



STARR PEAK INCREASES ONGOING DRILL PROGRAM AND REPORTS DEEPEST RESULTS TO DATE: 10.45% ZINC-EQUIVALENT OVER 4.75 METRES WITH COPPER-ENRICHMENT; NEW GEOPHYSICAL INTERPRETATION SIGNIFICANTLY EXTENDS THE DEEP ZONE AT NEWMÉTAL

Vancouver, British Columbia – October 7th, 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). A new geophysical interpretation of BHEM surveys of deep drill holes suggests an upward extension to the Deep Zone. This new plate (P4.: 90m x 350m x 1000 siemens) provides an estimate of the average property of the conductor. It does not account for any heterogeneities such as greater thicknesses or conductivities. Starr Peak is also pleased to announce an expansion of its drill program to 80,000 metres which is fully funded.

Highlights

- Upper Zone (above 400m vertically)
 - STE-21-52: 3.35 m of 8.09 % ZnEq,
 - STE-21-55: 10.30 m of 2.59 % ZnEq
- Deep Zone (below 400m vertically)
 - STE-21-50-W1: 7.85 m of 10.42 % ZnEq,
 - STE-21-59: 4.75 m of 10.45 % ZnEq

Johnathan More, Chairman and CEO of Starr Peak commented, "The Deep Zone continues to deliver significant grades and is open for extension as we can see in the geophysical responses. We are excited to be releasing some of our highest-grade copper mineralization to date, as such, we continue to gain an understanding of the Normetmar mineralized system and we appear to be seeing an increase of copper mineralization at depth. This often occurs in polymetallic VMS deposits, with metal zonation from zinc-dominant to copper-dominant at depth. We look forward to increasing our understanding of this highly continuous zone of rich mineralization with our expanded and fully funded 80,000 metre drill program."

STE-21-59, the deepest 2021 drill hole to date, highlights the potential outside the geophysical plates, following the mineralized trend. Drilling will shift to testing the Deep Zone defined by the new interpreted BHEM plate. As well, systematic delineation drilling of the Upper Zone continues

to expand the limits of the zone. See below **Table 1**, **Table 2** and **Figure 1** showing up to date assay results and Zinc Equivalent (Zn_Eq) calculations of drill hole mineralized intervals.

Table 1 – Deep zone

Zone	Hole No.	From (m)	To (m)	Length (m)	Zn (%)	Cu (%)	Ag (g/t)	Au (g/t)	Zn_Eq (%)*
Deep	STE-21-50	851.80	854.40	2.60	6.01	0.45	33.59	0.09	8.56
	STE-21-50-W1	810.15	818.00	7.85	9.35	0.14	16.68	0.07	10.42
	incl.	812.10	818.00	5.90	12.10	0.17	21.20	0.09	13.43
	STE-21-50-W3	819.25	823.35	4.10	5.69	0.12	7.62	0.05	6.37
	STE-21-59	980.45	985.20	4.75	3.49	1.54	54.49	0.37	10.45
	STE-21-59-W1	945.05	946.00	0.95	0.64	1.95	31.40	0.22	7.75
	STE-21-59-W1	950.80	953.60	2.80	7.93	0.83	106.05	0.13	13.87
Zone	Hole No.	From (m)	To (m)	Length (m)	Zn (%)	Cu (%)	Ag (g/t)	Au (g/t)	Zn_Eq (%)*
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	STE-21-50-W3	819.25	823.35	4.10	5.69	0.12	7.62	0.05	6.37
	STE-21-59	980.45	985.20	4.75	3.49	1.54	54.49	0.37	10.45
	incl.	980.45	980.95	0.50	2.04	7.19	248.00	1.81	34.53
	STE-21-59-W1	945.05	946.00	0.95	0.64	1.95	31.40	0.22	7.75
	STE-21-59-W1	950.80	953.60	2.80	7.93	0.83	106.05	0.13	13.87

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

**Note: Zn_Eq% formula is defined below*

Table 2 – Upper zone

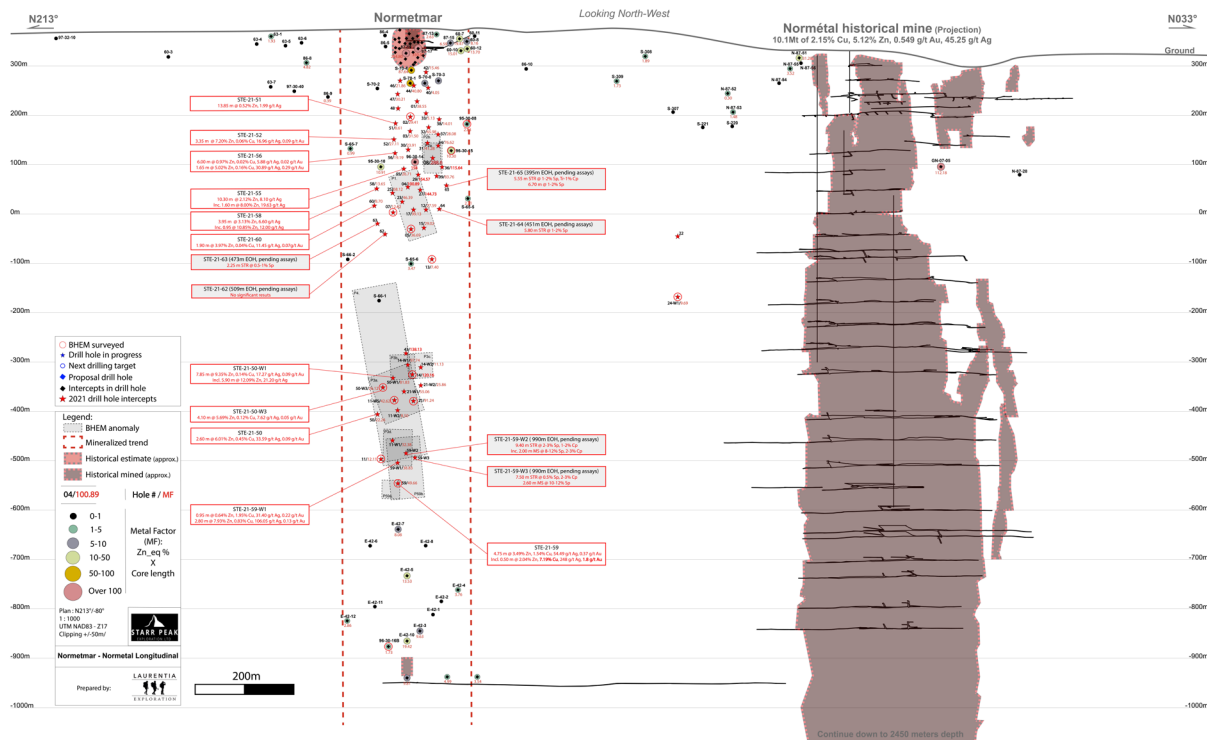
Zone	Hole No.	From (m)	To (m)	Length (m)	Zn (%)	Cu (%)	Ag (g/t)	Au (g/t)	Zn_Eq (%)*
Upper	STE-21-51	202.55	216.40	13.85	0.52	0.01	1.99	0.01	0.62
	STE-21-52	247.10	250.45	3.35	7.20	0.06	16.96	0.09	8.09
	STE-21-55	349.85	360.15	10.30	2.11	0.03	8.10	0.06	2.59
	incl.	358.55	360.15	1.60	8.01	0.07	19.63	0.05	8.94
	STE-21-56	329.00	335.00	6.00	0.97	0.02	5.88	0.02	1.26
	STE-21-56	340.05	341.70	1.65	5.02	0.16	30.89	0.29	7.07
	STE-21-58	392.95	396.90	3.95	3.13	0.01	6.60	0.04	3.46
	STE-21-60	413.35	415.25	1.90	3.97	0.04	11.45	0.07	4.58
Zone	Hole No.	From (m)	To (m)	Length (m)	Zn (%)	Cu (%)	Ag (g/t)	Au (g/t)	Zn_Eq (%)*
Upper	STE-21-51	202.55	216.40	13.85	0.52	0.01	1.99	0.01	0.62
	STE-21-52	247.10	250.45	3.35	7.20	0.06	16.96	0.09	8.09
	STE-21-55	349.85	360.15	10.30	2.11	0.03	8.10	0.06	2.59
	incl.	358.55	360.15	1.60	8.01	0.07	19.63	0.05	8.94
	STE-21-56	329.00	335.00	6.00	0.97	0.02	5.88	0.02	1.26
	STE-21-56	340.05	341.70	1.65	5.02	0.16	30.89	0.29	7.07
	STE-21-58	392.95	396.90	3.95	3.13	0.01	6.60	0.04	3.46
	incl.	395.95	396.90	0.95	10.85	0.05	12.00	0.03	11.42
	STE-21-60	413.35	415.25	1.90	3.97	0.04	11.45	0.07	4.58

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 Zone below 600m vertical depth and systematic delineation drilling of the Normetmar Upper Zone above 400m vertical depth is coming to an end. An exploration plan of the prolific Normetmar-Normétal lithological contact within the property is currently underway, taking into account the many new massive sulphide intercepts in 2021.

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: $Zn_{eq} (\%) * Core\ length$

$$\text{Zn_eq (\%)} = \text{Zn(\%)} + [\text{Cu(\%)} * \text{Cu price (lb)} / \text{Zn price (lb)}] + [\text{Ag(\%)} * \text{Ag price (oz)} * 14,632 / \text{Zn price (lb)}] + [\text{Au(\%)} * \text{Au price (oz)} * 14.632 / \text{Zn price (lb)}]$$

Zn_eq % 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 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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