

ASX:AUN

ABOUT AURUMIN

Aurumin Limited (ACN 639 427 099) (Aurumin or Company) is an Australian exploration company with advanced projects.

AURUMIN BOARD

Piers Lewis Non Executive Chairman

Brad Valiukas Managing Director

Shaun Day Non Executive Director

Darren Holden Non Executive Director

CAPITAL STRUCTURE

- 139.2 million shares
- 34.4 million options

PROJECTS

- Central Sandstone
- Mt Dimer
- Mt Palmer
- Johnson Range
- Karramindie

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CENTRAL SANDSTONE EXPLORATION UPDATE

224.0m @ 1.5g/t Au AT TWO MILE HILL, FROM SECOND HOLE ASSAYED

Aurumin Limited (ASX: AUN) ("Aurumin" or "the Company") is pleased to announce assay results have been returned for a second hole of the recently completed Reverse Circulation (RC) and Diamond Drilling programme at its 100% owned **Central Sandstone Gold Project**. Drilling is seeking to both extend and better define the Company's previously reported **inferred** underground Mineral Resource Estimate (MRE) of **14.2Mt @ 1.1g/t Au for 500koz Au at Two Mile Hill**.¹

Hole **SN_TM_RD_22_0004 returned a total intersection of 224.0m @ 1.5g/t Au** from 229.6m down hole. Highlights within the larger interval include:

- 49.6m @ 2.0g/t Au from 269.0m;
- 20.2m @ 2.6g/t Au from 325.2m;
- 12m @ 3.7g/t Au from 381.4; and
- 9.0m @ 2.2g/t Au from 427.2m

Hole **SN_TM_RD_22_0004** was drilled using a non-coring bit from surface through the eastern mafic (basalt) domain to a depth of 86.9m. Below 86.9m the drilling method was by diamond core, extending the hole to a down-hole depth of 511.4m through the tonalite intrusive and into the western mafic domain. Assays for diamond drill holes SN_TM_RD_22_0001 and SN_TM_RD_22_0003 remain outstanding from the assay laboratory.

Aurumin's Managing Director, Brad Valiukas, commented:

"We are very happy with how Sandstone is progressing. We have been expanding our tenement footprint, looking for new deposits and advancing the currently inferred 500koz Au Two Mile Hill underground deposit with deep holes.

"This is another great result from Two Mile Hill. Like many other companies, we are frustrated by laboratory turnaround times on assays. We look forward to further results and, expect to see results for the final two diamond holes, of the four hole programme, this month.

"We continue to see the Two Mile Hill underground deposit as a key part of the project going forward, with the scale to potentially underpin future production." 11 August 2022 ASX:AUN





Figure 1 – Oblique Section showing SN_TM_RD_22_0004



Drilling and Geology Summary

Drilling is seeking to both extend and better define the Company's previously reported **inferred** underground Mineral Resource Estimate (MRE) of 14.2Mt @ 1.1g/t Au for **500koz Au** at Two Mile Hill, with a focus on the tonalite intrusion between 250m and 500m below surface.^{1,2}

The mineralisation at Two Mile Hill is hosted in three geological domains. The majority of the Two Mile Hill resource occurs within a tonalite intrusion. Mineralisation also occurs within banded iron formation (BIF) beds, and within the basalts that host the tonalite intrusion. The tonalite intrusion is approximately oblate in plan, dipping ~78° towards 281°. Tonalite hosted mineralisation occurs predominantly as fine free gold within a sheeted/stockwork quartz vein array.

The orientation of the sheeted vein array is variable but on average is orthogonal to the estimated axis of the tonalite, with the axis of the tonalite plunging approximately 78° towards 281°. There is significant variability in the dip direction but on average veins dip shallowly and are orthogonal to the tonalite plunge (Figure 2 and Figure 3). The drilling is designed to test the Two Mile Hill tonalite volume with drilling intersecting veining orthogonally.

As more drilling and structural information at depth is acquired, a more complete understanding of potential mineralisation domains and geometry will allow for better geological interpretation and model generation. AUN will be in a position to talk about true widths of mineralisation once data density and knowledge of controls is increased.



Figure 2. - Diamond core from SN_TM_RD_22_0004; 272.85 to 277.4m showing mineralised sheeted vein orientation relative to core in the Two Mile Hill tonalite





Figure 3. - Two Mile Hill Open pit looking NNE, showing mafic (basalt), tonalite intrusion, veining

REFERENCES

ASX ANNOUNCEMENTS

1	16-Dec-21	Aurumin To Acquire 784,000oz Au Sandstone Gold Project
2	02-May-22	Drilling To Commence at Sandstone
3	11-Jul-22	344m @ 1.29g/t Au in First Aurumin Diamond Hole At Two Mile

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Authorisation for release

The Aurumin Board has authorised this announcement for release.

For further information, please contact

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Competent Person Statements

The information in this announcement that relates to historical exploration results, data quality, geological interpretations and mineral resources for the Central Sandstone Project was first released in the Company's announcements 16 December 2021. The Company confirms that it is not aware of any new information or data that materially affects the information included in the announcement and confirms that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

The information in this announcement that relates to 2022 exploration results, data quality and geological interpretations for the Central Sandstone Project is based on information compiled by Peter Aldridge, a Competent Person who is a Member of the Australian Institute of Geoscientists and a full-time employee of Aurumin Limited. Mr Aldridge has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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 Aldridge consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

About Aurumin Limited

Aurumin Limited is an ASX-listed mineral exploration company focused on two project areas in Western Australia.

The **Sandstone Gold Operations** were cornerstoned by the acquisition of the **Central Sandstone Project** by the Company in early 2022.

- The **Central Sandstone Project** comprises a **784,000 ounce gold mineral resource** and significant project infrastructure that the Company aims to use to support a gold mining operation in the future.
- The Company's Johnson Range Project has a Mineral Resource of 64,700 ounces at a grade of 2.51g/t Au, located midway between Southern Cross and Sandstone.

In addition to the Sandstone Gold Operations, the Company has a significant landholding at its **Southern Cross Operations**, including two historical high-grade production centres, Mt Dimer and Mt Palmer.

- The **Mt Dimer Project** produced over 125,000 ounces of gold from open pit and underground production of approximately 600,000 tonnes @ 6.4 g/t, and has a substantial tenure footprint.
- The historical **Mt Palmer Project** produced via open pit and underground methods, generating approximately 158,000 ounces of gold at an average grade of 15.9 g/t.

The Company is actively exploring its tenements and pursuing further acquisitions that complement its existing focus and create additional Shareholder value.

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Annexure A – Mineral Resource Table

Central Sandstone Project¹

Sandstone Mineral Resources, 16 December 2021										
	Indicated			Inferred			Total			
Deposit	Tonnes	Grade	Au	Tonnes	Grade	Au	Tonnes	Grade	Au	
	(kt)	(g/t Au)	(oz)	(kt)	(g/t Au)	(oz)	(kt)	(g/t Au)	(oz)	
Sandstone Open Pit Deposits – Summary Mineral Resource Estimates (2012 JORC Code) at 0.5g/t cut-off										
Two Mile Hill	1,901	1.1	66,000	178	0.8	5,000	2,078	1.1	71,000	
Shillington	1,440	1.2	57,200	830	1.1	29,300	2,270	1.2	86,500	
Wirraminna	300	1.3	12,100	280	1.1	9,700	580	1.2	21,800	
Old Town Well	282	1.0	8,800	68	0.6	1,400	351	0.9	10,100	
Plum Pudding	384	1.1	13,100	35	0.9	1,000	419	1.1	14,100	
Eureka	340	0.9	9,700	221	0.9	6,500	561	0.9	16,200	
Twin Shafts	149	1.0	4,700	37	0.7	900	186	0.9	5,600	
Goat Farm				398	1.0	13,200	398	1	13,200	
McIntyre	496	1.2	19,400	67	0.9	1,900	562	1.2	21,300	
Ridge	173	1.2	6,700	67	1.9	4,000	240	1.4	10,700	
McClaren	236	1.4	10,600	60	1.7	3,200	296	1.5	13,800	
Open Pit Subtotal	5,701	1.1	208,300	2,241	1.0	76,100	7,941	1.1	284,300	
Sands	tone Unde	r <mark>ground</mark> Dep	osits – Sumi	mary Miner	al Resource	Estimates (2	012 JORC C	ode)		
Two Mile Hill Deeps – Tonalite				14,000	1.1	480,000	14,000	1.1	480,000	
Two Mile Hill Deeps – BIF				200	3.1	20,000	200	3.1	20,000	
Underground Subtotal				14,200	1.1	500,000	14,200	1.1	500,000	
TOTAL	5,701	1.1	208,300	16,220	1.2	569,600	22,141	1.1	784,300	

Data has been rounded to the nearest 1,000 tonnes, 0.1g/t and 100 ounces. Rounding variations may occur.

















Annexure D – Central Sandstone Project Map and Resources



Annexure E – SN_TM_RD_22_0004 Collar Location Plan





Annexure F – JORC Tables

Sandstone Project RC and Diamond Drilling

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 (eg 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 (eg' 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 (eg submarine nodules) may warrant disclosure of detailed information. 	 The pre-collar section of SN_TM_RD_22_004 was drilled using a non-coring bit followed by diamond a drilling (DD) tail. Samples were collected from the diamond portion of SN_TM_RD_22_004 only. Sufficient assay density is present through the pre-collar zone. DD samples are NQ core with sample intervals defined by the geologist to honour geological boundaries ranging from 0.3 to 1.0m in length. DD core is aligned and measured by tape, comparing back to down hole core blocks consistent with industry practice. Diamond drilling is completed to industry standard using varying sample lengths (0.3 to 1.0m) based on geological intervals, which are then crushed and pulverised to produce a ~200 gm pulp sub sample to use in the assay process. Diamond core samples are fire assayed (50g charge). Samples were submitted to ALS Laboratories for drying and pulverising to produce a nominal 50g charge for gold by fire assay analysis. Visible gold is occasionally encountered in core. Where visible gold is observed a flush is passed through the core saw and a barren flush inserted in the sample sequence.
Drilling	Drill type (eg core, reverse	• Diamond drilling used a KWL1600 Diamond drill rig.
techniques	<i>circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube,</i>	 Diamond drilling used NQ wireline techniques. Core is routinely orientated using the Boart Longyear TRUCORE device. Diamond and Bayeree sizulation heles are surround
	<i>depth of diamond tails, face- sampling bit or other type, whether core is oriented and if so, by what method, etc).</i>	 Diamond and Reverse circulation holes are surveyed using the Axis Champ north seeking gyro survey tool.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise</i>	• Recovery of diamond drilling core is recorded by drillers on core blocks. This is checked and compared to the measurements of the core by the geologist.
	sample recovery and ensure representative nature of the	• Areas of diamond core loss are marked on core blocks, logging and sampling intervals honour intervals of core



Criteria	JORC Code explanation	Commentary
	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.	 loss. There is no known relationship between recovery and grade in diamond core.
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.	 Diamond core was logged by qualified geologists including but not limited to lithology, alteration, mineralogy, vein quantification and description, and orientation information of selected geological or structural features. All core is marked with depth, orientation lines, key geological logging and sample intervals and the photographed before being cut and/or sampled. Logging was qualitative in nature. All holes are geologically logged in full. RQD and fracture count is routinely recorded for all diamond core. Geotechnical logging has not been carried out.
Sub- sampling techniques and sample preparatio n	If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled.	 DD core was sampled either half core in HQ core as whole core where NQ Sample intervals are defined by a qualified geologist to honour geological boundaries. All mineralised zones are sampled plus associated visibly barren material in contact with mineralised zones. Core is sampled on the width of the geological/mineralised features. Through areas of uniform mineralisation or sheet work/stockwork type veining samples are taken at a uniform interval 0.6 to 1m intervals. In NQ core the minimum sample length is 0.3m and the maximum sample length of 1.2m. Maximum sample interval for NQ2 whole core samples was restricted to 0.6m to minimise splitting samples before pulverisation. Sample preparation for drill samples involved drying the whole sample before crushing and pulverising it to 85% passing 75 microns. A 50g sub-sample charge was then used for gold analysis by fire assay. Samples where raw sample weight is greater than 3kg are fine crushed to 70% passing 75 microns. QAQC samples were collected in the field as per Aurumin's QAQC sample procedure. Duplicates at coarse crush and pulverisation stages are requested at a 1:20 rate for samples from diamond core.



Criteria	JORC Code explanation	Commentary
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	 The assaying and laboratory procedures used by ALS are appropriate for the material tested. A 50g sample was used to analyse gold by fire assay. Fire assay analysis is undertaken and this is considered to be a total assay method Aurumin QAQC procedures inserts certified reference materials (CRMs). Standards were inserted at a rate of 1:20 while blanks were inserted at 1:50. Field duplicates were not performed as whole core was sampled Where visible gold is observed a flush is passed through the core saw and a barren flush inserted in the sample sequence. Laboratory CRMs and repeats have been received and used to assess laboratory reproducibility and accuracy. The assaying techniques and quality control protocols used are considered appropriate for the data to be used for reporting exploration drilling results. No geophysical tools were used in determining element concentrations.
<i>Verificatio n of sampling and assaying</i>	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.	 No independent verification of results has been conducted. All sampling and assay data were stored in a secure database with restricted access. Twinned holes are not considered necessary at this stage. Field data were collected digitally into Expedio's OCRIS logging software at the time of logging. Logging data was validated by geological staff and then imported into the Aurumin database. All data is stored by Expedio and backed up to a cloud-based storage system.
<i>Location of data points</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. Specification of the grid system used. Quality and adequacy of topographic control.	 Drill collars were located using a Differential GPS by Mine Survey Plus. Accuracy is sub 10cm. The grid system used is GDA94/MGA94 Zone 50. The difference between magnetic north (MN) and true north (TN) is 0.53°. The difference between true north (TN) GDA is 1.07°
Data spacing and distributio n	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	 Drill holes were spaced variably to allow for best drilling of the target areas. Hole locations were also influenced by the pit location. Data density is appropriately indicated in the presentation with all sample positions shown in the plans provided. No Resources or Ore Reserve estimations are presented.



Criteria	JORC Code explanation	Commentary
	<i>classifications applied. Whether sample compositing has been applied.</i>	
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.	 At Two-Mile Hill mineralisation in the tonalite body occurs within shallowly dipping sheeted vein sets oriented approximately orthogonal to the orientation of the of the tonalite intrusive that dips ~78° towards 281° The orientation of drilling is generally on a high angle to the dominant vein set and the dominant stratigraphy, banded iron formation ~dipping 35° towards 052°). Drilling is designed to traverse the tonalite body and maintain a high angle, and as close as orthogonal as possible, to the dominant vein and stratigraphic orientations.
		No sampling bias from the orientation of the drilling is believed to exist.Assay results are reported as downhole widths.
Sample security	<i>The measures taken to ensure sample security.</i>	• All samples were collected by Aurumin stored onsite in secure location before being transported to Perth by consignment in sealed bags.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	• No audits or reviews have been completed to date.



Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. 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 Sandstone Central project is located on granted tenements M57/128, M57/129 and P57/1395. Drilling reported is on M57/128. These tenements are wholly owned by Aurumin. The project is located in the Sandstone Shire, approximately 10 kilometres south of Sandstone. No impediments are known at the time of reporting.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Gold exploration in the Sandstone area has occurred since the late 1800s Modern production commenced in 1993 from laterite material. Subsequently, in 1994, Herald constructed a CIP processing plant and began open pit mining. Mining continued at various deposits until 2010 Middle Island Resources acquired the project in 2016 and completed substantial exploration drilling, resource drilling and mining pre-feasibility work. Aurumin acquired the project in 2022 and has started exploration
Geology	Deposit type, geological setting and style of mineralisation.	 The mineralisation at Two Mile Hill is hosted in three geological domains. The majority of the Two Mile Hill resource occurs within a tonalite intrusion. Mineralisation also occurs within banded iron formation (BIF) beds, and within the basalts that host the tonalite intrusion. The tonalite intrusion is approximately oblate in plan, dipping ~78° towards 281°. Tonalite hosted mineralisation occurs predominantly as fine free gold within a sheeted/stockwork quartz vein array.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length.	 A drill hole information summary for drilling associated with the announcement is available in Annexures.

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



Criteria	JORC Code explanation	Commentary
	<i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i>	
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg 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.	 Lithology is aggregated based on the primary lithological unit logged. Reported mineralised intervals are reported as downhole weighted averages. No grade truncations or lower cutoffs are used.
<i>Relationship between mineralisatio n widths and intercept lengths</i>	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 (eg 'down hole length, true width not known').	 The orientation of the sheeted vein array is variable but on average is orthogonal to the estimated axis of the tonalite, with the axis of the tonalite plunging approximately 78° towards 281°. There is significant variability in the dip direction but on average veins dip shallowly and are orthogonal to the tonalite plunge Drilling is designed to traverse the Tonalite body and maintain a high angle, and as close as orthogonal as possible, to the dominant vein and stratigraphic orientations. Only the down hole lengths are reported. No estimation of true width of mineralisation has been completed at this stage.
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.	 Refer to figures in body for spatial context of the drilling. A plan view and sectional view is provided. Significant results are tabulated in the annexures.
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	 All relevant data to targets is discussed and included on plans, sections and tables.



Criteria	JORC Code explanation	Commentary					
	reporting of Exploration Results.						
<i>Other substantive exploration data</i>	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.	 No other information is considered material for this presentation. 					
Further work	The nature and scale of planned further work (eg 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.	Further assay results are awaitedCompilation and assessment of results					



Annexure G – Drillhole Table

Prospect	Hole #	Easting (GDA94)	Northing (GDA94)	RL (GDA94)	Dip (degrees)	Azimuth (GDA94)	Hole Depth (m)	Interval From (m)	Interval To (m)	Interval (m)	Au (ppm)	Hole Type
Two Mile	SN_TM_RD_22_0004	723153	6892633	523	-66	232	511.4	99.7	101.0	1.3	3.67	RD
							and	104.0	105.0	1.0	3.01	
							and	122.8	123.6	0.8	2.00	
							and	130.6	132.2	1.6	5.40	
							and	149.4	150.0	0.6	5.75	
							and	160.8	161.4	0.6	3.40	
							and	191.4	192.0	0.6	2.94	
							and	229.6	453.6	224.0	1.48	
							including	229.6	235.4	5.8	2.18	
							and including	232.4	234.2	1.8	5.03	
							including	241.4	242.0	0.6	2.04	
							including	246.2	251.0	4.8	3.99	
							and including	246.2	248.6	2.4	7.62	
							including	269.0	318.6	49.6	2.05	
							and including	269.0	276.9	7.9	5.19	
							and including	298.8	301.8	3.0	4.49	
							including	325.2	345.4	20.2	2.62	
							and including	332.9	338.6	5.7	4.84	
							including	353.2	354.7	1.5	2.22	
							including	360.2	364.8	4.6	1.04	
							including	366.0	369.0	3.0	2.80	
							including	371.2	373.0	1.8	2.18	
							including	379.0	379.6	0.6	2.03	
							including	381.4	393.4	12.0	3.65	
							including	414.8	416.0	1.2	2.20	
							including	419.0	422.0	3.0	2.70	
							including	427.2	436.2	9.0	2.16	
							including	439.0	441.2	2.3	2.54	
							including	443.6	444.2	0.6	6.70	
							including	447.8	453.6	5.8	2.53	
							and including	447.8	450.6	2.8	4.87	
							and	476.8	478.0	1.2	3.11	
							and	481.0	481.6	0.6	2.19	
							and	487.0	488.2	1.2	2.54	
							and	493.0	493.6	0.6	2.96	