during metallurgical test work in 2012. Dry specific gravities ranged from 2.70 tonnes/m^3 to 2.79 tonnes/m^3. The bulk density used for this estimate was the same as that used in 2016, that is, 2.7 tonnes/m^3 which is a reasonable estimate given the host rock petrology and mineralisation style.
Classification	• *The basis for the classification of the Mineral Resources into varying confidence categories.* • *Whether appropriate account has been taken of all relevant factors (i.e. relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).* • *Whether the result appropriately reflects the Competent Person's view of the deposit.*	• The Mineral Resource has been classified as inferred. The inferred classification is based on the fact that further infill drilling is required to provide additional verification of the Magenta domain extent and orientation of high grade zones within the larger medium grade envelope. • The domain has been mined in part historically that provides some evidence of the orientation of high grade zones within the overall domain. Further drilling will provide additional confirmation of these structures. • The Mineral Resource classification appropriately reflects the view of the Competent Person.
Audits or reviews	• *The results of any audits or reviews of Mineral Resource estimates.*	• Satisfactory reviews of the resource estimate were made by Mining One and A1 personnel.
Discussion of relative accuracy/ confidence	• *Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.* • *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be*	• The relative accuracy of the Mineral Resource estimate is reflected in the reporting of the Mineral Resource as per the guidelines of the JORC Code (2012 Edition). The block models and resource estimates are suitable for planning and scheduling of short to long-term production over periods such as monthly or quarterly. • This statement relates to local estimates of tonnes and grade. • The available production records are not adequate to allow for meaningful comparison of this estimate against production.

	relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used. • *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.*	

APPENDIX 2

Summary of Intersections Associated with the Magenta Mineral Resource

Hole ID	From (m)	To (m)	Length (m)	Grade (g/t Au)	GDA94 East	GDA94 North	RL (AHD +1000)	Depth (m)	Dip	Azimuth (Mag +12.5)	Core Size
A1UDH-060	56.50	57.00	0.50	0.54	429534.4	5848853.4	1406.4	76.70	-49.2	201.9	NQ2
	57.00	57.30	0.30	0.16							
	57.3.	58.00	0.70	1.04							
	58.00	59.00	1.00	1.60							
	59.00	60.00	1.00	2.18							
	60.00	60.40	0.40	1.32							
	60.40	61.00	0.60	0.54							
	61.00	62.00	1.00	1.45							
	62.00	63.00	1.00	0.51							
	63.00	63.60	0.60	0.67							
	63.60	64.00	0.40	1.25							
	64.00	65.00	1.00	1.64							
	65.00	66.00	1.00	1.05							
	66.00	67.00	1.00	1.56							
	67.00	68.00	1.00	0.75							
	68.00	69.00	1.00	1.06							
	69.00	70.00	1.00	0.51							
	70.00	71.00	1.00	0.37							
	71.00	72.00	1.00	0.52							
	72.00	73.00	1.00	0.65							
	73.00	73.50	0.50	1.10							
	73.50	74.40	0.90	0.23							
	74.40	75.00	0.60	0.23							
A1UDH-225	61.40	62..00	0.60	0.97	429538.0	5848778.9	1404.5	129.8	-63.0	343.0	HQ
	62.00	62.60	0.60	1.32							
	62.60	63.20	0.60	1.55							
	63.20	63.80	0.60	1.22							
	63.80	64.40	0.60	1.33							
	64.40	65.10	0.70	1.30							
	65.10	69.60	4.50	Cavity							
	69.60	70.20	0.60	1.64							
	70.20	70.60	0.40	1.93							
	70.60	71.10	0.50	0.28							
	71.10	71.60	0.50	0.16							
	71.60	72.10	0.50	0.39							
	72.10	72.70	0.60	0.41							
	72.70	73.30	0.60	0.17							
	73.30	73.70	0.40	0.23							
	73.70	74.30	0.60	0.98							
	74.30	74.65	0.35	1.08							
	74.65	75.00	0.35	0.18							
	75.00	75.40	0.40	0.27							
	75.40	76.10	0.70	0.19							
	76.10	76.70	0.60	0.16							
	76.70	77.00	0.30	0.12							
	77.00	77.40	0.40	0.15							
	77.40	78.00	0.60	0.91							
	78.00	78.60	0.60	0.74							
	78.60	79.20	0.60	0.63							
	79.20	79.80	0.60	1.84							
	79.80	80.40	0.60	0.57							

	80.40	80.75	0.35	0.56							
	80.75	81.10	0.35	0.30							
	81.10	81.50	0.40	0.28							
	81.50	81.90	0.40	0.14							
	81.90	82.20	0.30	9.82							
	82.20	82.80	0.60	0.71							
	82.80	83.40	0.60	0.63							
	83.40	84.00	0.60	0.71							
	84.00	84.60	0.60	4.06							
	84.60	85.20	0.60	1.88							
	85.20	85.80	0.60	1.36							
	85.80	86.40	0.60	2.72							
	86.40	87.00	0.60	1.10							
	87.00	87.60	0.60	1.60							
	87.60	88.20	0.60	0.98							
	88.20	88.80	0.60	0.41							
	88.80	89.40	0.60	0.61							
	89.40	90.00	0.60	1.29							
	90.00	90.60	0.60	0.51							
	90.60	91.00	0.40	0.58							
	91.00	91.45	0.45	0.47							
	91.45	92.00	0.55	0.08							
	92.00	92.60	0.60	0.05							
	92.60	93.20	0.60	0.50							
	93.20	93.80	0.60	0.11							
	93.80	94.40	0.60	0.18							
	94.40	95.00	0.60	0.09							
	95.00	95.60	0.60	0.68							
	95.60	95.90	0.30	0.64							
	95.90	96.50	0.60	0.26							
	96.50	97.00	0.50	13.10							
	97.00	97.60	0.60	0.41							
	97.60	98.20	0.60	2.28							
	98.20	98.75	0.55	1.50							
	98.75	99.30	0.55	0.66							
A1UDH-316	29.85	30.75	0.90	0.26	429556.0	5848797.0	1366.0	83.50	-34.2	316.2	NQ2
	30.75	31.15	0.40	1.21							
	31.15	31.65	0.50	1.77							
	31.65	32.65	1.00	0.23							
	32.65	33.50	0.85	0.90							
	33.50	33.75	0.25	0.43							
	33.75	34.75	1.00	0.28							
	34.75	35.75	1.00	0.57							
	35.75	36.75	1.00	1.52							
	36.75	37.75	1.00	0.47							
	37.75	38.75	1.00	0.48							
	38.75	39.75	1.00	0.66							
	39.75	40.60	0.85	0.33							
	40.60	41.60	1.00	0.44							
	41.60	42.60	1.00	0.41							
	42.60	43.60	1.00	1.04							
	43.60	44.60	1.00	0.59							
	44.60	45.60	1.00	1.03							
	45.60	46.60	1.00	0.53							
	46.60	47.60	1.00	0.40							
	47.60	48.60	1.00	1.31							
	48.60	49.60	1.00	0.30							
	49.60	50.15	0.55	3.77							
	50.15	51.15	1.00	2.70							
	51.15	51.70	0.55	0.90							
	51.70	53.80	2.10	0.49							
	53.80	54.40	0.60	0.67							

	54.40	55.40	1.00	2.27							
	55.40	56.40	1.00	1.81							
	56.40	57.40	1.00	2.36							
	57.40	58.40	1.00	1.35							
	58.40	59.40	1.00	1.69							
	59.40	60.40	1.00	4.92							
	60.40	61.40	1.00	1.41							
	61.40	62.40	1.00	1.60							
	62.40	63.40	1.00	7.07							
	63.40	64.10	0.70	1.55							
	64.10	65.00	0.90	1.84							
	65.00	65.40	0.40	11.67							
	65.40	66.40	1.00	1.85							
	66.40	67.40	1.00	1.26							
	67.40	67.70	0.30	0.62							
	67.70	68.30	0.60	0.89							
	68.30	69.30	1.00	1.32							
	69.30	70.30	1.00	0.50							
	70.30	71.30	1.00	0.57							
	71.30	72.30	1.00	0.58							
	72.30	73.30	1.00	0.28							
	73.30	74.30	1.00	0.27							
	74.30	75.15	0.85	0.44							
	75.15	75.70	0.55	18.72							
	76.00	77.00	1.00	0.73							
	77.00	78.00	1.00	1.06							
	78.00	79.00	1.00	1.10							
	79.00	80.00	1.00	1.64							
	80.00	81.00	1.00	1.14							
	81.00	82.00	1.00	2.48							
	82.00	83.00	1.00	5.28							
	83.00	83.50	0.50	0.83							
L7_0008	361.00	362.00	1.00	0.04	429516.1	5848794.0	1686.9	497.6	-87.0	154.6	NQ2
	362.00	363.00	1.00	1.64							
	363.00	364.00	1.00	0.26							
	364.00	365.00	1.00	0.12							
	365.00	366.00	1.00	0.26							
	366.00	367.00	1.00	0.80							
	367.00	368.00	1.00	1.14							
	368.00	369.00	1.00	1.50							
	369.00	370.00	1.00	1.31							
	370.00	371.00	1.00	9.14							
	371.00	372.00	1.00	2.49							
	372.00	373.00	1.00	2.72							
	373.00	374.00	1.00	3.27							
	374.00	374.60	0.60	3.93							
	374.60	376.50	1.90	Cavity							
	376.50	377.00	0.50	2.38							
	377.00	378.00	1.00	2.41							
	378.00	379.00	1.00	1.76							
	379.00	380.00	1.00	1.71							
	380.00	381.00	1.00	2.66							
	381.00	382.00	1.00	1.26							
	382.00	383.00	1.00	2.46							
	383.00	384.00	1.00	1.77							
	384.00	385.00	1.00	1.27							
	385.00	386.00	1.00	1.17							
	386.00	387.00	1.00	0.83							
	387.00	388.00	1.00	1.75							
	388.00	389.00	1.00	2.13							
	389.00	390.00	1.00	0.99							
	390.00	391.00	1.00	1.07							

	391.00	392.00	1.00	1.20							
	392.00	393.00	1.00	1.37							
	393.00	394.00	1.00	2.01							
	394.00	395.00	1.00	1.20							
	395.00	395.70	0.70	2.31							
	395.70	398.70	3.00	Cavity							
	424.00	425.00	1.00	2.04							
	425.00	426.00	1.00	1.14							
	426.00	427.00	1.00	0.39							
	427.00	427.95	0.95	0.64							
	427.95	428.25	0.30	1.62							
	428.25	428.55	0.30	1.24							
	428.55	430.00	1.45	1.46							
	430.00	431.00	1.00	2.84							
	431.00	432.00	1.00	3.27							
	432.00	433.00	1.00	4.96							
	433.00	434.00	1.00	14.00							
	434.00	435.00	1.00	9.03							
	435.00	436.00	1.00	2.70							
	436.00	437.00	1.00	1.96							
	437.00	438.00	1.00	2.95							
	438.00	439.00	1.00	9.01							
	439.00	440.00	1.00	13.30							
	440.00	441.00	1.00	16.50							
	441.00	442.00	1.00	12.50							
	442.00	443.00	1.00	2.97							
	443.00	444.00	1.00	2.51							
	444.00	445.00	1.00	12.00							
	445.00	446.00	1.00	23.60							
	446.00	447.00	1.00	9.75							
	447.00	448.00	1.00	12.80							
	448.00	449.00	1.00	5.30							
	449.00	450.00	1.00	2.29							
	450.00	451.00	1.00	9.31							
	451.00	452.00	1.00	1.52							
	452.00	452.70	0.70	1.84							
	452.70	453.00	0.30	2.61							
	453.00	454.00	1.00	2.55							
	454.00	455.00	1.00	3.16							
	455.00	456.00	1.00	1.74							
	456.00	457.00	1.00	1.86							
	457.00	458.00	1.00	1.23							
	458.00	459.00	1.00	Cavity							
	459.00	460.00	1.00	1.32							
	460.00	461.00	1.00	0.77							
	461.00	462.00	1.00	1.14							
	462.00	463.00	1.00	1.00							
	463.00	464.00	1.00	4.06							
	424.00	425.00	1.00	2.04							
	425.00	426.00	1.00	1.14							
	426.00	427.00	1.00	0.39							
L7_0010A	345.00	346.00	1.00	0.59	429485.8	5848881.4	1688.7	395.3	-81.0	138.5	HQ
	346.00	347.00	1.00	1.09							
	347.00	348.00	1.00	0.31							
	348.00	349.00	1.00	0.37							
	349.00	350.00	1.00	0.42							
	350.00	350.60	0.60	0.16							
	350.60	351.00	0.40	0.09							
	351.00	351.90	0.90	0.14							
	351.90	353.00	1.10	0.23							
	353.00	354.00	1.00	1.72							
	354.00	355.00	1.00	0.32							

	355.00	356.00	1.00	0.51							
	356.00	357.00	1.00	0.32							
	357.00	358.00	1.00	0.16							
	358.00	359.00	1.00	0.13							
	359.00	360.00	1.00	0.67							
	360.00	361.00	1.00	0.17							
	361.00	362.10	1.10	0.27							
	362.10	363.00	0.90	1.46							
	363.00	364.00	1.00	0.43							
	364.00	365.00	1.00	0.30							
	365.00	366.00	1.00	0.25							
	366.00	366.70	0.70	0.31							
	366.70	367.60	0.90	1.45							
	367.60	368.30	0.70	0.99							
	368.30	369.30	1.00	0.84							
	369.30	370.00	0.70	0.90							
	370.00	371.00	1.00	0.36							
	371.00	372.00	1.00	0.41							
	372.00	373.00	1.00	1.16							
	373.00	374.00	1.00	0.26							
	374.00	375.00	1.00	1.28							
	375.00	375.90	0.90	0.79							
	375.90	376.50	0.60	0.09							
	376.50	377.10	0.60	3.59							
	377.10	378.00	0.90	0.79							
L7_0013W2	329.80	330.40	0.60	0.87	429482.0	5848878.8	1688.7	398.4	-85.6	149.4	NQ2
	330.40	331.00	0.60	1.69							
	331.00	332.00	1.00	0.94							
	332.00	333.00	1.00	1.00							
	333.00	334.00	1.00	5.62							
	334.00	335.00	1.00	1.05							
	335.00	336.00	1.00	0.23							
	336.00	337.00	1.00	0.53							
	337.00	337.90	0.90	0.88							
	337.90	339.00	1.10	1.05							
	339.00	339.70	0.70	0.89							
	339.70	340.40	0.70	1.37							
	340.40	341.00	0.60	1.67							
	341.00	342.00	1.00	0.85							
	342.00	343.00	1.00	0.82							
	343.00	344.00	1.00	0.99							
	344.00	345.00	1.00	1.13							
	345.00	346.00	1.00	0.47							
	346.00	347.00	1.00	0.98							
	347.00	347.70	0.70	0.97							
	347.70	348.30	0.60	1.12							
	348.30	349.00	0.70	1.81							
	349.00	350.00	1.00	0.02							
	350.00	351.00	1.00	0.11							
	351.00	352.00	1.00	1.62							
	352.00	353.00	1.00	0.69							
	353.00	354.00	1.00	0.88							
	354.00	355.00	1.00	1.46							
	355.00	356.00	1.00	1.31							
	356.00	357.00	1.00	0.56							
	357.00	358.00	1.00	0.32							
	358.00	359.00	1.00	0.48							
	359.00	360.00	1.00	0.73							
	360.00	361.00	1.00	0.96							
	361.00	362.00	1.00	0.25							
	362.00	363.00	1.00	1.08							
	363.00	363.50	0.50	7.52							
	363.50	364.00	0.50	0.47							

L7_0023W1	346.00	347.00	1.00	0.21	429484.2	5848879.4	1688.7	400.0	-77.8	139.6	NQ2
	347.00	348.00	1.00	1.65							
	348.00	349.00	1.00	0.63							
	349.00	350.00	1.00	0.60							
	350.00	351.00	1.00	1.29							
	351.00	352.00	1.00	0.28							
	352.00	353.00	1.00	3.26							
	353.00	354.00	1.00	0.55							
	354.00	355.00	1.00	0.65							
	355.00	356.00	1.00	0.20							
	356.00	357.00	1.00	0.17							
	357.00	358.00	1.00	0.04							
	358.00	359.00	1.00	0.06							
	359.00	359.90	0.90	0.33							
	359.90	360.50	0.60	1.07							
	360.50	361.40	0.90	0.91							
	361.40	362.00	0.60	0.82							
	362.00	362.70	0.70	2.25							
	362.70	364.40	1.70	Cavity							
	364.40	365.00	0.60	2.63							
	365.00	366.00	1.00	0.86							
	366.00	367.00	1.00	0.87							
	367.00	368.00	1.00	1.19							
	368.00	369.00	1.00	0.96							
	369.00	370.00	1.00	0.41							
	370.00	371.00	1.00	0.52							
	371.00	372.00	1.00	0.54							
	372.00	373.00	1.00	0.24							
	373.00	374.00	1.00	0.12							
	374.00	375.00	1.00	2.86							
	375.00	376.00	1.00	0.41							
	376.00	377.00	1.00	0.51							
	377.00	378.00	1.00	0.33							
	378.00	379.00	1.00	0.39							
	379.00	379.70	0.70	0.89							
	379.70	380.50	0.80	3.29							
	380.50	381.00	0.50	0.30							
	381.00	382.00	1.00	1.15							
	382.00	383.00	1.00	1.84							
	383.00	384.10	1.10	0.71							
	384.10	385.00	0.90	0.53							
L7_0027W1	327.00	328.00	1.00	0.41	429480.9	5848878.3	1688.7	405.4	-84.6	179.1	NQ2
	328.00	329.00	1.00	1.36							
	329.00	329.60	0.60	3.34							
	329.60	330.00	0.40	0.46							
	330.00	331.00	1.00	7.42							
	331.00	332.00	1.00	1.27							
	332.00	333.00	1.00	1.13							
	333.00	334.00	1.00	1.00							
	334.00	335.00	1.00	0.85							
	335.00	336.00	1.00	0.88							
	336.00	337.00	1.00	1.26							
	337.00	338.00	1.00	1.06							
	338.00	339.00	1.00	2.21							
	339.00	340.00	1.00	6.07							
	340.00	341.00	1.00	0.45							
	341.00	342.00	1.00	2.18							
	342.00	343.00	1.00	1.02							
	343.00	344.10	1.10	1.36							
	344.10	344.75	0.65	0.68							
	344.75	345.40	0.65	0.90							
	345.40	346.00	0.60	3.43							
	346.00	347.00	1.00	0.78							

	346.00	347.00	1.00	0.78							
	347.00	348.00	1.00	1.59							
	348.00	348.40	0.40	0.33							
	348.40	349.00	0.60	0.64							
	349.00	350.00	1.00	1.23							
	350.00	351.00	1.00	7.84							
	351.00	352.00	1.00	1.23							
	352.00	353.00	1.00	1.10							
	353.00	354.00	1.00	1.38							
	354.00	355.00	1.00	1.11							
	355.00	356.00	1.00	1.24							
	356.00	357.00	1.00	0.60							
	357.00	357.40	0.40	1.29							
	357.40	357.60	0.20	Cavity							
	357.60	357.90	0.30	0.49							
	357.90	360.00	2.10	Cavity							
	360.00	361.00	1.00	2.63							
	361.00	361.40	0.40	1.29							
	361.40	362.00	0.60	1.31							
	362.00	363.00	1.00	1.25							
	363.00	364.00	1.00	3.84							
	364.00	365.00	1.00	1.18							
	365.00	366.00	1.00	2.36							
	366.00	367.00	1.00	1.44							
	367.00	368.00	1.00	1.15							
	368.00	369.00	1.00	1.78							
	369.00	370.00	1.00	1.48							
	370.00	371.00	1.00	1.30							
	371.00	372.00	1.00	1.75							
	372.00	373.00	1.00	1.97							
	373.00	374.00	1.00	1.29							
	374.00	374.30	0.30	2.08							
	374.30	374.85	0.55	1.21							
	374.85	375.15	0.30	6.66							
	375.15	376.00	0.85	1.43							
	376.00	376.85	0.85	1.74							
	376.85	377.15	0.30	45.70							
	377.15	378.00	0.85	1.05							
	378.00	379.00	1.00	1.78							
	379.00	379.30	0.30	1.28							
	379.30	380.00	0.70	1.18							
	380.00	381.00	1.00	1.92							
	381.00	382.00	1.00	1.15							
	382.00	383.00	1.00	1.16							
	383.00	384.00	1.00	0.83							
	384.00	385.00	1.00	1.57							
	385.00	386.00	1.00	3.43							
	386.00	387.00	1.00	14.00							
	387.00	388.00	1.00	1.89							
	388.00	389.00	1.00	3.64							
	389.00	390.00	1.00	1.02							
	390.00	391.00	1.00	0.90							
	391.00	392.00	1.00	1.17							
	392.00	393.00	1.00	1.57							
	393.00	394.00	1.00	0.81							
	394.00	395.00	1.00	1.04							
	395.00	396.00	1.00	1.87							
	396.00	397.00	1.00	1.04							
	397.00	398.00	1.00	0.70							
L7_0046	354.00	354.50	0.50	0.22	429481.7	5848878.2	1688.7	512.7	-81.1	160.3	NQ2
	354.50	355.00	0.50	1.13							
	355.00	355.50	0.50	1.42							
	355.50	356.00	0.50	1.10							

	356.00	356.50	0.50	2.01							
	356.50	357.00	0.50	2.87							
	357.00	357.50	0.50	11.20							
	357.50	358.00	0.50	0.88							
	358.00	358.50	0.50	1.32							
	358.50	359.00	0.50	0.91							
	359.00	359.50	0.50	0.71							
	359.50	360.00	0.50	0.47							
	360.00	360.50	0.50	3.89							
	360.50	361.00	0.50	1.13							
	361.00	361.50	0.50	1.03							
	361.50	362.00	0.50	1.09							
	362.00	362.50	0.50	3.25							
	362.50	363.00	0.50	7.49							
	363.00	363.50	0.50	9.23							
	363.50	364.10	0.60	0.94							
	364.10	364.50	0.40	2.90							
	364.50	365.00	0.50	0.90							
	365.00	365.50	0.50	1.24							
	365.50	366.00	0.50	0.88							
	366.00	366.50	0.50	1.32							
	366.50	367.00	0.50	0.66							
	367.00	367.50	0.50	1.06							
	367.50	368.00	0.50	1.20							
	368.00	368.50	0.50	0.94							
	368.50	369.00	0.50	0.46							
	369.00	369.50	0.50	0.66							
	369.50	370.00	0.50	0.70							
	370.00	370.50	0.50	0.76							
	370.50	371.00	0.50	1.38							
	371.00	371.50	0.50	0.45							
	371.50	372.10	0.60	0.50							
	372.10	373.00	0.90	5.25							
	373.00	374.00	1.00	7.34							
	374.00	375.00	1.00	4.00							
	375.00	376.00	1.00	1.21							
	376.00	377.00	1.00	1.69							
	377.00	378.00	1.00	1.13							
	378.00	379.00	1.00	1.13							
	379.00	380.00	1.00	1.54							
	380.00	381.00	1.00	1.44							
	381.00	382.00	1.00	1.56							
	382.00	383.00	1.00	1.38							
	383.00	384.00	1.00	2.05							
	384.00	385.00	1.00	1.35							
	385.00	386.00	1.00	2.94							
	386.00	387.00	1.00	1.38							
	387.00	388.00	1.00	1.93							
	388.00	389.00	1.00	2.31							
	389.00	390.00	1.00	1.78							
	390.00	391.00	1.00	2.39							
	391.00	391.80	0.80	1.69							
	391.80	392.30	0.50	1.43							
	392.30	393.00	0.70	0.99							
	393.00	394.00	1.00	1.30							
	394.00	395.00	1.00	1.48							
	395.00	396.00	1.00	0.96							
	396.00	397.00	1.00	1.47							
	397.00	398.00	1.00	2.95							
	398.00	399.00	1.00	2.57							
	399.00	400.00	1.00	1.06							
	400.00	401.00	1.00	1.50							
	401.00	402.00	1.00	2.18							

	402.00	403.00	1.00	1.57							
	403.00	405.00	2.00	1.40							
	405.00	406.00	1.00	4.31							
	406.00	407.00	1.00	1.46							
	407.00	408.00	1.00	0.91							
	408.00	409.00	1.00	0.69							
	409.00	410.00	1.00	1.18							
	410.00	411.00	1.00	0.63							
	411.00	412.00	1.00	0.34							
	412.00	413.00	1.00	0.21							
	413.00	414.00	1.00	0.64							
	414.00	415.00	1.00	0.78							
	415.00	416.00	1.00	0.28							
	416.00	417.00	1.00	0.43							
	417.00	418.00	1.00	1.15							
	418.00	419.00	1.00	0.54							
	419.00	420.00	1.00	0.44							
	420.00	421.00	1.00	0.57							
	421.00	422.00	1.00	1.00							
	422.00	423.00	1.00	0.64							
	423.00	424.00	1.00	0.95							
	424.00	425.00	1.00	1.37							
	425.00	426.00	1.00	1.34							
	426.00	427.00	1.00	3.20							
	427.00	428.00	1.00	1.50							
	428.00	429.00	1.00	1.29							
	429.00	430.00	1.00	1.30							
	430.00	431.00	1.00	1.30							
	431.00	432.00	1.00	1.25							
	432.00	432.80	0.80	0.25							
	432.80	433.40	0.60	0.86							
	433.40	434.00	0.60	1.49							
	434.00	435.00	1.00	1.00							
	435.00	436.00	1.00	0.80							
	436.00	437.00	1.00	1.03							
	437.00	438.00	1.00	0.97							
	438.00	439.00	1.00	0.90							
	439.00	440.00	1.00	1.09							
	440.00	441.00	1.00	3.93							
	441.00	442.00	1.00	1.50							
	442.00	443.00	1.00	2.14							
	443.00	444.00	1.00	2.81							
	444.00	445.00	1.00	2.43							
	445.00	446.00	1.00	1.76							
	446.00	447.00	1.00	1.91							
	447.00	448.00	1.00	1.64							
	448.00	449.00	1.00	1.32							
	449.00	450.00	1.00	1.32							
	450.00	451.00	1.00	1.69							
	451.00	452.00	1.00	1.74							
	452.00	453.00	1.00	2.11							
	453.00	454.00	1.00	1.58							
	454.00	455.00	1.00	1.49							
	455.00	456.00	1.00	1.43							
	456.00	457.00	1.00	1.43							
	457.00	458.00	1.00	1.63							
	458.00	459.00	1.00	1.24							
	459.00	460.00	1.00	1.22							
	460.00	461.00	1.00	1.85							
	461.00	462.00	1.00	1.01							
	462.00	463.00	1.00	1.59							
	463.00	464.00	1.00	1.42							
	464.00	465.00	1.00	1.58							

	465.00	466.00	1.00	1.68							
	466.00	467.00	1.00	1.45							
	467.00	468.00	1.00	6.70							
	468.00	468.80	0.80	1.76							
	468.80	469.50	0.70	1.00							
	469.50	470.20	0.70	1.49							
	470.20	471.00	0.80	1.30							
	471.00	472.00	1.00	2.59							
	472.00	473.00	1.00	1.83							
	473.00	474.00	1.00	1.55							
	474.00	475.00	1.00	1.80							
	475.00	476.00	1.00	1.41							
	476.00	477.00	1.00	1.72							
	477.00	478.00	1.00	1.73							
	478.00	479.00	1.00	1.75							
	479.00	480.00	1.00	1.70							
	480.00	481.00	1.00	1.63							
	481.00	482.00	1.00	1.95							
	482.00	483.00	1.00	6.45							
	483.00	484.00	1.00	1.71							
	484.00	485.00	1.00	1.25							
	485.00	486.00	1.00	1.16							
	486.00	487.00	1.00	1.28							
	487.00	488.00	1.00	1.32							
	488.00	488.50	0.50	1.04							
	488.50	489.00	0.50	1.08							
	489.00	490.00	1.00	1.23							
	490.00	491.00	1.00	2.46							
	491.00	492.00	1.00	1.43							
	492.00	493.00	1.00	2.34							
	493.00	494.00	1.00	2.07							
	494.00	494.60	0.60	1.79							
	494.60	495.30	0.70	0.50							
	495.30	496.00	0.70	1.68							
	496.00	497.00	1.00	2.17							
	497.00	498.00	1.00	1.81							
	498.00	499.00	1.00	1.73							
	499.00	500.00	1.00	1.65							
	500.00	501.00	1.00	1.13							
	501.00	502.00	1.00	1.63							
	502.00	503.00	1.00	1.75							
	503.00	504.00	1.00	1.80							
	504.00	505.00	1.00	1.83							
	505.00	506.00	1.00	1.47							
	506.00	507.00	1.00	1.30							
	507.00	508.00	1.00	0.30							
A1UDH-231	83.30	83.80	0.50	0.82	429537.9	5848778.9	1404.5	158.8	-57.6	315.3	NQ2
	83.80	84.30	0.50	1.01							
	84.30	84.80	0.50	1.66							
	84.80	85.30	0.50	1.49							
	85.30	85.80	0.50	1.45							
	85.80	86.30	0.50	1.34							
	86.30	86.80	0.50	1.48							
	86.80	87.30	0.50	1.44							
	87.30	87.75	0.45	2.02							
	87.75	88.20	0.45	1.60							
	88.20	88.70	0.50	1.18							
	88.70	89.00	0.30	2.13							
	89.00	89.50	0.50	5.64							
	89.50	89.90	0.40	26.29							
	89.90	90.40	0.50	3.49							
	103.50	103.90	0.40	10.27							
	103.90	104.20	0.30	0.50							

	104.20	104.70	0.50	1.56							
	104.70	105.20	0.50	1.34							
	105.20	105.70	0.50	1.63							
	105.70	106.20	0.50	1.60							
	106.20	106.60	0.40	1.16							
	106.60	106.90	0.30	1.01							
	106.90	107.30	0.40	5.98							
	107.30	107.80	0.50	0.70							
	107.80	108.30	0.50	1.81							
	108.30	108.80	0.50	1.94							
	108.80	109.30	0.50	2.90							
	109.30	109.80	0.50	1.36							
	109.80	110.30	0.50	1.39							
	110.30	110.65	0.35	1.80							
	110.65	111.00	0.35	1.91							
	111.00	111.50	0.50	29.03							
	111.50	112.00	0.50	0.90							
	112.00	112.40	0.40	3.62							
	112.40	112.80	0.40	1.92							
	112.80	113.25	0.45	2.22							
	113.25	113.70	0.45	0.69							
	113.70	114.20	0.50	1.02							
	114.20	114.70	0.50	1.44							
	114.70	115.20	0.50	1.29							
	115.20	115.70	0.50	1.26							
	115.70	116.20	0.50	3.32							
	116.20	116.70	0.50	1.46							
	116.70	117.20	0.50	2.45							
	117.20	117.70	0.50	12.88							
	117.70	118.20	0.50	2.21							
	118.20	118.70	0.50	1.69							
	118.70	119.20	0.50	6.49							
	119.20	119.50	0.30	1.49							
	119.50	120.00	0.50	1.27							
	120.00	120.40	0.40	2.51							
	120.40	120.80	0.40	0.95							
	120.80	121.10	0.30	0.70							
A1UDH-322	26.80	27.80	1.00	0.49	429526.8	5848809.5	1370.4	77.5	-52.3	298.9	NQ2
	27.80	28.80	1.00	0.97							
	28.80	29.20	0.40	1.63							
	29.20	32.10	2.90	Cavity							
	32.10	33.10	1.00	6.28							
	33.10	33.60	0.50	1.95							
	33.60	34.20	0.60	2.11							
	34.20	34.50	0.30	Cavity							
	34.50	35.50	1.00	2.24							
	35.50	36.50	1.00	2.73							
	36.50	37.50	1.00	2.74							
	37.50	38.50	1.00	2.60							
	38.50	39.50	1.00	1.68							
	39.50	40.50	1.00	1.16							
	40.50	41.50	1.00	4.25							
	41.50	42.50	1.00	1.49							
	42.50	43.50	1.00	1.29							
	43.50	44.50	1.00	1.11							
	44.50	45.50	1.00	1.35							
	45.50	46.50	1.00	0.94							
	46.50	47.50	1.00	1.19							
	47.50	48.50	1.00	1.77							
	48.50	49.50	1.00	1.29							
	49.50	50.50	1.00	1.26							
	50.50	51.50	1.00	1.45							
	51.50	52.20	0.70	1.38							

	52.20	52.50	0.30	4.11							
	52.50	53.50	1.00	1.07							
	53.50	54.50	1.00	1.28							
	54.50	55.50	1.00	1.26							
	55.50	56.50	1.00	1.29							
	56.50	57.50	1.00	1.87							
	57.50	58.50	1.00	1.81							
	58.50	59.50	1.00	0.92							
	59.50	60.25	0.75	8.57							
	60.25	60.70	0.45	4.66							
	60.70	61.70	1.00	1.65							
	61.70	62.70	1.00	1.29							
	62.70	63.70	1.00	1.94							
	63.70	64.70	1.00	0.91							
	64.70	65.70	1.00	1.12							
	65.70	66.50	0.80	0.97							
	66.50	67.50	1.00	1.24							
	67.50	68.50	1.00	6.29							
	68.50	69.50	1.00	0.58							
A1UDH-323	30.80	31.80	1.00	0.63	429522.6	5848753.3	1360.1	117.1	+14.8	128.5	NQ2
	31.80	32.50	0.70	14.59							
	32.50	32.90	0.40	2.96							
	32.90	33.90	1.00	0.45							
	39.10	40.10	1.00	0.50							
	40.10	41.00	0.90	12.35							
	41.00	42.00	1.00	0.04							
	94.00	94.30	0.30	0.17							
	94.30	95.00	0.70	9.35							
	95.00	96.00	1.00	0.23							
	96.00	97.00	1.00	83.20							
	97.00	98.00	1.00	0.06							
A1UDH-324	37.60	38.30	0.70	0.30	429520.8	5848757.0	1357.2	54.0	-60.4	18.4	HQ2
	38.30	39.00	0.70	22.73							
	45.80	46.40	0.60	2.11							
	46.40	46.70	0.30	1.34							
	46.70	47.40	0.70	1.40							
	47.40	48.10	0.70	1.27							
	48.10	48.80	0.70	1.84							
	48.80	49.30	0.50	2.21							
	49.30	49.70	0.40	2.29							
	49.70	50.00	0.30	2.50							
	50.00	50.70	0.70	3.25							
	50.70	51.30	0.60	3.10							
	51.30	51.70	0.40	2.60							
	51.70	54.00	2.30	Cavity							
A1UDH-325	57.60	58.10	0.50	0.15	429520.7	5848756.5	1357.3	180.4	-81.1	17.6	NQ2
	58.10	59.10	1.00	2.89							
	59.10	60.00	0.90	4.08							
	60.00	61.00	1.00	2.38							
	61.00	62.00	1.00	2.18							
	62.00	63.00	1.00	4.26							
	63.00	63.60	0.60	3.05							
	63.60	64.60	1.00	2.23							
	64.60	65.60	1.00	4.92							
	65.60	66.60	1.00	4.97							
	66.60	67.60	1.00	1.60							
	67.60	68.60	1.00	5.87							
	68.60	69.60	1.00	2.56							
	69.60	70.60	1.00	2.13							
	70.60	71.50	0.90	1.29							
	71.50	72.30	0.80	3.98							

	72.30	72.40	0.10	Cavity							
	72.40	73.40	1.00	1.57							
	73.40	74.40	1.00	2.17							
	74.40	75.40	1.00	1.01							
	75.40	76.40	1.00	4.38							
	76.40	77.40	1.00	1.10							
	77.40	78.40	1.00	0.88							
	78.40	79.20	0.80	1.59							
	79.20	79.80	0.60	2.06							
	79.80	79.90	0.10	0.71							
	79.90	80.40	0.50	4.20							
	80.40	81.40	1.00	6.48							
	81.40	82.40	1.00	2.84							
	82.40	83.40	1.00	1.66							
	83.40	84.40	1.00	4.94							
	84.40	85.40	1.00	4.31							
	85.40	86.40	1.00	3.95							
	86.40	86.90	0.50	6.99							
	86.90	87.90	1.00	5.01							
	87.90	88.35	0.45	3.03							
	104.30	105.30	1.00	2.92							
	105.30	106.30	1.00	3.00							
	106.30	107.30	1.00	3.27							
	107.30	107.90	0.60	3.50							
	107.90	108.40	1.00	14.27							
	108.40	109.40	1.00	3.15							
	109.40	110.40	1.00	1.78							
	110.40	111.40	1.00	8.31							
	111.40	112.00	0.60	22.84							
	112.00	112.40	0.40	16.78							
	112.40	112.85	0.45	21.97							
	112.85	113.50	0.65	26.09							
	113.50	114.50	1.00	24.80							
	114.50	115.00	0.50	19.83							
	115.00	116.00	1.00	22.05							
	116.00	117.00	1.00	21.65							
	117.00	118.00	1.00	20.65							
	118.00	119.00	1.00	20.28							
	119.00	119.80	0.80	9.09							
	119.80	120.80	1.00	1.68							
	120.80	121.80	1.00	4.27							
	121.80	122.80	1.00	2.97							
	122.80	123.80	1.00	2.47							
	123.80	124.80	1.00	2.11							
	124.80	125.80	1.00	1.97							
	125.80	126.80	1.00	2.30							
	126.80	127.80	1.00	2.51							
	127.80	128.80	1.00	2.38							
	128.80	129.80	1.00	2.62							
	129.80	130.80	1.00	2.39							
	130.80	131.80	1.00	1.54							
	131.80	132.80	1.00	1.40							
	132.80	133.80	1.00	1.21							
	133.80	134.80	1.00	2.23							
	134.80	135.80	1.00	1.24							
	135.80	136.80	1.00	1.45							
	136.80	137.80	1.00	3.50							
	137.80	138.80	1.00	0.62							
	138.80	139.80	1.00	0.25							
A1UDH-326	46.10	47.00	0.90	0.10	429521.1	5848758.2	1357.3	91.6	-36	19.6	NQ2
	47.00	48.00	1.00	11.41							
	48.00	49.00	1.00	0.60							
	61.00	62.00	1.00	0.37							

	62.00	62.88	0.88	1.20							
	62.88	64.00	1.12	3.46							
	64.00	65.00	1.00	4.27							
	65.00	66.00	1.00	1.06							
	66.00	67.00	1.00	3.85							
	67.00	68.00	1.00	2.39							
	68.00	68.45	0.45	2.35							
	68.45	69.14	0.69	3.80							
	69.14	69.55	0.41	1.73							
	69.55	70.35	0.80	0.74							
	38.00	38.50	0.50	0.09	429501.4	5848798.3	1351.7	150.4	-73.4	138.2	NQ2
A1UDH-327	38.50	39.25	0.75	26.62							
	39.25	40.00	0.75	0.21							
	45.00	46.00	1.00	0.65							
	46.10	47.00	0.90	4.70							
	47.00	48.00	1.00	1.68							
	48.00	48.60	0.60	2.72							
	48.60	51.20	2.60	Cavity							
	51.20	52.00	0.80	3.55							
	52.00	53.00	1.00	4.17							
	53.00	54.00	1.00	3.14							
	54.00	55.00	1.00	1.75							
	55.00	56.00	1.00	0.83							
	56.00	57.00	1.00	2.06							
	57.00	58.00	1.00	3.89							
	58.00	59.00	1.00	3.99							
	59.00	60.00	1.00	2.23							
	60.00	61.00	1.00	2.67							
	61.00	62.00	1.00	0.98							
	62.00	63.00	1.00	1.59							
	63.00	64.00	1.00	2.03							
	64.00	65.00	1.00	1.19							
	65.00	65.50	0.50	1.25							
	65.50	66.20	0.70	0.63							
	66.20	67.00	0.80	2.11							
	67.00	68.00	1.00	1.92							
	68.00	68.45	0.45	1.61							
	68.45	69.40	0.95	0.14							
	69.40	70.00	0.60	3.23							
	70.00	71.00	1.00	1.91							
	71.00	72.00	1.00	1.83							
	72.00	73.00	1.00	1.71							
	73.00	74.00	1.00	1.93							
	74.00	75.00	1.00	1.15							
	75.00	76.00	1.00	1.17							
	76.00	77.00	1.00	1.89							
	77.00	78.00	1.00	1.44							
	78.00	79.00	1.00	1.53							
	79.00	80.00	1.00	1.99							
	80.00	81.00	1.00	2.43							
	81.00	82.00	1.00	2.14							
	82.00	83.00	1.00	1.70							
	83.00	84.00	1.00	1.84							
	84.00	85.00	1.00	2.97							
	85.00	86.00	1.00	3.80							
	86.00	87.00	1.00	2.14							
	87.00	88.00	1.00	7.33							
	88.00	89.00	1.00	3.52							
	89.00	90.00	1.00	4.55							
	90.00	91.00	1.00	3.04							
	91.00	92.00	1.00	2.23							
	92.00	92.95	0.95	2.97							

	92.95	94.00	1.05	0.58							
	94.00	95.00	1.00	1.11							
	95.00	95.25	0.25	3.24							
	95.25	96.00	0.75	1.39							
	96.00	97.00	1.00	1.36							
	97.00	98.00	1.00	1.95							
	98.00	99.00	1.00	1.83							
	99.00	100.00	1.00	2.10							
	100.00	101.00	1.00	1.83							
	101.00	102.00	1.00	2.61							
	102.00	103.00	1.00	8.12							
	103.00	104.00	1.00	3.95							
	104.00	105.00	1.00	2.07							
	105.00	106.00	1.00	5.26							
	106.00	107.00	1.00	1.67							
	107.00	108.00	1.00	1.90							
	108.00	109.00	1.00	1.96							
	109.00	110.00	1.00	1.95							
	110.00	111.00	1.00	2.24							
	111.00	112.00	1.00	2.46							
	112.00	113.00	1.00	2.01							
	113.00	114.00	1.00	1.66							
	114.00	115.00	1.00	16.77							
	115.00	116.00	1.00	1.73							
	116.00	117.00	1.00	4.88							
	117.00	118.00	1.00	12.71							
	118.00	119.00	1.00	12.83							
	119.00	119.44	0.44	2.61							
	119.44	120.00	0.56	1.02							
	120.00	120.70	0.70	0.59							
	120.70	121.00	0.30	1.10							
	121.00	122.00	1.00	1.27							
	122.00	123.00	1.00	2.24							
	123.00	124.00	1.00	2.09							
	124.00	125.00	1.00	1.90							
	125.00	126.00	1.00	2.26							
	126.00	127.00	1.00	1.69							
	127.00	128.00	1.00	6.68							
	141.40	142.00	0.60	22.31							
	142.00	143.00	1.00	0.07							
A1UDH-328	48.00	49.00	1.00	0.19	429501.7	5848797.6	1351.6	147.4	-70.6	150.7	NQ2
	49.00	50.00	1.00	1.92							
	50.00	51.00	1.00	1.39							
	51.00	51.70	0.70	22.12							
	51.70	54.40	2.70	Cavity							
	54.40	55.00	0.60	9.55							
	55.00	56.00	1.00	12.59							
	56.00	57.00	1.00	3.10							
	57.00	58.00	1.00	3.96							
	58.00	59.00	1.00	2.49							
	59.00	60.00	1.00	2.75							
	60.00	61.00	1.00	2.22							
	61.00	62.00	1.00	1.86							
	62.00	63.00	1.00	1.47							
	63.00	64.00	1.00	1.22							
	64.00	64.20	0.20	1.61							
	64.20	64.50	0.30	0.14							
	64.50	66.90	2.40	Cavity							
	66.90	68.00	1.10	0.80							
	68.00	68.85	0.85	1.04							
	68.85	70.00	1.15	1.41							
	70.00	71.00	1.00	2.58							

	71.00	72.00	1.00	1.02							
	72.00	73.00	1.00	2.70							
	73.00	74.00	1.00	1.89							
	74.00	75.00	1.00	3.08							
	75.00	76.00	1.00	2.50							
	76.00	77.00	1.00	2.66							
	77.00	78.00	1.00	3.38							
	78.00	79.00	1.00	4.62							
	79.00	80.00	1.00	3.87							
	80.00	81.00	1.00	2.35							
	81.00	82.00	1.00	5.40							
	82.00	83.00	1.00	8.78							
	83.00	84.00	1.00	8.31							
	84.00	85.00	1.00	7.32							
	85.00	85.65	0.65	8.07							
	85.65	86.15	0.50	0.73							
	109.85	110.80	0.95	0.57							
	110.80	112.00	1.20	3.55							
	112.00	113.00	1.00	1.70							
	113.00	114.00	1.00	1.76							
	114.00	115.00	1.00	1.62							
	115.00	116.00	1.00	1.53							
	116.00	117.00	1.00	1.40							
	117.00	118.00	1.00	1.61							
	118.00	119.00	1.00	2.06							
	119.00	120.00	1.00	3.18							
	120.00	121.00	1.00	3.02							
	121.00	122.00	1.00	5.94							
	122.00	123.00	1.00	3.49							
	123.00	124.00	1.00	1.79							
	124.00	125.00	1.00	11.27							
	125.00	126.00	1.00	1.66							
	126.00	127.00	1.00	1.60							
	127.00	128.00	1.00	1.50							
	128.00	129.00	1.00	1.00							
	129.00	130.00	1.00	1.44							
	130.00	131.00	1.00	1.83							
	131.00	132.00	1.00	1.32							
	132.00	133.00	1.00	1.21							
	133.00	134.00	1.00	1.44							
	134.00	135.00	1.00	2.12							
	135.00	136.00	1.00	2.18							
	136.00	136.70	0.70	1.86							
	136.70	137.00	0.30	2.61							
	137.00	138.00	1.00	2.31							
	138.00	139.00	1.00	2.18							
	139.00	140.00	1.00	2.31							
	140.00	141.00	1.00	1.85							
	141.00	142.00	1.00	3.10							
	142.00	143.00	1.00	2.45							
	143.00	144.00	1.00	2.77							
	144.00	145.00	1.00	3.12							
	145.00	146.00	1.00	2.68							
	146.00	147.00	1.00	3.00							
	147.00	147.40	0.40	3.52							
	147.40	148.00	0.60	2.05							
	148.00	149.00	1.00	2.45							
	149.00	150.00	1.00	2.18							
	150.00	151.00	1.00	1.63							
	151.00	151.50	0.50	1.79							
	151.50	152.50	1.00	0.53							
	152.50	153.00	0.50	1.66							

	153.00	154.00	1.00	6.71							
	154.00	155.00	1.00	3.13							
	155.00	156.00	1.00	1.36							
	156.00	157.00	1.00	2.02							
	157.00	158.00	1.00	1.32							
	158.00	158.25	0.25	1.15							
	158.25	159.00	0.75	0.59							
	159.00	159.65	0.65	0.08							