

THE KLAZA PROJECT

## Advancing a High-Grade Gold and Silver Deposit in Yukon, Canada

Rockhaven Corporate Presentation May 2025 TSX-V: RK

# FORWARD LOOKING STATEMENTS

• This presentation contains forward-looking information. Forward looking information contained in this presentation includes, but is not limited to, statements with respect to the estimation of inferred and indicated resources, the success of exploration programs and the results of the Klaza project PEA including statements about future production, future operating, development and capital costs, the projected IRR, NPV, payback period, and production timelines for the Klaza deposit. Forward-looking information may also include estimates, plans, expectations, opinions, forecasts, projections, guidance or other statements that are not statements of fact. Forward-looking information includes statements that are not historical facts and are generally, but not always, identified by the words "streamlined", "extensive", "-doubles", "confidence", "conventional", "proposed", "significant", unlocking", "value", "advanced", "prolific", "impediments", "potential", "expansion", "evaluation", "timeline", "development", ""high-greade", "similar to," and similar expressions, or that events or conditions "may", "should", or "probably" occur. Although the Company believes that the expectations reflected in such forward-looking statements are reasonable, it can give no assurance that such expectations will prove to have been correct. The Company cautions the actual performance will be affected by a number of factors, many of which are beyond the Company's control, and that future events and results may vary substantially from what the Company currently foresees. Discussion of the various factors that may affect future results is contained in their entirety by the cautionary statement.

Additional information about the 2020 Klaza property Preliminary Economic Assessment is summarized in Rockhaven's technical report with an effective date of July 10 2020 and titled, "Technical Report and Preliminary Economic Assessment Update for the Klaza Property, Yukon, Canada." which can be viewed at www.sedar.com under the Rockhaven profile or on the Rockhaven website at www.rockhavenresources.com. The Preliminary Economic Assessment ("PEA") is intended to be read as a whole and sections should not be read or relied upon out of context. The information in this presentation is subject to the assumptions, exclusions and qualifications contained in the PEA. See "Regulatory Information" at the end of this presentation. Investors should be cautioned that the preliminary economic assessment (PEA) is preliminary in nature, that it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized.

• The technical information in this presentation has been approved by Matthew R. Dumala, P.Eng., a geological engineer with Archer, Cathro & Associates (1981) Limited and qualified person for the purpose of National instrument 43-101.

• Intervals reported in this presentation represent the diamond drill hole sample length. True widths are estimated to be approximately 80-90% of the reported interval.

All figures in USD unless otherwise noted

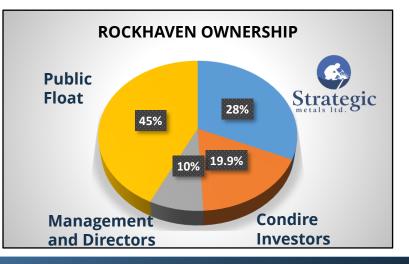
# CORPORATE SUMMARY

#### Management / Directors

Matt A. Turner, B.Sc. Manuel Estrada, B.Sc. Daniel Martino, CPA, CA Bruce A. Youngman, B.Sc. Loralee Johnstone Doug Eaton, B.A., B.Sc. Bradley J. Shisler, B.Sc., B.A., MBA Glenn R. Yeadon, B.Comm., LLB. Brad A. Thrall, B.Sc., MBA Rob C. Carne, M.Sc., P.Geo. Randall Thompson Stephen Quin B.Sc., P.Geo.

President, CEO and Director COO CFO Chairman and Director Director Director Director Director Director Technical Advisor Technical Advisor **Technical Advisor** 

SHARES OUTSTANDING:	292,803,137
SHARES FULLY DILUTED:	323,699,804
MARKET CAPITALIZATION:	C\$21,000,000
WORKING CAPITAL:	~C\$1,000,000
CORPORATE DEBT:	NONE



#### **Technical Committee**

# TECHNICAL COMMITTEE AND CONSULTANTS

Stephen Quin	40 years experience in the mining and exploration industry, including at
	the Minto Mine, the closest located mine to Klaza
Randall Thompson	Three decades on teams building and operating open pit and
	underground mining operations in Canada, Australia and Middle East
Manuel Estrada	Extensive experience in mining projects spanning the Americas
Brad Thrall	Co-founder and President of Alexco Resource Corp. and holds vast
	experience in mine permitting and development in the Yukon
Rob Carne	50 years of exploration experience, primarily in the Yukon
Doug Eaton	Over 50 years experience in exploration and public companies
Matt Turner	20 years exploration experience, including the past 12 years at Klaza <b>Technical Consultants</b>

#### Environmental



TUTCHONE ENVIRONMENTAL

Little Salmon Carmacks First Nation Citizen Owned/Operated Geological

ARCHER CATHRO

Metallurgical







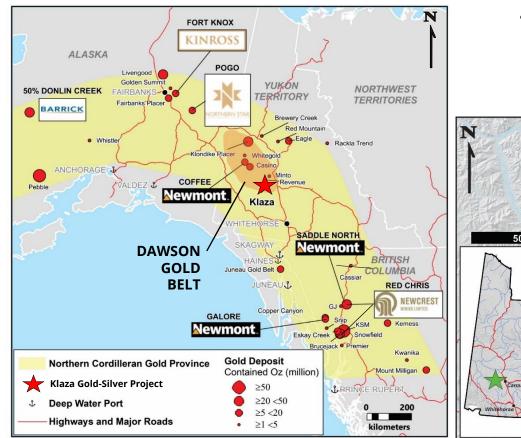
Tutchone Environmental technicians collecting water samples at Klaza

# **INVESTMENT HIGHLIGHTS**

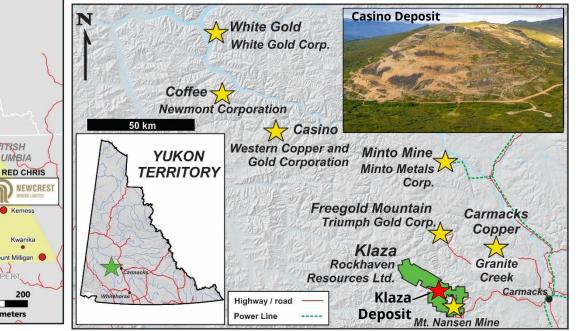
- Camp-scale, high grade gold and silver deposit in southern Yukon
- Klaza deposit is 100% owned, road accessible and royalty free
- The 2020 Klaza PEA returned a Post-Tax NPV(5%) of C\$378 million and an IRR of 37% (\$1,450/oz Au & \$17/oz Ag)
- Recent work has focussed on an updated resource estimation, mine sequencing studies, cost estimation and waste management design
- Extensive metallurgical test work and concentrate marketing has produced a streamlined conventional flow-sheet
- Pre-concentration test work ~doubles potential grade by rejecting >50% of initial feed

Investors should be cautioned that the preliminary economic assessment (PEA) is preliminary in nature, that it includes inferred mineral resources that are considered tao speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no exclusive that the preliminary economic assessment will be realized. For additional information about the 2020 Klaza property Preliminary Economic Assessment, please see Rockhaven's technical report with an effective date of July 10 2020 and titled, "Technical Report and Preliminary Economic Assessment Update for the Klaza Property, Yukon, Canada, "which can be viewed at www.schkavac.com under the Rockhaven profile or on the Rockhaven website at <u>www.schkavenressures.com</u>. 5

# NORTHERN CORDILLERAN GOLD PROVINCE

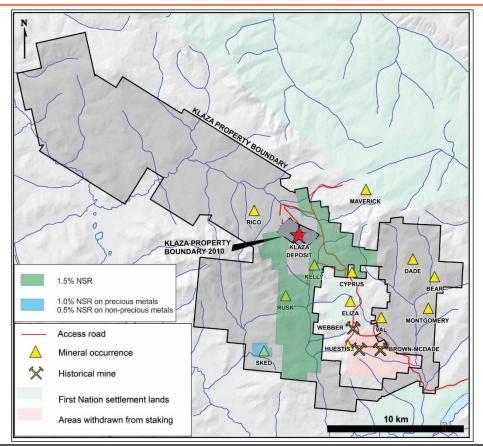


- Senior gold producers very active in the Northern Cordilleran Gold Province
- Klaza is the most accessible advanced gold deposit within the prolific Dawson Gold Belt



### **PROPERTY DETAILS**

- 100% owned by Rockhaven with no underlying royalties on claims covering the Klaza Mineral Resources
- Property covers 287 sq kms
- 1,273 of the total 1,478 claims are unencumbered by royalties or interests
- Claim ownership in the 'donut hole' is held by two private companies and Abandoned Mines (Mount Nansen)
- Valid Class III permits on all major exploration targets
- Approximately C\$55 million of exploration and acquisition costs incurred by Rockhaven (since 2010) at Klaza





### TSX-V:RK OTC:RKHNF

# Lands and Community

- The Klaza Deposit lies within the Traditional Territory of the Little Salmon Carmacks First Nation (LSCFN)
- Rockhaven signed an Exploration Benefits Agreement (EBA) with LSCFN in 2015 and works closely with the community to maximize employment and service contracting opportunities



2015 EBA Signing Ceremony - Former LSCFN Chief (now Director of Land and Resources for LSCFN) Eric Fairclough with Rockhaven's CEO Matt Turner

XKLAZ

Rockhaven

## **A GREAT LOCATION FOR A FUTURE MINE**

Aerial view looking north at the Klaza Deposit and surrounding exploration area

- Brownfield site in the Mt. Nansen Mining Camp
- Klaza is road accessible only 3.5 hr drive from Whitehorse
- Baseline environmental studies have been done around the deposit since 2011 and have not identified any serious impediments to permitting and development
- Located close to grid power

## **A GREAT LOCATION FOR A FUTURE MINE**

Aerial view looking north at the Klaza Deposit and surrounding exploration area

/Western / Central Klaza Zone

Western BRX Zone Central BRX Zone

2 km

Structurally-controlled, intermediate-sulphidation epithermal style mineralization hosted in veins and breccias

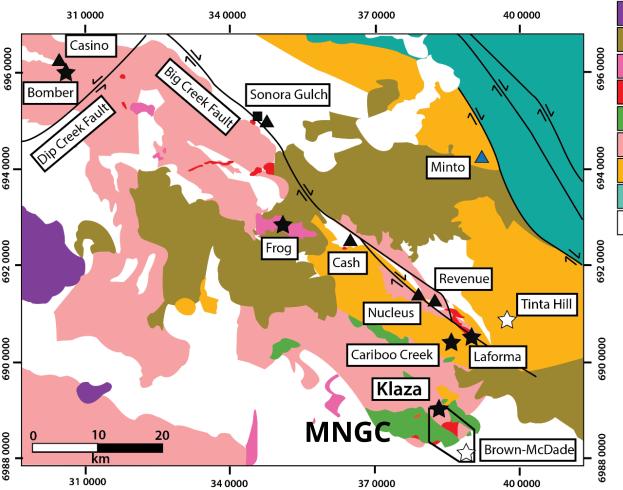
Eastern Zones

Deposits start at surface, extend up to 450 m down-dip and remain open to depth 10

# KLAZA – A HIGH-GRADE GOLD & SILVER EPITHERMAL DEPOSIT

- 14 high-grade gold and silver zones discovered at Klaza to date
- The camp-scale vein system spans an 8 km by 10 km area
- Good potential for resource expansion outside of the deposit area
- The veins contain sulphide minerals and have sharp contacts, making them favourable for ore-sorting

#### Regional Geologic Map of the mid- to Southern Dawson Range



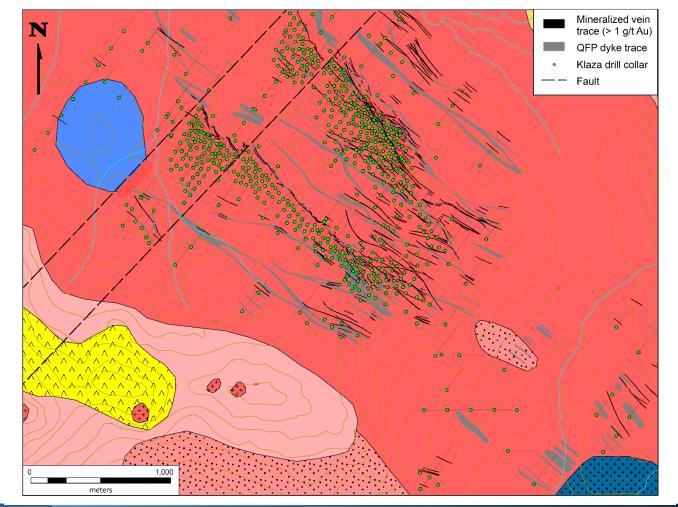
#### Legend

Porphyry Epithermal

Ruby Range suite (Tertiary) Carmacks group (late-Late Cretaceous) Prospector Mountain suite (late-Late Cretaceous) Casino suite (early-Late Cretaceous) Mt Nansen group (mid-Cretaceous) Whitehorse suite (mid-Cretaceous) Long Lake & Minto suite (Late Triassic to Early Jurassic Stikinia & Quesnellia Terrane (Paleozoic-Jurassic) Yukon-Tanana Terrane (Paleozoic) **Mineralization Age** Symbols Jurassic Fault Late Cretaceous  $\sqrt{}$  Shear sense Undetermined **Deposit Type** Skarn п

# Mineralized Structures

- Laterally continuous vein structures which cut all three suites in the deposit area
- Transitional sheeted veins to well constrained main structures (SE to NW); Western fault block highest grade
- Magnetic low
- Conductive
- Explored with 600 diamond drill holes totalling 130,000 m



For additional information about the 2020 Klaza property and the Klaza property Preliminary Economic Assessment, please see Rockhaven's technical report with an effective date of July 10 2020 and titled, "Technical Report and Preliminary Economic Assessment Update for the Klaza Property, Yukon, Canada." which can be viewed at www.sedar.com under the Rockhaven profile or on the Rockhaven website at www.rockhavenresources.com.

# **VEIN PARAGENESIS**



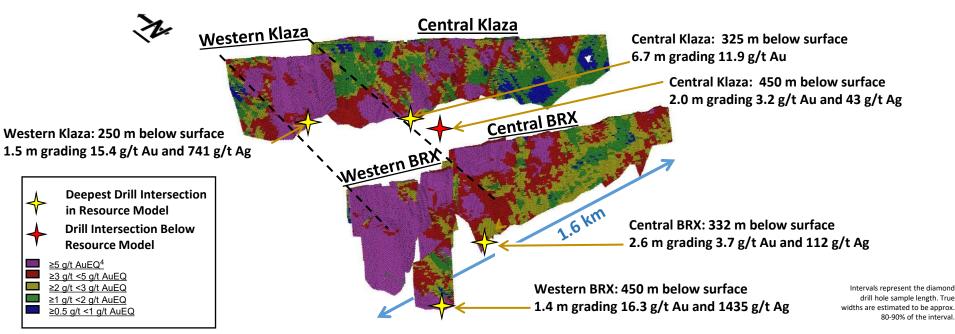
KL-14-182 183.89-184.71 m 14.60 g/t gold, 778 g/t silver, 3.14% lead and 1.36% zinc over 0.82 m





KL-17-398 119.62-126.16 m – 17.80 g/t gold, 257 g/t silver, 1.28% lead and 1.81% zinc over 6.54 m

# **KLAZA DEPOSIT MINERAL RESOURCES & BLOCK MODEL**<sup>1</sup>



				Gra	de			Contained Metal					
	<b>Tonnes</b> (kt)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	AuEQ <sup>4</sup> (g/t)	Au (koz)	Ag (koz)	Pb (klb)	Zn (klb)	AuEQ⁴ (koz)		
Indicated <sup>2,3</sup>	4,457	4.8	98	0.7	0.9	6.3	686	14,071	73,268	92,107	907		
Inferred <sup>2,3</sup>	5,714	2.8	76	0.6	0.7	3.9	507	13,901	77,544	89,176	725		

<sup>1</sup> CIM Definition Standards (2014) were used for reporting the Mineral Resources. Using drilling results to December 31, 2017. <sup>2</sup> Near surface Mineral Resources are constrained by an optimized pit shell at a metal prices of \$1,400/oz Au, \$19/oz Ag, \$1.10/lb Pb, and \$1.2! <sup>3</sup> Cut-off grades applied to the pit-constrained and underground resource are 1.0 g/t and 2.3 g/t AuEQ respectively

<sup>4</sup> Gold equivalent values for Mineral Resources assume \$1,400/oz Au, \$19/oz Ag, \$1.10/lb Pb, and \$1.25/lb Zn, and variable recoveries for the different metals.

In at an exchange rate of \$0.80 US to \$1.00 Canadian. See detailed slide in appendix with

nates include inferred Mineral Resources that are considered too speculative geologically to have economic considerations applied to them that would enable them to be categorized as Mineral Reserves.

# 2020 PEA HIGHLIGHTS

- NPV(5%) After-tax C\$378 m & Pre-tax C\$529 million (\$1450 gold, \$17 silver, CAD:USD 0.72)
- IRR 37% After-tax & 45% Pre-tax
- Leverage to \$1,740 gold After-tax NPV(5%) of C\$540 million and IRR of 49%
- Opex LOM cash costs of \$613/oz AuEq\* AISC of \$875/oz AuEQ\*
- Initial capex C\$244 million
- Head grade to mill (avg) 3.4 g/t Au, 79 g/t Ag, 0.6% lead and 0.7% zinc, for 4.4 g/t AuEq\*
- LOM 12-year production of 750,000 oz gold and 13.8 Moz silver

\*Gold equivalent values for mining purposes assume base case metal prices and recoveries are calculated using the following formula: AuEQ=1\*Au+Ag/107.75+Pb/3.93+Zn/4.45

• **Peak Production** - +100k oz AuEq per annum in years 3 to 7

Investors should be cautioned that the preliminary economic assessment (PEA) is preliminary in nature, that it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized. The Preliminary Economic Assessment ("PEA") is intended to be read as a whole and sections should not be read or relied upon out of context. The information in this presentation is subject to the assumptions, exclusions and qualifications contained in the PEA.

For additional information about the 2020 Klaza property and the Klaza property Preliminary Economic Assessment, please see Rockhaven's technical report with an effective date of July 10 2020 and titled, "Technical Report and Preliminary Economic Assessment Update for the Klaza Property, Yukon, Canada." which can be viewed at www.sedar.com under the Rockhaven profile or on the Rockhaven website at www.rockhavenresources.com.

# **KLAZA 2020 PEA MINE PLAN**

Open Pits: 1.2 Mt mined containing approximately: 90,000 oz gold, 1.3 Moz silver, 11.1 Mlbs lead, and 18.1 Mlbs zinc

<u>Central BRX UG</u>, 1.3 Mt mined containing approximately: 69,000 oz gold, 4.0 Moz silver, 25.6 Mlbs lead, and 26.4 Mlbs zinc

> Western BRX UG, 2.4Mt mined containing approximately: 419,000 oz gold, 6.7 Moz silver, 35.8 Mlbs lead, and 40.4 Mlbs zinc

<u>Central Klaza UG</u>, 1.8 Mt mined containing approximately: 171,000 oz gold, 3.6 Moz silver, 22.1 Mlbs lead, and 26.6 Mlbs zinc

Western Klaza UG, 0.7Mt mined containing approximately: 68,000 oz gold, 3.2 Moz silver, 6.6 Mlbs lead, and 8.8 Mlbs zinc

500 m

Investors should be cautioned that the preliminary economic assessment (PEA) is preliminary in nature, that it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized.

For additional information about the 2020 Klaza property and the Klaza property Preliminary Economic Assessment, please see Rockhaven's technical report with an effective date of July 10 2020 and titled, "Technical Report and Preliminary Economic Assessment Update for the Klaza Property, Yukon, Canada." which can be viewed at www.sedar.com under the Rockhaven profile or on the Rockhaven website at <u>www.rockhavenresources.com</u> 19

# 2024 Metallurgical Test Work

- Gold recoveries of 82% and silver recoveries of 85% (Table 1) were obtained using conventional flotation, producing three marketable concentrates for shipment to smelters, from the composite (MC-1) that is most representative of the majority of the current Klaza Mineral <sup>2</sup> Resources;
- The lead concentrate, which has the highest value of the three concentrates, returned assay grades averaging 210 g/t gold, 4,997 g/t silver and 61.6% lead;
- The arsenopyrite concentrate returned average grades of 112 g/t gold and could be shipped off-site to a smelter; and,
- Dense media separation test work (Table 2) returned high metal recoveries to a 50% mass pull and is expected to be included in future mineral resource and economic studies.

		Aver	age Con	centrat	e Grad	es	ge Re	ge Recoveries					
	Mass	Au	Ag	Pb	Zn	As		Au	Ag	Pb	Zn	As	
	%	g/t	g/t	%	%	%		%	%	%	%	%	
Lead	0.9	210	4,997	61.6	2.9	2.3		32	57	83	-	-	
Zinc	1.6	23	1,156	1.3	55.6	0.6		6	25	-	87	-	
Arsenopyrite	2.2	112	112	0.5	0.7	30.0		44	3	-	-	79	
							Project Wide Total:	82	85	83	87	79	

#### Table 1: Cleaned Concentrate and Average Grades from MC-1

	Mill Feed in PEA Feed Grades Average Recoveries						eries			
	t	Au	Ag	Pb	Zn	Mass	Au	Ag	Pb	Zn
	%	g/t	g/t	%	%	%	%	%	%	%
Western BRX	32	7.9	92.2	0.60	0.68	50.0	99.0	98.4	97.4	94.7
Central Klaza	38	5.0	53.8	0.37	0.63	50.0	97.7	97.5	95.8	94.6
Western Klaza	11	1.7	99.1	0.24	0.19	32.8	78.9	89.3	92.2	81.6
Central BRX	19	0.7	25.5	0.23	0.37	50.0	94.2	96.9	98.2	96.6
Eastern BRX*	0	1.8	29.2	0.11	0.26	50.0	94.6	96.7	96.9	93.4

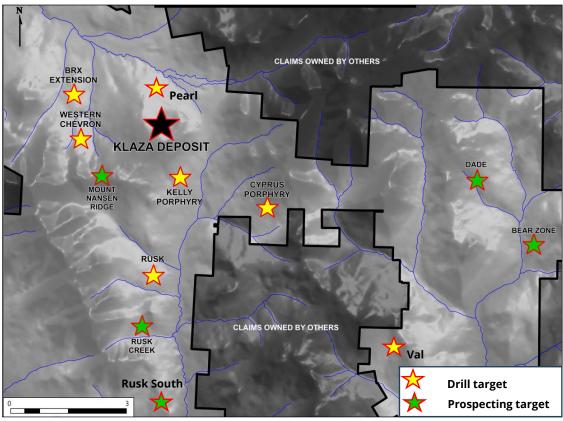
For additional information about pre-concentration test work, please see Rockhaven Press Release dated May 6, 2024 and which can be viewed at www.sedar.com under the Rockhaven profile or on the Rockhaven website at www.rockhavenresources.com.

### **REGIONAL DRILL TARGETS**

Both regional drill and exploration targets are similar to Klaza before work started in 2010.

**Regional drill targets include:** 

- Rusk High-grade vein complex 3 km south of Klaza Deposit
- Kelly Porphyry Geochemical vectors point north of where drilling was last done in 2021
- Pearl Widely spaced drilling shows good results on structure immediately north of Klaza Deposit
- Val Geophysical and known vein structures north of historical Mount Nansen Mine and adjacent to productive placer gold operation

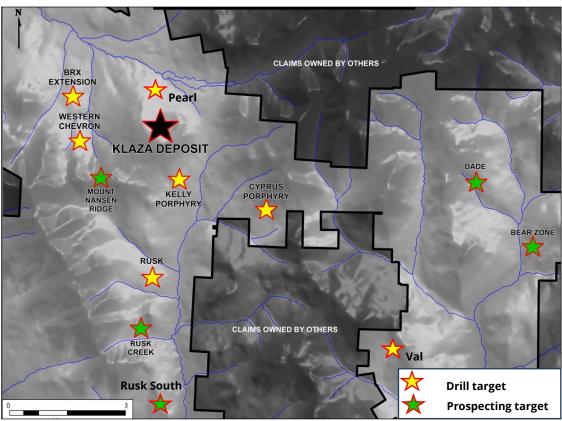




## **REGIONAL EXPLORATION TARGETS**

Regional exploration work will focus on four main targets:

- Rusk Creek Porphyry potential in target area that hosts broad coppermolybdenum-lead-zinc-silver soil anomaly including a large kill zone
- Rusk South New area identified hosting anomalous multi-element soil anomalies (up to 44 g/t silver)
- Dade and Bear Zone High-grade gold at targets that may be related along the same mineralizing corridor
- Mount Nansen Ridge Large, continuous arsenic soil geochemical anomaly 2 km south of the Klaza deposit







### **2020 DISCOVERIES AT THE RUSK TARGET**

2020 Drill Highlights\* from the Rusk Target Include:

16.35 g/t gold, 321 g/t silver, 1.98% lead and 1.01% zinc over 0.63 m 16.15 g/t gold, 581 g/t silver, 2.06% lead and 1.26% zinc over 0.50 m 2.10 g/t gold, 657 g/t silver, 12.98% lead and 6.17% zinc over 1.00 m 2.05 g/t gold, 129 g/t silver, 2.29% lead and 4.67% zinc over 5.65 m 4.43 g/t gold, 1230 g/t silver, 0.51% lead and 0.41% zinc over 0.70 m 1.42 g/t gold, 30.7 g/t silver, 0.48% lead and 0.60% zinc over 9.80 m 7.08 g/t gold, 884 g/t silver, 5.37% lead and 5.79% zinc over 0.50 m

\*See Rockhaven Press Release dated January 13, 2020



Rockhaven's President and CEO Matt Turner inspects the first veins from drilling at the Rusk Target in August 2020. Over twenty additional veins were intersected across the drill fence.

### TSX-V:RK OTC:RKHNF

## Rusk Exploration Area

Discovery Creek Placer Mine Multi-Element Soil Multi-Element Anomaly Geochemical Anomaly Ansen Creek Placer Mine

No soil geochemical samples collected in valley bottom

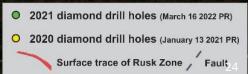
Drill hole	Width (m)	Au (g/t)	Ag (g/t)	AuEQ (g/t
470	9.80	1.4	31	2.0
471	5.65	2.0	129	5.1
523	2.26	5.0	336	10.8
542	7.90	2.2	43	3.1
558	6.73	1.1	56	1.9
559	5.32	2.2	69	3.5
560	8.72	1.2	20	1.6

+ Represents the diamond drill hole or trench sample length. True widths are estimated to be approximately 80-90% of the interval.



/ 468

Multi-Element Soil Geochemical Anomaly



Rockhaven's highly experienced technical team recommends the following plan for 2022-25:

# 2022-25 PLAN & TIMELINE

- ~12,000 m diamond drill program completed to infill and expand resources, maximizing the value of indicated resources (COMPLETED)
- Advanced metallurgical testing (IN PROGRESS), including a comprehensive evaluation of ore sorting techniques (COMPLETED)
- Updated resource estimation, mine sequencing studies, cost estimation and waste management design (IN PROGRESS)
- Updated economic study (IN PROGRESS)

