



13 August 2018

**SolGold plc**  
("SolGold" or the "Company")

**SolGold plc**  
("SolGold" or the "Company")

## **Cascabel Exploration Update**

### **Exceptional Recent Drilling Results at Alpala Reveal a Larger, More Cohesive High Grade Core**

The Board of SolGold (LSE and TSX code: SOLG) is pleased to provide an update on recent infill drilling at Alpala Central, at the Company's Cascabel project in Northern Ecuador.

#### **HIGHLIGHTS:**

- **Exceptional assay results from recent infill and extension drilling at Alpala Central reveal a far more robust high-grade core than previously modelled.**
- **Hole 57 (Alpala Central Infill):**
  - 832m @ 1.41% CuEq (0.72% Cu, 1.10g/t Au), incl.**
  - 562m @ 1.72% CuEq (0.85% Cu, 1.37g/t Au), incl.**
  - 304m @ 2.52% CuEq (1.15% Cu, 2.18g/t Au), incl.**
  - 182m @ 3.46% CuEq (1.49% Cu, 3.14g/t Au)**
- **Hole 55R (Alpala Central NW Extension):**
  - 1062m @ 1.02% CuEq (0.69% Cu, 0.52g/t Au), incl.**
  - 548m @ 1.36% CuEq (0.86% Cu, 0.80g/t Au), incl.**
  - 220m @ 2.07% CuEq (1.22%Cu, 1.34g/tAu)**
- **Hole 41-D1-D2 (Alpala Central Infill): Partial assay results to 1458m.**
  - 512m @ 1.09% CuEq (0.59% Cu, 0.80g/t Au), open at depth, incl.**
  - 326m @ 1.51% CuEq (0.77% Cu, 1.18g/t Au), open at depth, incl.**
  - 128m @ 2.51% CuEq (1.11% Cu, 2.23g/t Au), open at depth.**

Commenting on today's release, Mr Eduardo Valenzuela, the Company's Study Manager, said: ***"From a potential mining perspective, the updated proposed MRE, could provide not only a stronger resource base but also a larger and more cohesive high-grade core which could be mined at a higher production rate in the early years thus enhancing the project NPV and IRR."***



## FURTHER INFORMATION

The Cascabel Project is located on the northern section of the prolific Andean Copper belt, renowned as the base for nearly half of the world's copper production. The project area hosts mineralisation of Eocene age, the same age as numerous Tier 1 deposits along the Andean Copper Belt in Chile and Peru to the south. The project base is located at Rocafuerte in northern Ecuador, approximately three-hour drive north of Quito, close to water, power supply and Pacific ports (**Figure 1**). Having fulfilled its earn in requirements, SolGold is a registered shareholder with an unencumbered legal and beneficial 85% interest in ENSA (Exploraciones Novomining S.A.) which holds 100% of the Cascabel tenement covering approximately 50km<sup>2</sup>.

A maiden Mineral Resource Estimate (MRE) for the Alpala deposit, estimated from the initial 53,616m of drilling and released in December 2017, comprised:

- 430 Mt @ 0.8% CuEq (at 0.3% CuEq cut off) in the Indicated category, and 650 Mt @ 0.6% CuEq (at 0.3% CuEq cut off) in the Inferred category;
- contained metal content of 2.3 Mt Cu in the Indicated category and 2.9 Mt Cu in the Inferred category; and
- contained metal content of 6.0Moz Au in the Indicated category, and 6.3Moz Au in the Inferred category.

A further 80,538m of drilling has been completed since development of the maiden MRE (**Figure 2**), and major resource growth is expected in a revised MRE. SolGold is now aiming to expand and upgrade the resource, with infill and extension drilling at Alpala Central expected to expand and enrich the high-grade core as well as adding major growth to the overall resource.

Exceptional assay results from recent infill and extension drilling at Alpala Central is revealing a more robust high-grade core than estimated in the December 2017 MRE. This recent drilling shows that early stage diorite and quartz diorite intrusions, rich in copper and gold, are far more continuous than previously modelled.

Drill hole assays have been received for 111,010m of a total 134,155m on the project. Approximately 11,300m of drilling has assays pending, with 11800m accounted for as non-assayed top holes.

Highlights of assay results expected to add to the existing MRE at Alpala are tabulated in **Figure 3**.

### Market Abuse Regulation (MAR) Disclosure

Certain information contained in this announcement would have been deemed inside information for the purposes of Article 7 of the Regulation (EU) No 596/2014 until the release of this announcement.

#### Qualified Person:

Information in this report relating to the exploration results is based on data reviewed by Mr Jason Ward ((CP) B.Sc. Geol.), Exploration Manager Global of the Company. Mr Ward is a Member of the Australasian Institute of Mining and Metallurgy, holds the designation MAusIMM (CP), and has in excess of 20 years' experience in mineral exploration and is a Qualified Person for the purposes of the relevant LSE and TSX Rules. Mr Ward consents to the inclusion of the information in the form and context in which it appears.

By order of the Board  
Karl Schlobohm  
Company Secretary



## CONTACTS

**Mr Nicholas Mather**

SolGold Plc (Chief Executive Officer)  
[nmather@solgold.com.au](mailto:nmather@solgold.com.au)

**Tel: +61 (0) 7 3303 0665**  
**+61 (0) 417 880 448**

**Mr Karl Schlobohm**

SolGold Plc (Company Secretary)  
[kschlobohm@solgold.com.au](mailto:kschlobohm@solgold.com.au)

**Tel: +61 (0) 7 3303 0661**

**Ms Anna Legge**

SolGold Plc (UK Market IR / PR)  
[allegge@solgold.com.au](mailto:allegge@solgold.com.au)

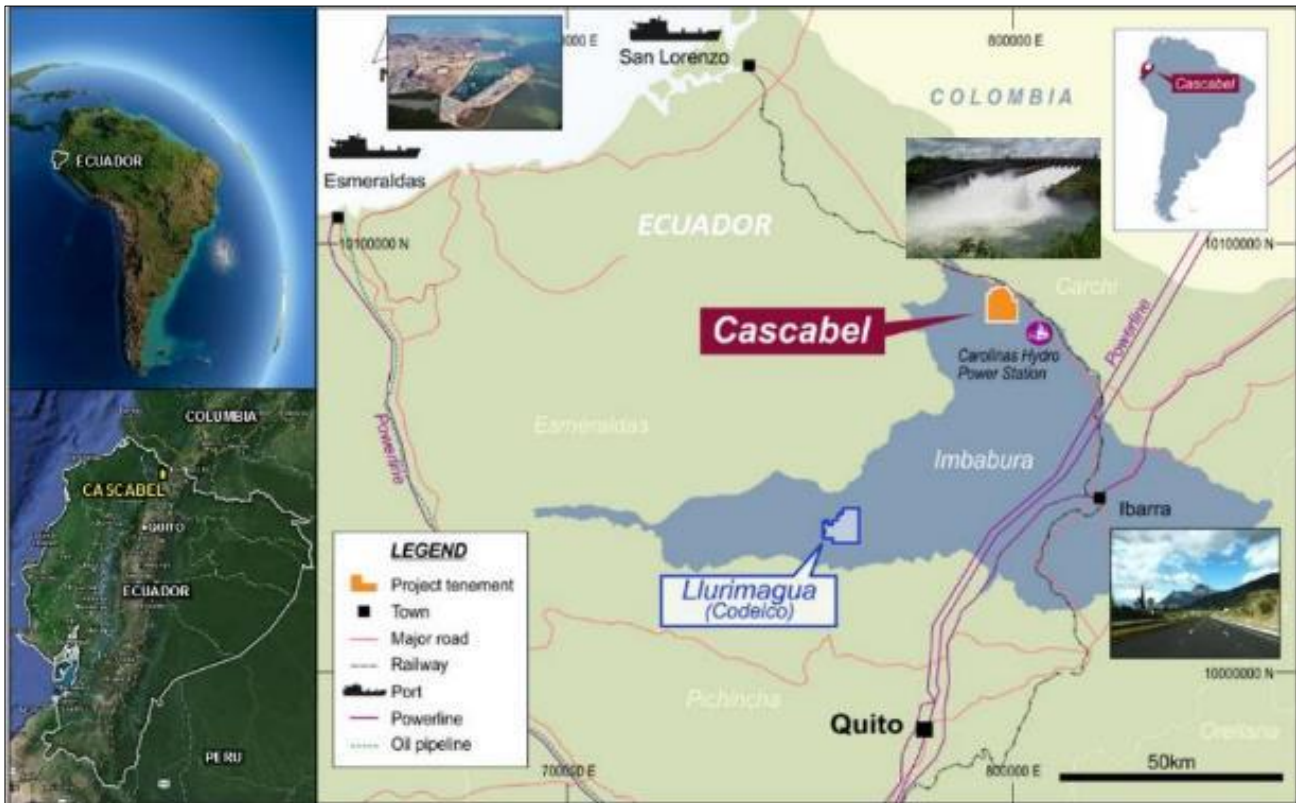
**Tel: +44 (0) 20 3823 2131**

**Mr Ewan Leggat / Mr Richard Morrison**

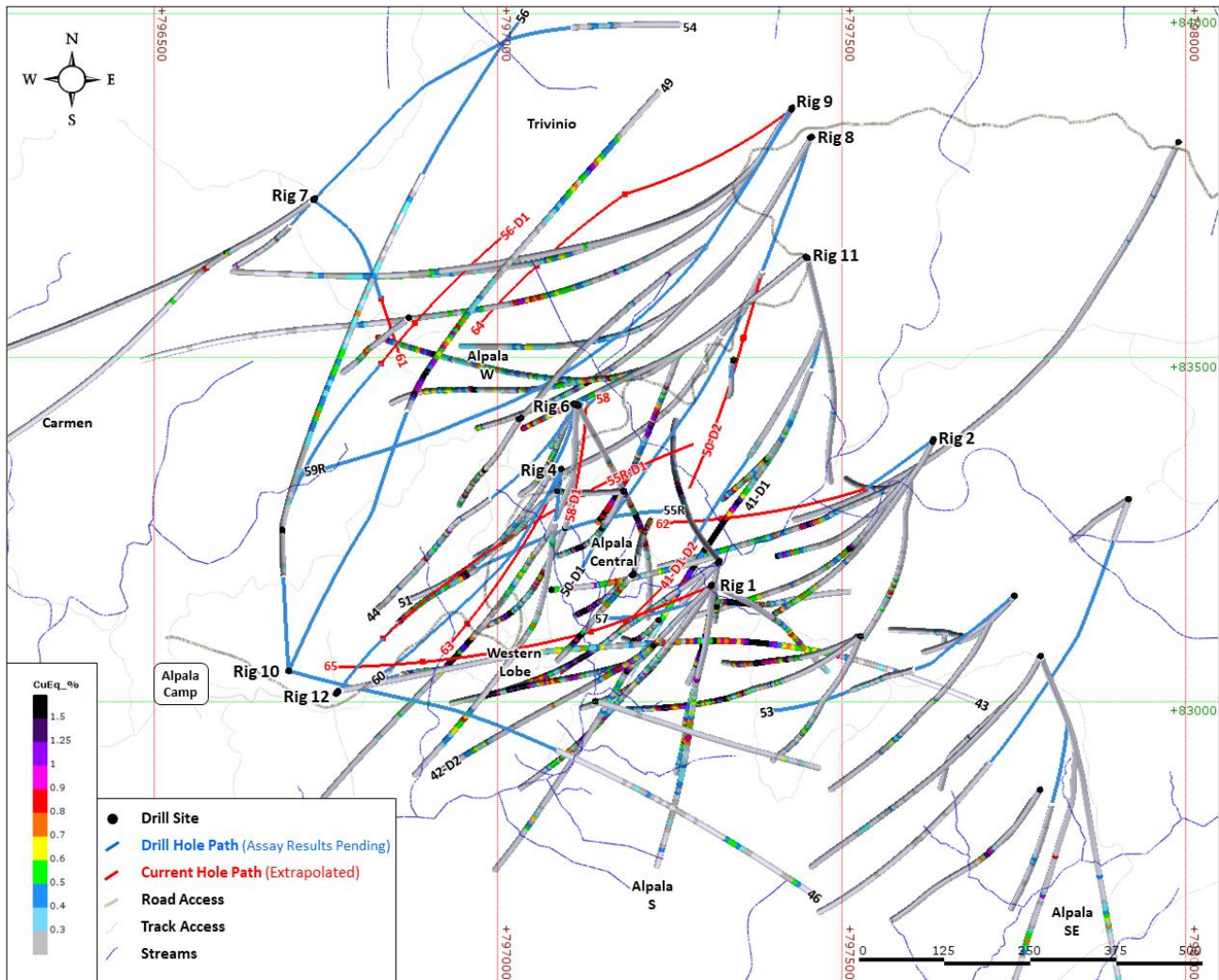
SP Angel Corporate Finance LLP (Broker)  
[ewan.leggat@spangel.co.uk](mailto:ewan.leggat@spangel.co.uk)

**Tel: +44 (0) 20 3470 0470**

Follow us on twitter [@SolGold\\_plc](https://twitter.com/SolGold_plc)



**Figure 1:** Location of Cascabel project in northern Ecuador, highlighting the significant capital advantages held by the project, with proximity to ports, road infrastructure, hydro-electric power stations and the trans-continental power grid.



**Figure 2:** Drill Hole Plan along the greater Alpa area, showing copper equivalent assay results, extrapolated current drill hole paths in red, and intervals awaiting assay results indicated in blue.

Hole ID	DepthFrom m	DepthTo m	Interval m	Cu %	Au g/t	CuEq %	Cut-off (CuEq%)	m% (CuEq)	Comments
CSD-17-030	658	1158	500	0.55	0.25	0.71	0.50	355.0	
	904	1048	144	0.72	0.33	0.93	0.70	133.9	
CSD-17-033	736	1560	824	0.54	0.42	0.80	0.10	659.2	
	850	1426	576	0.61	0.51	0.93	0.40	535.7	
	1218	1388	170	0.81	1.07	1.48	0.70	251.6	
CSD-17-033-D1	732	1336	604	0.51	0.34	0.73	na	440.9	
	1040	1186	146	1.09	0.99	1.71	0.30	249.7	
CSD-17-036	1398	2004.7	606.7	0.45	0.25	0.61	0.20	370.1	open at depth
	1490	1844	354	0.59	0.34	0.81	0.30	286.7	
CSD-17-037	1380	2222	842	0.35	0.15	0.44	0.20	370.5	
	1644	1842	198	0.55	0.30	0.74	0.40	146.5	
CSD-18-041-0D1	998	1754	756	0.53	0.47	0.82	0.30	619.9	
	1282	1668	386	0.70	0.79	1.19	0.50	459.3	
	1346	1598	252	0.86	1.07	1.53	1.00	385.6	
CSD-18-041-D1-D1	1017.9	1449	431.1	0.41	0.24	0.56	0.30	241.4	
	1202	1449	247	0.45	0.33	0.65	na	160.6	open at depth
CSD-18-041-D1-D2	926	1438	512	0.59	0.80	1.09	0.20	558.1	open at depth, results below 1438m pending
	1048	1438	390	0.70	1.01	1.33	0.30	518.7	open at depth, results below 1438m pending
	1112	1438	326	0.77	1.18	1.51	0.40	492.3	open at depth, results below 1438m pending
	1310	1438	128	1.11	2.23	2.51	1.00	321.3	open at depth, results below 1438m pending
CSD-18-042	448	1176	728	0.75	0.50	1.06	0.30	771.7	
	620	1124	504	0.92	0.58	1.28	0.40	645.1	
	718	1106	388	1.01	0.68	1.44	0.50	558.7	
	840	1094	254	1.23	0.81	1.78	0.70	452.1	
CSD-18-042-D2	312	1110	798	0.32	0.24	0.47	0.10	375.1	bulk, halo.
	312	614	302	0.45	0.50	0.76	0.20	229.5	
	312	538	226	0.62	0.54	0.96	na	217.0	
CSD-18-043	636	1534	898	0.51	0.40	0.76	0.30	682.5	
	932	1410	478	0.64	0.61	1.02	0.50	487.6	
	1090	1408	318	0.70	0.73	1.16	0.70	368.9	
	1108	1268	160	0.90	1.06	1.56	1.00	249.6	
CSD-18-048	530	747.8	217.8	0.50	0.23	0.65	0.30	141.6	open at depth
	524	620	96	0.62	0.39	0.86	0.50	82.6	
CSD-18-049	850	1700	850	0.49	0.28	0.66	0.10	561.0	
	872	1316	444	0.60	0.38	0.83	0.30	368.5	
	882	1150	268	0.77	0.56	1.12	0.60	300.2	
	890	1010	120	1.01	0.88	1.57	1.00	188.4	
CSD-18-051	714	1408	694	0.43	0.28	0.61	0.20	423.3	
	826	1302	476	0.53	0.36	0.75	0.30	357.0	
	1084	1278	194	0.81	0.74	1.28	0.40	248.3	
	1226	1278	52	1.94	2.48	3.51	0.50	182.5	
CSD-18-055R	542	1790	1248	0.61	0.45	0.90	0.10	1123.2	
	542	1604	1062	0.69	0.52	1.02	0.20	1083.2	
	1042	1590	548	0.86	0.80	1.36	0.30	745.3	
	1306	1526	220	1.22	1.34	2.07	0.60	455.4	
CSD-18-056	520	1124	604	0.36	0.13	0.45	na	271.8	
	646	844	198	0.47	0.17	0.58	0.50	114.8	
CSD-18-057	556	1388	832	0.72	1.10	1.41	0.30	1173.1	
	814	1376	562	0.85	1.37	1.72	0.40	966.6	
	892	1196	304	1.15	2.18	2.52	1.00	766.1	
	1004	1186	182	1.49	3.14	3.46	1.50	629.7	
CSD-18-058	722	1644	922	0.47	0.26	0.63	0.30	580.9	
	1040	1288	248	0.72	0.51	1.04	0.70	257.9	
	1140	1264	124	0.86	0.59	1.23	1.00	152.5	
	1008	1354	346	0.36	0.12	0.44	0.30	152.2	
	1270	1346	76	0.53	0.28	0.71	0.50	54.0	
CSD-18-060	796	1122	326	0.84	0.37	1.08	0.10	352.1	
	802	996	194	1.28	0.54	1.61	0.30	312.3	
	814	976	162	1.45	0.61	1.84	0.50	298.1	
	886	976	90	1.97	0.89	2.53	1.00	227.7	

**Data Aggregation Method:** Intercepts reported using copper equivalent cutoff grades with up to 10m internal dilution, excluding bridging to a single sample. Minimum intersection length 50m. Gold Conversion Factor of 0.63 calculated from a copper price of US\$3.00/lb and a gold price US\$1300/oz. True widths of downhole interval lengths are estimated to be approximately 25% to 50%.

Figure 3: Highlights of recent assay results at Alpala.



## ABOUT SOLGOLD

SolGold is a leading exploration company focussed on the discovery and definition of world-class copper and gold deposits. In 2017 SolGold's management team was recognised as an example of excellence in the industry, and continue to strive to deliver objectives efficiently and in the interests of shareholders. SolGold is the largest and most active concession holder in Ecuador and is aggressively exploring the length and breadth of this highly prospective section of the Andean Copper Belt.

### ***Ecuador dedicated to become a serious mining nation***

Ecuador has, over the last 5 years, been recognised globally as a frontrunner in emerging mining nations as it develops regulatory and fiscal frameworks to facilitate the development of a fiscally, socially and environmentally strong and responsible mining industry.

### ***Dedicated stakeholders***

SolGold employs a staff of over 400 and at least 90% are Ecuadorean. This is expected to grow as the operations at Alpala, and in Ecuador generally, expand. SolGold focusses its operations to be safe, reliable and environmentally responsible and maintains close relationships with its local communities. SolGold has engaged an increasingly skilled refined and experienced team of geoscientists using state of the art geophysical and geochemical modelling applied to an extensive data base to enable the delivery of ore grade intersections from nearly every drill hole at Alpala.

### **About Cascabel and Alpala**

The Alpala deposit is the main target in the Cascabel concession, located on the northern section of the heavily endowed Andean Copper Belt, the entirety of which is renowned as the base for nearly half of the world's copper production. The project area hosts mineralisation of Eocene age, the same age as numerous Tier 1 deposits along the Andean Copper Belt in Chile and Peru to the south. The project base is located at Rocafuerte in northern Ecuador, an approximately three hour drive north of Quito, close to water, power supply and Pacific ports (Figure 1).

Alpala has produced some of the greatest drill hole intercepts in porphyry copper-gold exploration history, as indicated by Hole 12 (CSD-16-012) returning 1560m grading 0.59% copper and 0.54 g/t gold including, 1044m grading 0.74% copper and 0.54 g/t gold.

Having fulfilled its earn in requirements, SolGold is a registered shareholder with an unencumbered legal and beneficial 85% interest in ENSA (Exploraciones Novomining S.A.) which holds 100% of the Cascabel concession covering approximately 50km<sup>2</sup>. The junior equity owner in ENSA is required to repay 15% of costs since SolGold's earn in was completed, from 90% of its share of distribution of earnings or dividends from ENSA or the Cascabel concession. It is also required to contribute to development or be diluted and if its interest falls below 10%, it shall reduce to a 0.5% NSR royalty which SolGold may acquire for US\$3.5m.

Approximately 123,500m of diamond drilling has been completed on the project. With 12 rigs currently active on the project (10 rigs drilling on the Alpala cluster, and 2 rigs drilling at the Aguinaga prospect, SolGold produces some 10,000m of core every month. The Cascabel drill program currently focusses on extending and upgrading the status of the Alpala Resource, as well as further drill testing of the rapidly evolving Aguinaga prospect. Drill testing of the Trivinio target has commenced, whilst the numerous other untested targets, namely at Moran, Cristal, Tandayama-America and Chinambicito, are flagged for drill testing as overall program demands allow.



Since the publication of the Alcala Maiden Mineral Resource Estimate in January 2018, which outlined a contained metal inventory of 5.2 million tonnes of copper and 12.6 million ounces of gold, the company has nearly doubled both drilled and reported meterage and will produce a revised resource statement addressing the evident growth in the size of the deposit at the conclusion of the current Alcala drill programme. Investors should consult the technical report dated December 18, 2017 for a detailed account of the assumptions on which the estimates were based as well as any known legal, political, environmental and other risks that could materially affect the development of the resources.

#### ***Getting Alcala advanced towards development***

SolGold has appointed feasibility management to initially address the production of a preliminary economic assessment (PEA), prior to the prefeasibility and feasibility studies.

The resource at the Alcala deposit boasts a high grade core which, in the event of the construction of a mine, is targeted to facilitate early cashflows and an accelerated payback of initial capital. SolGold is currently investigating development and financing options available to the company for the development of Cascabel on reaching feasibility.

#### **SolGold's regional push**

SolGold is using its successful and cost efficient blueprint established at Alcala, and Cascabel generally, to explore for additional world class projects across Ecuador. SolGold is the largest and most active concessionaire in Ecuador having recognised as early as 2014 that the country hosted the same untested prospectivity as the Northern Chilean section of the Andean Copper Belt, which accounts for some 25% of the world's copper resources.

The Company believes Alcala is just the beginning for SolGold in Ecuador. The Company wholly owns four other subsidiaries active throughout the country that are now focussed on ten high priority gold and copper resource targets, several of which the Company believes have the potential, subject to resource definition and feasibility, to be developed in close succession or even on a more accelerated basis from Alcala.

SolGold is listed on the London Stock Exchange and Toronto Stock Exchange (LSE/TSX: SOLG). The Company has on issue a total of 1,696,245,686 fully-paid ordinary shares, 31,795,884 share options exercisable at 28p; 9,795,884 share options exercisable at 14p and 46,762,000 share options exercisable at 60p.

See [www.solgold.com.au](http://www.solgold.com.au) for more information. Follow us on twitter [@SolGold\\_plc](https://twitter.com/SolGold_plc)

#### **CAUTIONARY NOTICE**

News releases, presentations and public commentary made by SolGold plc (the "Company") and its Officers may contain certain statements and expressions of belief, expectation or opinion which are forward looking statements, and which relate, inter alia, to interpretations of exploration results to date and the Company's proposed strategy, plans and objectives or to the expectations or intentions of the Company's Directors. Such forward-looking and interpretative statements involve known and unknown risks, uncertainties and other important factors beyond the control of the Company that could cause the actual performance or achievements of the Company to be materially different from such interpretations and forward-looking statements.





Accordingly, the reader should not rely on any interpretations or forward-looking statements; and save as required by the exchange rules of the TSX and LSE or by applicable laws, the Company does not accept any obligation to disseminate any updates or revisions to such interpretations or forward-looking statements. The Company may reinterpret results to date as the status of its assets and projects changes with time expenditure, metals prices and other affecting circumstances.

This release may contain "forward-looking information" within the meaning of applicable Canadian securities legislation. Forward-looking information includes, but is not limited to, statements regarding the Company's plans for developing its properties. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved".

Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: transaction risks; general business, economic, competitive, political and social uncertainties; future prices of mineral prices; accidents, labour disputes and shortages and other risks of the mining industry. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking information. The Company does not undertake to update any forward-looking information, except in accordance with applicable securities laws.

The Company and its officers do not endorse, or reject or otherwise comment on the conclusions, interpretations or views expressed in press articles or third-party analysis, and where possible aims to circulate all available material on its website.

The Company recognises that the term "World Class" is subjective and for the purpose of the Company's projects the Company considers the drilling results at the growing Alpala Porphyry Copper Gold Deposit at its Cascabel Project to represent intersections of a "World Class" deposit. The Company considers that "World Class" deposits are rare, very large, long life, low cost, and are responsible for approximately half of total global metals production.

"World Class" deposits are generally accepted as deposits of a size and quality that create multiple expansion opportunities, and have or are likely to demonstrate robust economics that ensure development irrespective of position within the global commodity cycles, or whether or not the deposit has been fully drilled out, or a feasibility study completed.

Standards drawn from industry experts (1) Singer and Menzie, 2010; (2) Schodde, 2006; (3) Schodde and Hronsky, 2006; (4) Singer, 1995; (5) Laznicka, 2010) have characterised "World Class" deposits at prevailing commodity prices. The relevant criteria for "World Class" deposits, adjusted to current long run commodity prices, are considered to be those holding or likely to hold more than 5 million tonnes of copper and/or more than 6 million ounces of gold with a modelled net present value of greater than USD 1 Billion.



The Company and its external consultants prepared an initial mineral resource estimate at the Cascabel Project in December 2017. Results are summarised in **Table B** attached.

The Mineral Resource Estimate was completed from 53,616m of drilling, approximately 84% of 63,500m metres drilled as of mid-December 2017, the cut-off date for the maiden resource calculation. There remains strong potential for further growth from more recent drilling results, and continue rapid growth of the deposit.

Any development or mining potential for the project remains speculative.

Drill hole intercepts have been updated to reflect current commodity prices, using a data aggregation method, defined by copper equivalent cut-off grades and reported with up to 10m internal dilution, excluding bridging to a single sample. Copper equivalent grades are calculated using a gold conversion factor of 0.63, determined using an updated copper price of USD3.00/pound and an updated gold price of USD1300/ounce. True widths of down hole intersections are estimated to be approximately 25-50%.

On the basis of the drilling results to date and the results of the Alpala Maiden Mineral Resource Estimate, the reference to the Cascabel Project as "World Class" (or "Tier 1") is considered to be appropriate. Examples of global copper and gold discoveries since 2006 that are generally considered to be "World Class" are summarised in **Table A**.

#### References cited in the text:

1. Singer, D.A. and Menzie, W.D., 2010. *Quantitative Mineral Resource Assessments: An Integrated Approach*. Oxford University Press Inc.
2. Schodde, R., 2006. *What do we mean by a world class deposit? And why are they special*. Presentation. AMEC Conference, Perth.
3. Schodde, R and Hronsky, J.M.A, 2006. *The Role of World-Class Mines in Wealth Creation*. Special Publications of the Society of Economic Geologists Volume 12.
4. Singer, D.A., 1995, *World-class base and precious metal deposits—a quantitative analysis*: *Economic Geology*, v. 90, no.1, p. 88–104.
5. Laznicka, P., 2010. *Giant Metallic Deposits: Future Sources of Industrial Metal, Second Edition*. Springer-Verlag Heidelberg.

Deposit Name	Discovery Year	Major Metals	Country	Current Status	Mining Style	Inventory
LA COLOSA	2006	Au,Cu	Colombia	Feasibility - New project	Open Pit	<sup>1</sup> 469Mt @ 0.95g/t Au; 14.3MOz Au
LOS SULFATOS	2007	Cu,Mo	Chile	Advanced Exploration	Underground	<sup>2</sup> 1.2Bt @ 1.46% Cu and 0.02% Mo; 17.5Mt Cu
BRUCEJACK	2008	Au	Canada	Development/Construction	Open Pit	<sup>3</sup> 15.6Mt @ 16.1 g/t Au; 8.1Moz Au
KAMOA-KAKULA	2008	Cu,Co,Zn	Congo (DRC)	Feasibility - New project	Open Pit & U/ground	<sup>4</sup> 1.34Bt @ 2.72% Cu; 36.5 Mt Cu
GOLPU	2009	Cu,Au	PNG	Feasibility - New project	Underground	<sup>5</sup> 820Mt @ 1.0% Cu, 0.70g/t Au; 8.2Mt Cu, 18.5Moz Au
COTE	2010	Au,Cu	Canada	Feasibility Study	Open Pit	<sup>6</sup> 289Mt @ 0.90 g/t Au; 8.4MOz Au
HAIYU	2011	Au	China	Development/Construction	Underground	<sup>7</sup> 15Moz Au
RED HILL-GOLD RUSH	2011	Au	United States	Feasibility Study	Open Pit & U/ground	<sup>8</sup> 47.6Mt @ 4.56g/t Au; 7.0MOz Au
XILING	2016	Au	China	Advanced Exploration	Underground	<sup>9</sup> 383Mt @ 4.52g/t Au; 55.7MOz Au

Source: after MinEx Consulting, May 2017

<sup>1</sup> Source: <http://www.mining-technology.com/projects/la-colosa>

<sup>2</sup> Source: <http://www.angloamerican.com/media/press-releases/2009>

<sup>3</sup> Source: <http://www.pretivm.com/projects/brucejack/overview/>

<sup>4</sup> Source: <https://www.ivanhoemines.com/projects/kamoa-kakula-project/>

<sup>5</sup> Source: [http://www.newcrest.com.au/media/resource\\_reserves/2016/December\\_2016\\_Resources\\_and\\_Reserves\\_Statement.pdf](http://www.newcrest.com.au/media/resource_reserves/2016/December_2016_Resources_and_Reserves_Statement.pdf)

<sup>6</sup> Source: <http://www.canadianminingjournal.com/news/gold-iamgold-files-cote-project-pea/>

<sup>7</sup> Source: <http://www.zhaojin.com.cn/upload/2015-05-31/580601981.pdf>

<sup>8</sup> Source: [https://mrdata.usgs.gov/sedau/show-sedau.php?rec\\_id=103](https://mrdata.usgs.gov/sedau/show-sedau.php?rec_id=103)

<sup>9</sup> Source: [http://www.chinadaily.com.cn/business/2017-03/29/content\\_28719822.htm](http://www.chinadaily.com.cn/business/2017-03/29/content_28719822.htm)

**Table A:** Tier 1 global copper and gold discoveries since 2006. This table does not purport to be exhaustive exclusive or definitive.

	Resource Category	Tonnage (Mt)	Grade			Contained Metal		
			Cu (%)	Au (g/t)	CuEq (%)	Cu (Mt)	Au (Moz)	CuEq (Mt)
>1.1% CuEq	Indicated	70	1.1	1.3	1.8	0.7	2.8	1.2
	Inferred	50	1.1	1.3	1.8	0.5	1.9	0.8
0.9 - 1.1% CuEq	Indicated	50	0.7	0.5	1.0	0.3	0.9	0.5
	Inferred	50	0.7	0.5	1.0	0.4	0.9	0.5
0.3 - 0.9% CuEq	Indicated	310	0.4	0.2	0.5	1.2	2.3	1.6
	Inferred	550	0.4	0.2	0.5	2.0	3.5	2.6
<b>Total &gt;0.3% CuEq</b>	<b>Indicated</b>	<b>430</b>	<b>0.5</b>	<b>0.4</b>	<b>0.8</b>	<b>2.3</b>	<b>6.0</b>	<b>3.4</b>
	<b>Inferred</b>	<b>650</b>	<b>0.4</b>	<b>0.3</b>	<b>0.6</b>	<b>2.9</b>	<b>6.3</b>	<b>4.0</b>

**Table B:** Alpala Mineral Resource statement as of 18 December 2017

**Notes:**

- Mr. Martin Pittuck, MSc, CEng, MIMMM, is responsible for this Mineral Resource estimate and is an "independent qualified person" as such term is defined in NI 43-101.
- The Mineral Resource is reported using a cut-off grade of 0.3% copper equivalent calculated using [copper grade (%)] + [gold grade (g/t) x 0.6] based on a copper price of US\$2.8/lb and gold price of US\$1,160/oz.
- The Mineral Resource is considered to have reasonable potential for eventual economic extraction by underground mass mining such as block caving.
- Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability.
- The statement uses the terminology, definitions and guidelines given in the CIM Standards on Mineral Resources and Mineral Reserves (May 2014).
- The MRE is reported on 100 percent basis.
- Values given in the table have been rounded, apparent calculation errors resulting from this are not considered to be material.
- The effective date for the Mineral Resource statement is 18th December 2017.