

# Rupert Resources Drills 62.7 Grams Per Tonne Gold (g/t) Over 11.9m and 220g/t Gold Over 5m at the Pahtavaara Mine

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[Rupert Resources Ltd.](#) (“Rupert” or “the Company”) is pleased to report initial results from the first 1,200m of the planned 7,000m Pahtavaara mine exploration program (tables 1 & 2). These holes are outside of the current known resource, in areas of limited historic drilling and in close proximity to the existing open pits.

This press release features multimedia. View the full release here:  
<https://www.businesswire.com/news/home/20191119005619/en/>

Plan view of mine exploration drilling (Photo: Business Wire)

## Highlights

- Hole 119503 at Harpoon intersected multiple high grade zones: 5.6g/t over 6m from 69m, 13.8g/t over 3m from 83m and 62.7g/t over 11.9m (including 145g/t over 5m) from 169.6m, extending mineralisation to the north and below the existing NW open pit.
- Hole 119507 at NFE intersected 220.3g/t Au over 5m from 150m, including 2m at 550g/t Au. This hole extends mineralisation 29 metre down plunge from a previous intersection of 432g/t over 1m, hole 116051, and 40m down plunge from 245g/t over 1m, hole 116011.

James Withall, CEO of Rupert Resources commented “These extremely exciting results highlight the resource expansion potential that still exists at the Pahtavaara mine, adding new zones at Harpoon and extending a very high grade zone at NFE.”

“The drilling, planned using our latest geological model for the deposit, is demonstrating a far higher hit rate than in previous campaigns and has identified significant new mineralisation, near to surface and close to the mine infrastructure. The Pahtavaara deposit limits remain undefined, both along strike and below existing mine development which extends to 450m.”

## Summary

The drilling reported today was planned to test extensions to the known resource at Harpoon and the extent of a number of plunging high-grade shoots at NFE zone that have had limited historic drilling. Results from the drilling program could lead to significant increases in the existing resource in close proximity to the Pahtavaara mill.

## Harpoon

Results from 7 holes drilled at the Harpoon area (figure 1) provide evidence that continuity exists in up to three plunging mineralised trends that occur beyond the northern margin of the historic NW open pit. Initial results from the drilling program have confirmed mineralisation outside of the current resource block model, along an E-W trend on 40m spacings.

The intersections in two upper trends (figure 2) extend these zones beyond previous drilling by the Company in 2017. The very high grade intercept from 170m in hole 119503 of 62.7g/t over 11.9m extends a lower trend that is located under the NW open pit. Prior drilling in this zone intersected 1.92g/t Au over 11m in hole

199332, 20m above the intersection, and 30.5g/t Au over 13m in hole 112535, 25m below the intersection. Further drilling is planned from within the existing open pit to potentially to extend these zones. True widths cannot be determined from currently available information.

## NFE

The drilling at NFE (figure 1) by Rupert Resources since 2016 has identified the potential for at least two mineralised trends (figure 3) that strike to the north west and plunge to the southwest. These trends are host to high-grade mineralisation that appears to exist as plunging shoots, a number of which have been identified by Rupert Resources. Early results from the current drilling has again reaffirmed the two mineralised trends: the upper trend, previously mined at surface to 40m depth, shows down-dip continuity below the historic pit boundary, and the lower trend extends both to depth and towards the surface beyond the limits of the open pit.

Hole 119507 was planned to confirm continuity to a very high-grade shoot (figure 4a&b - core photos) that is developed in the lower trend. Further intersections of this zone include holes 117305, grading 11.9 g/t Au over 4m, a further 30m below the intercept and the high-grade intercepts of 245g/t and 432g/t in holes 116011 and 116051 up dip.. Assays are pending from a number of other holes targeting both the upper and lower trends in this location.

Drilling is underway to test another plunging high grade shoot in the lower trend that was identified in early 2019 (see release April 8, 2019) within the NFE zone. Further drilling to delineate the potential surface expressions of all the mineralised trends is planned.

## Mineralisation

Mineralisation at both the Harpoon and NFE targets is hosted by a massive amphibolite unit that has been subjected to intense dolomite veining and hosts proximal, pervasive and veined, biotite and/or magnetite alteration. The massive amphibolite itself is hosted within a sequence of talc schists, part of the Saatasvaara Komatiite Formation. True widths cannot be determined from currently available information

## Review by Qualified Person, Quality Control and Reports

In compliance with National Instrument 43-101, Mr. Mike Sutton, P.Geo. is the Qualified Person who supervised and approved the preparation of the scientific and technical disclosure in this news release.

Samples are prepared by ALS Finland in Sodankylä and assayed in ALS laboratories in Ireland, Romania or Sweden. All samples are under watch from the drill site to the storage facility. Samples are assayed using fire assay method with aqua regia digest and analysis by AAS for gold. Over limit analysis for >10 ppm Au is conducted using fire assay and gravimetric finish. For multi-element assays Ultra Trace Level Method by HF-HNO<sub>3</sub>-HClO<sub>4</sub> acid digestion, HCl leach and a combination of ICP-MS and ICP-AES is used. The Company's QA/QC program includes the regular insertion of blanks and standards into the sample shipments, as well as instructions for duplication. Standards, blanks and duplicates are inserted at appropriate intervals. Approximately five percent (5%) of the pulps and rejects are sent for check assaying at a second lab.

Base of till samples are prepared in ALS Sodankylä by dry-sieving method prep-41, and assayed by fire assay with ICP-AES finish for gold. Multi-elements are assayed in ALS laboratories in either of Ireland, Romania or Sweden by aqua regia with ICP-MS finish. Rupert maintains a strict chain of custody procedure to manage the handling of all samples. The Company's QA/QC program includes the regular insertion of blanks and standards into the sample shipments, as well as instructions for duplication.

## About Rupert

Rupert is a Canadian based gold exploration and development company that is listed on the TSX Venture Exchange under the symbol "RUP". The Company owns the Pahtavaara gold mine, mill, and

exploration permits and concessions located in the Central Lapland Greenstone Belt in Northern Finland (&ldquo;Pahtavaara&rdquo;). Pahtavaara previously produced over 420koz of gold and 474 koz remains in an Inferred mineral resource (4.6 Mt at a grade of 3.2 g/t Au at a 1.5 g/t Au cut-off grade, see the technical report entitled &ldquo;NI 43-101 Technical Report: Pahtavaara Project, Finland&rdquo; with an effective date of April 16, 2018, prepared by Brian Wolfe, Principal Consultant, International Resource Solutions Pty Ltd., an independent qualified person under National Instrument 43-101 &ndash; Standards of Disclosure for Mineral Projects). The Company also holds a 100% interest in two properties in Central Finland - Hirsikangas and Osikonmaki; the Gold Centre property, which consists of mineral claims located in the Balmer Township, Red Lake, Ontario; and the Surf Inlet Property in British Columbia.

Web: <http://rupertresources.com/>

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

#### Cautionary Note Regarding Forward Looking Statements

This press release contains statements which, other than statements of historical fact constitute &ldquo;forward-looking statements&rdquo; within the meaning of applicable securities laws, including statements with respect to: results of exploration activities, mineral resources. The words &ldquo;may&rdquo;, &ldquo;would&rdquo;, &ldquo;could&rdquo;, &ldquo;will&rdquo;, &ldquo;intend&rdquo;, &ldquo;plan&rdquo;, &ldquo;anticipate&rdquo;, &ldquo;believe&rdquo;, &ldquo;estimate&rdquo;, &ldquo;expect&rdquo; and similar expressions, as they relate to the Company, are intended to identify such forward-looking statements. Investors are cautioned that forward-looking statements are based on the opinions, assumptions and estimates of management considered reasonable at the date the statements are made, and are inherently subject to a variety of risks and uncertainties and other known and unknown factors that could cause actual events or results to differ materially from those projected in the forward-looking statements. These factors include the general risks of the mining industry, as well as those risk factors discussed or referred to in the Company's annual Management's Discussion and Analysis for the year ended February 28, 2019 available at [www.sedar.com](http://www.sedar.com). Should one or more of these risks or uncertainties materialize, or should assumptions underlying the forward-looking statements prove incorrect, actual results may vary materially from those described herein as intended, planned, anticipated, believed, estimated or expected. Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking information, there may be other factors that cause actions, events or 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. The Company does not intend, and does not assume any obligation, to update these forward-looking statements except as otherwise required by applicable law.

#### Appendix

Table 1. Assay data from new Harpoon and NFE mine drilling

Hole ID	Zone	From (m)	To (m)	Interval (m)	Au (g/t)
119500 Harpoon		34.0	36.3	2.3	0.6
119500 Harpoon		46.0	47.0	1.0	1.0
119500 Harpoon		50.0	53.0	3.0	5.0
	incl.	50.0	51.0	1.0	5.1
	incl.	51.0	52.0	1.0	9.2
119500 Harpoon		132.3	133.0	0.7	0.9
119500 Harpoon		149.6	152.0	2.4	3.1

	incl.	150.3	151.0	0.7	6.0
119501 Harpoon	80.5	86.0	5.5	0.7	
119501 Harpoon	112.0	116.0	4.0	0.5	
119501 Harpoon	128.0	129.0	1.0	1.2	
119503 Harpoon	69.0	75.0	6.0	5.6	
	incl.	72.6	73.6	1.0	21.1
	incl.	73.6	75.0	1.4	8.1
119503 Harpoon	83.0	86.0	3.0	13.8	
	incl.	83.0	84.7	1.7	6.0
	incl.	84.7	86.0	1.3	24.1
119503 Harpoon	107.6	108.1	0.5	2.2	
119503 Harpoon	112.5	114.0	1.5	0.5	
119503 Harpoon	169.6	181.5	11.9	62.7	
	incl.	177.0	178.0	1.0	8.5
	incl.	178.0	179.0	1.0	18.0
	incl.	180.0	181.5	1.5	468.0
119504 Harpoon	46.7	48.0	1.3	6.9	
119504 Harpoon	59.0	63.6	4.6	1.5	
119504 Harpoon	79.8	85.0	5.2	1.9	
119505 Harpoon	90.0	92.2	2.2	2.5	
119506 Harpoon	25.0	26.0	1.0	0.9	
119506 Harpoon	72.8	79.0	6.2	0.9	
119506 Harpoon	93.0	97.4	4.4	2.0	
119506 Harpoon	124.0	125.0	1.0	0.9	
119506 Harpoon	128.0	129.0	1.0	1.6	
119506 Harpoon	135.0	136.4	1.4	1.1	
119507 NFE	57.8	59.5	1.8	1.3	
119507 NFE	86.4	86.9	0.5	0.9	
119507 NFE	150.0	155.0	5.0	220.3	
	incl.	150.0	152.0	2.0	550.0
	Incl.	151.0	152.0	1.0	935.0

Notes to table: Highlighted intercepts referred to in commentary. A lower cut of 0.5g/tonne Au has been used

for all intervals. No upper cut-off grade was applied. Maximum two metre interval of less than cut-off used for reporting. Unless specified, true widths cannot be accurately determined from the information available. Hole 119502 did not intersect significant mineralisation.

Table 2. Drill collar locations of new mine drilling

Hole ID	Zone	Easting	Northing	Elevation	Azimuth	Dip	EOH
119500	Harpoon	474820	7502084	248.99	170.0	-44.2	179.0
119501	Harpoon	474752	7502070	248.08	171.1	-44.5	139.8
119502	Harpoon	474834	7502088	249.29	167.6	-43.7	167.3
119503	Harpoon	474802	7502099	248.70	169.3	-43.5	182.6
119504	Harpoon	474787	7502091	248.59	167.2	-43.7	146.3
119505	Harpoon	474770	7502082	248.39	170.6	-49.2	149.5
119506	Harpoon	474740	7502049	249.06	172.5	-44.9	137.4
119507	NFE	475046	7501954	251.24	27.0	-74.8	160.0

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