



# The Hawk copper-gold property

**A QUESNEL TROUGH ALKALIC COPPER-GOLD MINERAL SYSTEM**

## Cautionary Statements

*Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this presentation. Information provided is believed reliable however no assurance as to its accuracy, completeness or timeliness is represented herein. This presentation contains "forward-looking information" within the meaning of applicable securities laws, including statements that address capital costs, recovery, grade, and timing of work or plans at the Company's mineral projects. Forward-looking information may be, but not always, identified by the use of words such as "seek", "anticipate", "plan", "planned", "continue", "expect", "thought to", "project", "predict", "potential", "targeting", "intends", "believe", "opportunity", "further" and others, or which describes a goal or action, event or result such as "may", "should", "could", "would", "might" or "will" be undertaken, occur or achieved. Statements also include those that address future mineral production, reserve potential, potential size or scale of a mineralized zone, potential expansion of mineralization, potential type(s) of mining, potential grades as well as to Happy creek's ability to fund ongoing expenditure, or assumptions about future metal or mineral prices, currency exchange rates, metallurgical recoveries and grades, favourable operating conditions, access, political stability, obtaining or renewal of existing or required mineral titles, licenses and permits, labour stability, market conditions, availability of equipment, accuracy of any mineral resources, anticipated costs and expenditures. Assumptions may be based on factors and events that are not within the control of Happy creek and there is no assurance they will prove to be correct. Such forward-looking information involves known and unknown risks, which may cause the actual results to materially differ, and/or any future results expressed or implied by such forward-looking information. Additional information on risks and uncertainties can be found within Financial Statements, Prospectus and other materials found on the Company's SEDAR profile at [www.sedar.com](http://www.sedar.com). Although Happy creek has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking information, there can be no assurance that such information will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Happy creek withholds any obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, unless required by law.*

*\$ are US currency unless otherwise noted. "Diversified Metals Exploration" and the Company's logo and images are Marks of Happy Creek Minerals Ltd. All Rights Reserved. David E. Blann, P.Eng., a Qualified Person under NI-43-101 has approved the technical content of this presentation.*

# Management and Board of Directors

**David Blann, P.Eng, President, CEO, Director**

Mr. Blann has engaged in precious and base metal exploration, development and production stage projects for 30 years, having a background in mining engineering technology and geological engineering. He has experience as Director and VP Exploration for several Jr. public companies and is the founder of the Company in 2005.

**Richard Lee, CMA, Chief Financial Officer**

Mr. Lee has spent the past 30 years in public corporate accounting practice with and for publicly listed TSX companies, and has a wealth of financial, accounting and business experience. Mr. Lee has been involved with numerous startup companies in Canada and those registered with the SEC in the United States.

**Walter Segsworth, Director, Chair**

Walter Segsworth has over 40 years of experience in mining in Canada and overseas and has served as a senior officer of several mining companies including Westmin Resources, where he was President and CEO, and Homestake Mining Company, where he was President and COO. Mr. Segsworth is currently lead independent director of Pan American Silver and a director of Sabina Gold & Silver Corporation. Mr. Segsworth is past Chairman of both the Mining Associations of British Columbia (BC) and Canada and was named B.C.'s Mining Person of the year in 1996.

**Rodger Gray, Director**

Mr. Gray has over 20 years of experience as a stockbroker and officer of an IDA member firm. Mr. Gray is currently with Wellington-Altus Securities in Toronto, and was until recently, the President and Chief Executive Officer of Toll Cross Securities Inc., a Toronto-based, full-service broker dealer specializing in the junior resource sector. Mr. Gray has previously acted as a Director and Vice-President investment banking, institutional equities, with First Associates Investments Inc. and prior thereto as President of St. James Securities Inc. Mr. Gray is a graduate of Laurentian University.

**Paul Berndt, Director**

Mr. Berndt is a resource development executive with extensive experience in taking projects to production, in particular, tungsten projects. He has a background in mineral process engineering and over 45 years' experience. His expertise includes public company management roles, project development and process engineering as well as stakeholder relations. He has managed many small to medium-sized projects from conception to production, with attention to safety and sound environmental practices.

**Michael Cathro, P. Geo., Director**

Mr. Cathro's career includes exploration with major and junior resource companies and 17 years with the B.C. Ministry of Energy and Mines in technical and management roles. Mr. Cathro has served as VP Exploration and Director of several Jr. resource companies.



## LOCATION

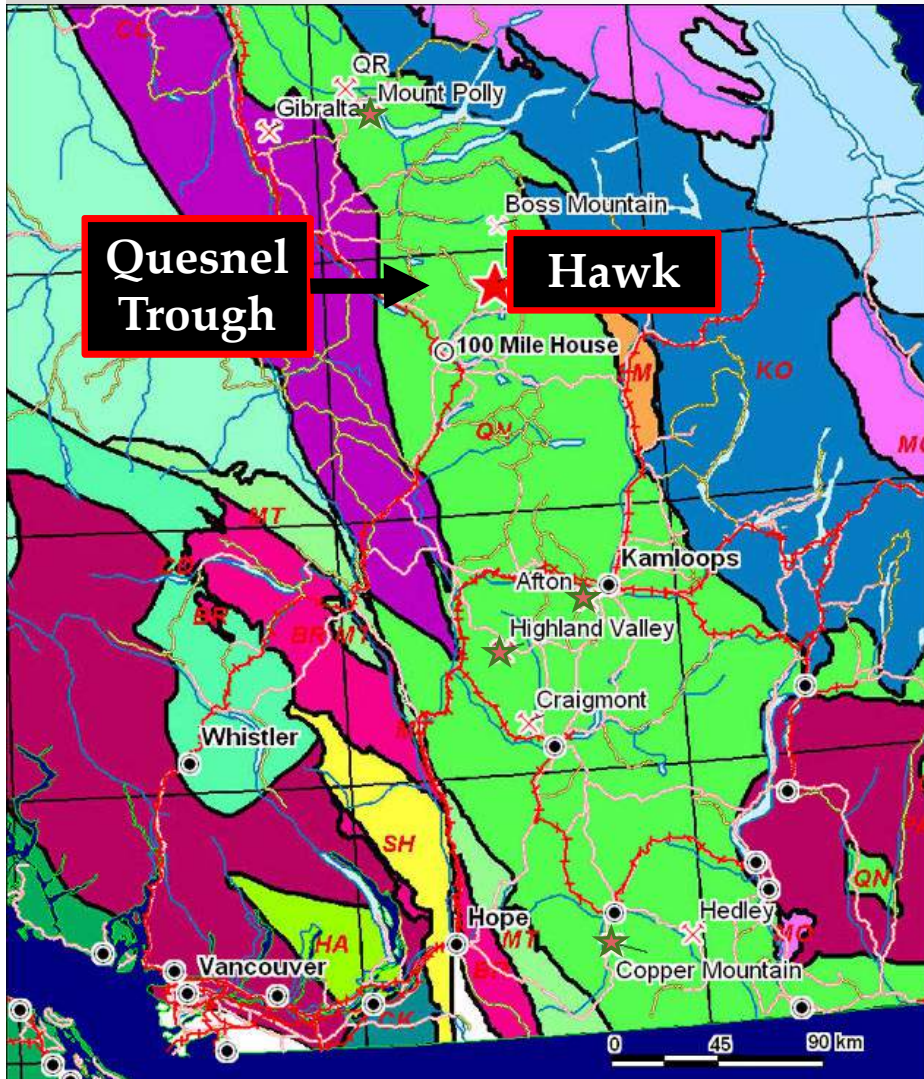
### Hawk Property Infrastructure

Roads   Power/Energy  
Rail   Water   Labour

- Proximity to existing mines
- Recent forestry, logging providing new access
- Hydropower close by
- Natural Gas 50 km away
- Town of 100 Mile House & Highway 97
- CN rail to eastern Canada or Pacific port at North Vancouver







## Regional geology and porphyry copper deposits of B.C.

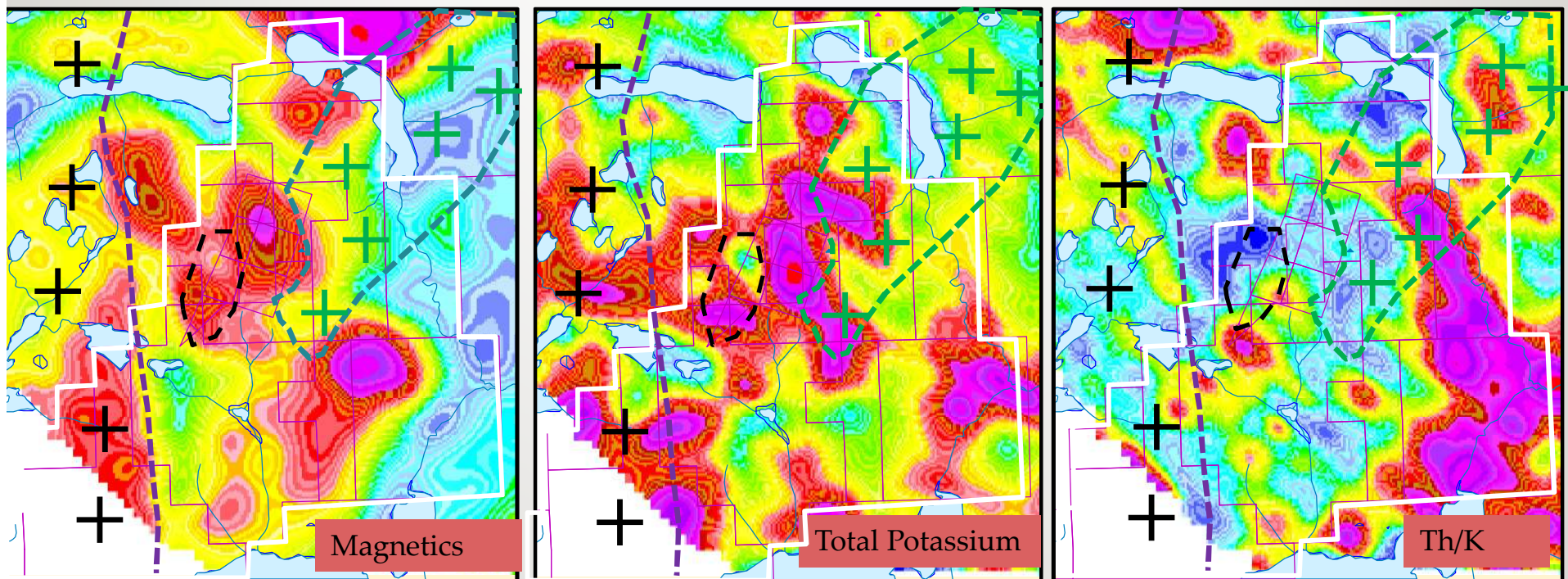
Quesnel trough hosts a large number of copper deposits and 4 operating mines shown.

The Hawk property is situated near the central axis of volcanic arc, top of volcanic pile, and cut by intrusive rocks of mafic to intermediate composition.





**Hawk Property Airborne Geophysical survey**



Takomkane  
Batholith EJr gd +

**Positive magnetics, potassium and Th/K signatures  
Similar to other alkaline copper-gold deposits in B.C.**

Tr-Jr Diorite +

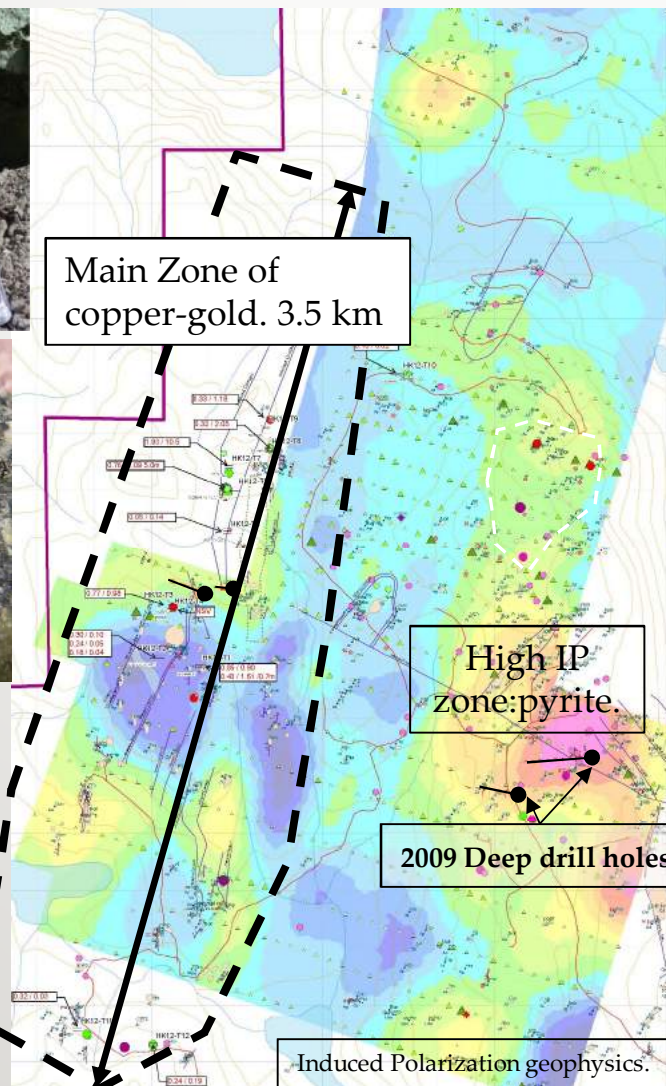
**uTr/Jr Nicola Group Island arc shoshonitic volcanics & sediments cut by diorite and granodiorite stocks and dykes. The Takomkane Batholith is slightly younger and forms the boundary on the western side.**





Volcanic calc-silicate, breccia and fractures with mainly bornite, chalcopyrite, magnetite veins and replacement. Albite, chlorite-epidote, k-feldspar occur.

Main Zone of copper-gold. 3.5 km



High IP  
zone:pyrite.

2009 Deep drill holes.

Induced Polarization geophysics.

Historical drilling.

Hole ID	Width	Cu%	Au g/t	Ag g/t
82-3	4.57	0.13	0.43	2.29
82-4	3.05	0.79	1.73	9.43
82-5	1.83	0.93	3.10	12.34
85-3	19.67	0.12	0.23	1.92
Incl:	4.50	0.27	0.42	4.2
97-02	9.1	0.09	0.134	N/A

Hole 97-02 intersected copper-gold values from the collar and is open in extent.

**Holes relatively short !**



Volcanic breccia- Intrusive clast rimmed with pyrite



Granodiorite dikes cut by quartz-pyrite +/- chalcopyrite



# HAPPY CREEK MINERALS LTD.

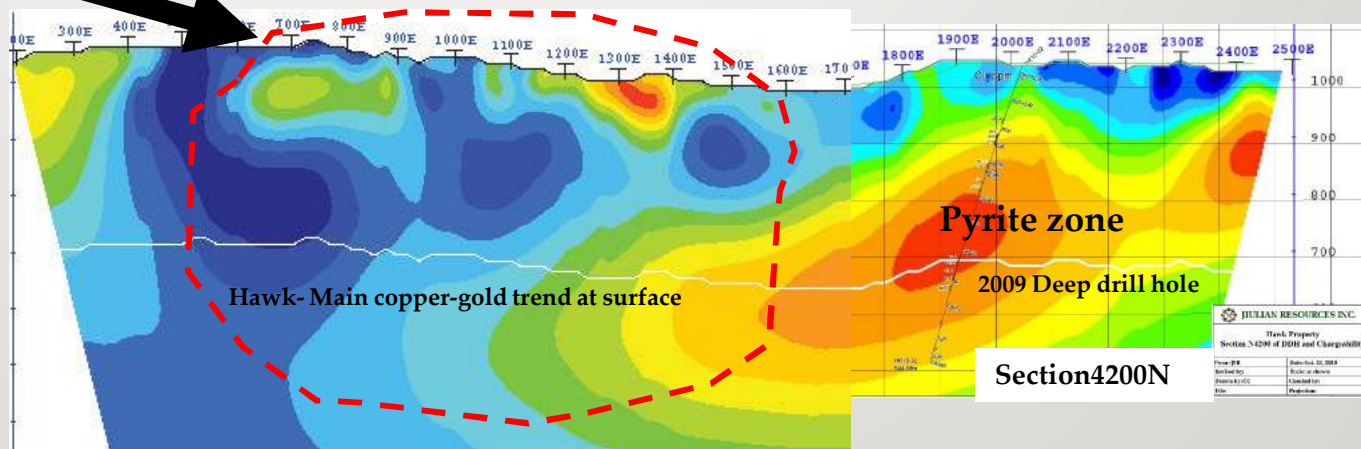
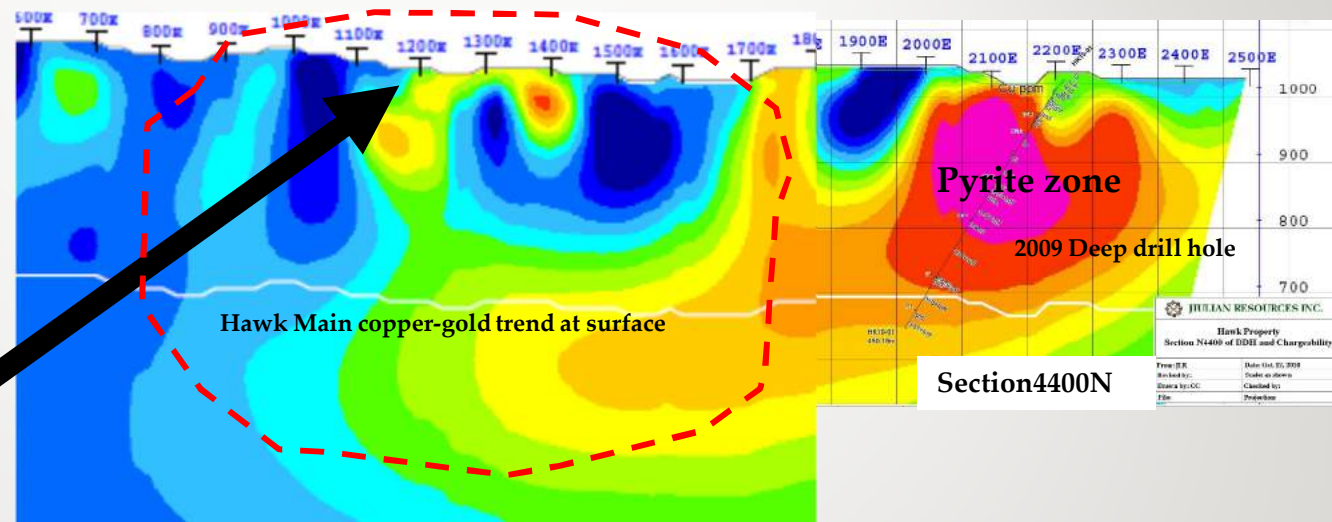
TSX-V:HPY

DIVERSIFIED METALS EXPLORATION

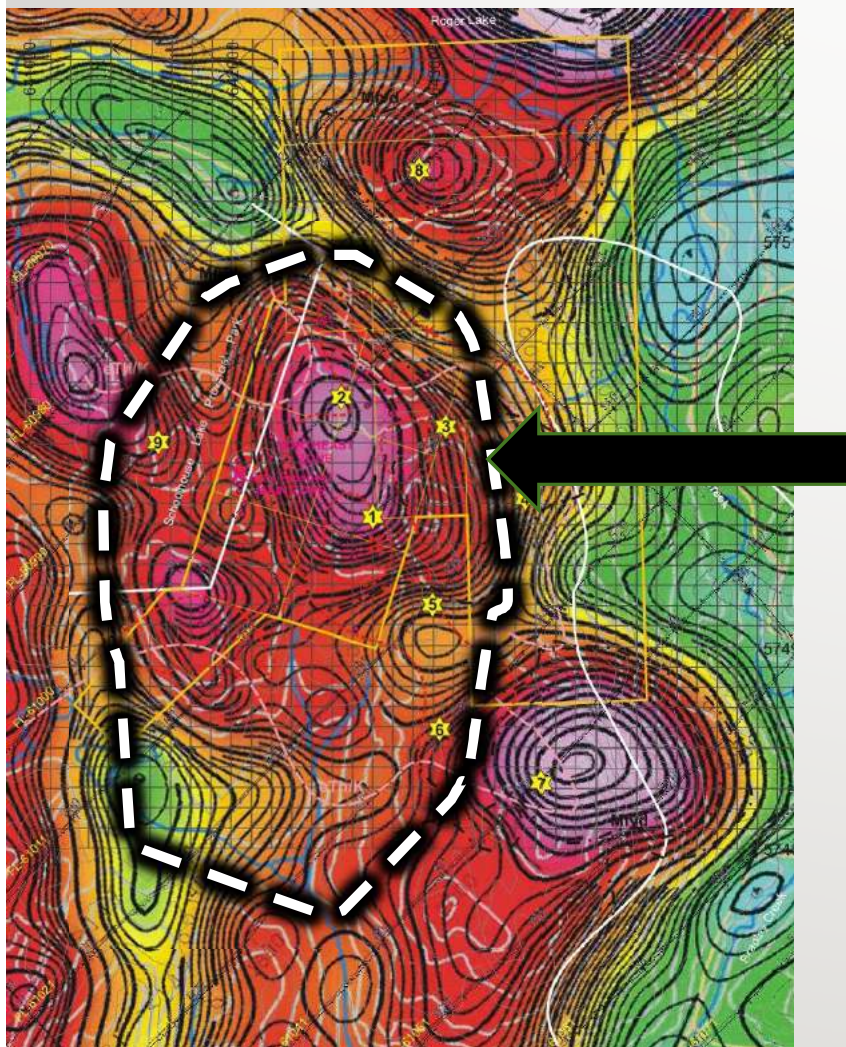
Hawk property  
I.P. chargeability-high drill tested in 2009

In 2009, Julian Resources drilled two holes into the high chargeability geophysics. Core shows its mainly **pyrite**, trace chalcopyrite in propylitic alteration. Samples returned up to 0.10% copper and 0.20 g/t gold- no sampling at end of holes.

Western zone is where most copper-gold values occur in surface samples







Airborne magnetic survey

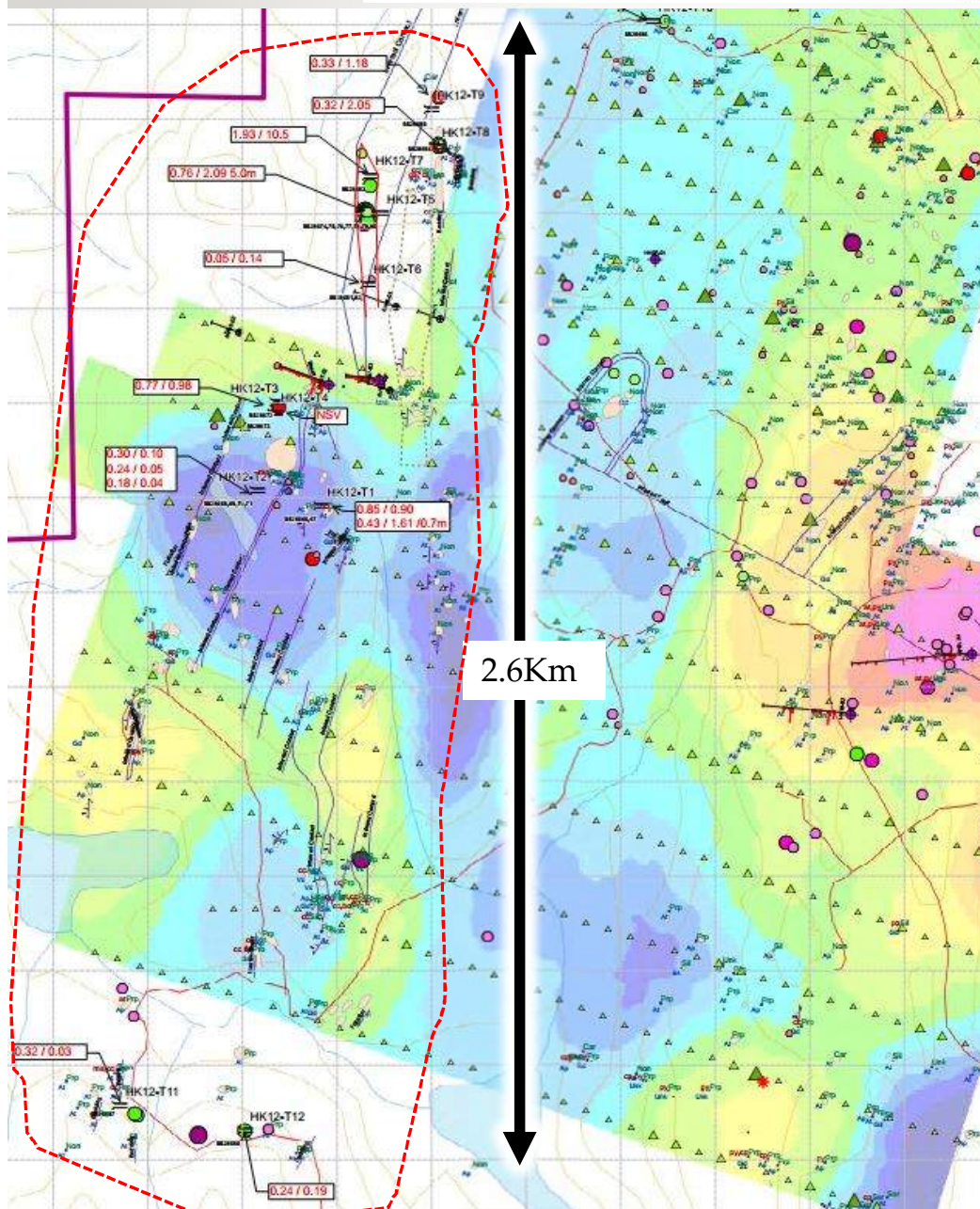
## Hawk property

Western Main zone is where most copper-gold values occur in surface samples. Moderate to strong **magnetite**.

### Surface sample highlights

Sample	Cu %	Au g/t	Ag g/t	Sample	Cu %	Au g/t	Ag g/t
HAWK 02							
DR3	4.53	18.01	105.7	151756	0.81	0.80	8.3
41577	0.71	1.11	9.1	151776	1.44	2.22	20.6
41583	0.44	0.71	4.2	151777	0.89	1.11	11.0
41589	0.60	2.86	6.5	151780	1.82	0.55	5.5
151639	0.40	0.47	3.7	151782	0.72	1.31	11.1
151640	2.49	3.06	25.7	151784	0.57	0.91	7.0
151643	2.57	3.30	29.6	151785	0.84	1.72	10.2
151644	1.85	3.25	24.4	184339	0.38	0.02	3.0
151646	1.38	0.28	8.4	184381	0.39	0.06	3.6
151647	0.65	0.37	2.5	184388	0.18	0.52	3.0
151648	0.62	0.21	3.3	184389	0.39	1.31	12.0
151689	0.53	2.55	8.0	184391	2.11	2.38	17.0
151690	2.17	5.35	15.0	HS-8	3.49	7.30	44.6
151753	0.98	0.64	9.2	HS-21	0.59	0.50	5.6
151754	0.32	0.77	5.8	HS-40	0.34	0.25	4.0
151755	0.52	0.78	8.8	5826	18.59	30.17	215.3





## Hawk property

Geology is consistent with B.C. porphyry copper-gold deposits.

Large scale target.

Surface samples contain high copper-gold grade

Excellent access and infrastructure

Low-cost exploration

7-8 drill holes to test

Opportunity for major discovery



## **Hawk property Summary**

**Located within the Quesnel Trough, host to several copper and copper-gold mines.**

**Trenches returned up to 5.0m of 0.76% copper, 2.07 g/t gold.**

**Surface samples contain up to 1.93% copper, 10.5 g/t gold, 18.6 g/t silver.**

**Wide-spread positive copper, gold silver values occur in veins, breccia and disseminated in propylitic, potassic alteration 3.5km by 1.5km in dimension.**

- **Next steps**

- Phase 1**

- Drill test 3.5 km X 1.5 km area with 7-8 diamond drill holes.**

- Cost \$ 400,000**

- Time 0.5 year**

# CONTACT

Happy Creek Minerals Ltd.

Suite 460-789 West Pender Street

Vancouver, B.C. Canada V6C 1H2

Email: [info@happycreekminerals.com](mailto:info@happycreekminerals.com)

Website: [www.happycreekminerals.com](http://www.happycreekminerals.com)

David Blann, P.Eng. President, CEO

James Berard, Corporate communication

Phone: 1-604-662-8310

Toll Free: 1-877-662-8310

**April 30 2019**

**Shares outstanding: 93,665,976**

**Warrants: 547,991 @ avg. \$0.30**

**Options: 5,600,000 @ avg. \$0.21**

**Year High: \$0.20**

**Year Low: \$0.11**