BCM Resources Corp

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Thompson Knolls - New Copper-Gold-Molybdenum Discovery in the Great Basin, Western Utah

January 30, 2025

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- Qualified Person: Rick Redfern, MSc Geology is the “qualified person” for the purposes of the National Instrument 43-101 Standards of Disclosure for Mineral Projects (NI- 43-101), and he has reviewed and approved the technical disclosure contained in this presentation.

BCM Resources: Management & Directors

Scott Steeds
Chairman of the Board of Directors
•Over 20 years of experience at large successful Venture Capital firms working with high-net-worth individuals and Institutional investors actively financing/investing in high-profile mineral exploration projects world-wide.

Dr. Sergei Diakov, PhD Economic Geology
President, CEO, and Director
•Extensive global expertise as exploration manager for Anglo American, AngloGold Ashanti, and BHP in the exploration and discovery of porphyry Cu-Au deposits.
•Assembled and led BHP exploration team to a discovery of Oyu Tolgoi porphyry Cu-Au-Mo deposit in Mongolia.
•Managed and led AGA exploration team for discovery of Nuevo Chaquiro porphyry Cu-Au deposit in Colombia.

Dale McClanaghan, MBA
CFO and Director
•Extensive experience in finance.
•Past CEO & President of Adrian Resources Ltd.
•Past CEO & President of Van City Enterprises Ltd.
•Former corporate banker with Bank of Montreal.

Darcy McKeown
Director
•President of PVL Group, President of NSD Inland Port, Owner/operator of Terrace Steel Works and Big River Distributors.
•Over 20 years of ownership and management experience in heavy industrial construction and all aspects of a construction business; working together with Newmont Mining, AltaGas, Cedar LNG and the development of NSD Inland Port.
•Extensive knowledge on business market trends and the ability to capitalize on opportunities to meet these needs.

Robert M. Ingram
Director
•Over 25 years of experience working in the financial sector.
•Combining expertise in Business Development and understanding of capital markets, Robert helped startup companies and successful businesses grow, prosper and realize their fullest potential.

BCM Resources: Technical Team

WORLD-RENOWNED EXPLORERS WITH PROVEN SUCCESSFUL DISCOVERY TRACK RECORD:

Dr. Sergei Diakov, MSc (Hons) Economic Geology and Mining Engineering, PhD Economic Geology, Associate Professor, Peoples' Friendship University, Moscow, Russia
•More than 30 years of global exploration expertise working for mining majors BHP, AngloGold Ashanti, and Anglo-American, leading exploration teams to discoveries of porphyry Cu-Au deposits.
•Two significant copper-gold porphyry discoveries: Oyu Tolgoi in Mongolia and Nuevo Chaquiro in Colombia.

John P. Schloderer, BA Geology, New York University, New York City, USA, MSc Geology, University of Arizona, Tucson AZ, USA
•Over 35 years of international mineral exploration experience and mineral property evaluations including 25 years with BHP and 3 years with Gold Fields.
•Participated in drill-out of Escondida porphyry copper deposit in Chile.
•Led resource definition drilling at Reko Diq porphyry, Pakistan with successful listing of the Tethyan Copper Company on the ASX with eventual sale to Barrick Gold/Antofagasta.

Rick Redfern, MSc Geology UCLA, USA, AIPG, QP
•Over 30 years of experience exploring for gold and copper for ABX and Homestake with Au and porphyry-type projects across the Southwestern US and Mexico.
•Discovered Moly Dome molybdenum porphyry deposit in northern Nevada.
•Worked on porphyry prospects in the Cananea district of Mexico, Highland Valley and Endako of B.C., Canada.

Octavio Urbina, BSc (Hons) Geology, University of Chile, Santiago, Chile
•Over 20 years of mineral exploration experience exploring for Cu and Cu-Au porphyries in Central Andes, IOCGs, precious metals epithermal system in Central and Southern Andes, including Deseado Massif in Argentina.
•Significant fieldwork experience in mapping, prospecting, and sampling.
•Experience in running diamond/RC drilling programs.

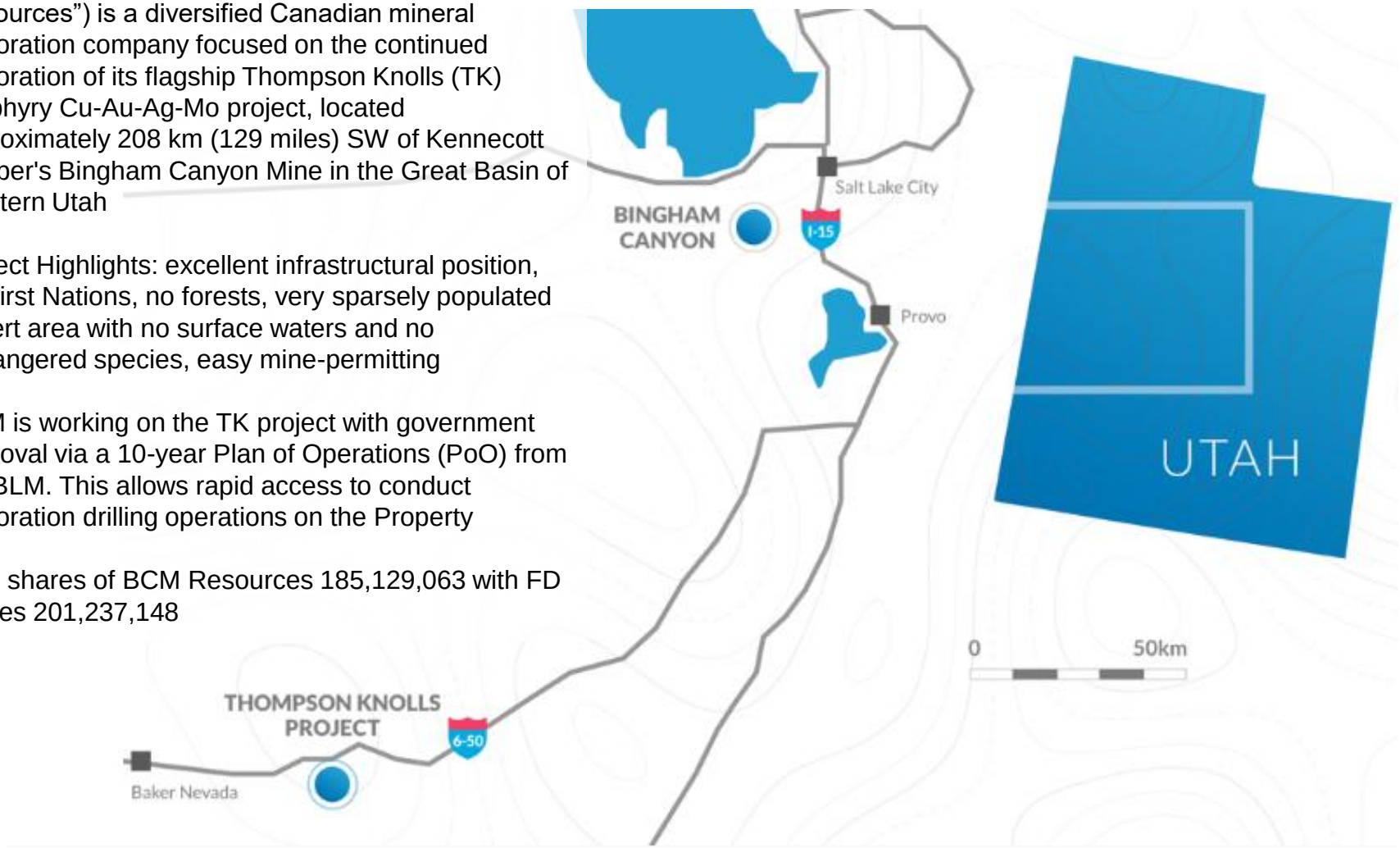
Thompson Knolls: General Introduction

- BCM Resources Corporation (Symbol "B", TSX-Venture Exchange), (“Company”, “B”, “BCM”, “BCM Resources”) is a diversified Canadian mineral exploration company focused on the continued exploration of its flagship Thompson Knolls (TK) Porphyry Cu-Au-Ag-Mo project, located approximately 208 km (129 miles) SW of Kennecott Copper's Bingham Canyon Mine in the Great Basin of Western Utah

- Project Highlights: excellent infrastructural position, no First Nations, no forests, very sparsely populated desert area with no surface waters and no endangered species, easy mine-permitting

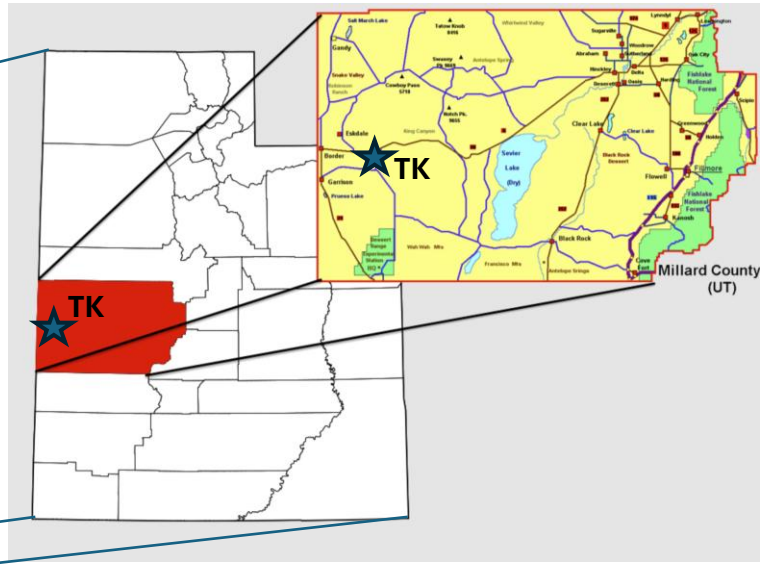
- BCM is working on the TK project with government approval via a 10-year Plan of Operations (PoO) from the BLM. This allows rapid access to conduct exploration drilling operations on the Property

- I/OS shares of BCM Resources 185,129,063 with FD shares 201,237,148



Geographic Location

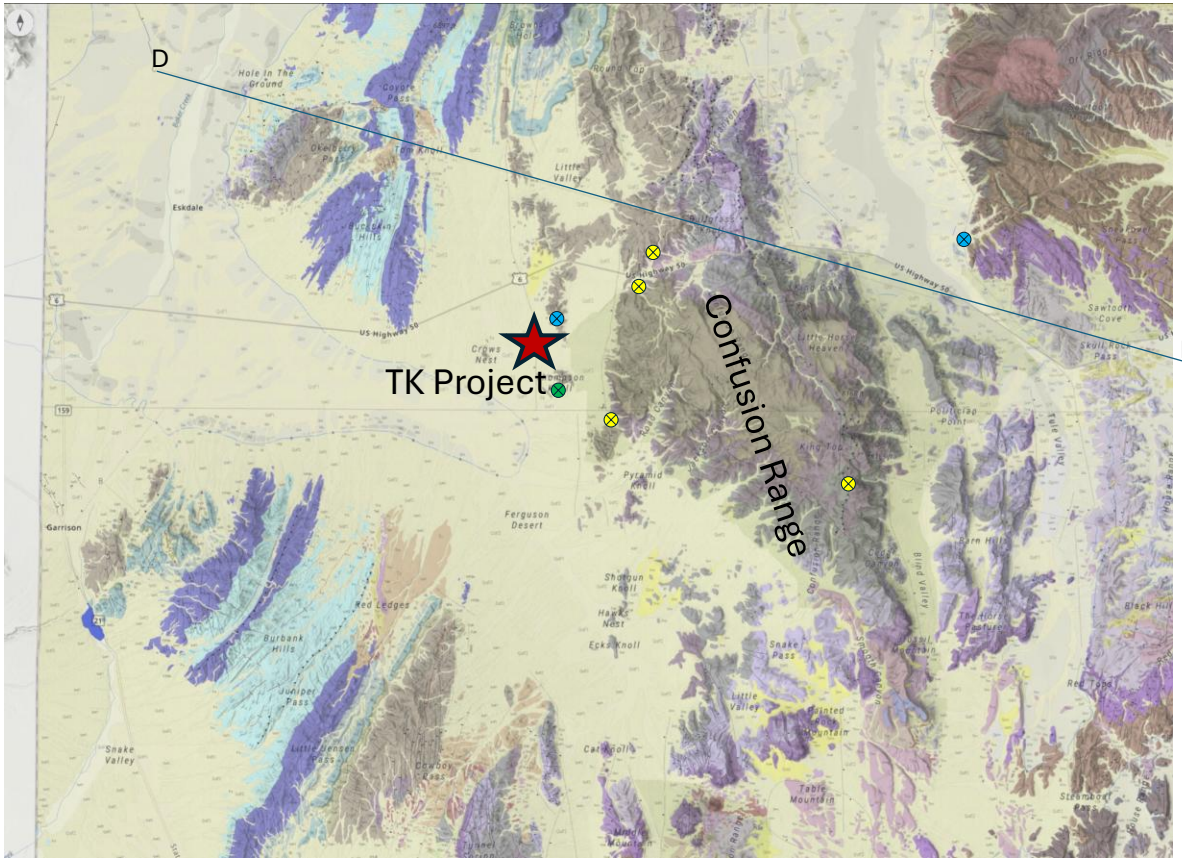
- Thompson Knolls is in Utah's Millard County, 28 km (17 miles) east of the Nevada-Utah border, 4 km (2.5 miles) south of Highway 6/50 – the "Loneliest Road in America"

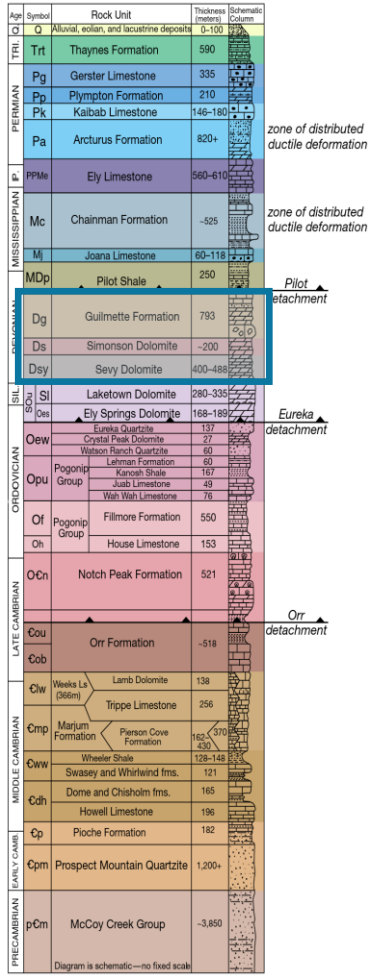


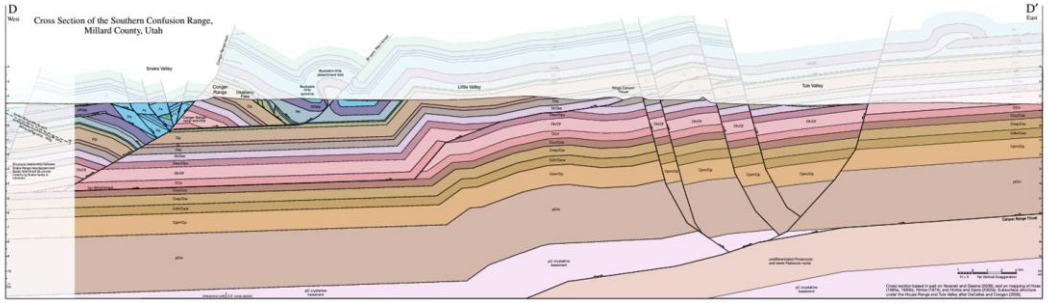
Regional Geology

- The TK Property lies west of the Confusion Range known for numerous outcropping gold-bearing jasperoids, including at the King's Canyon gold deposit ~8 km (5 miles) to NE of TK
- The Property ground is covered by post-mineral fanglomerates composed of products of weathered destruction, transportation, and deposition of various size debris from Devonian limestones and dolomites of the Confusion Range into the Ferguson valley
- Devonian age bedrock package is composed of carbonate rocks from top to bottom:
    - Guilmette formation limestones 792-853 m (2,600-2,800 ft) thick
    - Simonson formation dolomites 165-283 m (540-930 ft) thick
    - Sevy formation dolomites 396-488 m (1,300-1,600 ft) thick
- Dominant structures in the area are a complex of folds and cross-cutting subvertical faults of N-S and of NW-NE orientations with thrust faults
- Based on the regional geology and mineral prospects in the area, BCM refers to the mineral district area around TK as the Thompson Knolls District
- The Thompson Knolls District includes several gold-silver and base metal prospects located on the periphery of the TK Property
- Additional mineral prospects may be located within the limits of this mineral district

TK Regional Geology



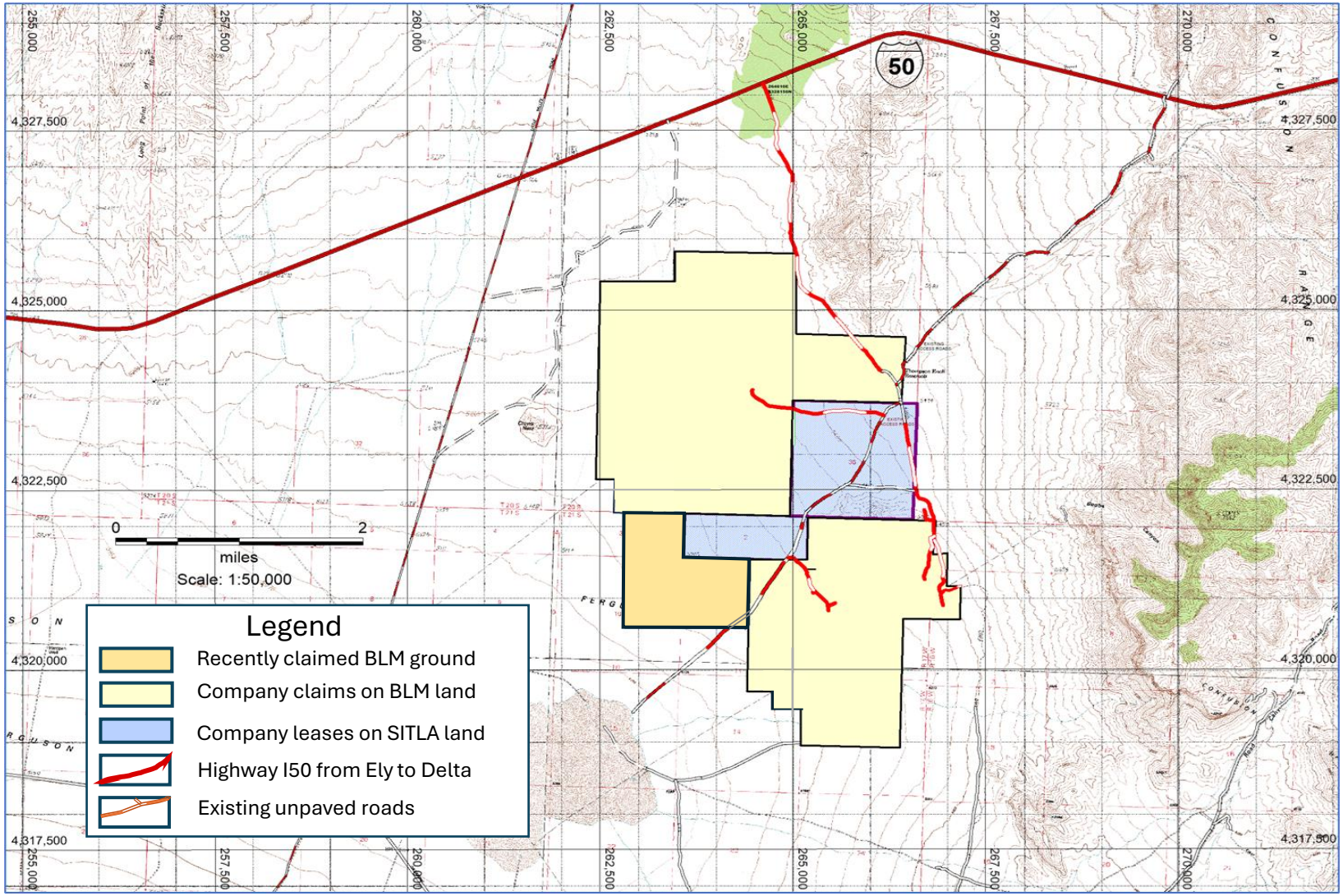




Legend

- TK Project location
- Gold-silver occurrences
- Base metal occurrences
- Copper occurrences

BCM's TK Landholdings



The TK Property comprises 225 BLM claims and 2 parcels of Utah State leased lands totaling 2,242 ha (5,540 acres)

Exploration History

- Exploration history started with a U.S. Geological Survey aeromagnetic survey conducted in 1972. The survey outlined a prominent magnetic “high” anomaly at TK, which led to the later formulation of a porphyry copper deposit model for this target area
- From 1989 to 1996, Crown Resources and Centurion Mines Corp. drilled 12 reverse circulation drillholes on and around the TK Property
- Drillhole CKC-96-10, located in southern portion of the TK Property referred to as the Discovery Knoll (“DK”) project area, showed 9.14 m (30 ft) intercept at 82 m (269 ft) depth that assayed 9.14 m (30 ft) @ 8.01 g/t Au including a 3.05-m (10-ft) interval @ 21.06 g/t Au. Below at 131 m (430 ft) depth same hole intercepted a 6.1-m (20-ft) interval of Cu-Ag mineralization @ 0.28 % Cu and 2.9 oz/t Ag
- Inland Explorations Ltd. originally established a ground position at Thompson Knolls in 2007 and expanded its claims in 2015 and 2022
- BCM Resources, through funding of exploration work at the Property, earned 51% of the TK Property from Inland Explorations Ltd. in 2022 by conducting a series of mapping, sampling, ground magnetics, and IP surveys, which later were supplemented by additional ground gravity, drone magnetics, AMT geophysics, and drilling
- Upon reaching 51% of TKP, BCM Resources and Inland merged in 2023, giving BCM 100% ownership of the Thompson Knolls Property

TKP Geophysical / Geological Data Integration

- BCM technical team compiled all historical geophysical data into 3D geophysical model
- Combined geophysical and geological drilling data with surface geology were used as base model for directing targeted drilling in highly mineralized parts of the TKP porphyry system
- RTP Mag:

Area 1

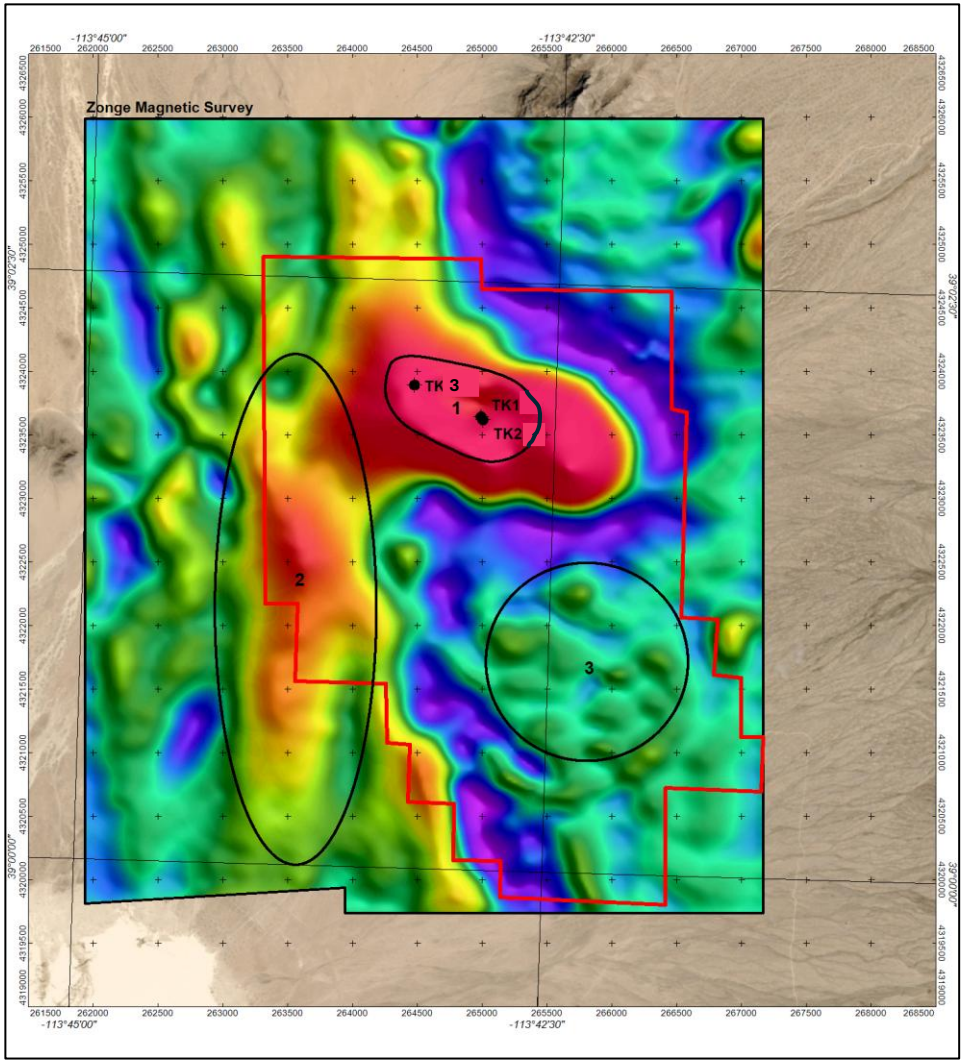
Depression in magnetic-high zone encompassing TK drilling

Area 2

Interpreted western extension of magnetic intrusive complex

Area 3

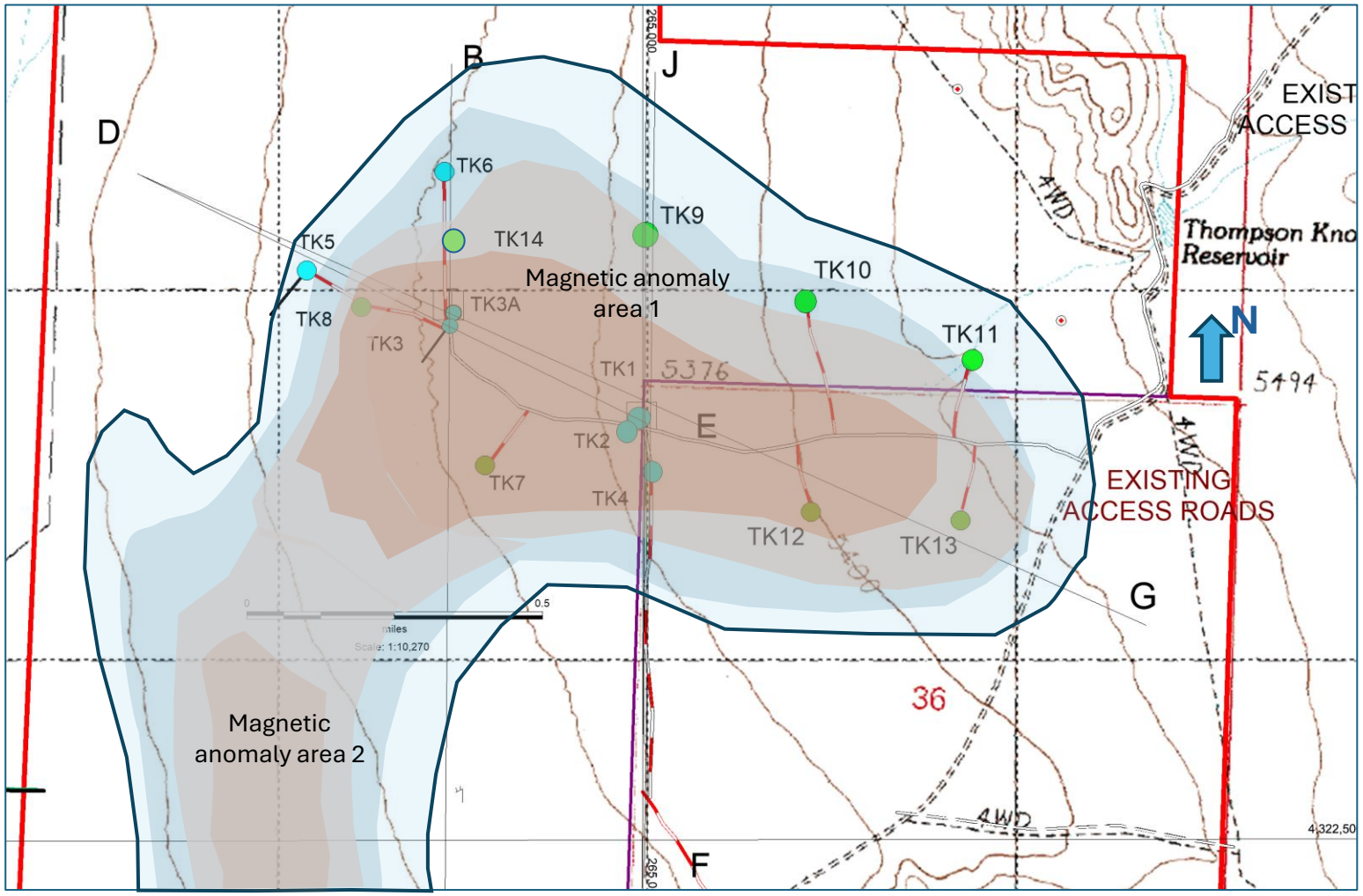
Buried low-magnetic intrusion at DK



Thompson Knolls Project Current Status

- “B” is on the hunt for an “Elephant-size” porphyry copper deposit in Utah, and TK is essentially a blind target
- The TKP Porphyry/Skarn system is buried under Fanglomerate cover of varying thickness
- “B” applied for and received a 10-year Plan of Operation drill permit from Utah BLM in 2023. Said permit allows the Company to use multiple drill rigs at any one time
- To date BCM Resources has conducted 3 phases of drilling with 12 drillholes, of which 7 delivered mineralized intercepts
- Phase 3 drilling resulted in the discovery of very encouraging Cu-Au-Ag mineralization in Drill Hole TK8, which returned **155.4 m (510 ft)** @ **0.66% Cu, 0.12 g/t Au, 7.4 g/t Ag,** including **21.3 m (70 ft)** @ **1.25% Cu, 0.2 g/t Au, 15 g/t Ag**
- Work is paused to assess what to do next with the goal of capital efficiency
- Company is leveraging technology, people, and process to vector into the TK Porphyry copper core and the Massive/proximal skarn. Recently completed geo-scientific analyses will significantly speedup that process

TK Phase 1, -2 and -3 Drillhole Locations



Drillholes completed in Phases 1 and 2

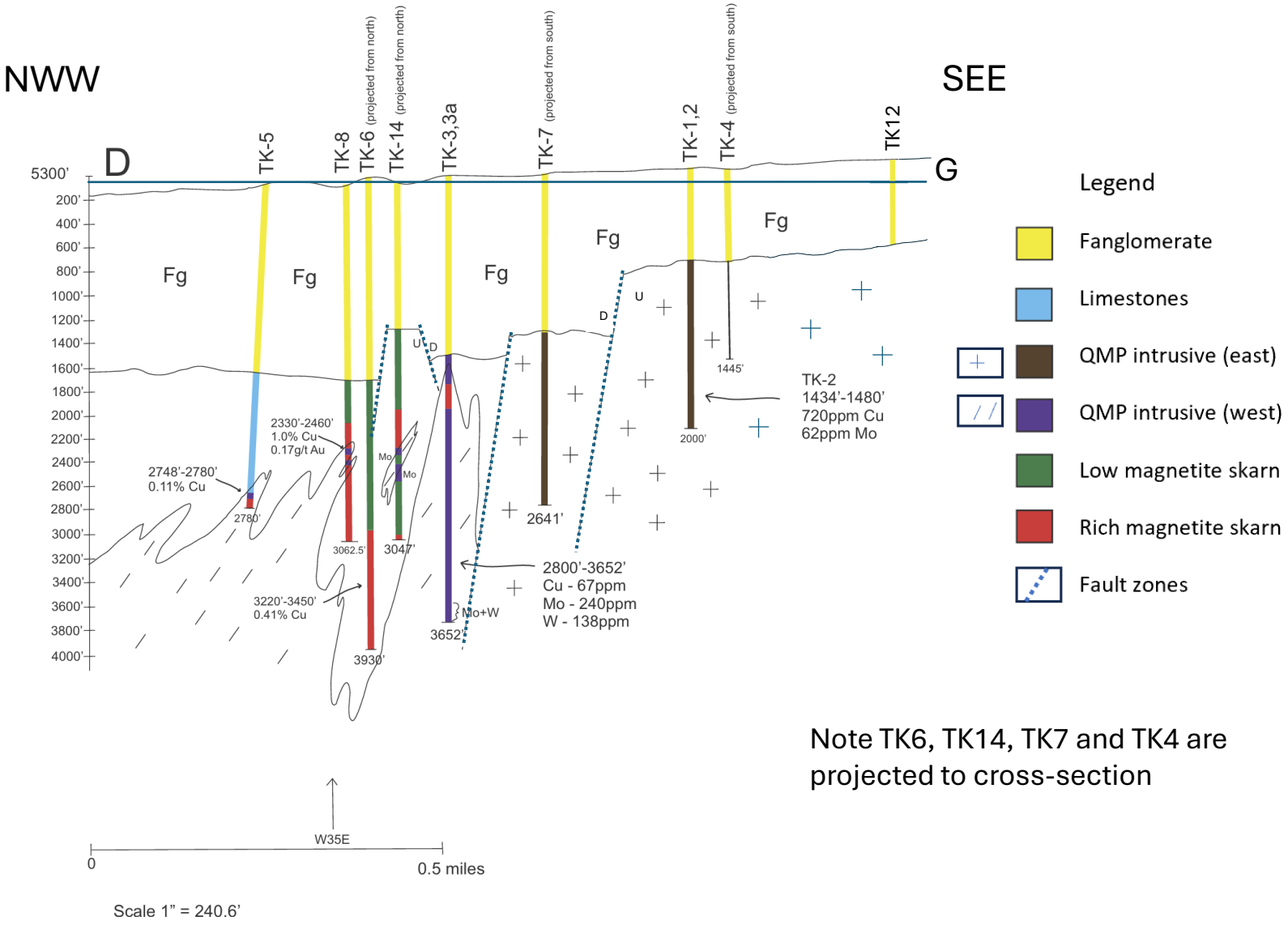
Phase 3 drillholes*

Magnetic anomaly areas 1 and 2

TKP property boundary

*Note: * TK11 and TK13 remain undrilled, TK12 is only partially drilled*

Longitudinal Section Line DG



Note TK6, TK14, TK7 and TK4 are projected to cross-section

Selected Images of Mineralized Core

Photo 1. Drill hole TK6 at 1,042.4 m (3,420 ft) depth. Sulfide-rich magnetite breccia in 70.1 m (230 ft) core interval of the “Eureka” skarn zone

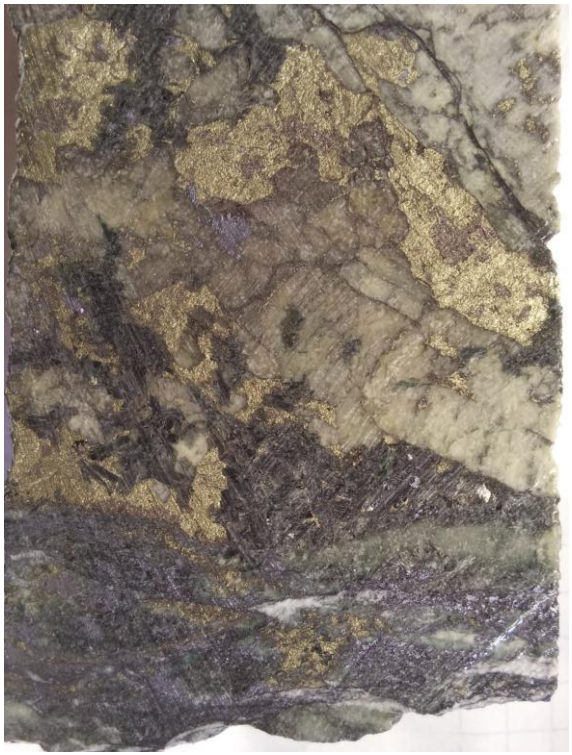


Photo 2. Drill hole TK6 a 9.1 m (30 ft) interval from 1,036.3 to 1,045.5 m (3,400 to 3,430 ft) that assayed 0.97% Cu, 0.14 g/t Au, 0.086% Mo

Selected Images of Mineralized Core

Photo 3. TK8 drill hole interval from 664.5-667.5 m (2,180 to 2,190 ft) with intense sulfide-magnetite brecciated marble skarn that assayed 1.05% Cu, 0.18 g/t Au, 0.005% Mo

Photo 4. TK8 drill hole 10-ft (3 m) interval from 676.7-679.7 m (2,220 to 2,230 ft) detail with massive sulfide-magnetite-diopside breccia skarn that assayed 1.32% Cu, 0.29 g/t Au, 0.002% Mo

Research Prelude

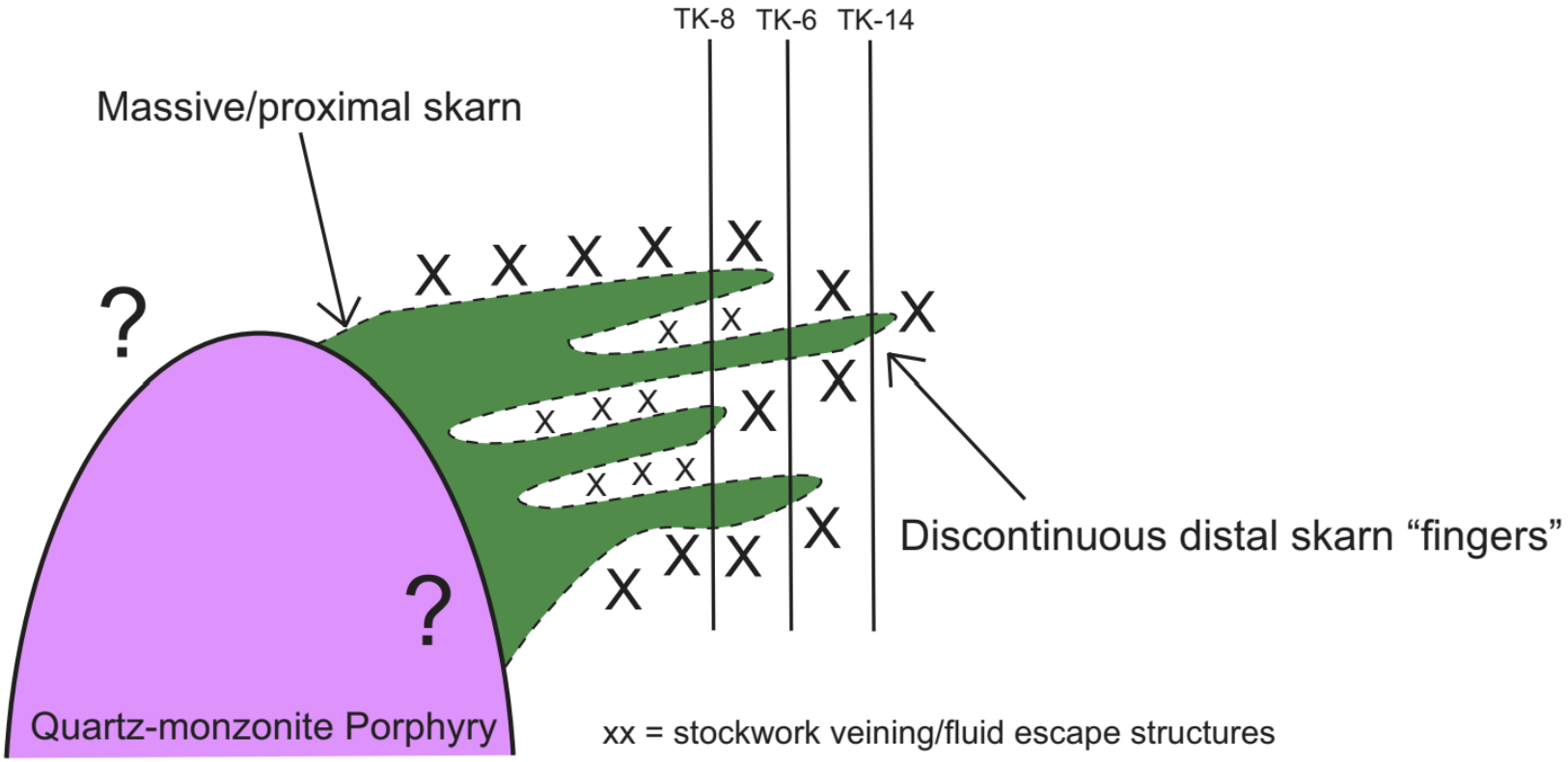
- In Summer 2023, BCM, together with Crescat Capital, became a part of the CASERM program at Colorado School of Mines (CSM)
- CASERM researchers: Dr. Mathias Burisch Hassel (CSM Associate Professor) and Chad Abarbanel (CSM MS Student) were assigned to review the TK core
- In April 2024, researchers visited the TK core shed in Garrison, Utah to examine the core (Drill Holes TK3, TK3a, TK5, TK6, TK8, TK9, and TK14) and take additional samples back to CSM for further analysis
- During core review, some inconsistencies were noticed in the original core logging of the skarn intervals. Decision was made to re-examine/re-log skarn and to begin building a comprehensive model that will significantly aid the BCM technical team to vector into the Copper core of the Skarn and Porphyry system in the Thompson Knolls Property – the primary target of the Company's exploration program
- In May-June 2024, extensive re-logging of the skarn intervals in the TK drill core was undertaken and completed. The updated core logs and additional samples were taken back to CSM for additional research (age dating and mineralogical studies)
- The skarn alteration intersected at Thompson Knolls shows a spatial mineralogical and geochemical variability that is useful as an exploration vector
- The geometry and mineralogy of skarn alteration intersected to date indicate that the Copper core has not been discovered yet

Core Re-Logging Summary

- The new logging data imply discontinuous skarn packages that are intersected in drill holes TK6, TK8, TK9 and TK14 as well as at the very bottom of TK5
- Intersected skarn intervals are represented mainly by distal skarn mineral assemblages of pyroxene and serpentine, whereas proximal skarn comprises pale red garnet and pyroxene indicative of closer distance to the center of the copper system
- Copper mineralization is mainly related to skarn alteration, which contains chalcopyrite, pyrrhotite, pyrite, minor magnetite in association with garnet, pyroxene and serpentine
- Most of the copper grades intersected to date, with only few exceptions, are spatially related to skarn zones
- Skarn alteration also is associated with veinlet- and stockwork zones that contain high abundances of Fe-Mn oxides, as encountered in drill holes TK8 & TK14
- Numerous aspects in the observed skarn mineral assemblages imply an intermediate to distal formation environment relative to the source of the hydrothermal ore fluid

Schematic Geological Model of the Thompson Knolls Porphyry/Skarn System

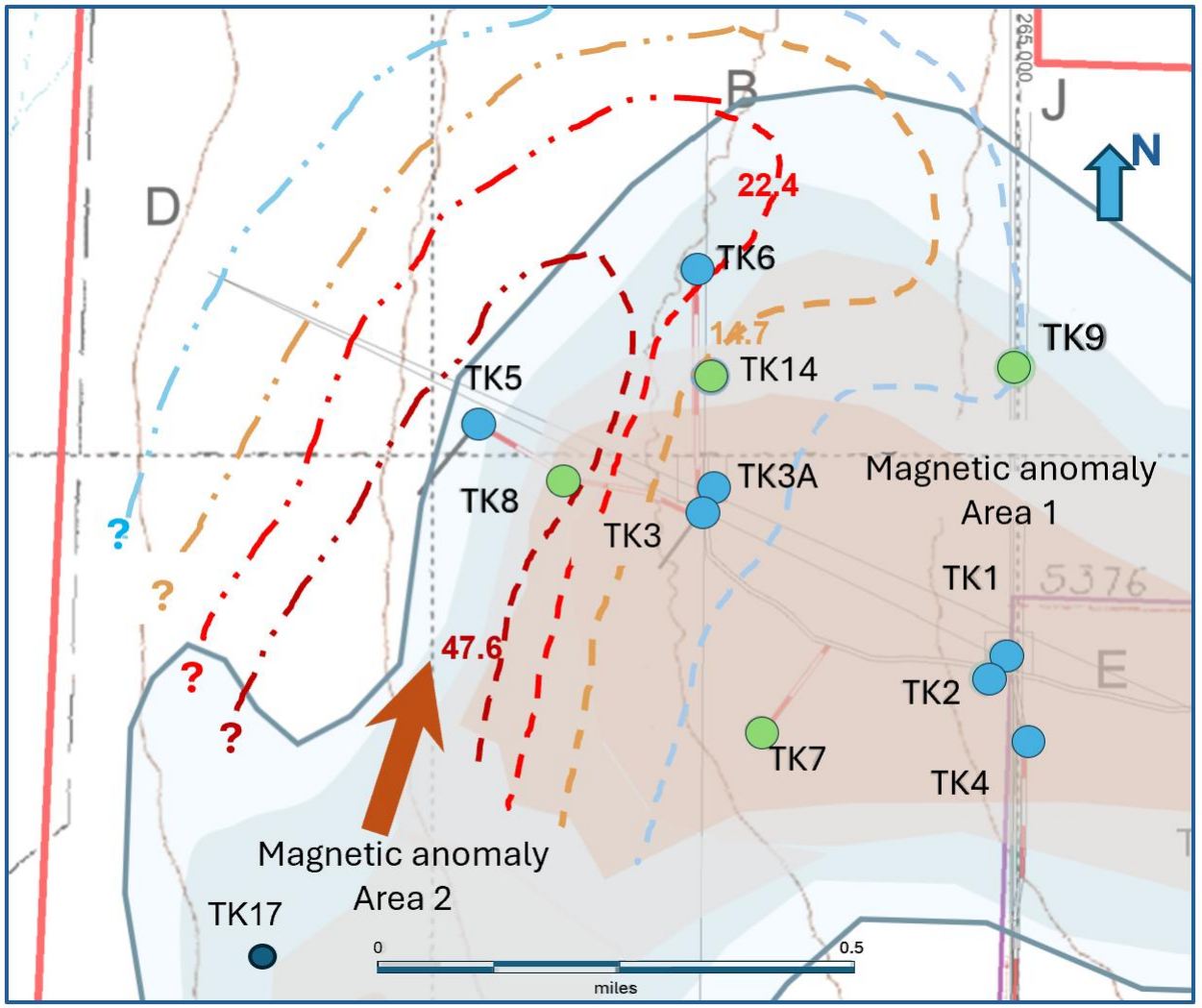
Looking NW



Research Results

- The geometry and mineralogy of skarn alteration intersected to date indicate that the Copper core of the Skarn and Porphyry system remains outside the area of recent exploration drilling
- Relatively high Cu grades associated with this intermediate-distal skarn is encouraging because the grade increases towards the source intrusion
- Holes TK8 and TK6 are prime examples of the proposed concept with significant Cu-Mo-Au mineral intercepts
- Researchers plotted Cu/(Pb+Zn) and (Cu+Bi)/(Pb+Zn+Mn) ratios for the intersected skarn intervals
- Higher values indicate a more proximal position to the source of the fluid rather than lower values
- Drill Holes TK8 and TK6 show distinctly higher weighted average Cu/(Pb+Zn) values compared to Drill Holes TK14 and TK9, indicating that their systematic values decrease with increasing distance from the fluid source
- Other observations such as the garnet/pyroxene ratio, fluid inclusion studies in pyroxene are consistent with this assumption

Our Interpretation



Legend

TK Mag anomaly

a b Base metal ratio isolines:
a) supported by drilling results
b) interpreted extensions

Vector of fluid movement

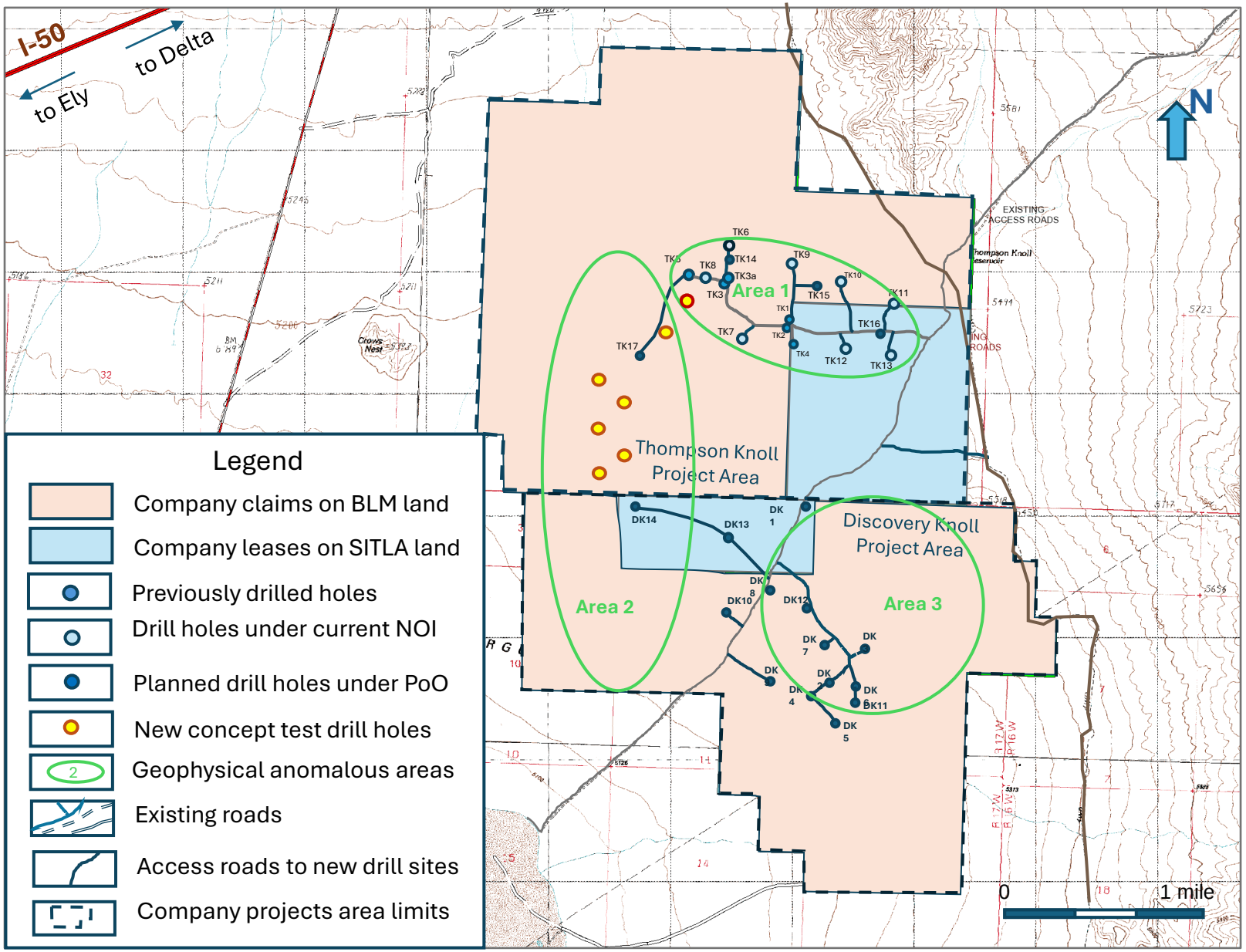
Conclusions & Recommendations

- The fluid migration pathways deduced from these observations could be from the SW to the NE, or from both the SW and N
- The most obvious scenario is that the fluids came from SW from the geophysical anomalous Area 2, hence this area deserves primary attention for follow-up exploration drilling
- Hole TK5 indicates a down-drop of the original geology and therefore any possible mineralization in the subsurface here is likely to be intersected deeper towards the west
- The porphyry “yolk” and massive/proximal skarn, main targets of BCM exploration drilling at Thompson Knolls, have not yet been reached
- Discontinuities and sub-horizontal geometry indicate that significant lateral fluid flow occurred at Thompson Knolls during porphyry and skarn mineralization
- Focus of the step-out drilling should be to the SW of Hole TK8 to test lateral continuation of the mineralized skarn
- Moving in the direction of fluids towards the main target could mean that most of the mineralized skarn and related porphyry could be deeper
- Researchers recommend drilling two new holes between TK8 and TK17, SW of TK8

Future Drilling Plans

- Company's vector path to the core of the TK mineralized system continues to be refined with each phase of drilling. After Phase 3 with more drilling data available we are now able to apply a more scientific approach in our exploration program
- Our focus will turn to drilling of SW extension within geophysical anomaly Area 2
- Initially as a concept confirmation, "B" plans to drill three new holes designed as a step out (two holes between TK8 and TK17, and one at TK17 proper)
- Successful results from those three new holes will support Company's plans to conduct further drilling delineation of mineralization in geophysical Area 2
- This next part of Phase 4 drilling program is designed in step-out drilling south of TK17 (between holes TK17 and DK14) in five widely spaced drill hole locations
- Proposed amount of drilling for Phase 4 is 12,192 m (40,000 ft) in eight drillholes in total with targeted depth 1,524 m (5,000 ft). Estimated average thickness of cover is 610 m (2,000 ft)
- A combination of RC/mud drilling through the cover and diamond drilling in the bedrock is planned for Phase 4 drilling program

Planned Drillholes Under Plan of Operations: Proposed Holes in Area 2



Future Exploration

- With the successful outcome of the proposed Phase 4 drill program delivering economic intercepts in skarn and porphyry mineralization, our focus will be directed at the western anomalous Area 2 with additional drill testing of its southern extension

- Anticipated economic intercepts in Phase 4 would significantly increase the value of the Thompson Knolls Project

- Upon success of the Phase 4 program, another phase of drilling will be warranted to delineate an ore body requiring additional drilling of 30 holes comprising an estimated total of up to 45,7200 m (150,000 ft) of drill work in Phase 5

- If Phase 5 is successful further additional in-fill exploration drilling at Discovery Knoll with metallurgical testing will be conducted in Phase 6 drilling program

- Our strategy is to capitalize on successful exploration drilling, building the Thompson Knolls Project into an economic Tier 1 porphyry copper-gold deposit, amenable for future development by major companies

- BCM Resources has identified additional attractive targets for Cu and Au-Ag at Discovery Knoll portion in the southern part of the Thompson Knolls Property also waiting for the right time to be drill tested

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For further information to this presentation please contact:

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