

# MAWSON

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NEWS RELEASE

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## MAWSON GEOPHYSICAL SURVEY DOUBLES PROSPECTIVE MINERALIZED ZONE AT SOUTH PALOKAS GOLD-COBALT PROSPECT IN FINLAND

Vancouver, Canada – **Mawson Resources Limited** (“Mawson”) or (the “Company”) (TSX:MAW) (Frankfurt:MXR) (PINKSHEETS: MWSNF) announces promising electromagnetic survey results from the South Palokas prospect and updates winter 2019 drill plans at the Company’s 100% owned gold-cobalt Rajapalot project in northern Finland.

The Company announced a maiden gold-cobalt resource for the Rajapalot project on [December 17 2018](#), which was comprised of the Raja and Palokas prospects. South Palokas is one of two bodies that made up the Palokas resource estimate and at the time measured 180 metres of strike, depth of 220 metres and widths of up to 20 metres.

### Key Points:

- A recently completed electromagnetic geophysical survey has outlined a strongly conductive body immediately down plunge from the South Palokas gold-cobalt resource. At the upper margin, this conductive zone encompasses **PAL0016**, the deepest drill hole at South Palokas, which intersected **8.4 m @ 5.7 g/t AuEq** (“gold equivalent”), 4.9 g/t gold, 471 ppm cobalt from 206 metres;
- Modelled conductive plates extend 250 metres down dip beyond the South Palokas resource. The conductive body doubles the South Palokas mineralization footprint (Figures 1 & 2) and remains open down dip to the northwest;
- Geophysical field crews continue to collect fixed-loop transient electromagnetic (“TEM”) data at Palokas, and over a broader area at Rajapalot with the aim of mapping the source of additional strong airborne VTEM $\rho$  anomalies (Figure 2) along the 4 kilometre trend that includes the Raja, Rumajärvi, Hut and Palokas prospects;
- The South Palokas and Raja conductive bodies, along with other extensions to gold-cobalt resources, will be tested by a drill program scheduled to commence in late January 2019 (subject to final permitting). A 15,000 metre, five drill rig program is proposed, with contracts in place with three drilling companies. Approximately 70 people will be employed to execute the program once work commences.

Mr. Hudson, Chairman and CEO, states, *“Electromagnetic geophysical surveys have defined an undrilled conductive body, extending more than 200 metres down-plunge from high grade gold intersections at South Palokas. Similar success was achieved with [TEM at Raja](#), where a conductive body was discovered for 550 metres below the resource. Geophysical surveying is ongoing at Rajapalot, in preparation for an exciting 15,000 metre winter drill campaign focused on resource expansion, scheduled to start in January 2019 (subject to final permits).*

*For the past decade, Mawson has been a safe and sustainable investor and mineral explorer in the Ylitornio region. With the recent publication of a gold-cobalt resource at Rajapalot, the Company has never been better positioned to define a project that can contribute positively to the economic well-being of the communities of Lapland, while providing the opportunity for a conflict-free cobalt supply for the Finnish State and European Union. We thank all our stakeholders for their support over the past year and look forward to an exciting 2019.”*

A recently completed TEM geophysical survey has confirmed and further defined earlier helicopter-borne VTEM $\rho$  electromagnetic surveys and outlined a strongly conductive body immediately down plunge from the South Palokas gold-cobalt resource. At the upper margin, this conductive zone encompasses **PAL0016**, the deepest drill hole at South Palokas, which intersected **8.4 m @ 5.7 g/t AuEq** (“gold equivalent”), 4.9 g/t gold, 471 ppm cobalt from 206 metres. Electromagnetic techniques were first used in 2013 by Mawson at Rajapalot with a helicopter-borne VTEM $\rho$  survey indicating the conductive nature of areas subsequently discovered to be the Palokas, South Palokas, The Hut, Terry’s Hammer, Rumajärvi and Raja gold-cobalt prospects. The broad scale of the line spacing (100 metres) and the low current induced in the ground from the VTEM $\rho$  survey required follow-up with ground TEM surveys to accurately locate conductors to the accuracy of a drillable target with electromagnetic loops positioned to gain maximum response from inferred locations of mineralization. TEM surveys have already more than doubled the 450 metre long Raja prospect to greater than 1 kilometre down plunge. The Raja conductive body corresponds with known mineralization and then continues to at least 1 kilometre down plunge (600 metre vertical depth)

with increasing conductivity and remains open. It appears the northern extensions of Raja may coalesce with the Hut prospect VTEM conductor at depth.

Subject to final drill permit approvals a five rig, 15,000 metre drill program will commence in late January 2019 at the Raja and South Palokas prospects to target the electromagnetic down-plunge extensions of the resource mineralization. Modelling of fixed loop electromagnetic surveys (TEM) have been instrumental in the planning for the winter drill program.

#### Technical Background

The electromagnetic surveys were conducted by two and three person teams from GeoVista AB (based in Luleå, Sweden). Line orientations for this program were matched with prior survey parameters. Post-collection processing and inversions of the data are completed by Dr Hans Thunehed of GeoVista AB.

The gold equivalent (Au Eq) value was calculated using the following formula:  $Au\ Eq\ g/t = Au\ g/t + (Co\_ppm/608)$  with assumed prices of Co \$30/lb; and Au \$1,250/oz.

The qualified person for Mawson's Finnish projects, Dr. Nick Cook, President for Mawson and Fellow of the Australasian Institute of Mining Metallurgy has reviewed and verified the contents of this release.

#### About Mawson Resources Limited (TSX:MAW, FRANKFURT:MXR, PINKSHEETS:MWSNF)

[Mawson Resources Limited](#) is an exploration and development company with a focus on the resource expansion of its high-grade Rajapalot gold-cobalt in Finland. Mawson has distinguished itself as a leading Nordic Arctic exploration company.

Rajapalot is a significant and strategic gold-cobalt resource for Finland with the recently published maiden resource already positioned as one of Finland's current top three gold resources by grade and contained ounces and one of a small group of cobalt resources prepared in accordance with NI 43-101 policy within Europe. A pit and underground Constrained Inferred Mineral Resource of 424,000 ounces of gold at 3.1 g/t AuEq (4.3 million tonnes at 2.3 g/t Au, 430 ppm Co) at 0.37 g/t AuEq cut-off open pit and 2 g/t AuEq underground was calculated, within a combined Unconstrained Inferred Mineral Inventory for the Palokas and Raja prospects of 482,000 ounces gold equivalent ("AuEq") at a grade of 2.4 g/t AuEq (6.2 million tonnes at 1.7 g/t Au, 410 ppm Co) at 0.4 g/t AuEq cut-off. The constrained resource demonstrates the high-grade of Rajapalot with open-pittable grades of 2.8 g/t AuEq (2.1 g/t Au and 420 ppm Co) and underground grades of 5.2 g/t AuEq. The calculation represents the first resource estimate for the Rajapalot Gold-Cobalt Project and has substantial potential to grow, with only 20% (800 metres) of the 4 kilometres known mineralized trend included within the maiden resource to relatively shallow depths (average depth of drilling 88 metres within 34.2 kilometres drilled to date at Rajapalot)

#### NI 43-101 Technical Report:

On December 19, 2018, Mawson filed an independent National Instrument 43-101 Technical Report (the "NI 43-101 Technical Report") on the Mineral Resource Estimate for the Raja and Palokas Prospects, at the 100% owned Rajapalot Project in Finland, (the "**NI 43-101 Technical Report**"), in support of the Company's news release dated [December 17, 2018](#). The NI 43-101 Technical Report was authorized by Mr. Rod Webster of AMC Consultants Pty Ltd ("AMC") of Melbourne, Australia, and Dr. Kurt Simon Forrester of Arn Perspective of Surrey, England. Each of Mr. Webster and Dr. Forrester are independent "qualified persons" as defined by National Instrument 43-101. The NI 43-101 Technical Report may be found on the Company's website at [www.mawsonresources.com](http://www.mawsonresources.com) or under the Company's profile on SEDAR at [www.sedar.com](http://www.sedar.com). The gold equivalent ("AuEq") value was calculated using the following formula:  $AuEq\ g/t = Au\ g/t + (Co\ ppm/608)$  with assumed prices of Co \$30/lb; and Au \$1,250/oz. AuEq varies with Au and Co prices.

On behalf of the Board,

"Michael Hudson"

Michael Hudson, Chairman & CEO

#### Further Information

[www.mawsonresources.com](http://www.mawsonresources.com)

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#### Forward-Looking Statement

This news release contains forward-looking statements or forward-looking information within the meaning of applicable securities laws (collectively, "forward-looking statements"). All statements herein, other than statements of historical fact, are forward-looking statements. Although Mawson believes that such statements are reasonable, it can give no assurance that such expectations will prove to be correct. Forward-looking statements are typically identified by words such as: believe, expect, anticipate, intend, estimate, postulate, and similar expressions, or are those, which, by their nature, refer to future events. Mawson cautions investors that any forward-looking statements are not guarantees of future results or performance, and that actual results may differ materially from those in forward-looking statements as a result of various factors, including, but not limited to, capital and other costs varying significantly from estimates, changes in world metal markets, changes in equity markets, planned drill programs and results varying from expectations, delays in obtaining results, equipment failure, unexpected geological conditions, local community relations, dealings with non-governmental organizations, delays in operations due to permit grants, environmental and safety risks, and other risks and uncertainties disclosed under the heading "Risk Factors" in Mawson's most recent Annual Information Form filed on [www.sedar.com](http://www.sedar.com). Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, Mawson disclaims any intent or obligation to update any forward-looking statement, whether as a result of new information, future events or results or otherwise.

Figure 1: Plan view of the Rajapalot area showing prospect areas, with mineralized intersections, TEM and VTEM electromagnetic conductive plates and resource block model projected to surface.

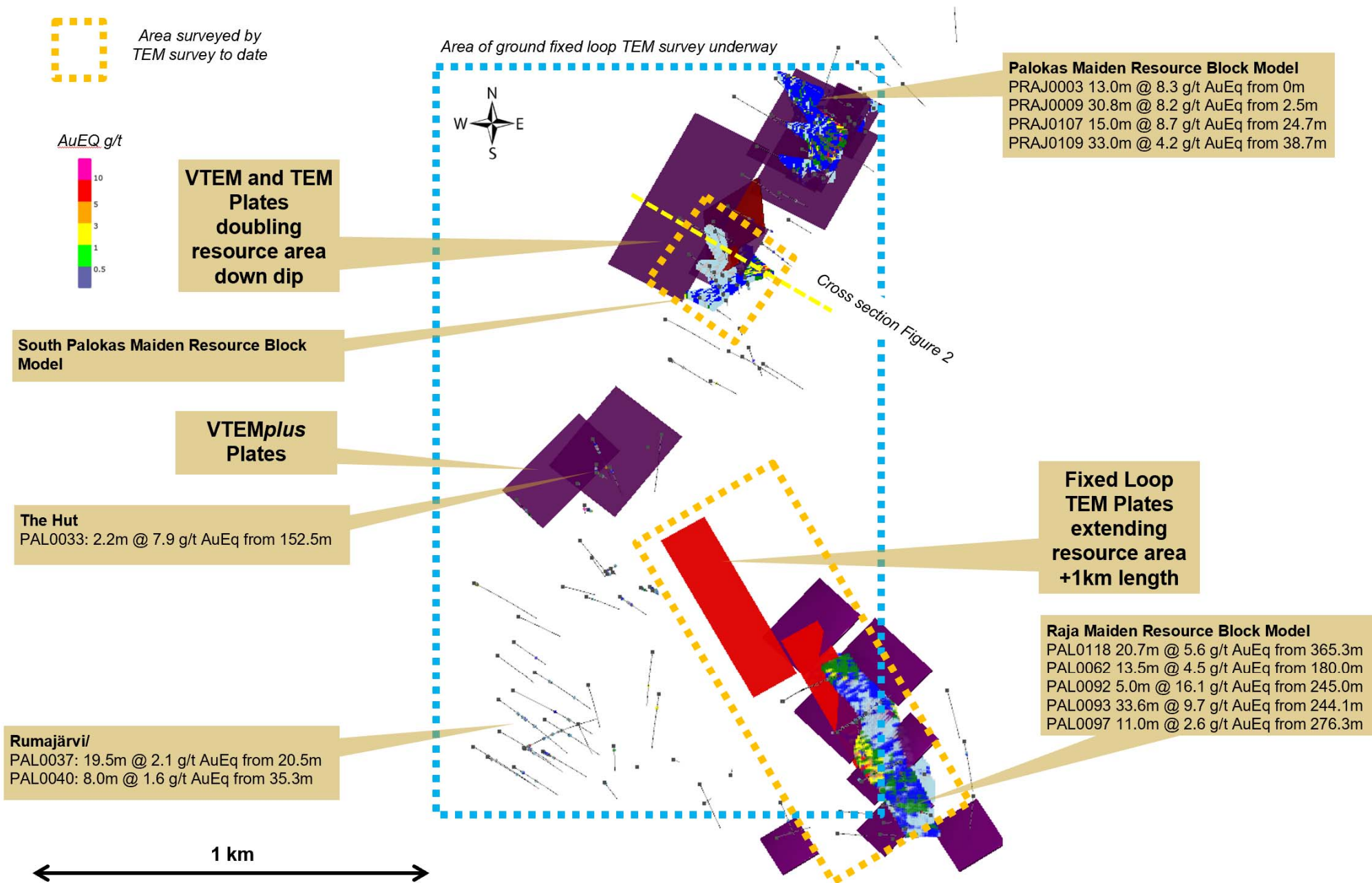


Figure 2: NW-SE Cross Section looking north, showing TEM and VTEM electromagnetic conductors extending the South Palokas resource 250 metres down dip to double the mineralization footprint.

