



STARR PEAK REPORTS UP TO 1.19% CU, 10.39% ZINC-EQUIVALENT, 30.98 G/T AG, 0.32 G/T AU OVER 13.30 METRES, INCLUDING 3.16% CU OVER 4.45 METRES, ON THE DEEP EXTENSION OF THE NORMETMAR ZONE

Vancouver, British Columbia – August 12, 2021 – Starr Peak Mining Ltd. ("Starr Peak" or the "Company") (TSX-V:STE) (OTC:STRPF) is very pleased to announce a number of drill results from its ongoing 2021 drilling campaign on its NewMétal property ("NewMétal" or "the Property"), located in the Abitibi Greenstone Belt of Quebec near the town of Normétal. The NewMétal project also includes the past-producing Normétal Mine, from which ~10.1M tonnes of 2.15% Cu, 5.12% Zn, 0.549 g/t Au, and 45.25 g/t Ag were produced (Boivin, 1988). Today's results highlight copper rich zonation in the Deep Zone and the Upper Zone of the Normetmar Showing.

Highlights

- Upper Zone (above 400m vertically)
 - STE-21-36: 19.05 m of 6.07 % ZnEq which includes 1.04% Cu
 - STE-21-25: 7.65 m of 8.90 % ZnEq which includes 0.44% Cu
 - STE-21-32: 11.75 m of 5.62 % ZnEq including 4.20 m of 13.15 % ZnEq
- Deep Zone (below 400m vertically)
 - STE-21-43: 13.30 m of 10.39 % ZnEq, including 4.45 m of 3.16 % Cu
 - STE-21-14-W1: 11.80 m of 8.28 % ZnEq which includes 0.84 % Cu

Johnathan More, Chairman and CEO of Starr Peak commented, "As we continue to be blown away by the results and potential of the Normetmar mineralized system, we are seeing an increase of copper mineralization at depth. This often occurs in these polymetallic VMS deposits, with metal zonation from zinc-dominant to copper-dominant at depth. We are excited to be releasing some of our highest grade copper mineralization to date, and look forward to increasing our understanding of this highly continuous zone of rich mineralization with our recently announced 60,000 metre expanded drill program."

Systematic drilling of the upper zone has returned copper rich intervals and also defined local separation of the mineralized massive sulphide intervals into the holes by a length of approximately 30 meters in core length. To date, this separation is only located near shallower Normetmar historic mineralization and is not observable into the main Upper and Deep zones. See below **Table 1, Table 2** and **Figure 1** showing the most recent assay results and estimations of drill hole mineralized intervals.

Zone	Hole No.	From (m)	To (m)	Length (m)	Zn (%)	Cu (%)	Ag (g/t)	Au (g/t)	Zn_Eq (%)*
Deep	STE-21-43	760.25	773.55	13.30	5.27	1.19	30.98	0.32	10.39
	incl.	762.00	766.45	4.45	1.26	3.16	73.64	0.70	14.25
	STE-21-11-W1	894.30	897.60	3.30	6.99	0.29	39.98	0.35	9.81
	STE-21-11-W2	855.85	856.60	0.75	9.76	0.20	23.40	0.13	11.33
	STE-21-11-W5	843.20	846.70	3.50	10.83	0.16	22.77	0.08	12.18
	STE-21-14-W1	780.00	791.80	11.80	4.02	0.84	26.04	0.46	8.28
	STE-21-14-W2	785.00	787.60	2.60	1.13	0.51	7.50	0.08	3.00
	STE-21-14-W2	791.70	793.85	2.15	0.37	0.01	29.14	0.13	1.55

Table 1 – Deep zone

Intervals are reported as core widths measured downhole. True width of mineralization is currently unknown.

**Note: Zn_Eq% formula is defined below*

Zone	Hole No.	From (m)	To (m)	Length (m)	Zn (%)	Cu (%)	Ag (g/t)	Au (g/t)	Zn_Eq (%)*
Upper	STE-21-25	363.95	371.60	7.65	6.00	0.44	34.62	0.26	8.90
	STE-21-32	239.20	250.95	11.75	4.10	0.20	25.69	0.07	5.62
	incl.	246.75	250.95	4.20	9.44	0.53	60.85	0.14	13.15
	STE-21-33	218.70	220.70	2.00	1.19	0.02	1.78	0.01	1.32
	STE-21-33	228.20	229.25	1.05	1.90	0.02	11.60	0.04	2.38
	STE-21-34	258.40	261.75	3.35	3.57	0.44	15.30	0.23	5.81
	STE-21-34	266.50	275.75	9.25	2.61	0.66	36.52	0.24	6.18
	STE-21-36	285.45	304.50	19.05	1.95	1.04	18.83	0.23	6.07
	incl.	285.45	290.35	4.90	1.19	3.11	37.12	0.22	11.88
	STE-21-37	235.95	238.85	2.90	0.85	0.01	3.05	0.02	1.02
	STE-21-37	244.60	250.35	5.75	3.53	0.07	6.11	0.21	4.37
	STE-21-42	98.70	101.90	3.20	4.16	0.03	17.75	0.02	4.83
	incl.	100.45	100.90	0.45	25.90	0.12	70.10	0.11	28.61
	STE-21-44	126.30	129.45	3.15	3.85	0.02	14.20	0.03	4.41
	incl.	128.15	129.45	1.30	8.42	0.03	30.85	0.05	9.57
	STE-21-44	146.25	148.30	2.05	9.91	0.08	89.47	0.12	13.13
	STE-21-47	131.25	133.15	1.90	8.30	0.05	16.35	0.06	9.09
	STE-21-47	163.60	166.75	3.15	2.48	0.02	45.31	0.09	4.11

Table 2 – Upper zone

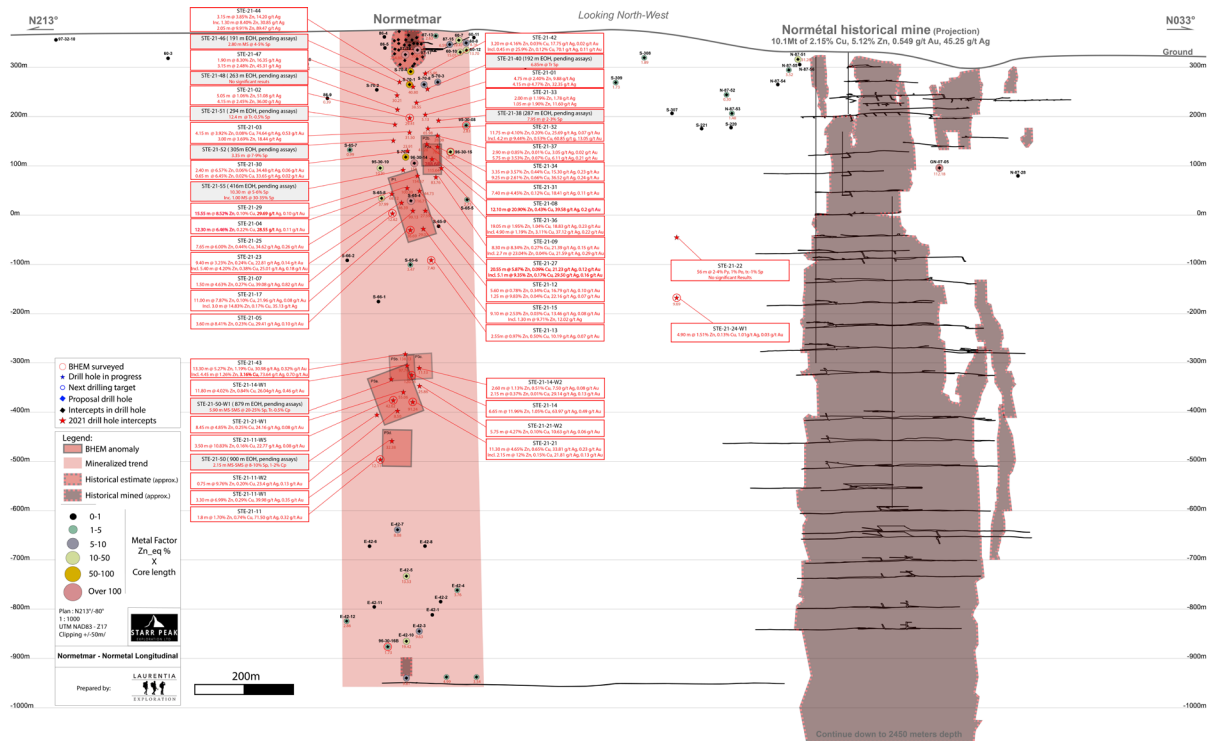
Intervals are reported as core widths measured downhole. True width of mineralization is currently unknown.

**Note: Zn_Eq% formula is defined below*

Drilling continues on the project targeting the deep new discovery zone below 600m vertical depth and systematic drilling of the Normetmar Upper zone above 400m vertical depth. An exploration

plan of the prolific Normetmar-Normétal lithological contact within the property is currently underway, taking into account 2021 new massive sulphide interceptions.

Figure 1: Longitudinal Section of the Normétal Past-Producing Mine and Normetmar Satellite Deposit. Drilling targets represented by a red star. Historical Drill Intercepts area provided in Zinc-Equivalent calculated using the formula in references. Abbreviation: Sp – Sphalerite, Cp – Chalcopyrite, Gn – Galena, MS – Massive sulfides, SMS – Semi-massive sulfides (under 75%), Tr – Traces, EOH – End of Hole.



Qualified Person

Alexis Paulin Bissonnette, Ing. (OIQ 5037621), an independent Qualified Person as defined by Canadian NI 43-101 standards, has reviewed and approved the geological information reported in this news release. The drilling campaign and the quality control program have been planned and supervised by Alexis Paulin Bissonnette. Core logging and sampling were completed by Laurentia Exploration. The quality assurance and quality control protocol include insertion of one blank, one standard and one duplicate every 25 samples, in addition to the regular insertion of blank, duplicate, and standard samples accredited by ALS Canada Ltd. during the analytical process. Additionally, sample weight is taken prior shipment to validate sample identity. Gold values are estimated by fire assay with finish by atomic absorption. Zinc, Copper and Silver values are estimated by four acid digestion multi elements Inductively Coupled Plasma – Atomic Emission Spectroscopy (ICP-AES), ME-ICP61. Zinc values over 1%, copper values over 1% and silver values over 100 g/t are estimated by four acid digestion ICP-AES, OG62. Zinc values over 30% are estimated by potentiometric titration, ZN-VOL50. The Qualified Person has not completed sufficient work to verify the historic information on the Property, particularly in regards to historical drill results. However, the Qualified Person believes that drilling and analytical results

were completed to industry standard practices. The information provides an indication of the exploration potential of the Property but may not be representative of expected results.

References and disclosures

Normétal historical Mine and Normetmar:
Summary Report, Normetmar Project, January 1988 by L. Boivin

*Metal Factor zinc equivalent formula: $Zn_{eq} (\%) * Core\ length$
 $Zn_{eq} (\%) = Zn(\%) + [Cu(\%) * Cu\ price\ (lb) / Zn\ price\ (lb)] + [Ag(\%) * Ag\ price\ (oz) * 14,632 / Zn\ price\ (lb)] + [Au(\%) * Au\ price\ (oz) * 14.632 / Zn\ price\ (lb)]$
 $Zn_{eq} \% \text{ based on US\$: } 1.2\$/lb\ Zn, \$3.5/lb\ Cu, \$25/oz\ Ag, \$1800/oz\ Au.$

The historical information on the Longitudinal have not been validated otherwise than with the information inside historical reports and cross sections. Exact location of historical drill hole pierce points on the longitudinal may be different.

The Company wishes to caution that historical resources described above are historical. The historic resources are relevant to give a ballpark estimate of the potential on the property. Historical resources should not be relied upon. The key assumptions, parameters and methods used to prepare the historical estimate is not known and thus the difference between the historic estimates and NI 43-101 compliant estimates is also not known. The historical estimates used categories other than the ones set up in sections 1.2 and 1.3 of National Instrument 43-101, Standards of Disclosure for Mineral Projects. A qualified person has not reviewed the historical estimates and has not done sufficient work to classify the historical estimates as current mineral resources and Starr Peak is not treating the historical estimates as current mineral resources under National Instrument 43-101 and CIM Standards for mineral resources and reserves. Further exploration work needs to be done to correctly evaluate these historical resources. Additionally, the methodology of calculation is unknown by the qualified person.

Grab samples are selective by nature and the values reported may not be representative of the mineralized zone.

Mineralization hosted on adjacent and/or nearby properties is not necessarily indicative of mineralization hosted on the Company's property.

On Behalf of the Board of Directors of Starr Peak Mining Ltd.,

"Johnathan More"

Johnathan More
Chairman and Chief Executive Officer

About Starr Peak Mining Ltd.

Starr Peak Mining Ltd. is a Canadian based mineral exploration company focused on the acquisition and exploration of precious and base metal mineral deposits. The primary objective of the Company is to acquire, explore and develop high potential and quality gold and base metal deposits and projects in the Americas. The Company is committed to create long term shareholder value through mineral discoveries.

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This press release contains forward-looking information based on current expectations, including the use of funds raised under the Offering. These statements should not be read as guarantees of future performance or results. Such statements involve known and unknown risks, uncertainties and other factors that may cause actual results, performance or achievements to be materially different from those implied by such statements. Although such statements are based on management's reasonable assumptions, Starr Peak assumes no responsibility to update or revise forward-looking information to reflect new events or circumstances unless required by law.

Although the Company believes that the expectations and assumptions on which the forward-looking statements are based are reasonable, undue reliance should not be placed on the forward-looking statements because the Company can give no assurance that they will prove to be correct. Since forward-looking statements address future events and conditions, by their very nature they involve inherent risks and uncertainties. These statements speak only as of the date of this press release. Actual results could differ materially from those currently anticipated due to several factors and risks including various risk factors discussed in the Company's disclosure documents which can be found under the Company's profile on www.sedar.com.

This press release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E the Securities Exchange Act of 1934, as amended and such forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. The TSXV has neither reviewed nor approved the contents of this press release.

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