



## **STARR PEAK REPORTS VMS INTERCEPTS OF 8.98% ZINC-EQUIVALENT OVER 9.85 METRES AND 1.28% COPPER OVER 7.20 METRES**

**Vancouver, British Columbia – January 11<sup>th</sup>, 2022 – Starr Peak Mining Ltd.** ("Starr Peak" or the "Company") (TSXV:STE) (OTCQX:STRPF) is pleased to announce drill results from the 2021 drilling campaign on its NewMétal property ("NewMétal" or "the Property"), located in the Abitibi Greenstone Belt of Québec near the town of Normétal. The ongoing drill program targets the Normetmar Upper and Deep zones, located directly below the Normetmar high grade zinc deposit and approximately one kilometre West of the historic Normétal Mine which produced ~10.1M tonnes of 2.15% Cu, 5.12% Zn, 0.549 g/t Au, and 45.25 g/t Ag (Boivin, 1988). See below **Table 1**, **Table 2** and **Figure 1** showing assay results to date and Zinc Equivalent (Zn\_Eq) calculations for mineralized intervals.

### **Highlights**

- Upper Zone (above 400m vertically)
  - STE-21-73: 5.90 m of 6.04 % ZnEq
  
- Deep Zone (below 400m vertically)
  - STE-21-82-W1: 9.85 m of 8.98 % ZnEq, incl. 0.82% Cu;
  - STE-21-81: 7.20 m of 5.14 % Zn Eq, incl. 1.28% Cu

Johnathan More, Chairman and CEO of Starr Peak commented, "The Deep Zone drilling continues to deliver significant copper mineralization zonation. Ongoing drilling of the Deep Zone and related targets is adding to our understanding of this large VMS mineralized system which remains open for extensions in several directions. We are also very excited about the planned drill testing of gold targets this winter, which has been our intention for a long time."

### **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-21-82-W1	822.05	831.90	9.85	4.76	0.82	41.99	0.24	<b>8.98</b>
	Incl.	822.05	827.25	5.20	2.69	1.47	64.19	0.40	<b>9.81</b>
	STE-21-81	666.40	673.60	7.20	0.56	1.28	14.88	0.18	<b>5.14</b>
	Incl.	942.55	945.15	2.60	5.93	0.11	15.71	0.09	<b>6.93</b>
	STE-21-68	743.15	749.30	6.15	3.62	0.36	14.94	0.11	<b>5.39</b>
	Incl.	746.80	749.30	2.50	7.67	0.27	10.54	0.09	<b>8.98</b>
	STE-21-68-W1	728.80	734.50	5.70	3.36	0.33	7.96	0.06	<b>4.68</b>
	Incl.	733.15	734.50	1.35	10.53	1.23	27.94	0.17	<b>15.35</b>
	STE-21-68-W2	709.95	713.45	3.50	3.21	1.98	28.48	0.36	<b>10.65</b>
	Incl.	711.40	713.45	2.05	4.73	2.99	42.69	0.54	<b>15.94</b>
	STE-21-70	526.20	528.40	2.20	0.59	0.01	4.58	0.01	<b>0.79</b>
	STE-21-74	825.40	827.50	2.10	4.41	0.90	29.31	0.35	<b>8.68</b>
	STE-21-77-W1	724.70	729.40	4.70	0.36	0.01	7.18	0.02	<b>0.64</b>

*Intervals are reported as drill core lengths 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-21-73	426.90	432.80	5.90	4.93	0.09	20.92	0.10	<b>6.04</b>
	Incl.	426.90	428.70	1.80	6.84	0.07	33.10	0.14	<b>8.36</b>
	Incl.	431.30	432.80	1.50	8.60	0.08	9.95	0.13	<b>9.41</b>
	STE-21-62	416.80	423.15	6.35	0.28	0.01	1.22	0.02	<b>0.38</b>
	STE-21-63	395.00	398.00	3.00	0.23	0.00	0.71	0.01	<b>0.28</b>
	STE-21-65	343.30	347.15	3.85	1.88	0.26	5.13	0.04	<b>2.90</b>
	STE-21-65	353.55	358.60	5.05	2.04	0.05	7.23	0.03	<b>2.45</b>
	STE-21-67	430.20	430.50	0.30	0.06	0.24	14.60	0.04	<b>1.27</b>

*Intervals are reported as drill core lengths measured downhole. True width of mineralization is currently unknown.*

*\*Note: Zn\_Eq% formula is defined below*

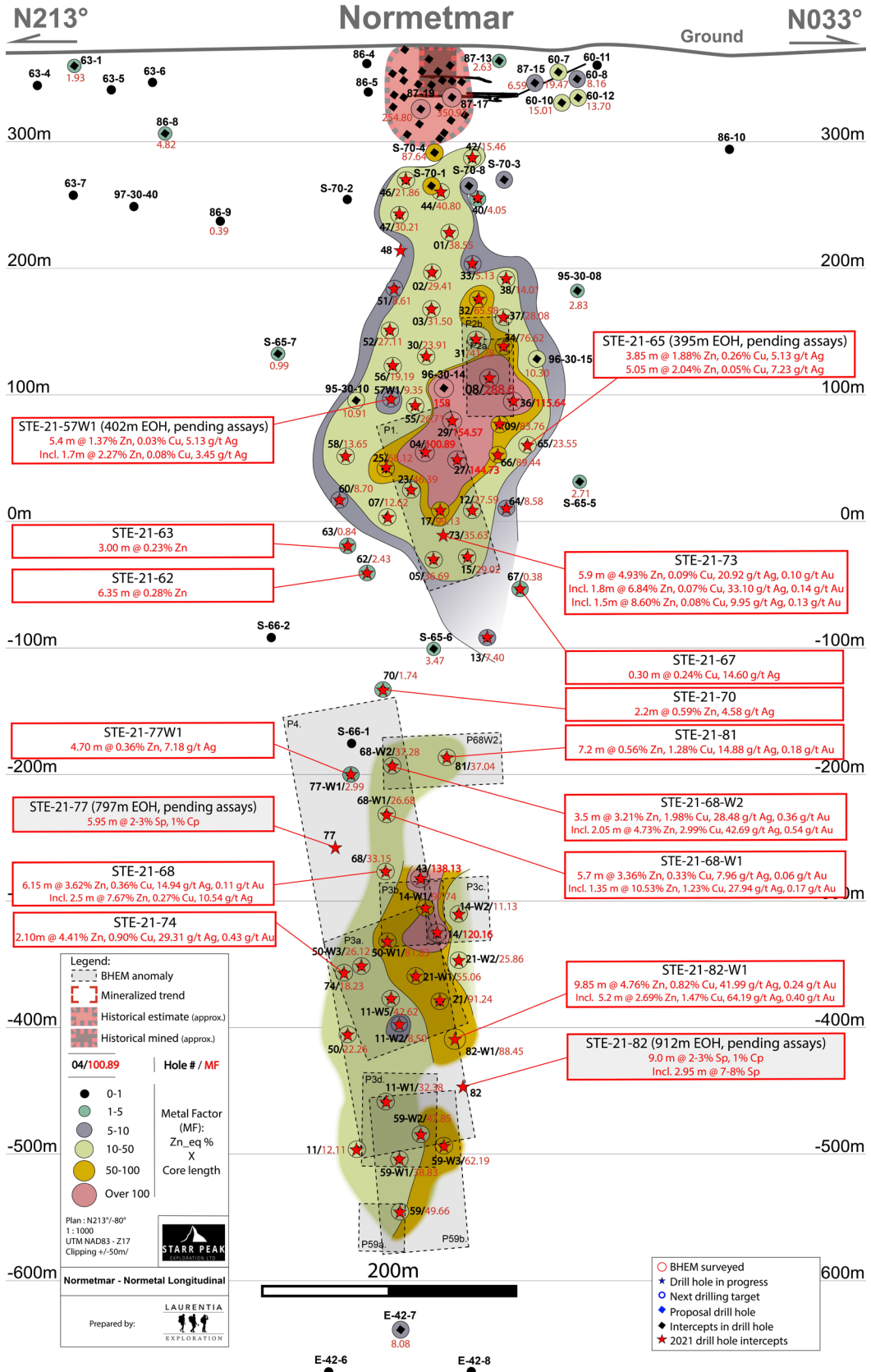
Drilling will resume on the project this week following the holiday break, targeting the Deep Zone below 600m vertical depth. A second drill will continue targeting the 4 km long prolific Normetmar-Normétal lithological contact within the property, taking into account the many new massive sulphide intercepts in 2021.

Additionally, gold targets located in the northern half of the Newmétal property will be drill tested in early 2022, with cold weather facilitating access to certain areas.

**Figure 1:** Longitudinal Section of Normetmar Satellite Deposit trend at depth. 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.

Looking North-West

# Normetmar



N213°

N033°

Ground

300m

200m

100m

0m

-100m

-200m

-300m

-400m

-500m

-600m

200m

600m

**STE-21-57W1 (402m EOH, pending assays)**  
 5.4 m @ 1.37% Zn, 0.03% Cu, 5.13 g/t Ag  
 Incl. 1.7m @ 2.27% Zn, 0.08% Cu, 3.45 g/t Ag

**STE-21-63**  
 3.00 m @ 0.23% Zn

**STE-21-62**  
 6.35 m @ 0.28% Zn

**STE-21-65 (395m EOH, pending assays)**  
 3.85 m @ 1.88% Zn, 0.26% Cu, 5.13 g/t Ag  
 5.05 m @ 2.04% Zn, 0.05% Cu, 7.23 g/t Ag

**STE-21-73**  
 5.9 m @ 4.93% Zn, 0.09% Cu, 20.92 g/t Ag, 0.10 g/t Au  
 Incl. 1.8m @ 6.84% Zn, 0.07% Cu, 33.10 g/t Ag, 0.14 g/t Au  
 Incl. 1.5m @ 8.60% Zn, 0.08% Cu, 9.95 g/t Ag, 0.13 g/t Au

**STE-21-67**  
 0.30 m @ 0.24% Cu, 14.60 g/t Ag

**STE-21-70**  
 2.2m @ 0.59% Zn, 4.58 g/t Ag

**STE-21-81**  
 7.2 m @ 0.56% Zn, 1.28% Cu, 14.88 g/t Ag, 0.18 g/t Au

**STE-21-77W1**  
 4.70 m @ 0.36% Zn, 7.18 g/t Ag

**STE-21-77 (797m EOH, pending assays)**  
 5.95 m @ 2-3% Sp, 1% Cp

**STE-21-68-W2**  
 3.5 m @ 3.21% Zn, 1.98% Cu, 28.48 g/t Ag, 0.36 g/t Au  
 Incl. 2.05 m @ 4.73% Zn, 2.99% Cu, 42.69 g/t Ag, 0.54 g/t Au

**STE-21-68**  
 6.15 m @ 3.62% Zn, 0.36% Cu, 14.94 g/t Ag, 0.11 g/t Au  
 Incl. 2.5 m @ 7.67% Zn, 0.27% Cu, 10.54 g/t Ag

**STE-21-68-W1**  
 5.7 m @ 3.36% Zn, 0.33% Cu, 7.96 g/t Ag, 0.06 g/t Au  
 Incl. 1.35 m @ 10.53% Zn, 1.23% Cu, 27.94 g/t Ag, 0.17 g/t Au

**STE-21-74**  
 2.10m @ 4.41% Zn, 0.90% Cu, 29.31 g/t Ag, 0.43 g/t Au

**STE-21-82-W1**  
 9.85 m @ 4.76% Zn, 0.82% Cu, 41.99 g/t Ag, 0.24 g/t Au  
 Incl. 5.2 m @ 2.69% Zn, 1.47% Cu, 64.19 g/t Ag, 0.40 g/t Au

**STE-21-82 (912m EOH, pending assays)**  
 9.0 m @ 2-3% Sp, 1% Cp  
 Incl. 2.95 m @ 7-8% Sp

**Legend:**

- BHEM anomaly
- Mineralized trend
- Historical estimate (approx.)
- Historical mined (approx.)

**04/100.89** | Hole # / MF

- 0-1
- 1-5
- 5-10
- 10-50
- 50-100
- Over 100

**Metal Factor (MF):**

- Zn\_eq %
- X
- Core length

Plan: N213°/80°  
 1:1000  
 UTM NAD83 - Z17  
 Clipping +/-50m/

**STARR PEAK**

Normetmar - Normetal Longitudinal

Prepared by: **LAURENTIA EXPLORATION**

- BHEM surveyed
- ★ Drill hole in progress
- Next drilling target
- ◆ Proposal drill hole
- ◆ Intercepts in drill hole
- ★ 2021 drill hole intercepts

E-42-6  
 ● 8.08  
 E-42-7  
 ● 8.08  
 E-42-8

### **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 has 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.

### **For more information please contact:**

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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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