

# 27.0m @ 4.1g/t gold intersected at Loma Bonita

## Highlights:

- Near-surface, thick, high grade gold zone identified at Loma Bonita
- Drill hole MDPD-012 intersected:
  - 48.0m @ 2.68g/t Au & 32g/t Ag from 23.1m; which includes
    - 27.0m @ 4.07g/t Au & 27g/t Ag from 23.1m; including
      - 15.6m @ 5.18g/t Au & 22g/t Ag from 23.1m
- Drill hole MDPD-011 intersected:
  - 18.4m @ 1.57g/t Au & 40g/t Ag from surface
- All gold and silver mineralisation is hosted in weathered rock in the oxide zone
- Mineralised zone is over 300m long and remains open in all directions
- Drilling continues at Loma Bonita, Mesa de Plata (northeastern resource expansion) and shortly at Mesa de Plata Norte

**Azure Minerals Limited** (ASX: AZS) (“Azure” or “the Company”) is pleased to advise that on-going diamond drilling at its flagship Alacrán Project in Mexico has delivered the first significant gold intercepts, with drilling at the Loma Bonita prospect intersecting a thick zone of high grade gold mineralisation.

**Azure’s Managing Director, Tony Rovira** described the high grade nature of the gold intersections as highly encouraging for the Alacrán Project.

*“This is very exciting, particularly as the gold grades and thicknesses appear to be increasing towards the south,”* he said.

*“As with previously announced gold intercepts at Loma Bonita, this mineralisation is situated near surface within oxidised rocks, which is very promising for future mining and processing operations.*

*“I now consider Loma Bonita to be a gold project with excellent silver credits. The high gold grades and significant widths of these intercepts augur well for the possible delineation of a significant gold deposit and are positive for the future development of the Alacrán project.*

*Our dual pathways of development and exploration are delivering very positive benefits for the Company.”*

Loma Bonita is located only 200m from the Mesa de Plata silver deposit where Azure recently reported a near-surface, multi-million ounce silver Mineral Resource (ASX: 9 May 2016).

All gold intercepts at Loma Bonita occur within the oxide zone, either at or very near to surface, and the length of the mineralised zone has now been extended in a north-south direction to over 300m. Further drilling to test the east-west dimensions will commence shortly.

Additionally, Azure will also soon be drilling the Mesa de Plata Norte silver targets where surface sampling returned high grade silver results (ASX: 10 February 2016).

## **DETAILS**

Strong gold mineralisation occurs in holes MDPD-011 and 012 (see Figure 1 and Table 1), and is uniformly present throughout the mineralised zones in both holes. Importantly, MDPD-012 has provided the project’s first high grade gold intersection with a **27.0m wide zone returning 4.07g/t Au** inside a wider interval of **48m @ 2.68g/t Au**.

Holes **MDPD-011** and **012** are respectively located approximately 60m and 120m south of the Loma Bonita discovery hole **MDPD-007** (ASX:17 March 2016) (see Figure 3), which returned:

- 20.0m @ 1.52g/t Au & 62g/t Ag from surface, including;
- 10.7m @ 2.76g/t Au & 66g/t Ag from surface.

Hole **MDPD-008**, located a further 160m north of MDPD-007, returned:

- 7.5m @ 1.05g/t Au & 130g/t Ag from 2.0m; (ASX: 18 April 2016).

Similar to the earlier holes at Loma Bonita, MDPD-011 & 012 drilled siliceous hydrothermal breccias with quartz veining (see Figure 2). The intensity of the silicification, quartz veining and brecciation is strong. Weathering and oxidation is present from surface to 100m-150m downhole, with the rock being hematitic (iron oxide-rich) in this zone. Below this level, significant amounts of disseminated pyrite (iron sulphide) mineralisation are present in each hole.

**Table 1: Significant gold and silver intercepts from MDPD-011 & MDPD-012**

HOLE No	DEPTH (m)		WIDTH (m)	GRADE	
	FROM	TO		Au (g/t)	Ag (g/t)
MDPD-011	0.00	18.4	18.4	1.57	40
which includes	2.00	9.70	7.70	2.00	48
MDPD-012	23.1	71.1	48.0	2.68	32
which includes	23.1	50.1	27.0	4.07	27
including	23.1	38.7	15.6	5.18	22
and	59.8	69.4	9.6	1.40	52

Figure 1: Section through Loma Bonita gold-rich zone

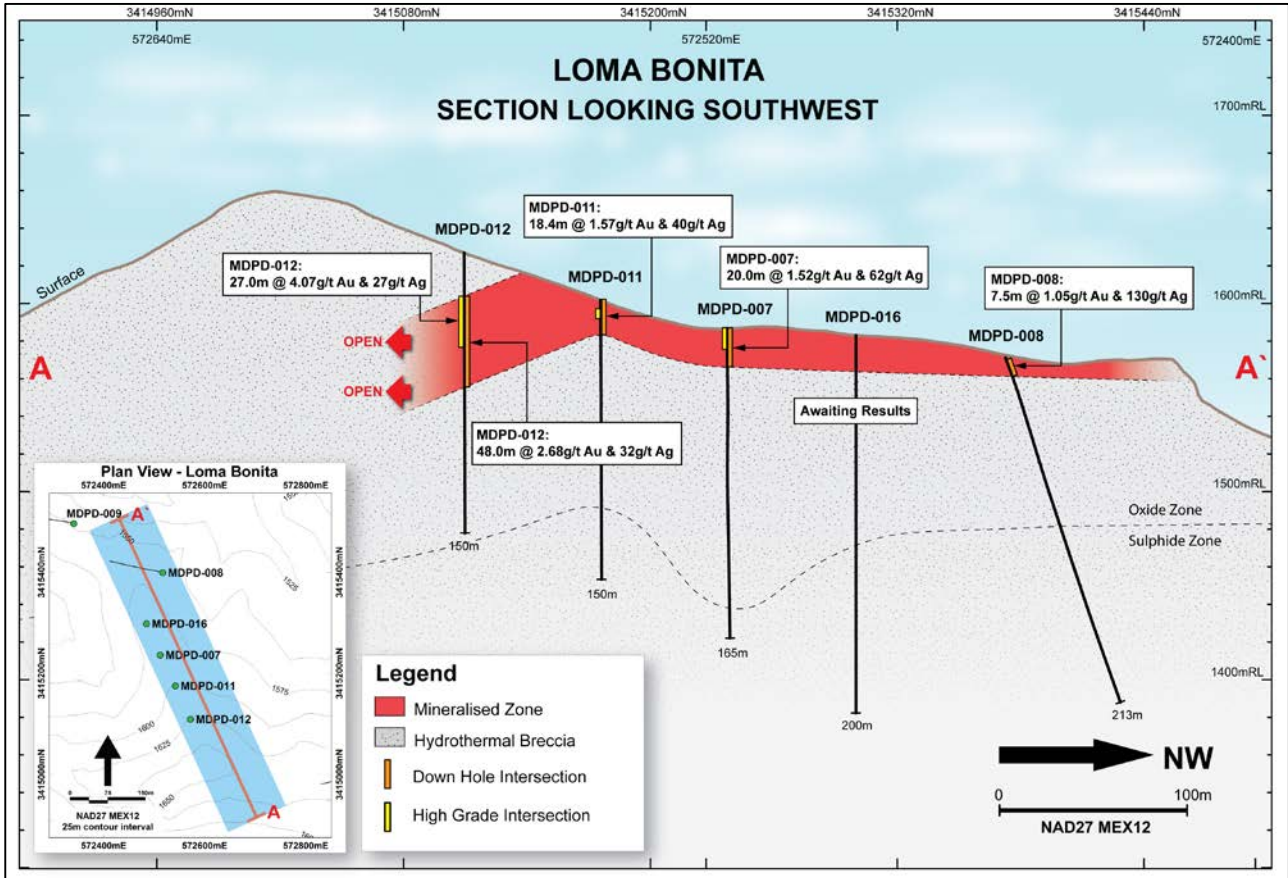
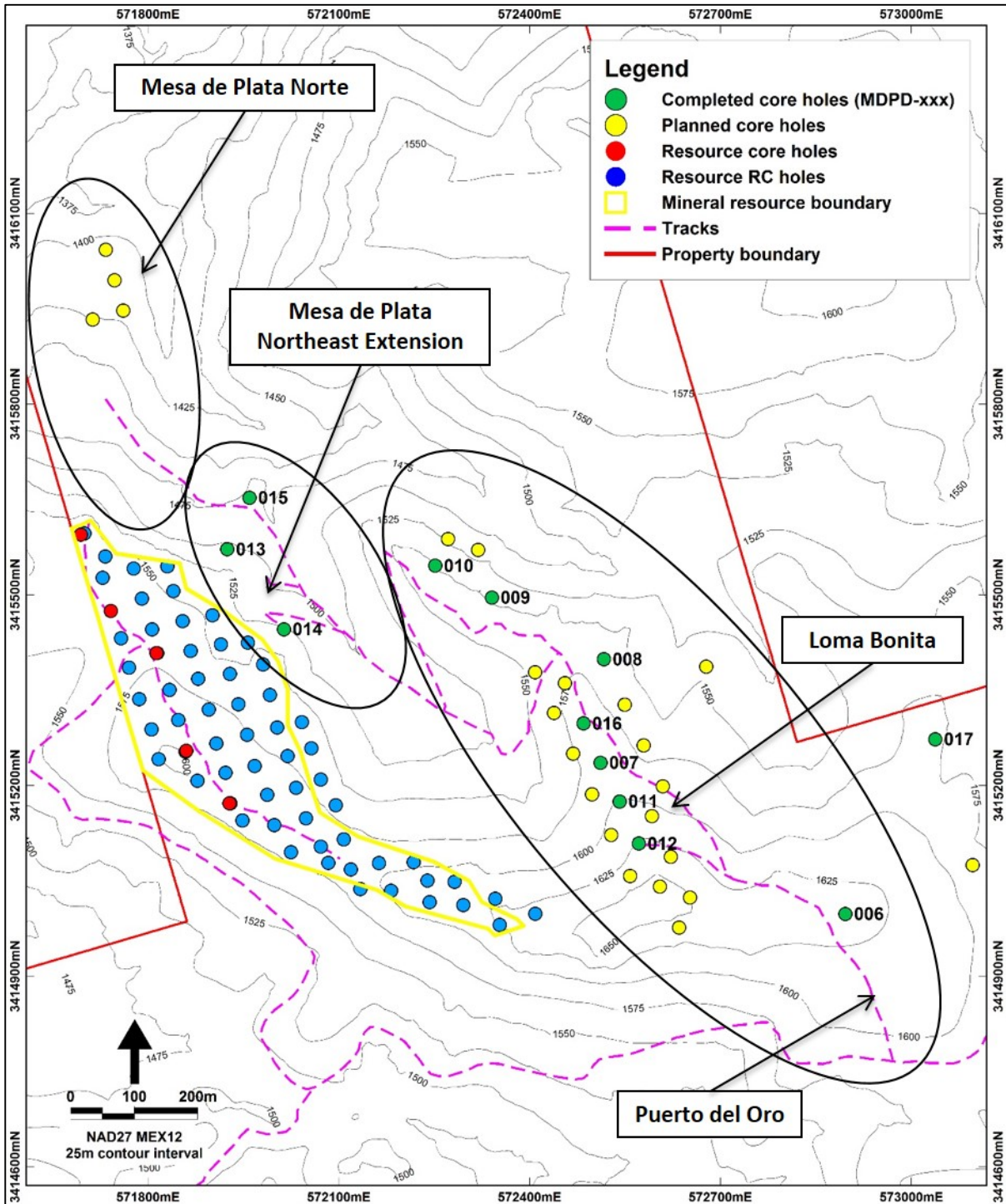


Figure 2: MDPD-012 drill core showing interval 23.65m-25.15m: 1.50m @ 5.60g/t Au



Figure 3: Loma Bonita – Mesa de Plata drill hole location plan



**Table 2: Diamond drill hole information**

HOLE No.	EAST (mE)	NORTH (mN)	ELEVATION (mASL)	AZIMUTH	DIP	TOTAL DEPTH	LOCATION
MDPD-006	572897	3414998	1,631	270	-80	539.0	Puerto del Oro
MDPD-007	572512	3415236	1,587	000	-90	165.0	Loma Bonita
MDPD-008	572517	3415399	1,566	290	-60	213.0	Loma Bonita
MDPD-009	572341	3415496	1,547	290	-60	200.2	Loma Bonita
MDPD-010	572252	3415546	1,548	290	-60	172.0	Loma Bonita
MDPD-011	572542	3415175	1,602	000	-90	149.9	Loma Bonita
MDPD-012	572572	3415109	1,627	000	-90	150.0	Loma Bonita
MDPD-013	571925	3415572	1,505	000	-90	28.0	Mesa de Plata
MDPD-014	572014	3415446	1,526	000	-90	65.0	Mesa de Plata
MDPD-015	571960	3415653	1,475	110	-60	80.0	Loma Bonita
MDPD-016	572485	3415298	1,578	000	-90	200.8	Loma Bonita
MDPD-017	573038	3415273	1,580	000	-90	150.0	Loma Bonita

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*Information in this report that relates to Exploration Results is based on information compiled by Mr Tony Rovira, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Rovira is a full-time employee and Managing Director of Azure Minerals Limited. Mr Rovira has sufficient experience which is relevant to the styles of mineralisation and types 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 Rovira consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

*Information in this report that relates to previously reported Exploration Results has been cross-referenced in this report to the date that it was reported to ASX. Azure Minerals Limited confirms that it is not aware of any new information or data that materially affects information included in the relevant market announcement.*

## **Appendix A: Alacrán Background**

Alacrán is located in the northern Mexican state of Sonora approximately 50km south of the USA border. The property covers 54km<sup>2</sup> of highly prospective exploration ground in the middle of the Laramide Copper Province. This is one of North America's most prolific copper-producing districts, extending from northern Mexico into the southern United States.

Alacrán is close to several large copper mines, including being 15km from the world class, giant Cananea Copper Mine operated by Grupo Mexico. This is one of Mexico's premier mining districts, with world class production of copper together with significant amounts of gold, silver and molybdenum.

There is excellent access to and within the Alacrán property, via a sealed highway from Hermosillo, capital of the state of Sonora, and existing mine roads and ranch tracks. The nearby town of Cananea is a mining-friendly jurisdiction with experienced exploration and mining services, as well as physical infrastructure including roads, railway, airport, electrical power and water.

Commercial and artisanal mining occurred within the project area in the early 20<sup>th</sup> century, ending in 1913 due to the Mexican Revolution. Since that time, Alacrán has seen only limited exploration and its potential for hosting large porphyry copper deposits and smaller high grade precious and base metal deposits remains largely untested by modern exploration techniques.

The Anaconda Copper Mining Company explored the property intermittently from the 1930s to the 1960s. Data relating to this work is held in the Anaconda Geological Documents Collection, part of the American Heritage Centre in the University of Wyoming. Azure has visited the library and retrieved copies of numerous technical reports and maps.

Between the 1960s and the early 1980s, the Consejo de Recursos Minerales (Mexican Geological Survey) carried out occasional exploration programs, including drilling 6 holes at the Cerro Alacrán prospect in 1970 and undertaking geophysical surveys over the Palo Seco and La Morita prospects in 1981.

Grupo Mexico S.A.B.de C.V. ("Grupo Mexico") then acquired the project and drilled 26 holes at Cerro Alacrán in the 1990s. This drilling, which was restricted to an area of approximately 50 hectares, outlined a large body of near-surface, copper oxide and chalcocite (copper sulphide) mineralisation. The size, grade and the extent of this mineralised body is yet to be defined as a mineral resource to JORC Code standards.

Minera Teck S.A. de C.V. ("Teck"), a Mexican subsidiary of Canadian company Teck Resources Limited, acquired the property from Grupo Mexico in 2013 and undertook data compilation and limited surface exploration.

Azure Minerals acquired the rights to the project in December 2014 through its fully owned Mexican subsidiary Minera Piedra Azul S.A. de C.V.

Azure has signed an Agreement with Teck to acquire 100% of the property, subject to an underlying back-in right retained by Teck and a 2% NSR retained by Grupo Mexico. Teck Resources Limited is Canada's largest diversified resource company. Grupo Mexico is Mexico's largest and one of the world's largest copper producers.

Appendix B: JORC Table 1

# JORC Code, 2012 Edition – Table 1

## Section 1: Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<p><i>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.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>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.</i></p>	<p>An ongoing program of diamond core drilling is being undertaken on the Alacrán Project.</p> <p>Initial drill hole collar locations were determined by hand-held GPS.</p> <p>All drill holes were surveyed for down-hole deviation, with surveys undertaken at 30m intervals and at bottom of hole.</p> <p>Drill core was sampled at 0.15m to 1.5m intervals guided by changes in geology.</p> <p>Samples preparation was undertaken at Acme Laboratories (a Bureau Veritas Group company) in Hermosillo, Sonora., Mexico. Samples were weighed, assigned a unique bar code and logged into the Acme tracking system. Samples were dried and each sample was fine crushed to &gt;70% passing a 2 mm screen. A 250g split was pulverised using a ring and puck system to &gt;85% passing 75 micron screen.</p> <p>Envelopes containing the 250g sample pulps were sent via courier to the Acme laboratory in Vancouver, Canada for analysis.</p> <p>The analytical techniques for all elements (other than gold) initially involved a four-acid digest followed by multi-element ICP-MS analysis. This technique is considered a total digest for all relevant minerals.</p> <p>Following the four-acid digest, the analytical method used was MA300 (for silver and base metals by ICP-MS).</p> <p>Fire Assay method FA430 was used for gold.</p> <p>Over-limit assays were re-analysed by MA370 (by ICP-ES for base metals grading &gt;1%) and FA530 (by fire assay with gravimetric finish for silver grading &gt;200ppm and gold grading &gt;10ppm).</p>
Drilling techniques	<p><i>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).</i></p>	<p>Drilling technique for all holes was diamond drilling with HQ-size (63.5mm diameter) core. MDPD-006 was drilled with an RC precollar from 0m to 231m. All other holes were cored from surface.</p> <p>Drill core was not orientated.</p>
Drill sample recovery	<p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p> <p><i>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.</i></p>	<p>All samples came from diamond core drilling (with the exception of the RC precollar in MDPD-006). Core was reconstructed into continuous runs. Depths were measured from the core barrel and checked against marked depths on the core blocks. Core recoveries were logged and recorded in the database.</p> <p>Sample recoveries within the top 3m of MDPD-007 are approximately 50%.</p> <p>Sample recoveries throughout the remainder of the cored holes were high with &gt;85% of the drill core having recoveries of &gt;90%.</p> <p>There is no observable relationship between recovery and grade, and therefore no sample bias.</p>

<p>Logging</p>	<p><i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p>	<p>Detailed core logging was carried out with recording of weathering, lithology, alteration, veining, mineralisation, structure, mineralogy, RQD and core recovery.</p> <p>Drill core was photographed, wet and without flash, in core trays prior to sampling. Each photograph includes an annotated board detailing hole number and depth interval.</p> <p>All holes were logged in full.</p>
<p>Sub-sampling techniques and sample preparation</p>	<p><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></p> <p><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></p> <p><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></p> <p><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></p> <p><i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i></p> <p><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></p>	<p>Using a core saw, drill core was sawn in half. All samples were half core and were collected from the same side of the core.</p> <p>No non-core samples were collected.</p> <p>The sample collection and preparation followed industry best practice.</p> <p>Samples were prepared at the Acme laboratories in Hermosillo or Chihuahua, Mexico. Samples were weighed, assigned a unique bar code and logged into the Acme tracking system. The sample was dried and the entire sample was fine crushed to &gt;70% passing a 2 mm screen. A 250g split was pulverised using a ring and puck system to &gt;85% passing 75 micron screen.</p> <p>Envelopes containing the 250g pulps were sent via courier to the Acme laboratory in Vancouver.</p> <p>Certified Reference Standards, replicate samples, pulp duplicate samples, and blank samples were routinely inserted alternately at intervals of every 10 samples, and also immediately following visually identified mineralised intercepts to provide assay quality checks. Review of the standards and blanks are within acceptable limits.</p> <p>The sample sizes are considered appropriate to the grain size of the material being sampled.</p>
<p>Quality of assay data and laboratory tests</p>	<p><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></p> <p><i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></p> <p><i>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.</i></p>	<p>The analytical techniques for all elements (other than gold) initially involved a four-acid digest followed by multi-element ICP-MS analysis. This technique is considered a total digest for all relevant minerals.</p> <p>Following the four-acid digest, the analytical method used was MA300 (for silver and base metals by ICP-MS).</p> <p>Fire Assay method FA430 was used for gold.</p> <p>Over-limit assays were re-analysed by MA370 (by ICP-ES for base metals grading &gt;1%) and FA530 (by fire assay with gravimetric finish for silver grading &gt;200ppm and gold grading &gt;10ppm).</p> <p>Azure implemented industry standard QAQC protocols to monitor levels of accuracy and precision.</p> <p>Internal laboratory control procedures comprised duplicate sampling of randomly selected assay pulps, as well as internal laboratory standards and blanks.</p> <p>Azure routinely inserted Certified Reference Standards, replicate samples, duplicate samples, and blank samples at alternate sample intervals to provide assay quality checks. Review of the standards, duplicates and blanks are within acceptable limits.</p> <p>No geophysical or portable analysis tools were used to determine assay values.</p>
<p>Verification of sampling and assaying</p>	<p>The verification of significant intersections by either independent or alternative company personnel.</p> <p>The use of twinned holes.</p> <p>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic)</p>	<p>Senior technical personnel from the Company (Project Geologist, &amp; Exploration Manager) have inspected the drilling and sampling.</p> <p>Primary data was collected by employees of the Company at the project site. All measurements and observations were recorded onto hard copy templates and later</p>



	<p>protocols.</p> <p>Discuss any adjustment to assay data.</p>	<p>transcribed into the Company's digital database. Digital data storage, verification and validation is managed by an independent data management company.</p> <p>No adjustments or calibrations have been made to any assay data.</p>
Location of data points	<p><i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></p> <p><i>Specification of the grid system used.</i></p> <p><i>Quality and adequacy of topographic control.</i></p>	<p>Drill hole collar locations were determined by hand-held GPS.</p> <p>Final drill hole collar locations will be surveyed by a licensed surveyor using a two frequency differential GPS with accuracy of +/-3cm.</p> <p>All drill holes were surveyed for down-hole deviation, with surveys undertaken at 30m intervals and at bottom of hole.</p> <p>The grid system used is NAD27 Mexico UTM Zone 12 for easting, northing and RL.</p>
Data spacing and distribution	<p><i>Data spacing for reporting of Exploration Results.</i></p> <p><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></p> <p><i>Whether sample compositing has been applied.</i></p>	<p>Being a reconnaissance exploration drill program, drill hole spacing is variable.</p> <p>Data spacing and distribution are not sufficient to establish the degree of geological and grade continuity appropriate for a Mineral Resource estimation procedure.</p> <p>No composite samples were collected.</p>
Orientation of data in relation to geological structure	<p><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></p> <p><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></p>	<p>Geological controls and orientations of the mineralised zone are unknown at this time and therefore all mineralised intersections are reported as "intercept length" and may not reflect true width.</p> <p>No sampling bias is believed to have been introduced.</p>
Sample security	<p><i>The measures taken to ensure sample security.</i></p>	<p>Assay samples were placed in poly sample bags, each with a uniquely numbered ticket stub from a sample ticket book. Sample bags were marked with the same sample number and sealed with a plastic cable tie. Samples were placed in woven polypropylene "rice bags" and a numbered tamper-proof plastic cable tie was used to close each bag. The rice bags were delivered by company personnel directly to the Acme laboratory for sample preparation. The numbers on the seals were recorded for each shipment. ACME audited the arriving samples and reported any discrepancies back to the Company. No such discrepancies occurred.</p>
Audits or reviews	<p><i>The results of any audits or reviews of sampling techniques and data.</i></p>	<p>All digital data is subject to audit by the independent data manager.</p>

## Section 2: Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary																																																																																												
Mineral tenement and land tenure status	<p><i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></p> <p><i>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.</i></p>	<p>The Alacrán Project comprises 22 mineral concessions 100% owned by Minera Teck SA de CV, a subsidiary of Teck Resources Limited.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #D3D3D3;">CLAIM</th> <th style="background-color: #D3D3D3;">FILE</th> <th style="background-color: #D3D3D3;">TITLE</th> <th style="background-color: #D3D3D3;">HECTARES</th> </tr> </thead> <tbody> <tr><td>Hidalgo</td><td>1794</td><td>166374</td><td>99.00</td></tr> <tr><td>Hidalgo 2</td><td>1796</td><td>166369</td><td>99.00</td></tr> <tr><td>Hidalgo 3</td><td>1797</td><td>166368</td><td>99.00</td></tr> <tr><td>Hidalgo 4</td><td>1798</td><td>166366</td><td>99.00</td></tr> <tr><td>Hidalgo 5</td><td>1799</td><td>166370</td><td>99.00</td></tr> <tr><td>Hidalgo 6</td><td>1800</td><td>166371</td><td>99.00</td></tr> <tr><td>Hidalgo 7</td><td>1801</td><td>166373</td><td>99.00</td></tr> <tr><td>Hidalgo 8</td><td>1802</td><td>166372</td><td>99.00</td></tr> <tr><td>Hidalgo 9</td><td>1803</td><td>166375</td><td>99.00</td></tr> <tr><td>Kino 2</td><td>1886</td><td>166313</td><td>100.00</td></tr> <tr><td>Kino 3</td><td>1887</td><td>166312</td><td>100.00</td></tr> <tr><td>Kino 4</td><td>1888</td><td>166314</td><td>100.00</td></tr> <tr><td>Kino 8</td><td>1892</td><td>166315</td><td>100.00</td></tr> <tr><td>Kino 9</td><td>1893</td><td>166316</td><td>100.00</td></tr> <tr><td>Kino 10</td><td>1894</td><td>166317</td><td>100.00</td></tr> <tr><td>Kino 11</td><td>1895</td><td>166318</td><td>100.00</td></tr> <tr><td>Kino 15</td><td>1899</td><td>166365</td><td>100.00</td></tr> <tr><td>Kino 16</td><td>1800</td><td>166367</td><td>100.00</td></tr> <tr><td>San Simón</td><td>1894</td><td>166376</td><td>100.00</td></tr> <tr><td>San Simón 2</td><td>1895</td><td>166377</td><td>100.00</td></tr> <tr><td>El Alacrán</td><td>E.4.13/1182</td><td>201817</td><td>3,442.36</td></tr> <tr style="background-color: #D3D3D3;"><td><b>TOTAL SURFACE</b></td><td></td><td></td><td><b>5,433.36</b></td></tr> </tbody> </table> <p>Azure Minerals has an Option to acquire 100% ownership of these concessions by spending US\$5 million over four years, subject to Teck having a one-off right to buy back up to 65% ownership.</p> <p>A 2% Net Smelter Royalty is held by Grupo Mexico.</p> <p>The tenements are secure and are in good standing. There are no known impediments to obtaining a licence to operate in the area.</p>	CLAIM	FILE	TITLE	HECTARES	Hidalgo	1794	166374	99.00	Hidalgo 2	1796	166369	99.00	Hidalgo 3	1797	166368	99.00	Hidalgo 4	1798	166366	99.00	Hidalgo 5	1799	166370	99.00	Hidalgo 6	1800	166371	99.00	Hidalgo 7	1801	166373	99.00	Hidalgo 8	1802	166372	99.00	Hidalgo 9	1803	166375	99.00	Kino 2	1886	166313	100.00	Kino 3	1887	166312	100.00	Kino 4	1888	166314	100.00	Kino 8	1892	166315	100.00	Kino 9	1893	166316	100.00	Kino 10	1894	166317	100.00	Kino 11	1895	166318	100.00	Kino 15	1899	166365	100.00	Kino 16	1800	166367	100.00	San Simón	1894	166376	100.00	San Simón 2	1895	166377	100.00	El Alacrán	E.4.13/1182	201817	3,442.36	<b>TOTAL SURFACE</b>			<b>5,433.36</b>
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El Alacrán	E.4.13/1182	201817	3,442.36																																																																																											
<b>TOTAL SURFACE</b>			<b>5,433.36</b>																																																																																											
Exploration done by other parties	<p><i>Acknowledgment and appraisal of exploration by other parties.</i></p>	<p>The project area has a history of industrial-scale commercial mining and small-scale artisanal mining dating back to the early 20<sup>th</sup> century, which ended shortly after the start of the Mexican Revolution in 1910. After the Revolution ended in the 1920's, the property was explored intermittently.</p> <p>The Anaconda Copper Mining Company is known to have done some exploration, including drilling, on the property prior to the late 1960's. Data relating to this work has been located but has yet to be reviewed.</p> <p>Between 1969 and the early 1980's, the Consejo de Recursos Minerales (Mexican Geological Survey) carried out occasional exploration programs, including drilling 6 holes in 1970 and undertaking geophysical surveys over the Palo Seco and La Morita prospects in 1981.</p> <p>Grupo Mexico acquired the project after the CRM completed their drilling. Grupo Mexico drilled an additional 26 holes on the project in two phases. The first phase was done in 1991 (24 holes) and the second phase was done in 1997 and 1998 (two holes).</p> <p>Minera Teck S.A. de C.V., a Mexican subsidiary of Teck Resources Limited acquired the property in 2013 and undertook limited surface exploration.</p>																																																																																												

		Azure Minerals acquired the rights to the project in December 2014 through its fully owned Mexican subsidiary company Minera Piedra Azul SA de CV.
Geology	<i>Deposit type, geological setting and style of mineralisation.</i>	Various styles of mineralisation occur on the property.  Epithermal zones, veins, breccias and stockworks host silver, lead, zinc, copper and gold in volcanoclastic rocks (Mesa de Plata, Loma Bonita, San Simon and Palo Seco).  Secondary copper oxide and chalcocite mineralisation occur in volcanic rocks (La Morita and Cerro Alacrán).  Primary copper mineralization is hosted in porphyry rocks.
Drill hole information	<i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> <li>• <i>easting and northing of the drill hole collar</i></li> <li>• <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li>• <i>dip and azimuth of the hole</i></li> <li>• <i>down hole length and interception depth</i></li> <li>• <i>hole length.</i></li> </ul> <p><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></p>	Refer to figures and tables in the report which provide all relevant details.
Data aggregation methods	<i>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.</i>  <i>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.</i>  <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	All reported mineralised intervals have been length-weighted. No top cuts have been applied.  High grade intervals internal to broader mineralised zones, if existing, are reported as included zones.
Relationship between mineralisation 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 (e.g. ‘down hole length, true width not known’).</i>	Geological controls and orientations of the mineralised zones are unknown at this time and therefore all mineralised intersections are reported as “intercept length” and may not reflect true width.
Diagrams	<i>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.</i>	Refer to Figures in the accompanying report.
Balanced reporting	<i>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.</i>	The Company believes that the ASX announcement is a balanced report with all material results reported.
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.</i>	This announcement refers to previous exploration results including geophysics, geochemistry and geology.

Further work	<i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive</i>	Further work to better understand the mineralisation systems in the project area will be determined upon a full analysis and interpretation of results.
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