

# Happy Creek begins fieldwork at Highland Valley, B.C.

written by Raj Shah | May 29, 2018



May 29, 2018 ([Source](#)) – Happy Creek Minerals Ltd. (TSXV: HPY) (the “Company”) is pleased to announce that field work is underway on its 100% owned Rateria and West Valley property in the Highland Valley B.C.

During the past year the Company added 6,849 hectares of mineral tenure to its 100% owned Rateria-West Valley copper property and the project now totals approximately 244 square kilometres. In 2017, the Company continued to define and expand Zone 2 on the Rateria property. As announced August 29th, 2017 and February 8th, 2018 drill hole R17-02 returned 5.0 metres of 4.4% copper, 0.21 g/t gold, 20.0 g/t silver, 0.03% molybdenum and 6.86 g/t rhenium that is 200 metres east of Zone 2. R17-05 returned 105.5 metres of 0.37% copper, 0.14 g/t gold, 1.9 g/t silver and 0.63 g/t rhenium. Starting at 55 metres, R17-08 returned 82.5 metres of 0.29% copper and 66 metres of 0.35% copper. Drilling in 2017 expanded Zone 2 and suggests mineralization occurs over a much broader area than previously thought.

The Company has also completed a review and compilation of pertinent exploration work going back to the late 1950’s for the entire property, including the newly acquired mineral tenure. This process is useful for exploration targeting as well as in preparing NI43-101 reports. Historical work was fragmented by multiple owners of generally irregular-shaped, smaller-size claims and affected by extensive glacial till and thick forest cover. Happy Creek has assembled the current mineral property

with greatly improved access and surface visibility due to on-going logging activities. The compilation of historical work along with the Company's own data has identified significant gaps in exploration and under-explored areas.

Field work is underway to geologically map the property with attention to areas of known mineralization as well as new areas thought to have copper deposit potential identified by the compilation work. This work is expected to take approximately six weeks.

David Blann, P.Eng., President of Happy Creek Minerals states: "The discovery of Zone 1 and 2 confirms that significant new prospects can be found in this district having continuous mining for over 50 years. The Rateria and West Valley property have now reached a size that is ideal for a large-scale view of exploration and while this mining camp has already produced several substantial copper deposits, there are areas without much exploration. With the prospective geology, location and large mineral tenure package this is an excellent opportunity to use modern techniques and tools to search for new, large copper deposits in this prolific copper district."

### **About the Rateria and West Valley property**

The Rateria and West Valley property are contiguous and total approximately 244 square kilometres that adjoin and surround the southern side of the Teck Resources' Highland Valley Copper property, Canada's largest base metal mine. The property is underlain predominantly by the Guichon batholith which hosts four porphyry copper deposits that have achieved commercial production.

Happy Creek has discovered two new copper zones thought to have near-term resource potential. Drilling by the Company in Zone 1 and 2 has returned 95.0 metres of 0.67% copper and 152.5 metres

of 0.35% copper, 0.12 g/t gold, respectively. Drill grades appear consistent with currently mined deposits in the district. Within a larger mineralized envelope, the best-grade portion of each zone is approximately one km in length and up to 150 metres in width and extend from surface to over 350 metres below surface and are open. These two zones are approximately four km apart, thought to have near-term resource potential and are located 6.5km southeast of the producing Highmont deposit, part of the Highland Valley copper mine operation.

The combined 244 Km<sup>2</sup> Rateria and West Valley property contains at least 25 known copper prospects and these as well as other areas, remain under-explored. The property is thought to be a quality copper exploration asset within a highly productive mineral district.

On behalf of the Board of Directors,

“David E Blann”

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David E Blann, P.Eng.

President, CEO

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