

LIMITED

LATIN RESOURCES LIMITED ACN: 131 405 144

Suite 2, Level 1, 254 Rokeby Road Subiaco, Western Australia, 6008.

**P** 08 9485 0601 **F** 08 9321 6666

E info@latinresources.com.au

03 February 2015

# COPPER MINERALISATION CONFIRMED OVER 1.1 KM OF STRIKE AT ILO ESTE COPPER PORPHYRY

#### **Highlights**

- Third hole, IE-JDD-003, completed to a depth of 629.2 m, with continuous copper mineralisation from surface to 472 m down hole in potassic altered and stockworked porphyry intrusives.
- 0-472 m @ 0.11% Cu, 0.09g/t Au, 11ppm Mo, 1.6g/t Ag (uncut).
  - Highest grades intersected: 0.33% Cu, 1.5g/t Au, 68ppm Mo, 41g/t Ag.
- This is the longest intersection of continuous copper mineralisation at Ilo Este to date, and reinforces potential magnitude of the deposit.
- Three holes now completed over 1.1 km of strike, each consistently mineralised from surface to 200 m, 318 m and now 472 m down hole respectively.
- Geology, alteration and mineralisation seen to date clearly indicate that Ilo Este is a very large copper porphyry system now intersected over 1.1km of strike in the northern belt alone.
- Latin in discussions with a number of potential partners to further evaluate such a large system - considered the most cost effective and timely strategy to realize value for shareholders. The overall IIo Este mineralised porphyry system covers at least 3km<sup>2</sup>, located 6 km from the Pan-American Highway, a Railway and an Electrical Substation, and from there 32 km to the Port of IIo.
- Over 560,000 tonnes per annum copper production and 125 billion pounds of copper in published resources and reserves within 130 km of Ilo Este.

Latin Resources Limited (ASX: LRS) ("Latin" or "the Company") announces that the third drill hole at its 100% owned Ilo Este project, IE-JDD-003, has been completed to 629.2 m depth and all assay results have been received.

Hole IE-JDD-003 was consistently mineralised from surface to 472 m down hole depth, with uncut average grades of 472 m @ 0.11% Cu, 0.09g/t Au, 11ppm Mo and 1.6g/t Ag, including the following intersections applying a 0.1% Cu cut-off grade for the average (Avg), with the maximum (Max) grade of each metal in each intersection included for comparison (sample intervals are over 2m lengths of core, only intersections greater than 2m are shown):

From	То	Interval	Cu	(%)	Au	(g/t)	Mo (ı	opm)	Ag	(g/t)	m <0.1% Cu
(m)	(m)	(m)	Avg	Max	Avg	Max	Avg	Max	Avg	Max	included in avg
0	472	472	0.11	0.33	0.09	1.5	11	68	1.6	41	212
Including	<b>j</b> :										
6	64	60	0.11	0.23	0.08	0.29	9	36	1.3	5.4	28
84	178	94	0.15	0.33	0.15	0.44	10	34	2.4	12	2
188	284	96	0.12	0.25	0.11	1.5	16	38	2.4	41	40
292	298	6	0.12	0.13	0.05	0.06	23	29	1.4	1.9	0
306	310	4	0.13	0.15	0.07	0.09	23	25	0.9	1.0	0
316	322	6	0.12	0.12	0.06	0.07	18	32	1.2	1.9	0
334	342	8	0.12	0.17	0.24	0.73	13	28	2.6	6.3	2
360	364	4	0.17	0.23	0.12	0.12	9	12	1.7	2.3	0
384	472	88	0.12	0.23	0.07	0.34	7	27	0.8	1.9	32

It should be noted that more than 80% of the relatively large intervals grading <0.1% Cu that were included in some of the average grades are greater than 0.05% Cu, supporting the constancy and size of the mineralised system. Depths are down hole depths.

Copper mineralisation is present in moderate to intensely potassic altered and stockworked porphyry intrusives ranging from quartz diorite, diorite and micro-diorite. The copper mineralisation is predominantly chalcopyrite (copper sulphide) and is commonly associated with potassic alteration observed occasionally as k-feldspar and more commonly as secondary biotite. Chalcopyrite is seen in veinlets and also disseminated through the rock mass.

The mineralisation in IE-JDD-003, clearly verifies the importance of the porphyry system as mapped over more than  $3 \text{km}^2$  as a large and significantly mineralised system with substantial scope for improved grades within the overall envelope of alteration and mineralisation mapped to date. The three holes drilled so far, each hosting porphyry copper mineralisation, cover 1.1 km of strike in the northern intrusive belt (Figure 1).

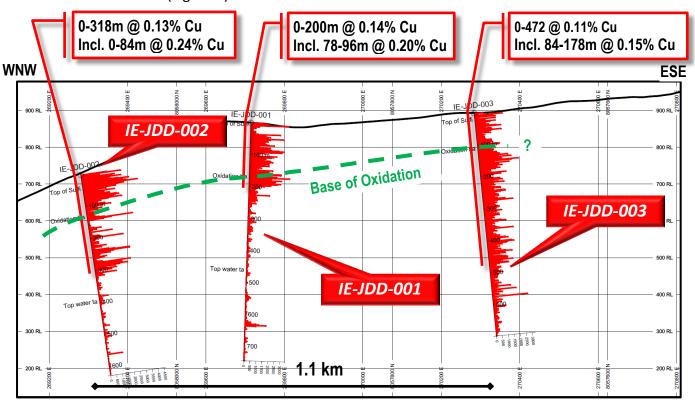


Figure 1 – Long section parallel with the strike of the Northern Intrusive Belt showing copper assay results (red) from drill holes IE-JDD-001, IE-JDD-002 and IE-JDD-003. Section line appears on map in Figure 4.

The likely extension of the northern intrusive belt under cover to the East South East increases the size potential of the already very large system, as does the possible fault offset upper portion of the porphyry which may host the typically higher grade phyllic zone. The phyllic zone is only observed in restricted areas of the outcropping system as mapped, suggesting that it has either been eroded, or possibly cut by the low angle Chololo Fault adjacent to the South East (Figure 2).

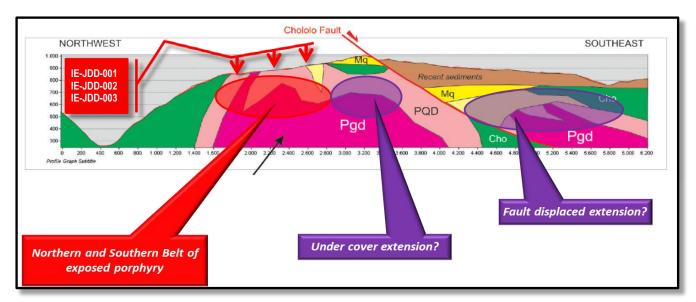


Figure 2– Schematic section showing the exposed porphyry system currently being drill tested, its likely covered extension to the East, and the low angle Chololo Fault that has potentially offset the upper part of the porphyry system, possibly preserving the typically higher grade phyllic alteration zone in the hanging wall of the fault under cover further to the South East.

Such a variety of potential over such a large area will require significant time and investment to realise, and for this reason Latin has begun discussions with a number of parties with the aim of attracting the required investment at the project level through a joint venture or earn in arrangement in order to more rapidly unlock value for Latin shareholders.

**Latin's Managing Director Chris Gale said**: "Our third hole at Ilo Este reinforces the size and continuity of the mineralised porphyry system and also highlights the opportunity for securing a strong joint venture partner to help properly evaluate its full potential in a timely manner. We look forward to bringing such a partner to the project soon and thus enable value to be unlocked more rapidly for Latin shareholders.

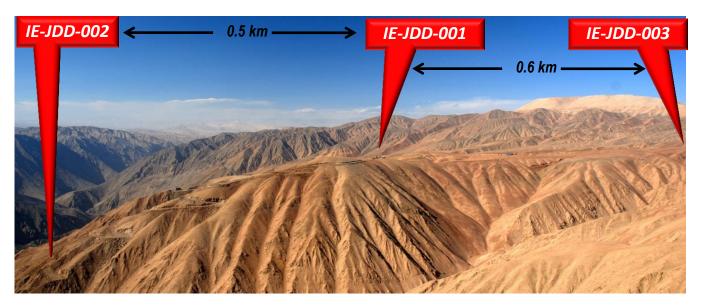
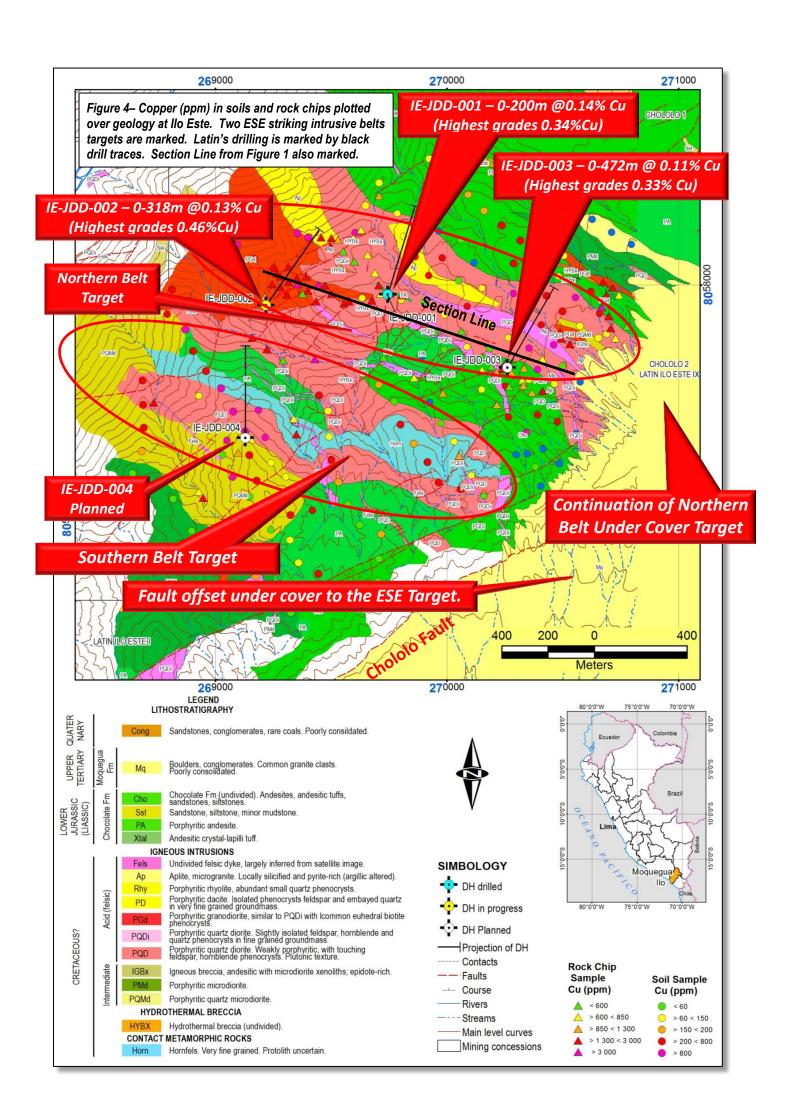


Figure 3– View of the Northern intrusive belt at Ilo Este taken from the Southern intrusive belt. Approximately 1.1 km separates the first three holes within the large porphyry intrusive complex.



#### ILO ESTE's SPECIAL LOCATION

#### Infrastructure

The Ilo Este mineralised system is located at less than 1000 m above sea level, 6 km from the Pan-American Highway, a Railway Line and an Electrical Substation, and from there 32 km to the Port of Ilo. The project area is also located within uninhabited desert lands owned by the Peruvian State.

Such magnificent infrastructure located so close to the project would significantly reduce development capital compared with other large porphyry deposits located higher in the Andes.

#### Southern Peru's Prolific Copper District

The Western flanks of the Andes in Southern Peru host a number of Tier one Porphyry copper deposits including Cerro Verde (4Bt @ 0.39% Cu, 0.01% Mo), Toquepala (3.4Bt @ 0.47% Cu, 0.023% Mo) and Cuajone (2.4Bt @ 0.48% Cu, 0.017% Mo), each of which produced 261,348, 136,135 and 171,545 tonnes of copper respectively in 2013, and together accounted for over 40% of Peru's 2013 copper production.

In addition the Quellaveco (947Mt @ 0.63% Cu, 0.02% Mo), Tia Maria (639Mt @0.39% Cu, 0.19 g/t Au), and Los Calatos (1.4Bt @ 0.47% Cu, 0.023% Mo) projects are under development.

#### 150000 250000 CERRO VERDE There are 125 Billion pounds of contained copper in published 3,977Mt @ 0.39% Cu, 0.01% Mc reserves and resources including the Cuajone, Toquepala and 261.348 tpa Cu 2013 Cerro Verde copper mines, all within 130 km of Ilo Este. LOS CALATOS 1,342Mt @ 0.473% Cu, 0.023% Mo CUAJONE 2,354Mt @ 0.476% Cu, 0.017% Mc Matarani port TIA MARIA 171,545 tpa Cu 2013 **QUELLAVECO** Mollendo port ★ 947 Mt @ 0.63% Cu, 0.02% Mo FI/Mo TOQUEPALA Ilo Norte 3 377 Mt @ 0.473% Cu, 0.023% Mo (under option) 136,135 tpa Cu 2013 Ilo Este Road, Railway and COLOMBIA **Electrical Substation FCUADOR** Smellter Cu Refinery La Colorada llo port **TARGETS** Chapollia BRASII Cerrillos Chapollita osteña Thermoelectric El Alto Ilo Sur Plant Ilo Este Monific Nonte llo Norte La Colorada Morrito Norte SOUTHERN PERU 150000 200000 250000 300000 350000 400000

All these projects are within 130 km of Ilo Este.

Location of IIo Este Project and 10 other target areas within Latin's over 100,000 hectare concession holding in the prolific Southern Peru copper district.

#### For further information please contact:

Chris Gale
Managing Director
Latin Resources Limited
+61 8 9485 0601

David Tasker Professional Public Relations Perth +61 8 9388 0944

#### **About Latin Resources**

Latin Resources Limited is a mineral exploration company focused on creating shareholder wealth through the identification and definition of mineral resources in Latin America, with a specific focus on Peru. The company has a portfolio of projects in Peru and is actively progressing its two main project areas: Guadalupito (Andalusite and Magnetite) and Ilo (Iron Oxide-Copper-Gold and Copper Porphyry). Latin has also recently acquired the mineral rights covering a total of 40,483 hectares in the new Iron Ore district of Rio Grande do Norte State, Brazil.

#### **Competent Persons Statements**

The information in this report that relates to geological and geochemical data and exploration results is based on information compiled by Mr Andrew Bristow, a Competent Person who is a Member of the Australian Institute of Geoscientist and a full time employee of Latin Resources Limited's Peruvian subsidiary. Mr Bristow has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bristow consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to geological and alteration mapping of the Ilo Este Porphyry System is based on a separate report supplied by Dr Warren Pratt (CGeol), a Competent Person who is a Fellow of the Recognised Overseas Professional Organisation "Geological Society of London" and a Director of Geological Mapping Limited, and has no affiliation with Latin Resources Limited other than as a consultant. Dr Pratt has sufficient experience which is relevant to the style of mineralization and the type of deposit under consideration 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 (JORC Code). Dr Pratt consents to the inclusion in this report of the matters based on his report in the form and context in which they appear.

info@latinresources.com.au

www.latinresources.com.au



#### **APPENDIX**

The following information is provided to comply with the JORC Code (2012) requirements for the reporting of the above diamond drilling results at the Ilo Este Project, comprising the Peruvian Mining concessions: Latin Ilo Este I, Latin Ilo Este II, Latin Ilo Este III, Latin Ilo Este IV, Latin Ilo Este VI and Latin Ilo Este IX totalling 6,200 hectares.

## JORC Code, 2012 Edition – Table 1 Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

	IORC Code explanation	Commentary
Sampling techniques	<ul> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<ul> <li>A total of 629.2 m of diamond drill core from hole number IE-JDD-003 are the subject of this announcement. All core has been sampled and assayed.</li> <li>The core has been sampled by Company technicians under supervision from Company geologists using a diamond saw in half down the axis of the core taking care to representatively split any visible mineralisation. Half core samples over two metre intervals were bagged for dispatch to SGS laboratories in Peru.</li> <li>Laboratory analysis consisted of jaw crushing of sample received, splitting and pulverizing of a 200 g sub sample for subsequent analysis for Au by 30 g fire assay, Cu, and 35 other elements by ICP-AES following a four acid digest.</li> <li>The drill hole locations were determined by hand held GPS. Drill core has been inspected and certain lithologies and mineralisation styles noted. Core is being logged in detail including magnetic susceptibility, density measurements and RQD.</li> </ul>
Drilling techniques	<ul> <li>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).</li> </ul>	<ul> <li>The drilling subject of this announcement is standard tube diamond core drilling which in hole IE-JDD-003 was PQ (85mm) from surface to 108.75m down hole and from 108.75m to 629.2m, HQ (63.5mm). The core is not oriented.</li> </ul>
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> </ul>	<ul> <li>Core barrel length and core length measurements were made. No significant core loss was experienced.</li> <li>No significant core loss was experienced.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul> <li>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.</li> </ul>	<ul> <li>Not applicable- Core recovery is consistently greater than 95%, and is predominantly competent resulting in negligible loss/gain of fine/coarse material.</li> </ul>
Logging	<ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>Drill core was inspected and certain lithologies and mineralisation styles noted qualitatively. Core is undergoing detailed geological logging at present which records lithology, alteration, mineralisation and structure. Logging also includes measurements of core density every 10 m down hole. Magnetic Susceptibility measurements are taken down the entire length of core and RQD logging is also undertaken.</li> <li>Logging was qualitative, photographs were taken of all core in boxes.</li> <li>100% of the core referred to in this announcement was photographed and inspected qualitatively.</li> </ul>
Sub- sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/secondhalf sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>629.2m of core from IE-JDD-003 has been sampled by Company technicians under supervision from Company geologists using a diamond saw in half down the axis of the core taking care to representatively split any visible mineralisation. Half core samples over two metre intervals were bagged for dispatch to SGS laboratories in Peru, with the exception of the last interval which was 1.2m.</li> <li>The two metre, half core samples were submitted to SGS Peru and following standard sample preparation techniques are to be crushed to ¼ inch and riffle split to obtain 200 g for pulverizing and subsequent analysis, appropriate for the mineralisation style.</li> <li>Second half analyses were undertaken one in fifty samples.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>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.</li> </ul>	<ul> <li>Analytical techniques and procedures for samples submitted for analysis are appropriate for the style of mineralisation. Au by 30g fire assay is considered total, and Cu +35 other elements by ICP-AES following a 4 acid digest is also considered total for Cu, Mo and Ag considering the minerals present.</li> <li>QA/QC procedures are considered appropriate with blanks and half samples inserted approximately 1 in 50 samples each and standards inserted approximately 1 in 20. Laboratory duplicates are also to be undertaken approximately 1 in 40 samples. All standards and duplicates were within industry standard levels of accuracy and precision.</li> </ul>

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul> <li>No independent verifications of intersections have been made at this time.</li> <li>No twin holes have been undertaken at this time.</li> <li>Sample data recorded in the field was data entered into excel spreadsheets and verified and cross checked electronically against assay reports from the laboratory.</li> <li>Logging data was data entered into excel spreadsheets and subsequently cross checked against hand drawn summary logs.</li> <li>All data is stored electronically in Company server based file system with regular off site back-ups.</li> </ul>
Location of data points	<ul> <li>Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>Drill hole collars were located using hand held GPS.</li> <li>Coordinates reported in this announcement are in UTM WGS84</li> <li>Altitude of drill collars was extrapolated from their GPS location against 1:5000 scale Digital Terrain Model generated from digital photogrammetric restitution of ortho-rectified 1:20,000 scale aerial photography using industry standard techniques including ground control. Topographic control is considered adequate for this initial phase of exploration.</li> </ul>
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> </ul>	<ul> <li>The geological information reported for the first time in this announcement is from one complete drill hole to 629.2m being drilled towards a planned depth of 800m, angled 60 degrees across the strike of an ESE trending intrusive porphyry belt. Initial drilling is exploratory in nature designed to confirm lithology, alteration and mineralisation styles and grade within distinct parts of the porphyry system as mapped.</li> <li>Results from continued and future drilling will determine ultimate spacing required for any Mineral Resource estimation.</li> </ul>
	<ul> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>Sample intervals are 2 metres consistently, irrespective of lithological contacts or other features.</li> </ul>

Criteria	JORC Code explanation	Commentary
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> </ul>	<ul> <li>The drill hole subject of this announcement was planned to intersect across the strike of an ESE trending intrusive porphyry belt, intersecting in a representative way lithology, mineralisation and alteration within the belt that mapped at surface appears to have good continuity along strike.</li> </ul>
	• 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.	<ul> <li>Mineralisation observed visually and confirmed by assays is present in a three dimensional stockwork and disseminated forms. Given the orientation of the hole cuts approximately perpendicular to the apparent strike of the intrusive bodies, no sampling bias is anticipated.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>Sample security is managed directly by the Company and is in line with Industry best practice.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits have been undertaken to date.

### **Section 2 Reporting of Exploration Results**

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>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.</li> <li>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.</li> </ul>	<ul> <li>The Ilo Este project comprises 8 titled Peruvian mining concessions: Latin Ilo Este I, Latin Ilo Este II, Latin Ilo Este III, Latin Ilo Este IV, Latin Ilo Este V, Latin Ilo Este VI, Latin Ilo Este VI, Latin Ilo Este VII and Latin Ilo Este IX totalling 6,200 hectares. These concessions are located as a block on the map in the body of the announcement (Page 6). The Company's 100% owned subsidiary, Peruvian Latin Resources S.A.C. (PLR) holds title inscribed in the Peruvian public mining registry.</li> </ul>
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Prior exploration on the project undertaken by the Company's 100% owned subsidiary has consisted of surface geochemistry, ground geophysics and geological mapping reported in April 2014. Exploration by Rio Tinto Exploration in 2000 consisted of shallow RC drilling, also documented in the announcement of April 2014.</li> </ul>

Criteria	JORC Code explanation	Commentary
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>The Ilo Este project hosts a copper-gold porphyry system. The deposit type, geological setting and style of mineralisation was the subject of the April 2014 announcement and is sufficiently detailed within the body of the text, supported by maps and diagrams.</li> </ul>
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> </ul>	<ul> <li>Detail of the information relating to the two drill holes completed to date and the third hole underway that is the subject of this announcement are: Hole Id: IE-JDD-001 (completed)</li> <li>Easting: 269724 mE, Northing: 8057957mN, Elevation: 876m</li> <li>Azimuth: 17 degrees, Dip:-60 degrees.</li> <li>Depth: 746.20m</li> <li>Survey Method: GPS Handheld.</li> <li>Datum: WGS84 Zone 17S</li> <li>Hole Id: IE-JDD-002 (completed)</li> <li>Easting: 269221 mE, Northing: 8057925mN, Elevation: 742m</li> <li>Azimuth: 35 degrees, Dip:-60 degrees.</li> <li>Depth: 629.20m</li> <li>Survey Method: GPS Handheld.</li> <li>Datum: WGS84 Zone 17S</li> <li>Hole Id: IE-JDD-003 (completed)</li> <li>Easting: 270265 mE, Northing: 8057635mN, Elevation: 897m</li> <li>Azimuth: 30 degrees, Dip:-60 degrees.</li> <li>Depth: 629.2m</li> <li>Survey Method: GPS Handheld.</li> <li>Datum: WGS84 Zone 17S</li> </ul>
	<ul> <li>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.</li> </ul>	Not applicable, the information has been provided above.

Criteria	JORC Code explanation	Commentary
Data aggregation methods	<ul> <li>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.</li> </ul>	<ul> <li>Reported intersections have been determined without cutoff applied and also using 0.1% Cu cut off's as described in the announcent, no high grade cut has been used. Average gold, silver and molybdenum content of the Cu intersections has been included without high or low cut-off grades. Maximum copper, gold, silver and molybdenum assays within a given intersection have also been reported for comparative purposes, although these do not necessarily come from the same sample in the intersection. Intersections reported are down hole and are simple averages of sample intervals of equal length, thus no weighting is necessary.</li> </ul>
	<ul> <li>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.</li> </ul>	<ul> <li>Intersections that include a significantly higher grade portion within the overall intersection have been reported in an appropriate manner to demonstrate such variability.</li> </ul>
	<ul> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>Not applicable – no metal equivalents were mentioned in this announcement.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>	<ul> <li>The mineralisation reported in this announcement was intersected by inclined holes. The mineralized zones are likely to be steeply dipping, but their orientation is as yet unknown. Determination of the true width of mineralisation would be part of the objectives of future drilling to better define the mineralisation encountered</li> </ul>
Diagrams	<ul> <li>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.</li> </ul>	<ul> <li>Appropriate map and section are included in the body of the announcement to show the location of the drill holes subject of the announcement and its relationship to previously announced geophysical and geochemical targets.</li> </ul>
Balanced reporting	<ul> <li>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.</li> </ul>	<ul> <li>The reporting of mineralisation styles observed visually and representation of all grades for all samples received on a long section plot in this announcement together with the most significant intersections tabulated is considered balanced.</li> </ul>

Criteria	JORC Code explanation	Commentary
Other substantive exploration data	<ul> <li>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.</li> </ul>	<ul> <li>This announcement places the drill hole subject of the announcement in context with previously reported geochemical, geophysical and geological results and interpretations.</li> </ul>
Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul> <li>The three drill holes completed and assayed to date are broadly spaced and the mineralisation contained within supports the hypothesis of a very large mineralized system as suggested by earlier surface mapping and sampling. Given the size of the target area and the 13 planned and permitted drill holes reported previously, it is anticipated that further drilling will be undertaken to further test the target mineralisation, although the nature and extent of further exploration will depend on interpretations of results, and subsequent availability of funds to complete the permitted drilling.</li> </ul>