Lefroy discovers Copper at Lovejoy

Lefroy Exploration (ASX: LEX)

Announced progress on the diamond drill program currently underway at the Burns Au-Cu intrusion-related mineral system, located in the Company's wholly owned Eastern Lefroy Gold Project, 70km SE of Kalgoorlie.

Diamond hole LEFD008, recently drilled at the Lovejoy prospect, 1.5km north of the Burns gold-copper discovery, has intersected significant copper mineralisation.



Lafroy Exploration drill crew, Western Australia

Lefroy Exploration Burns Update: Significant Copper Mineralisation Intersected at Lovejoy

ASX Announcement 20 September 2022

Lefroy Exploration Limited (ASX: LEX) ("Lefroy" or "the Company") is pleased to announce progress on the diamond drill program currently underway at the Burns Au-Cu intrusion-related mineral system, located in the Company's wholly owned Eastern Lefroy Gold Project, 70km southeast of Kalgoorlie.

- Diamond hole LEFD008, recently drilled at the Lovejoy prospect, which is 1.5km north of the Burns gold-copper discovery, has intersected significant copper mineralisation. LEFD008 was drilled to 364m down hole and has intersected:
- o A 145m long interval of copper mineralisation between 130m-275m, which contains;
- o A 42m length of hydrothermal breccia, which hosts extensive native copper and
- copper sulphides from 233m 275m.
- The intensity of native copper mineralisation in the breccia zone is further demonstrated by copper coating the outside of several steel drill rods from the drill string (see below).
- The breccia and native copper visuals at Lovejoy provide additional evidence that Burns and the surrounding prospects are all part of a very large, copper-gold intrusion related, hydrothermal system.
- LEFD008 samples have been submitted to the lab for priority assay to fast-track results.
- The Company has acted immediately to advance this new discovery, with step-out hole LEFD009 underway.

Lefroy Exploration Managing Director, Wade Johnson stated;

"Burns is a new and unique style of intrusion-related, gold

(Au)-copper (Cu)-molybdenum (Mo)-silver (Ag) mineral system, hosted by Archean age rocks in the Eastern Goldfields Province (EGP) of Western Australia.

"The gold, copper, silver (and lesser molybdenum) mineralisation, which is hosted by multiple diorite-porphyry intrusives and high-magnesium basalt, is considered by the Company to be a new and unique style of gold-copper mineralisation.

"Lefroy is aiming to advance the understanding of the scale and genesis of this system through its current, deep, diamond drilling program. Three holes, LEFD006-008, have now been completed, with a fourth hole, LEFD009, currently underway."

To read the full news release, please click HERE

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.If you need clarification of any information contained in this note, or have any questions, I will be delighted to assist — Please email andrew@city-investors-circle.com

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