

Quarterly Report Ending 30 June 2015

Key Highlights

Nicolsons Mine

Development of the Nicolsons Mine has progressed well, with ore development commencing subsequent to the end of the guarter. Key highlights include:

- Decline development is now in fresh rock with conditions substantially improved following an extended period of development in partially oxidised material which caused delays to the development schedule.
- Ore development commenced subsequent to the end of the quarter with high-grade development faces including:
 - » 0.3m @ 682 g/t.
 - » 3.1m @ 42.1g/t, including 0.3m @ 239 g/t.
 - » 3.5m @ 12.1g/t, including 0.4m@ 23.8g/t and 0.4m @ 172 g/t.
- Permanent power station installed and commissioned.
- Processing plant refurbishment close to completion at the end of month with commissioning to commence early in the ensuing quarter. First gold production is expected in August 2015.

Papua New Guinea

• Pacific Niugini has continued discussions with several parties relating to potential joint venture arrangements to further advance the Garaina Project. Several large companies have shown considerable interest in the project, including extended visits to the site.

Corporate

- Following the extended period of underground development in partially oxidised rock in the Nicolsons Decline (now abated), the board decided to raise additional funds to ensure that financing covenants were maintained and to ensure adequate working capital in the production ramp-up period. Capital is being raised in two tranches being a convertible note facility to sophisticated investors, followed by a 1:4 rights issue to existing shareholders.
- Convertible notes to the value of \$3.3 million were issued to sophisticated investors in July 2015. The notes have a coupon rate of 8% per annum and are convertible at 6 cents per share with bonus options depending on the date of conversion. Full details are set out in the body of this report.
- Following the issue of convertible notes, the company announced a 1:4 non-renouncable rights issue at 5 cents per share, with an attaching 6 cent option for every two shares subscribed.
- The company ended the quarter with cash of \$6.765M and debt including 6,560 ounces of gold. A further \$3.3 million in convertible notes was issued subsequent to the end of the quarter.

Enquiries

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About Pacific Niugini Limited

The company has emerged from its beginnings as an exploration company working solely in Papua New Guinea into an emerging gold producer through the acquisition of an 80% interest in the Halls Creek Gold Project in the Kimberly Region of Western Australia. The Project provides the company with a platform for development and operation of its first producing gold asset, which includes an existing high-grade gold resource (260,000oz) and a 150,000 tonne per annum processing plant at the Nicolsons Mine. Pacific Niugini is the sole manager of the project through its wholly owned subsidiary Halls Creek Mining Pty Ltd.

Pacific Niugini commenced construction works at the project during February 2015 and is aiming to commence production early in Q3 2015, with the majority of required works completed and ore development underway.

In addition to the Halls Creek Project, Pacific Niugini's exploration portfolio in Papua New Guinea is highly prospective for the discovery of world-class gold and copper deposits.

One of the company's key discoveries is the Garaina Prospect in the Morobe Province, where Pacific Niugini has discovered a large surface copper and gold anomaly, which has been further delineated by geophysical surveys, grid based geochemical assays, surface costean sampling and drilling. The discovery has potential to be developed into a large scale deposit through further exploration.

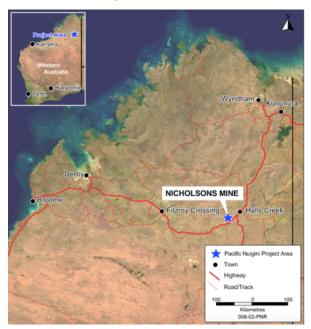
Pacific Niugini also holds a 50% interest in ML457 Widubosh in joint venture with PNG Forest Products. The PNG government recently extended the term of ML457 for a further 20 years, and the joint venture has completed extensive bulk sampling at the project. ML457 provides an additional opportunity for production for the company.



Underground development underway at Nicolsons

Activities Report

Halls Creek Project (PNR 80%) - Western Australia



The Halls Creek Project Location

The Halls Creek Project includes the Nicolsons Mine, (35km south west of Halls Creek) and the Golden Crown Project located east of Halls Creek in the Kimberley Region of Western Australia.

Pacific Niugini acquired the project during April 2014, and took possession of the site in May 2014 enacting its rapid development plan for the project at that time.

Pacific Niugini is currently developing the Nicolsons mine, an underground development with first production scheduled in the September 2015 quarter.

The project currently has an indicated and inferred resource of 260,000 ounces of gold. Recent drilling has also demonstrated that substantial silver grades can be present, although a silver resource is yet to be estimated.

The project region has been sporadically explored over a number of years. Prospecting has shown significant potential in the immediate area, which remains sparsely explored with minimal drill testing of targets outside of the existing resources (beneath and immediately adjacent to the existing open pits). Once the

Nicolsons mine is in production, the company's exploration objective is to increase the near mine resources at Nicolsons while developing and extending the current resource base immediately beneath and down plunge of the existing open pit.

Pacific Niugini is funding its 80% equitable interest in the project, while its equity partner is funding its 20% equitable interest.

Quarterly Progress – Nicolsons Mine

The March 2015 quarter underpins the projects progression to production, with the majority of construction tasks completed during the three-month period, and underground mining significantly advanced.

All surface construction works were completed during the quarter and included:

- A small cut back on the northern wall of the existing open pit completed to ensure safe access;
- Processing plant refurbishment, which was on going at the end of the period and scheduled for completion by the end of July 2015;
- Construction of a new tailings storage facility with approximately 2 years capacity;
- Establishment of office and ablution infrastructure;
- · Power station installation; and
- Other miscellaneous construction works including site roads, water storage and management facilities, and services installations.



Completed Tailings Storage Facility



Process Water Facility

Underground Mining

Underground mining commenced on the 28th of March, and was advanced on a 24 hour per day basis from mid-April. Challenging ground conditions caused by a deeper than expected weathering profile caused development advance to be below expectations. Fresh rock was encountered in the main decline subsequent to the end of the quarter, and development conditions have improved substantially.

Subsequent to the end of the quarter, development reached the first level access, and ore mining commenced in mid July with outstanding grades encountered in the initial ore access. The grades were particularly pleasing given that the ore was accessed at the southern end of the current reserve where grade and overall width of ore was expected to be relatively weak compared with the overall reserve.

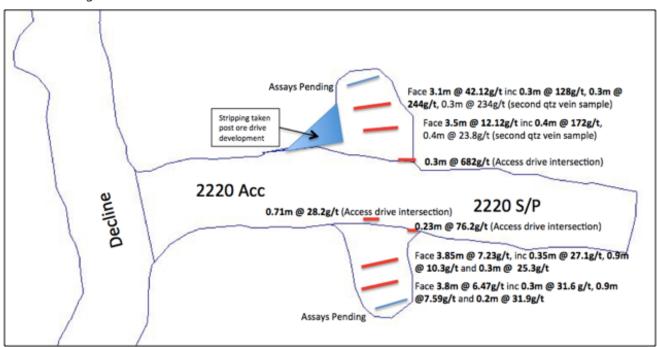
Face assays (uncut) to the 20th of July are set out in the figure below and include:

2220 North Drive

- 0.3m @ 682g/t
- 3.1m @ 42.1g/t, including 0.3m @ 239g/t
- 3.5m @ 12.1g/t, including 0.4m@ 23.8g/t and 0.4m @ 172g/t

2220 South Drive

- 3.8m @ 6.47g/t, including 0.3m @ 36g/t
- 3.9m @ 7.23g/t, including 0.35m @ 27.1 g/t
- 0.23m @ 76.2g/t



2220 Level Development as at 20/7/2015

Additional faces developed since the 20th of July have continued to indicate high grades, similar to those above in the site-based laboratory. The final grades will be reported once returned from the certified external laboratory.

Existing drilling results indicate that thicker, high-grade mineralisation is expected in the continuation of the north drive over the next 150m of development. It is intended to complete development on the initial two levels when the overall characteristics of the orebody will be understood, prior to finalising stoping methods and widths.

In addition to the main ore zone, the decline has intersected previously unidentified quartz zones in two positions. One vein intersected is approximately 30m from the portal entrance, striking sub parallel to the main ore zone, returning grades of 0.5m @ 40.0g/t.

The second vein was intersected approximately 40m before the 2220 level access drive, approximately perpendicular to the main ore zone and returning grades of 0.33m @ 5.95 g/t. Due to the orientation of this vein relative to existing drilling, it has not been encountered in the exploration phase, and may represent an additional ore source for the mine. The company intends to further develop this vein when mine scheduling permits.

Processing Plant



Crushing plant including new secondary cone crusher

The processing plant refurbishment is nearing completion. The final major task, which is the installation of new mill bearings and the re-commissioning of the mill circuit, is scheduled to be completed by the end of July 2015. The crushing circuit has been fully re-installed, tested and is operational.

Other extensive works completed during the quarter include a full upgrade of plant guarding to comply with current standards, upgrading of the gravity recover circuit including installation of a new Knelson Concentrator and Acacia Reactor, and refurbishment of the leaching circuit, including installation of new agitators and gear boxes and carbon screens.

The mill was re-lined and the bearings removed and sent to Perth for re-manufacture. The bearings are being re-installed in July as the final major task to be undertaken.

All processing pumps were either refurbished or replaced with new units, and plant buildings including the mill control room, the CIP hut, and the crusher MCC were either refurbished or replaced as appropriate.



Acacia Reactor installed in the upgraded gold room, and the recently re-lined mill awaiting final works

The permanent power station has also been installed and commissioned, and is ready for commencement of operations.

Ensuing Quarter

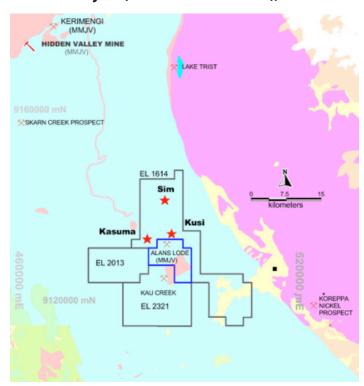
The ensuing quarter will see continued underground development, both in ore drives and the access decline. Decline development is approaching the second level access, which when developed will provide additional ore headings allowing an increase in ore tonnes excavated as the mine progresses towards full production.

Full processing plant commissioning is scheduled to commence at the end of July, with first gold sales anticipated during August 2015. The processing plant will be operated on a campaign basis during the ramp up period in order to minimise operating costs while ensuring that cash flow is achieved in a timely manner.

The mine, processing plant and other infrastructure will be fully operational, however some minor projects which were deferred until production was achieved will be ongoing.

Papua New Guinea Projects

Garaina Project (EL1614 and EL 2013), Morobe Province, Papua New Guinea (100%)



The Garaina Project is Pacific Niugini's premier exploration target, located 100km southeast of the Hidden Valley Mine and Wau Town, in the Morobe province, covering an area of approximately 380 km2. The tenement area covers the suture zone between the Owen Stanley Metamorphic thrust to the west and the Papuan Ultramafic to the east. Most of the EL is underlain by the Owen Stanley metamorphic complex, which is common to the majority of the known major mineral deposits in PNG.

PNR discovered significant surface mineralisation at the Kusi Prospect in January 2011 and since that time has completed extensive exploration programs with exciting surface exploration and drilling results.

Field campaigns have identified mineralisation and alteration signatures similar to those seen at the Kusi Prospect as far north as the Sim Prospect, and as far west as the Kasuma Prospect.

Quarterly Activity

During the quarter, Pacific Niugini terminated its farm-out joint venture with MGL Limited, after MGL failed to complete its initial \$6 million expenditure to earn 50.1% of the project. Pacific Niugini has entered into several confidentiality arrangements with a view to entering into alternative JV arrangements. Discussions with interested parties are continuing.

Pacific Niugini continues to view Garaina and the surrounding region as having potential to be the next world-class discovery in PNG. Reflecting the potential value of the project, Pacific Niugini is continuing to review opportunities to increase the foot print of prospective tenement areas in the region.

Bulolo and Widubosh Projects, EL1616 and ML 457 – Morobe Province

The Bulolo Project covers most parts of the Bulolo Valley, approximately 75km southwest of Lae. The tenement areas cover the core of the Morobe Goldfields mineral district, and include most of the historical gold mining town of Bulolo and further extends outwards into the gold prospective mountains and valleys. The tenement covers the best historically productive Bulolo gravel flats and un-mined gravels.

The company has formed a joint venture with PNG Forest products (PNGFP), the dominant landowner and employer in the region, which sees PNR holding 70% ownership of EL1616, and 50% ownership of the fully permitted Widubosh Project (ML 457). ML457 lies approximately 10km north of EL1616 near the confluence of the Bulolo and Watut Rivers. The Joint venture parties have resolved to relinquish the EL1616 tenement area and have notified the Mineral Resource Authority accordingly. Future activities at Widubosh will be focussed on bringing the Widubosh Project to production, however there are no field works planned in the ensuing quarter.

Corporate Information

Pacific Niugini resolved to raise additional funds subsequent to the end of the quarter in order to ensure adequate funding and working capital to bring the Nicolsons mine to profitable production. The requirement for additional capital resulted from poor conditions in the underground decline development, which continued substantially further than expected, and reduced development advance over several months as a result. The CBA loan facility contains covenants which require maintenance of minimum cash levels and which would have been breached if additional funds were not sourced. The Board resolved to raise additional funds in two tranches being a \$3.3 million convertible note placement to sophisticated investors, followed by a rights issue to existing share holders.

The convertible note issue was completed during July 2015, raising \$3.3 million dollars before costs. There were no fees associated with the convertible notes. Key terms of the notes include:

- Total amount \$3.3 million
- Interest rate 8% payable six monthly in arrears in cash or via the issue of PNR shares at the 10 day VWAP.
- Term two years from the date of issue.
- Convertible into fully paid ordinary shares in the Company at six (6) cents per share.
- Conversion Bonus at debt holder's election.
 - » One option per share converted if converted in the first twelve months after the date of establishment of the facility. The options will have a two year expiry from the date of issue and exercisable at 6 cents per share.
 - » One option for every two shares converted if converted between twelve and twenty four months after the date of establishment of the facility. The options will have a two year expiry from the date of issue and exercisable at 6 cents per share.

On the 14th of July 2015, the Company announced a Rights Issue on the basis of 1 new share for every 4 shares held at the record date at an issue price of 5 cents per share, with one attaching 2 year option for every two new shares subscribed for, exercisable at 6 cents per share. If the Rights Issue is fully subscribed, an additional 98,113,481 shares will be issued raising \$4.91 million before costs, assuming no options are exercised or convertible debt converted before the record date.

The Rights Issue will give existing shareholders a priority opportunity to participate in the finalisation of the mine development and gold production from the Nicolsons Project, with the exercise price being 20% lower than the conversion price for the convertible notes.

The Company has engaged GMP Securities Australia Pty Ltd (GMP Securities) to be the Lead Manager to the Rights Issue with a first right to place any shortfall shares from the Rights Issue, in consultation with the Company.

The capital structure of the company at the end of the quarter is set out in the table below. The cash on hand, and debt is exclusive of the additional \$3.3 million raised during July 2015, and does not take into account the upcoming rights issue.

Cash On Hand	\$6.765M
Shares	392,453,924
Debt	6,560 ounces of gold
Options- Employee incentive	2,650,000
Performance Rights	4,500,000
Options converted during the quarter	Nil
Performance Rights converted during the quarter	Nil

Papua New Guinea Tenements - Mineral Reporting

The information in this report that relates to exploration, mineral resources or ore reserves is based on information compiled by Mr. David Osikore (B.Sc. Geol)) MAusIMM who is a full time director of Pacific Niugini Limited. Mr. Osikore 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 described by the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Osikore consents to the inclusion in this report of the matters based on his information in the form and context in which it appears. Pacific Niugini has not attempted to generate resources or reserves in compliance with the JORC code at the Bulolo gravel projects, and does not intend to due to difficulties in dealing with alluvial deposits.

Halls Creek Tenements - Mineral Reporting

The information in this report that relates to exploration, mineral resources or ore reserves is based on information compiled by Mr. Peter Cook (B.Sc. Geol)) MAusIMM (111072) who is the non-executive chairman of Pacific Niugini Limited. Mr. Cook 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 described by the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Cook consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

JORC 2012 - Table 1 - PNG

Section 1: Sampling Techniques and Data – PNG

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.	Diamond Drilling All drilling undertaken at the Kusi Prospect has been completed using diamond drilling techniques. Holes are drilled commencing in PQ with size reducing to HQ and NQ as required for satisfactory hole advance, core recovery maximisation and hole stability.		
	 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 	All drilling is undertaken using triple tube techniques to maximise core recovery. This core is geologically logged in 1m or less intervals, and subsequently halved on site for sampling.		
	 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 	Manual Trench/Manual costean sampling Samples are collected from hand dug trenches nominally 1.5m deep (where possible) and excavated through the soil horizon profile to the top of decomposed		
Drilling techniques	 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. Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, 	bedrock. Trenches sample intervals are marked by project geologists in 1m or 2m intervals, as dictated by geological mapping. Trench trace and sample intervals are		
	Bangka, sonic, etc) and details (eg 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).	taken uniformly across the interval in accordance with accepted industry practice. Samples are generally 2kg to 3kg in mass.		
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. 	defined relationship exists between sample recovery and grade. Nor has sample bias due to preferential loss or gain of fine or coarse material been noted.		
	 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. 	 All samples are submitted to an independent NATA / ISO certified laboratory for grade determination. Gold and silver grade is determined using standard 30g or 50g fire assay. Other element grades are determined using multi-element ICP. 		
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. 	Drill core is logged geologically by the project geologist to accepted industry standards capturing lithology, mineralology and structural measurements. All core is photographed for future reference.		
	 Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	 Manual Trenches/Costeans are logged on field note books or using field maps. All core and trenches are logged. The total length of core and trenches are sampled. 		

Criteria	JORC Code explanation	Commentary		
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	• Diamond Drilling - Half-core samples, sub-set via geological features as appropriate.		
and sample preparation	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Chips undergo total preparation.		
	 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. 	 QA/QC is currently ensured during the sub-sampling stages process via the use of the systems of an independent NATA / ISO accredited laboratory contractor. 		
	Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half	The sample size is considered appropriate for the grain size of the material being sampled.		
	 Sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	The un-sampled half of diamond core is retained for check sampling/logging if required.		
Quality of assay data and	The nature, quality and appropriateness of the assaying and laboratory	Recent drilling was analysed by fire assay as outlined below;		
laboratory tests	 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. 	» A 50g sample undergoes fire assay lead collection followed by flame atomic adsorption spectrometry.		
		Quality control is ensured via the use of standards, blanks and duplicates.		
		» ICP samples are assayed in an independent certified laboratory using validly calibrated equipment.		
		No significant QA/QC issues have arisen in recent drilling results.		
		These assay methodologies are appropriate for the resource in question.		
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	 Anomalous intervals as well as random intervals are routinely checked assayed as part of the internal QA/QC process. 		
	The use of twinned holes.	Blanks and laboratory standards are routinely assayed in accordance with laboratory procedure.		
	 Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 Primary data is loaded into the drill hole database system and then archived for 		
		reference.		
		 All data used in the calculation of resources and reserves are compiled in databases (underground and open pit) which are overseen and validated by senior geologists. 		
		No primary assays data is modified in any way.		

Criteria	JORC Code explanation	Commentary
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. 	 All data is spatially oriented by survey controls via initial GPS positioning, followed by certified surveyor pick-ups. Drill holes are all surveyed down hole, with single / multishot cameras.
	Specification of the grid system used.	All drilling and resource estimation is undertaken in WGS84.
	Quality and adequacy of topographic control.	 Topographic control is generated from a combination of remote sensing methods and ground-based surveys. This methodology is adequate for the resource in question.
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. 	Exploration is greenfields in nature and holes are specifically designed for selected targets. No standard spacing currently exists.
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. 	targets. Where possible holes are drilled to return true widths of interpreted/postulated ore zones.
Sample security	The measures taken to ensure sample security.	Samples are delivered directly to the independent laboratory contractor under the company's supervision using company employees. Samples are stored securely until they leave site.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Site sampling techniques and data bases are routinely verified by senior geologists and the company's executive director.

Section 2: Reporting of Exploration Results – PNG

Criteria	JOF	RC Code explanation	Co	mmentary
Mineral tenement and land	•	Type, reference name/number, location and ownership including agreements or		All PNG tenements are currently valid and in good standing.
tenure status 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 PNG exploration lease renewal system results in periods where tenements have expired but are in the renewal process, and remain valid under the Mining Act. At the present time, no tenements are expired.		
		•	All PNG EL's and ML's are 100% owned with the exception of EL1616 (70%), and ML457 (50%).	
			•	EL1614 and EL 2013 are the subject of a farm out agreement with MGL Limited. MGL Limited is actively working but has not yet earned an interest in these Exploration Licences.
			•	There are no known issues regarding security of tenure.
			•	There are no known impediments to continued operation.

Criteria	JORC Code explanation	Commentary
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 The area is greenfields in nature, and no substantial work other than regional government surveys has been completed previously to the knowledge of the company.
Geology	Deposit type, geological setting and style of mineralisation.	
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:	Drill hole details are presented in the report.
	» easting and northing of the drill hole collar	
	» elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar	
	» dip and azimuth of the hole	
	» down hole length and interception depth	
	» hole length.	
	• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
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. 	Results are reported on a length weighted average basis.
		Results are un-cut
	 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. 	 Results are generally reported at a cut off of 0.2g/tAu, however lower grade dilution intervals are reported where broad zones of lower grade zones may be material in exploration for a potential underlying porphyry deposit. Low grade dilution zones are up to 7 continuous metres.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are reported.
Relationship between mineralisation widths and	These relationships are particularly important in the reporting of Exploration Results.	 Interval widths are down hole width and may not represent true width unless otherwise stated.
intercept lengths	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').	
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.	A plan view of the prospect with drill hole locations is included in the report.

Criteria	JORC Code explanation	Commentary
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All significant results are reported in this release with further details provided in releases of the 21st of November 2013 and the 28th of January 2014
		• Other results are of low metal tenor and are not significant to development of the project.
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. 	
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	Exploration assessment including drilling continues to take place at the Kusi project.
	 Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	

JORC 2012 – Table 1 – Halls Creek

Section 1: Sampling Techniques and Data – Halls Creek

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.	The Nicolson's deposit has been sampled predominantly by RC and minor historical RAB about the Nicolson's open pit area. The Wagtails and Rowdies deposits were sampled mainly by RC with follow-up aircore. Holes were sampled on 1 m increments, or 3 m increments above the known mineralisation. Anomalous intercepts from the 3 m increments were re-split into 3 1 m increments.
	 Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. 	Samples from the 2014 drill program are RC collars with diamond drill tails. All assays in this release are from face chip sampling of underground development.
	Aspects of the determination of mineralisation that are Material to the Public Report.	Face chip samples were taken in accordance with observed geological features and are considered representative of the development face.
	• 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	 For RC drilling, measures taken to ensure sample representivity include the presence of a geologist at the rig whilst drilling, cleaning of the splitter at the end of every 3 m drill string, confirmation that drill depths match the accompanying sample interval with the drilling crew and the use of duplicate and lab/blank standards in the drilling programme.
	nodules) may warrant disclosure of detailed information.	For diamond drilling, measures taken include regular survey of drill holes, cutting of core along the orientation line where possible, and half core is submitted to an accredited laboratory. Industry standard blanks and standards are also submitted and reported by the laboratory. Drilling is completed in HQ3. Face chip samples are taken as continuous chips perpendicular to the orebody.
		• Historical holes - RC and aircore drilling was used to obtain 1 m samples from which 2 - 3 kg was crushed and sub- split to yield 250 for pulverisation and then a 40 g aliquot for fire assay. Upper portions of deeper holes were composited to 3m sample intervals and sub-split to 1 m intervals for further assay if an anomalous composite assay result was returned. For later drilling programmes all intervals were assayed.
		 Diamond drilling – HQ3 core is logged and sampled according to geology, with only selected samples assayed. Core is halved, with one side assayed, and the other half retained in core trays on site for further analysis. Samples are a maximum of 1m, with shorter intervals utilised according to geology.
Drilling techniques	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).	• RC drilling was completed with several rigs. All RC rigs used face sampling hammers with bit size of 140 – 146mm. Historical holes used a 130 mm bit size). Aircore drilling was completed by the RC rig with an aircore bit assembly. RAB drilling (20 holes only in the Nicolson's pit area) is historical and details are unknown.
		HQ 3 Diamond drilling was conducted for geotechnical and assay data. Holes from the current program do not form part of the current resource estimate. Diamond holes were oriented using a Reflex orientation tool. Diamond holes were geologically and geotechnically logged.

Criteria	JORC Code explanation	Commentary
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. 	quality were visually observed and recorded. Recovery for older (pre 2011) holes
	Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse	when appropriate to maintain sample quality and representivity. Where aircore
	material.	• There is no known relationship between recovery and grade. Diamond drilling of oxide and transitional material in previous campaigns noted high core loss in mineralised zones. No core loss was noted in fresh material. Good core recovery has generally been achieved in all sample types in the current drilling program.
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. 	weathering, oxidation, lithology, texture, colour, alteration style, alteration intensity, alteration mineralogy, sulphide content and composition, quartz
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	 content, veining, and general comments. Geotechnical logging of diamond holes included the recording of recovery, RQD,
	The total length and percentage of the relevant intersections logged.	structure type, dip, dip direction, alpha and beta angles, shape, roughness and fill material of fractures.
		All drill chips were logged on 1 m increments, the minimum sample size. A subset of all chip samples is kept on site for reference.
		 Diamond drilling was logged to geological boundaries and is considered quantatative. Core was photographed. Face chip samples were logged to geological bopundaries and are considered representative.
		All drilling has been logged apart from diamond drill pre-collars.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	• Core samples were saw in half with one half used for assaying and the other half retained in core trays on site for future analysis.
	 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 	RC drill chip samples were collected with either a three-tier, rotary or stationary cone splitter depending on the drill rig used. Aircore drill samples were subset.
	 Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. 	All RC and aircore sample splitting was to 12.5 % of original sample size or 2 – 3
	 Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. 	
	Whether sample sizes are appropriate to the grain size of the material being sampled.	 The cyclone and splitter were cleaned every rod string and more frequently when requested by the geologist. In the case of spear sampling for re-splitting purposes, several spears through the entirety of the drill spoil bag were taken in a systematic manner to minimise bias.
		Core was cut under the supervision of an experienced geologist, was routinely cut on the orientation line.
		• Duplicate samples were taken every 20 m from a second cut of the splitter in the case of a cone splitter, or from a reject split in the case of a riffle splitter. Certified standards were inserted into the sample batch at a rate of 1 in 20 throughout all drilling programmes.
		 Gold at Hall's Creek is fine- to medium-grained and a sample size of 2 – 3 kg is considered appropriate. Half core is considered appropriate for diamond drill samples.
		Face chip samples are considered representative of the geology.
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	assays are determined using fire assay with 40g charge and AAS finish. Other elements were assayed using acid digest with ICP-MS finish. The methods used
	model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates,	Face chip samples were assayed by NAL in Pine Creek which is certified and experienced in sampling similar ores.
	external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	
		• Lab standards, blanks and repeats are included as part of the QAQC system. In addition the laboratory had its own internal QAQC comprising standards, blanks and duplicates. Sample preparation checks of pulverising at the laboratory include tests to check that the standards of 90% passing 75 micron is being achieved. Follow-up re- assaying is performed by the laboratory upon company request following review of assay data. Acceptable bias and precision is noted in results given the nature of the deposit and the level of classification. Early drilling shows a pronounced negative bias with several of the external certified standards.

Criteria	JORC Code explanation	Commentary		
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. 	company personnel. Some significant intersections have been resampled and assayed to validate results. Diamond drilling and face sampling confirms the width of the mineralised intersections.		
	 Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	The diamond drill program includes holes testing the current resource and twinning existing RC holes as shown on previous announcement sections. The high grade quartz veing is sampled twice and results averaged to minimize nugget effects.		
		 All primary data is logged on paper and later entered into the database. Data is visually checked for errors before being sent to an external database manager for further validation and uploaded into an offsite database. Hard copies of original drill logs are kept both onsite and in the Perth office. 		
		No adjustments have been made to assay data.		
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. 	 are conducted during drilling using single shot cameras at 10 m then every 30 m thereafter. Later drilling was downhole surveyed using a Reflex survey tool. Mine workings (open pits) were surveyed by external surveyors using RTK survey equipment. A subset of historical holes was surveyed to validate collar coordinates. The project lies in MGA 94, zone 52. Local coordinates are derived by conversion: GDA94_EAST =NIC_EAST * 0.9983364 + NIC_NORTH * 0.05607807 + 315269.176 GDA94_NORTH = NIC_EAST * (-0.05607807) + NIC_NORTH * 0.9983364 + 		
		7944798.421 GDA94_RL =NIC-RL + 101.799.		
		 Topographic control uses DGPS collar pickups and external survey RTK data and is considered adequate for use. 		
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.	 The Competent Person is of the view that the drill spacing, geological interpretation and grade continuity of the data supports the resource categories assigned. 		
		Sample compositing to 3 m occurred in holes above predicted mineralised zones. Composite samples were re- assayed in their 1 m increments if initial assay results were anomalous.		

Criteria	JORC Code explanation	mentary	
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. 		to local grid at a dip of -60o. Local structures rid and dip at 60oE. No bias of sampling is ng orientation.
Sample security	The measures taken to ensure sample security.		by Pacific Niugini employees and consultants. vered in bulk bags to the lab in Perth. Samples
Audits or reviews	The results of any audits or reviews of sampling techniques and data.		ried out by an independent consultancy firm m Bulletin. No significant issues were noted.

Section 2: Reporting of Exploration Results – Halls Creek

Criteria	JO	RC Code explanation	Coı	mmentary
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.		Tenements containing Resources and Reserves are 49% held by Pacific Ni subsidiary company Halls Creek Mining. They are: M80/343, M80/355, M80 M80/503 and M80/471.M80/362 Tenement transfers to HCM are yet to occ stamp duty assessments have not been completed by the office of state reve
	•	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 tenements lie on a pastoral lease with access and mining agreements and predate native title claims.
			•	The tenements are in good standing and no known impediments exist.
Exploration done by other parties	•	Acknowledgment and appraisal of exploration by other parties.	•	The deposits were discovered by prospectors in the early 1990s. After an 8,500 m RC program, Precious Metals Australia mined 23 koz at an estimated 7.7g/t Au from Nicolson's Pit in 1995/96 before ceasing the operation. Rewah mined the Wagtail and Rowdy pits (5 koz at 2.7g/t Au) in 2002/3 before Terra Gold Mines (TGM) acquired the project, carried out 12,000 m of RC drilling and produced a 100 koz resource estimate. GBS Gold acquired TGM and drilled 4,000 m before being placed in administration. Review of available reports show work to follow acceptable to standard industry practices.

Criteria	JORC Code explanation	Commentary
Geology	Deposit type, geological setting and style of mineralisation.	 Gold mineralization in the Nicolson's Find area is structurally controlled within the 400 m wide NNE trending dextral strike slip Nicolson's Find Shear Zone (NFSZ) and is hosted within folded and metamorphosed turbiditic greywackes, felsic volcaniclastics, mafic volcanics and laminated siltstones and mudstones. This zone forms part of a regional NE-trending strike slip fault system developed across the Halls Creek Orogen (HCO).
		 The NFSZ comprises a NNE-trending anastomosing system of brittle-ductile shears, characterised by a predominantly dextral sense of movement. The principal shear structures trend NNE to N-S and are linked by NW, and to a lesser extent, by NE shears. Individual shears extend up to 500m along strike and overprint the earlier folding and penetrative cleavage of the HCO.
		 The overall geometry of the system is characterized by right step-overs and bends/jogs in the shear traces, reflecting refraction of the shears about the granite contact. Within this system, the NW-striking shears are interpreted as compressional structures and the NE-striking shears formed within extensional windows.
		 Mineralization is primarily focussed along NNE trending anastomosing systems of NNE-SSW, NW-SE and NE- SW oriented shears and splays. The NNE shears dip moderately to the east, while the NW set dips moderately to steeply to the NE. Both sets display variations in dip, with flattening and steepening which result in a complex pattern of shear intersections
		 Mineralisation is strongly correlated with discontinuous quartz veining and with Fe-Si-K alteration halos developed in the wall rocks to the veins. The NE shears are associated with broad zones of silicification and thicker quartz veining (typically white, massive quartz with less fracturing and brecciation); however, these are typically poorly mineralized. The NW-trending shears are mineralized, with the lodes most likely related to high fluid pressures with over-pressuring and failure leading to vein formation. Although the NE structures formed within the same shear system, the quartz veining is of a different generation to the mineralized veins.
		 Individual shears within the system display an increase in strain towards their centres and comprise an anastomosing shear fabric reminiscent of the pattern on a larger scale.
		(Adapted from Robertson(2003))

Criteria	JORC Code explanation	Commentary
Drill hole Information	 A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	Drillholes used in the Nicolson's Resource estimate included 242 RC and 20 RAB holes for a total of 1,338m within the resource wireframes. Rowdies drilling included 36 RC and 2 aircore holes (AC) for a total of 241 m of intersection within the resource wireframes. Wagtail North comprised 84 RC and 6 AC holes for 553 m of intersection with the resource wireframes. Wagtail South comprised 23 RC and 20 AC holes for 203 m of intersection within the resource wireframes.
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. 	 Drill results as reported are composited intersections within the interpreted mineralisation wireframes which form the basis of the resource. Intercepts are composited from 1 m sample increments and no weighting other than length is applied. The Lower cut-off grade is a nominal 0.5g/t Au with a minimum 2m downhole length above 200 mRL and a nominal 1.0g/t Au with a 1 m minimum downhole length below 200 mRL. Top cuts for Nicolson's lodes were 40 g/t and 45g/t Au for different domains dependent upon the lode grade distribution. Rowdies, Wagtail North and Wagtail South had top cuts of 20g/t, 45g/t and 50g/t Au respectively. All sample intervals within the interpreted wireframe shells were used in the grade estimation. No metal equivalent values are used.
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 (eg 'down hole length, true width not known'). 	
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 figures and table in this release.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	 All drillhole intercepts currently available from the current program are included in the release. Historical intercepts are included in previous resource reports released to the ASX.

Criteria	JORC Code explanation	Commentary
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.	systems with low yields and able to be controlled with air pressure while drilling. Metallurgical and geotechnical work studies have been completed as part of
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. 	production activities at the mine are underway.

Section 3: Estimation and Reporting of Mineral Resources – Halls Creek

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 input has been governed by lookup tables and programmed import of assay data from lab into database. The database has been checked against the original assay certificates and survey records for completeness and accuracy.
	Data validation procedures used.	Data was validated by the geologist after input. Data validation checks were carried out by an external database manager in liaison with Bulletin personnel. The database was further validated by external resource consultants prior to resource modelling. An extensive review of the data base was undertaken when Pacific Niugini acquired the project.
Site visits	Comment on any site visits undertaken by the Competent Person and the outcome of those visits.	• The Competent Person has not been to site. He is highly experienced in the mineralisation style, and has had independent geologists from Optiro visit the
	If no site visits have been undertaken indicate why this is the case.	site, along with highly experienced consulting geologists.*
Geological interpretation	Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.	Confidence in the geological interpretation is generally proportional to the drill density. Surface mapping confirms some of the orientation data for the main mineralised structures.
	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. 	 Data used for the geological interpretation includes surface and trench mapping and drill logging data.
		An alternative interpretation (steeper lodes) of deeper portions of the deposit
		was modelled and provides no material change to the resource estimate. In general the interpretation of the mineralised structures is clear.
		Geological interpretation of the data was used as a basis for the lodes which were then constrained by cut-off grades.
		Geology and grade continuity is constrained by quartz veining within the NFSZ and by parallel structures for the other prospects.
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.	• Refer to Figures 1 - 3

Criteria	JORC Code explanation	Commentary
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 	 and South. Individual mineralised structures were domained separately. Models contain grade estimates and attributes for blocks within each domain only. Ordinary Kriging (OK) using Surpac software was used to generate the resource estimates. Variography of gold grades from drilling data provides a maximum grade continuity of 50 m down plane plunge, 20 m perpendicular to plunge and 5 m across plunge for Nicolson's Find; 90 m down plunge, 55 m perpendicular to plunge and 5 m across plunge for Nicolson's South and 20.5m down plunge, 14.5 m perpendicular to plunge and 12, across plane for Wagtail South. Rowdies and Wagtail North have a strike-dip control on mineralisation. Rowdies grade continuity was 60 m down-dip, 50 m along strike and 4 m across the plane. Wagtail North parameters were 50 m along strike, 30 m down-dip and 4 m across the plane.
	sample spacing and the search employed.	A number of resource estimates by consultants, Optiro have been generated with previous resource estimates reconciled to later upgrades. Reconciliation of the
	Any assumptions behind modelling of selective mining units.	Nicolson's open pit resource model with mine records provides a difference of
	Any assumptions about correlation between variables.	-6% in tonnes, +15% in grade and +9% in gold metal compared to the resource model; however, the open pit area is only a small proportion of the current
	Description of how the geological interpretation was used to control the resource estimates.	resource extents. Production figures from Rowdies and Wagtails are low in confidence and have not reconciled to the resource model.
	Discussion of basis for using or not using grade cutting or capping.	By products are not included in the resource estimate.
	The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.	No deleterious elements have been estimated. Aresnic is known to be present, however metallurgical test work suggests that it does not adversely affect metallurgical recovery.

Criteria	JORC Code explanation	Cor	mmentary
Estimation and modelling techniques (continued)		•	Models were interpolated with a block model cell size of 10 mN x 5 mE x 5 mRL, with sub-celling for volume representation only to 0.3 m. Estimation used 4 passes at Nicolson's and 3 passes elsewhere. At Nicolson's Find, the 1st pass used a search radius of 50 m with a minimum of 8 and maximum of 32 samples. Nicolson's South estimation used a 90m radius for the 1st pass with a minimum of 4 and maximum of 12 samples. The search radius was increased by 1.5 for second pass and the minimum number of samples was decreased to 4 for the 3rd pass. The search radius was increased by a factor of 3 and the minimum number of samples decreased to 1 for the 4th pass at Nicolson's.
		•	The size of the blocks was determined by Kriging Neighbourhood Analysis in conjunction with the assumption of a relatively selective mining approach for both open pit and underground operations.
		•	Only gold has been estimated.
		•	Geological interpretation constrained initial resource wireframes; these were oriented along trends of grade continuity and were constrained further by cutoff grades.
		•	Grade distribution statistics were used to generate top cuts, along with the analysis of distribution graphs and disintegration analysis.
		•	Models were validated visually and by statistical comparison to input data both on a whole-of-domain and on a sectional basis using continuity or swathe plots.
Moisture	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content	•	Tonnage was estimated on a dry basis.
Cut-off parameters	The basis of the adopted cut-off grade(s) or quality parameters applied	•	Cut-off grades for reporting were based on notional mining cut-off grades for open pit (0.6 g/t Au) and underground operations (3 g/t Au).
Mining factors or assumptions	nptions dimensions and internal (or, if applicable, external) mining dilution. It is always	;	An optimised pit shell was used to constrain material described as open pit with material outside this shell assigned to a potential underground operation.
	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.	•	The minimum downhole intersection width of 2m for material above 200m and 1 m below 200m is considered to represent minimum mining widths for selective open pit and underground operations respectively.
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.		Metallurgical testwork has shown acceptable (> 95%) gold recovery using CIP technology. No factors from the metallurgy have been applied to the estimates.

Criteria	JORC Code explanation	Commentary
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 deposits are on granted mining leases with existing mining disturbance and infrastructure present.
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.	 Bulk density measurements of ore were calculated from drill core using the water displacement method and data from historical mining. Pit data provided 29 samples and drilling provided 91 samples.
	The bulk density for bulk material must have been measured by methods that	Bulk density estimates used were:
	adequately account for void spaces (vugs, porosity, etc.), moisture and differences between rock and alteration zones within the deposit.	Oxide All: 2.0 t/m3
	Discuss assumptions for bulk density estimates used in the evaluation process of	Transitional All: 2.4t/m3
	the different materials.	Fresh Rowdies and Wagtails: 2.7t/m3
		Fresh Nicolson's: 2.9t/m3
Classification	The basis for the classification of the Mineral Resources into varying confidence categories.	 Indicated material is defined where geology and grade continuity was evident and supported by drill spacing of less than 30 m by 30 m with at least 2 intercepts in the quartz lode. Inferred material is defined where lodes are supported by less
	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).	than 3 holes and drill spacing was greater than 30m x 30m.
		• Input data is considered sufficiently comprehensive for the level of confidence assigned to the resource estimate by the Competent Person.
	Whether the result appropriately reflects the Competent Person's view of the deposit.	The estimate appropriately reflects the view of the Competent Person.
Audits or reviews	The results of any audits or reviews of Mineral Resource estimates	• An audit of the estimate was carried out by an independent consultant. No significant issues were noted.
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	 The relative accuracy of the Mineral resource estimate is reflected in the reporting of the Mineral Resource as per the guidelines of the 2012 JORC Code.
	appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource	The statement reflects local estimates at the block size.
	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 resource model produced a 9% oz Au undercall against recorded production for the Nicolson's Find pit. This amount is considered to be within acceptable limits for the classification of the resource. Moreover, the open pit mining
	The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.	represents a small fraction of the existing resource area.
	These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	

Section 4: Estimation and Reporting of Ore Reserves – Halls Creek

Criteria	JORC Code explanation	Commentary
Mineral Resource estimate for conversion to Ore Reserves	 Description of the Mineral Resource estimate used as a basis for the conversion to an Ore Reserve. Clear statement as to whether the Mineral Resources are reported additional to, 	current JORC Resource Estimate. The Resource Estimate was completed by highle
	or inclusive of, the Ore Reserves.	The Resources Reported are inclusive of the Ore Reserve.
Site visits	Comment on any site visits undertaken by the Competent Person and the outcome of those visits.	involved in preparation of the overall operations plan which was the basis for th
	If no site visits have been undertaken indicate why this is the case.	Reserve Estimate.
Study status	The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves.	 The study completed to enable the estimation of the Reserve is considered to b a Feasibility level of study.
	The Code requires that a study to at least Pre-Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered.	formulation of the estimate
Cut-off parameters	The basis of the cut-off grade(s) or quality parameters applied.	The fully costed cut off grade is 4.1 g/t. incremental cut off grades for necessar activities were calculated separately, and insitu stope grades (pre dilution) were cut off at 3.5 g/t.

Criteria	JORC Code explanation	Commentary
Mining factors or assumptions	The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design).	software. It was assumed that stopes would suffer 15% dilution at 0g/t and achieve 95% recovery of diluted tonnes. Ore drives were designed on the basis
	• The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc.	that drives with less than 60% ore would be resue mined with 30% dilution at 0g/t and 100% recovery. Drives not resue mined were recovered with 0% dilution and 100% recovery.
	The assumptions made regarding geotechnical parameters (eg pit slopes, stope sizes, etc), grade control and pre-production drilling.	All Reserve tonnes are extracted using underground methods. Uphole benching is the primary mining method and is considered suitable for the type and geometry of the deposit. Geotechnical factors were estimated by expert geotechnical
	• The major assumptions made and Mineral Resource model used for pit and stope optimisation (if appropriate).	consultants.
	The mining dilution factors used.	Stopes are to be 30m along strike maximum. Where stopes are high grade they will be filled with loose waste to maximise extraction. In lower grade areas,
	 The mining recovery factors used. Any minimum mining widths used. The manner in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion. 	pillares are left as necessary.
		Stopes ware designed with a minimum width of 1.2m. All dilution is assumed to have zero gold value. Stopes are assumed to be mined without fill.
		Mining is by owner operator using leased equipment. Quoted and industry standard rates are assumed.
	The infrastructure requirements of the selected mining methods.	• For stoping 15% dilution at zero grade is used. Ore drives were designed on the basis that drives with less than 60% ore would be resue mined with 30% dilution at 0g/t and 100% recovery. Drives not resue mined were recovered with 0% dilution and 100% recovery.
		For development 100% of diluted ore mined is recovered. For stoping 95% of diluted ore is recovered.
		The minimum mining width is 1.2m for stopes.
		Inferred resources were included in the full mine plan. For the purpose of testing viability of the Reserve alone, the mine plan was also assessed using Reserves only. The reserve only model was viable with total costs <a\$1,000 oz.<="" per="" td=""></a\$1,000>
		The costs used in the model include all required infrastructure including fixed plant, buildings and magazines, and mine excavations.

Criteria	JORC Code explanation	Commentary
Metallurgical factors or assumptions	• The metallurgical process proposed and the appropriateness of that process to the style of mineralisation.	The existing processing plant at Nicolsons uses a conventional CIP circuit, which is appropriate for the style of mineralisation.
	Whether the metallurgical process is well-tested technology or novel in nature.	The CIP process is the conventional gold processing method in Western Australia and in well to the dead are described.
	 The nature, amount and representativeness of metallurgical test work undertaken, the nature of the metallurgical domaining applied and the corresponding metallurgical recovery factors applied. 	
	Any assumptions or allowances made for deleterious elements.	mine plan for that purpose. The recovery assumed is 96%.
	• The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the orebody as a whole.	There are not any know deleterious elements
	• For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications?	No bulk sampling or pilot scale testing has been undertaken.Not applicable
Infrastructure	The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided, or accessed.	The Nicolsons site has extensive existing infrastructure including a processing plant. The cost to bring all infrastructure back to operating status has been
Costs	The derivation of, or assumptions made, regarding projected capital costs in the study	Capital costs were estimated by identifying capital equipment items and estimating labour and equipment requirements for installation of capital equipment. Whenever possible quoted rates were used.
	The methodology used to estimate operating costs.	 Operating costs are calculated from first principles with quotations used when
	 Allowances made for the content of deleterious elements. The source of exchange rates used in the study. 	possible. Industry standard rates for labour and equipment were applied to a detailed mine schedule.
	 Derivation of transportation charges. 	There are no known deleterious elements and no adjustments have been made.
	 The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc. 	
	The allowances made for royalties payable, both Government and private.	Transport charges were based on quotation.
		Credit elements including silver were not attributed any value in the calculation and it is assumed that the silver credits received will cover refinement charges.
		• A 2.5% state government royalty was assumed. It was also assumed that Bulletin Resources does not contribute its 20% and a 1% royalty payment to Bulletin was applied.
Revenue factors	The derivation of, or assumptions made regarding revenue factors including head	
	grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc.	Gold price was assumed to be A\$1,400 per ounce.
	The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.	No revenue from silver or any metals other than gold was assumed.

Criteria	JORC Code explanation	Commentary
Market assessment	 The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future. 	Gold prices can be volatile and there are many conflicting positions on the future price of Gold. Pacific Niugini believes that A\$1,400 per ounce is a realistic forward price forecast for gold over the life of the proposed mine.
	A customer and competitor analysis along with the identification of likely market windows for the product.	
	Price and volume forecasts and the basis for these forecasts.	
	 For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract. 	
Economic	The inputs to the economic analysis to produce the net present value (NPV) in the	NPV was calculated with a discount rate of 8% per annum.
	study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc.	• Due to the short life of the proposed mine, inflation was not applied to costs or gold price.
	NPV ranges and sensitivity to variations in the significant assumptions and inputs.	
Social	• The status of agreements with key stakeholders and matters leading to social licence to operate.	• The project is on granted mining leases and the company has an access agreement with the pastoral lease owner who is also the local aboriginal corporation.
Other	To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves:	• Pacific Niugini's ownership of the project is governed by an Acquisition Agreement with Bulletin Resources. Pacific Niugini is satisfied that it has complied with the requirements of that agreement.
	Any identified material naturally occurring risks.	
	The status of material legal agreements and marketing arrangements.	 Signed transfer documents for the tenements are held by Pacific Niugini, however transfers have not occurred as the Department of State Revenue has
	The status of governmental agreements and approvals critical to the viability	not completed a Stamp Duty Assessment, and Stamp Duty must be paid prior to
	of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary	transfer of tenements. The Acquisition Agreement protects PNR's interest in the period prior to transfer.
	Government approvals will be received within the timeframes anticipated in the	PNR lodged its Mining Proposal and Closure Plan to the DMP in August 2014 and
	Pre-Feasibility or Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent.	believes that it is close to receiving approval for mining of the deposit. PNR is continuing to liaise with the department to expedite approvals.
Classification	The basis for the classification of the Ore Reserves into varying confidence categories.	The reserve has been derived from Indicated Resources, and no Measured Resources are identified in the resource model.
	Whether the result appropriately reflects the Competent Person's view of the deposit.	Recent drilling indicates that the ore may be narrower but higher grade in some sections of the Resource. The competent person is satisfied that the total gold to
	The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).	be recovered and the costs applied are suitable for the deposit.
Audits or reviews	The results of any audits or reviews of Ore Reserve estimates.	No audits or reviews have been completed.

Criteria	JORC Code explanation	Commentary
Discussion of relative accuracy/ confidence	 Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve 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 reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate. 	indicates that ore may be narrower but higher grade. A comparison of gram metres in the model vs gram metres in drilling indicated that the total ounces in the Reserve are reasonable and may be conservative.
	The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.	
	 Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage. 	
	• It is recognised that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	

Rule 5.3

Appendix 5B

Mining exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8. Amended 1/7/97, 1/7/98, 30/9/2001, 01/06/10.

Name of entity

Pacific Niugini Limited

ABN 30 003 207 467 Quarter ended ("current quarter")
30 June 2015

Consolidated statement of cash flows

Cash flows related to operating activities		Current quarter \$A'000	Year to date \$A'000
1.1 Receipts from product sales and related debtors			
	1	-	-
1.2	Payments for (a) exploration & evaluation	(119)	(223)
	(b) mine pre-development &	, ,	, ,
	exploration	(2,836)	(4,728)
	(c) production	=	-
	(d) administration	(349)	(986)
1.3	Dividends received	-	-
1.4	Interest and other items of a similar nature received	60	105
1.5	Interest and other costs of finance paid	(1)	(1)
1.6	Income taxes paid (Rebate)	=	-
1.7	Other (provide details if material)	-	-
	Net Operating Cash Flows	(3,245)	(5,833)
1.0	Cash flows related to investing activities		
1.8	Payment for purchases of: (a) prospects	-	-
	(b) equity investments	(2,050)	(3,303)
	(c) other fixed assets	(2,030)	(3,303)
1.9	Proceeds from sale of: (a) prospects	_	_
1.7	(b) equity investments	_	1
	(c) other fixed assets	180	284
	(6) 501151 111164 455515	100	_0.
1.10	Loans to other entities	_	(654)
1.11	Loans repaid by other entities	654	654
1.12	Other (provide details if material)	-	-
	Ψ · · · · · · · · · · · · · · · · · · ·		
	Net investing cash flows	(1,216)	(3,018)
1.13	Total operating and investing cash flows		
-	(carried forward)	(4,461)	(8,851)
1.13	Total operating and investing cash flows		
	(brought forward)	(4,461)	(8,851)

⁺ See chapter 19 for defined terms.

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	Cash flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc.	-	3,925
1.15	Proceeds from sale of forfeited shares		
1.16	Proceeds from borrowings	-0	9,200
1.17	Repayment of borrowings		
1.18	Dividends paid		
1.19	Other (provide details if material)	-	(103)
	Net financing cash flows	-	13,022
	Net increase (decrease) in cash held	(4,461)	4,171
1.20	Cash at beginning of quarter/year to date	11,226	2,595
1.21	Exchange rate adjustments to item 1.20	-	(1)
1.22	Cash at end of quarter	6,765	6,765

Payments to directors of the entity and associates of the directors

Payments to related entities of the entity and associates of the related entities

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	141
1.24	Aggregate amount of loans to the parties included in item 1.10	-

1.25 Explanation necessary for an understanding of the transactions

Total amounts paid to directors including salaries, directors fees, superannuation and consulting fees

Non-cash financing and investing activities

- 2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows
- 2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

Financing facilities available

Add notes as necessary for an understanding of the position.

		Amount available \$A'000	Amount used \$A'000
3.1	Loan facilities (Gold Prepayment)	9,200	9,200
3.2	Credit standby arrangements	-	-

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⁺ See chapter 19 for defined terms.

Estimated cash outflows for next quarter

	Total	6,300
4.5	Plant and equipment	550
4.4	Administration	300
4.3	Production	1,400
4.2	Project Evaluation and Development	4,000
4.1	Exploration	50
		\$A'000

Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.		Current quarter \$A'000	Previous quarter \$A'000
5.1	Cash on hand and at bank	3,112	1,404
5.2	Deposits at call	3,653	9,822
5.3	Bank overdraft		
5.4	Other (provide details)		
	Total: cash at end of quarter (item 1.22)	6,765	11,226

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⁺ See chapter 19 for defined terms.

Changes in interests in mining tenements

- 6.1 Interests in mining tenements relinquished, reduced or lapsed
- 6.2 Interests in mining tenements acquired or increased

Tenement	Nature of interest	Interest at	Interest at
reference	(note (2))	beginning	end of
		of quarter	quarter

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⁺ See chapter 19 for defined terms.

Issued and quoted securities at end of current quarterDescription includes rate of interest and any redemption or conversion rights together with prices and dates.

		Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1	Preference *securities (description)	_	_		
7.2	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy- backs, redemptions				
7.3	*Ordinary securities	392,453,924	392,453,924		
7.4	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy- backs				
7.5	+Convertible debt securities (description)	-	-		
7.6	Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted	-	-	-	-
7.7	Options (description and conversion factor) Performance Rights	150,000 500,000 2,000,000 4,000,000 2,000,000 2,500,000		Exercise price 17 cents 18.5 cents 9 cents 10 cents Nil Nil	Expiry date 07/03/2016 30/05/2016 21/11/2016 30/06/2018 21/11/2016 30/01/2017
7.8	Issued during quarter Options	2,000,000			33,01,2017
	Performance Rights				
7.9	Exercised during quarter <i>Options</i>				
	Performance Rights				

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⁺ See chapter 19 for defined terms.

7.10	Expired during quarter <i>Options</i>		
	Performance rights		
	Cancelled during quarter <i>Options</i>		
	Performance rights		
7.11	Debentures (totals only)		
7.12	Unsecured notes (totals only)		

Compliance statement

- This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 4).
- 2 This statement does give a true and fair view of the matters disclosed.

Sign here: David Okeby

Date: 29 July 2015.

(Company secretary)

Print name: David Okeby.

Notes

- The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position.

 An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- Issued and quoted securities The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- The definitions in, and provisions of, AASB 1022: Accounting for Extractive Industries and AASB 1026: Statement of Cash Flows apply to this report.
- Accounting Standards ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

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⁺ See chapter 19 for defined terms.