

# The Klaza Project: High-Grade Gold and Silver in Canada's Yukon

Corporate Presentation

August 2021

TSX-V: RK



  
**Rockhaven**  
RESOURCES LTD.

*Certain information contained herein may constitute forward-looking statements within the meaning of applicable securities laws. Forward-looking statements may include estimates, plans, expectations, opinions, forecasts, projections, guidance or other statements that are not statements of fact. 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 the Company's Annual Report which is available at [www.sedar.com](http://www.sedar.com). The Company's forward-looking statements are expressly qualified 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](http://www.sedar.com) under the Rockhaven profile or on the Rockhaven website at [www.rockhavenresources.com](http://www.rockhavenresources.com).*

*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.*

*All figures in USD unless otherwise noted*

## Management / Directors / Advisors

<b>Matt A. Turner, B.Sc.</b>	<b>President, CEO and Director</b>
<b>Manuel Estrada, B.Sc.</b>	<b>COO</b>
<b>Larry Donaldson, CA</b>	<b>CFO</b>
<b>Bruce A. Youngman, B.Sc.</b>	<b>Chairman and Director</b>
<b>Rob C. Carne, M.Sc., P.Geo.</b>	<b>Director</b>
<b>Doug Eaton, B.A., B.Sc.</b>	<b>Director</b>
<b>Bradley J. Shisler, B.Sc., B.A., MBA</b>	<b>Director</b>
<b>Glenn R. Yeadon, B.Comm., LLB.</b>	<b>Director</b>
<b>Randall Thompson</b>	<b>Technical Advisor</b>
<b>Stephen Quin B.Sc., P.Geo.</b>	<b>Technical Advisor</b>

<b>SHARES OUTSTANDING:</b>	<b>208,036,470</b>
<b>SHARES FULLY DILUTED:</b>	<b>251,567,729</b>
<b>MARKET CAPITALIZATION:</b>	<b>C\$22,000,000</b>
<b>WORKING CAPITAL:</b>	<b>~C\$2,700,000</b>
<b>CORPORATE DEBT:</b>	<b>NONE</b>

As of August 2021

## TOP SHAREHOLDERS



**Insiders**

**69 million  
shares- 33%**  
  
**19.6 million  
shares- 9%**

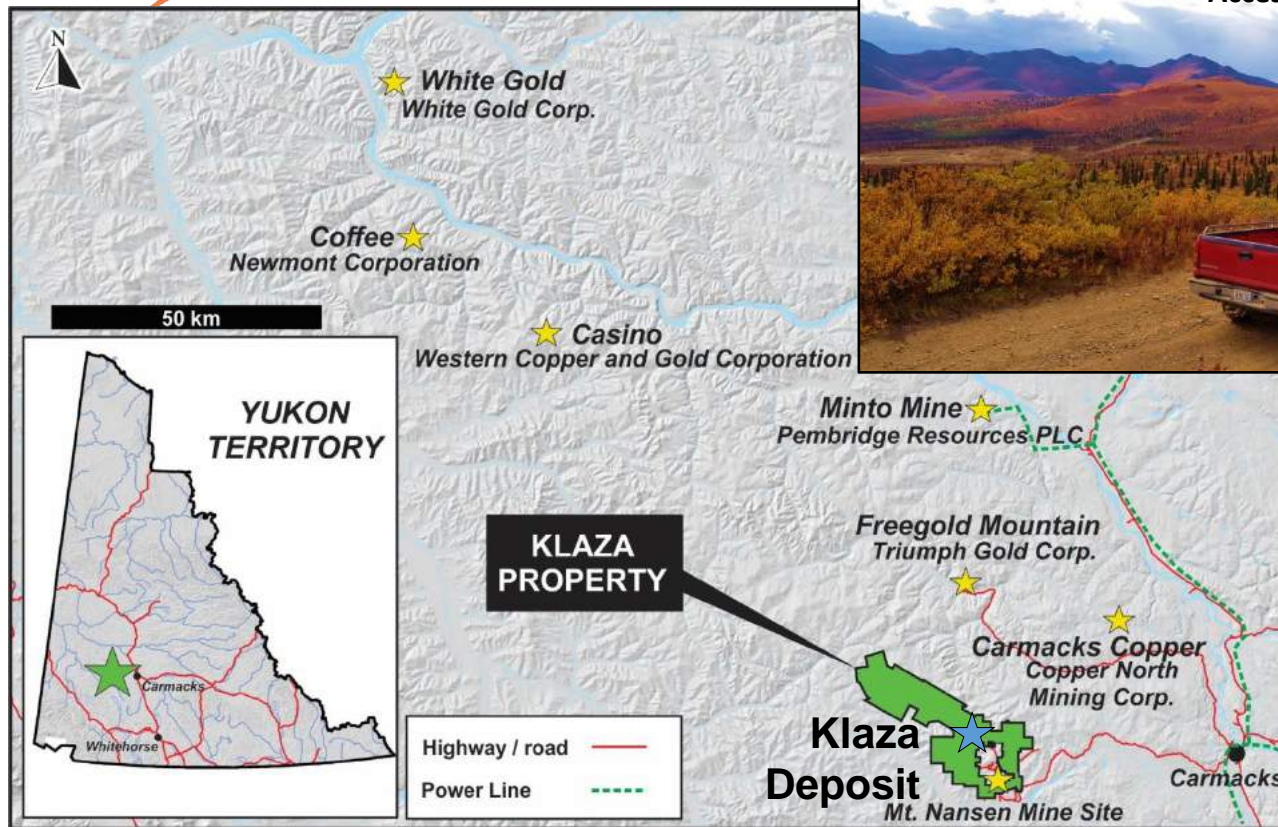
**Condire  
Resource Partners 38.3 million  
shares- 18%**

- Rockhaven's road accessible Klaza project is one of Yukon's highest grade, plus one million ounce gold deposits
- Robust PEA with a Post-Tax NPV<sub>(5%)</sub> of C\$378 million and an IRR of 37% (\$1,450/oz Au & \$17/oz Ag)
- Klaza Deposit is 100% owned and royalty free
- District scale land position with significant exploration upside
- Attractively valued with respect to peer group
- New vein complex discovered in 2020 drilling at the Rusk Target
- Clear path forward with aggressive exploration and resource upgrades in 2021

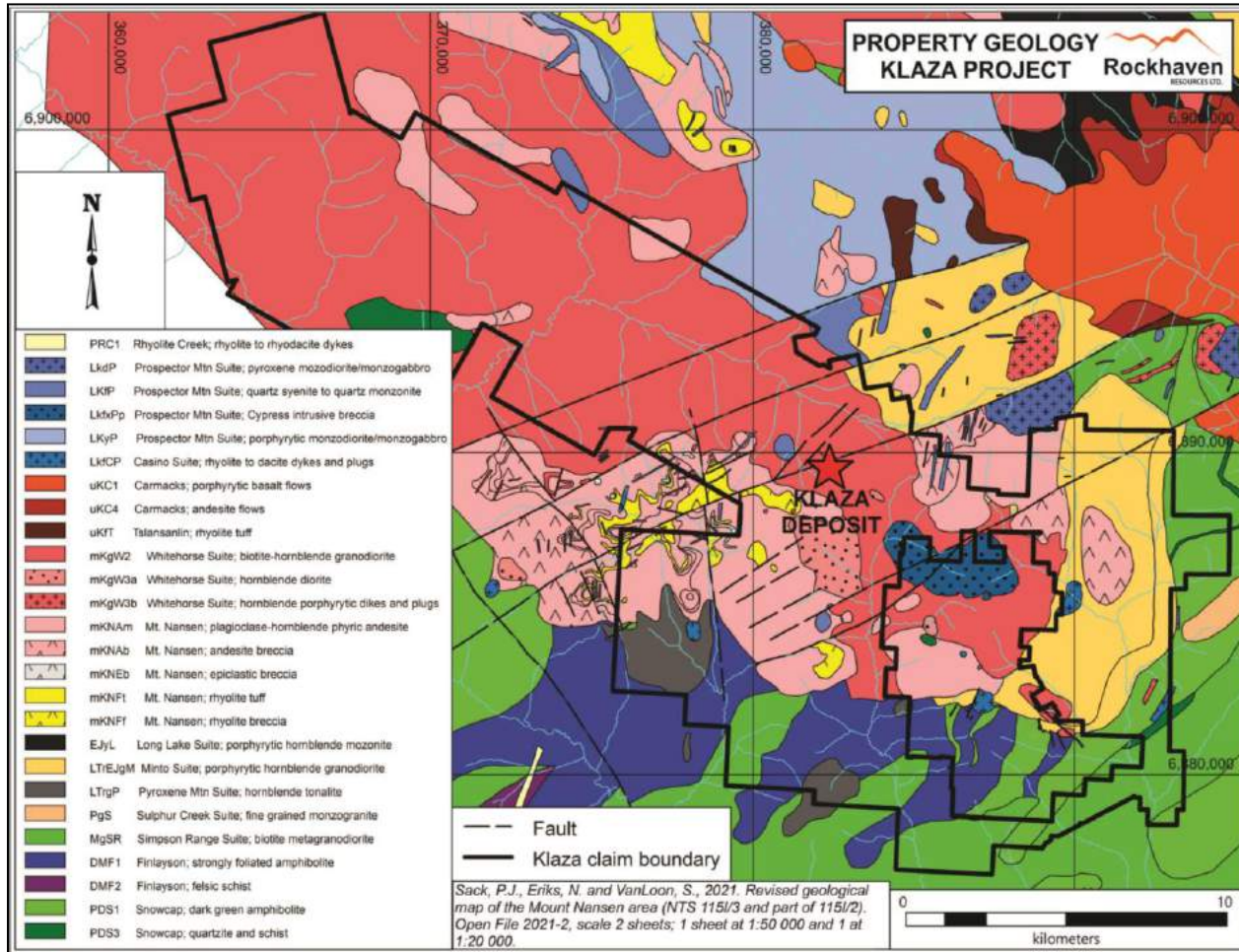




# GREENFIELDS DISCOVERY WITHIN THE +15 Moz Au DAWSON GOLD BELT

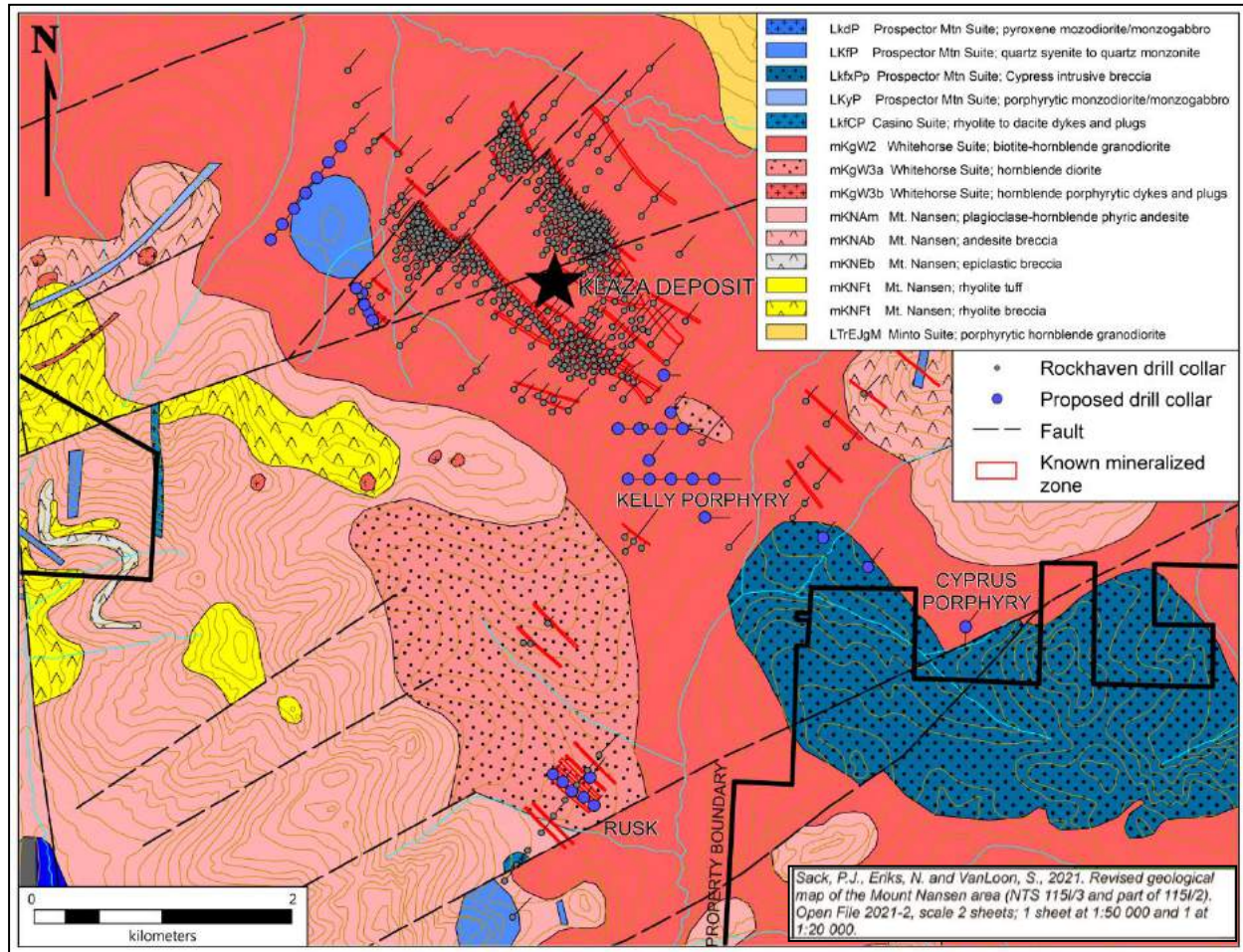


# PROPERTY GEOLOGY

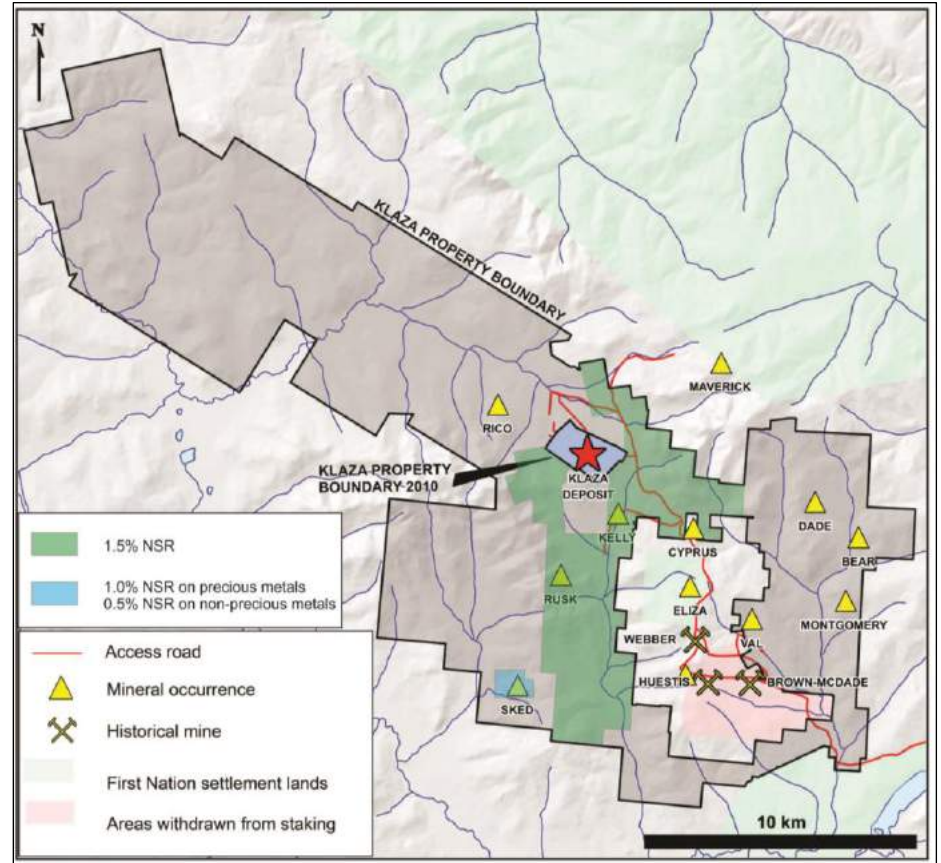




# PROPERTY GEOLOGY DETAILED



- 100% owned by Rockhaven with **no underlying royalties** on resource areas
- Property covers 287 sq kms
- 1,273 of the total 1,478 claims are unencumbered by royalties or interests
- Claims have been acquired patiently over time and in-line with our growing knowledge of the district





# HIGH-GRADE EPITHERMAL GOLD-SILVER MINERALIZATION

**94.09 g/t gold, 545 g/t silver, 2.86% lead and 4.21% zinc over 2.63 m**



# FROM ROCKS TO RESOURCES

## Klaza Property - Total Inferred and Indicated Mineral Resource Estimate Summary<sup>1</sup>

Category	Tonnes (kt)	Grade					Contained Metal				
		Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Au EQ <sup>4</sup> (g/t)	Au (koz)	Ag (koz)	Pb (klb)	Zn (klb)	Au EQ <sup>4</sup> (koz)
Indicated <sup>5</sup>											
Pit- Constrained <sup>2,3</sup>	2,447	5.3	90	0.7	1.0	6.7	414	7,096	39,143	52,935	529
Underground <sup>3</sup>	2,010	4.2	108	0.8	0.9	5.8	272	6,974	34,125	39,172	378
Total	4,457	4.8	98	0.7	0.9	6.3	686	14,071	73,268	92,107	907
Inferred <sup>5</sup>											
Pit- Constrained <sup>2,3</sup>	1,754	2.6	43	0.4	0.5	3.3	147	2,429	14,897	18,599	187
Underground <sup>3</sup>	3,960	2.8	90	0.7	0.8	4.2	359	11,472	62,647	70,578	538
Total	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.

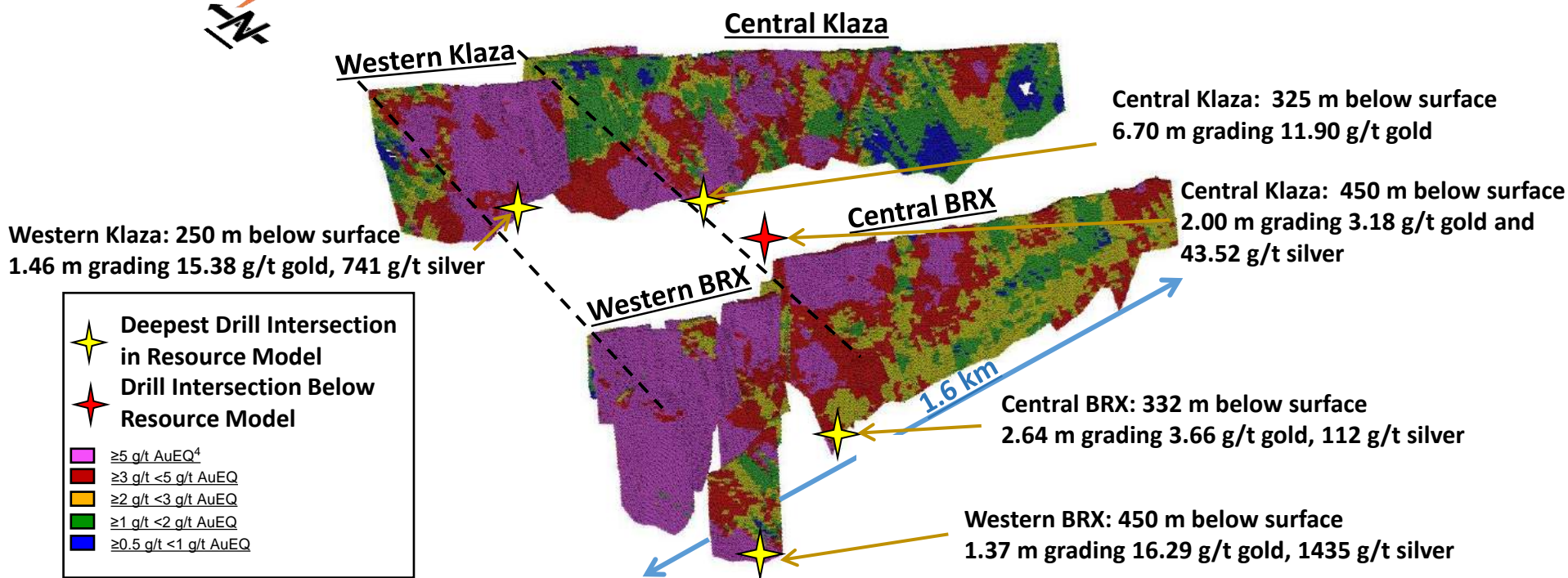
<sup>2</sup> Near surface Mineral Resources are constrained by an optimized pit shell at a metal prices of \$1,400/oz Au, \$19/oz Ag, \$1.10/lb Pb, and \$1.25/lb Zn at an exchange rate of \$0.80 US to \$1.00 Canadian.

<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.

<sup>5</sup> Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.

# KLAZA DEPOSIT BLOCK MODEL



<sup>1</sup> CIM Definition Standards (2014) were used for reporting the Mineral Resources. Using drilling results to December 31, 2017.

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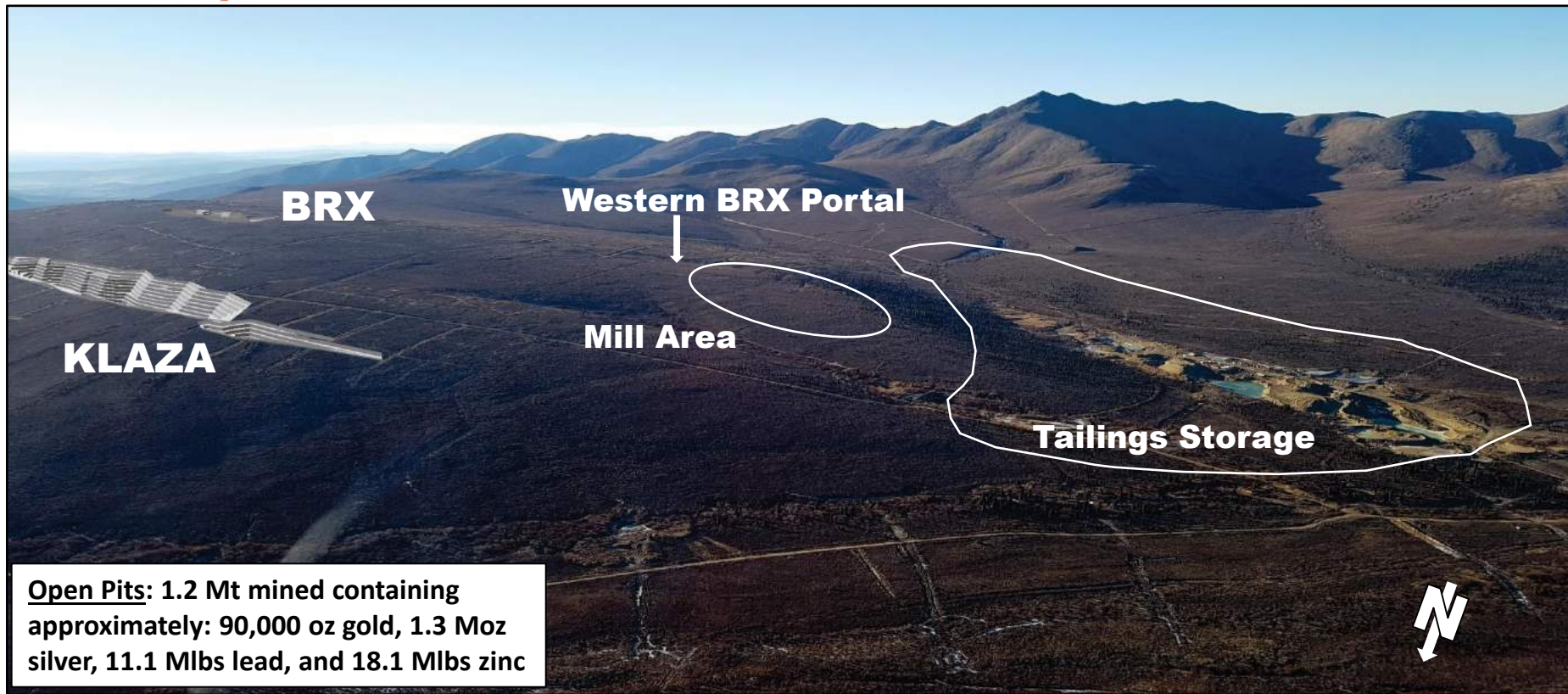
- **NPV<sub>(5%)</sub>** – After-tax C\$378 m & Pre-tax C\$529 million (\$1450 gold, \$17 silver, CAD:USD 0.72)
- **IRR** – 37% After-tax & 45% Pre-tax
- **Leverage to \$1,740 gold** – After-tax NPV<sub>(5%)</sub> of C\$540 million and IRR of 49%
- **Opex** – LOM cash costs of \$613/oz AuEq\* AISC of \$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
- **Peak Production** - +100kozpaAuEq in years 3 to 7
- **Upside** – Opportunity to extend LOM or production scale via resource expansion

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

- Study completed by AMC Mining Consultants (Canada) Ltd. (mineral resource, mining, infrastructure and financial analysis), Blue Coast Metallurgy Ltd. (metallurgy and processing) and Knight Piesold Ltd (tailings).
- Combined Open Pit (contractor) & UG (owner-operator) mine with a 12 year mine life
- Open pit – conventional, first 2 yrs of LOM
- UG mining via mechanized Long Hole Open Stopping (25 m sublevels, minimum 3 m widths)
- Processing plant throughput – 1900tpd (peak production of 688ktpa years 2 through 7)
- Conventional flotation + POX – 3 concentrates (Pb, Zn, arsenopyrite); Arsenopyrite treated via 250tpd POX
- Conventional wet tailings storage
- Onsite camp
- Powerline from Yukon electric grid to site, along the existing road

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

# KLAZA PROJECT – PEA SURFACE OVERVIEW





**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

**Central BRX UG,** 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

**Central Klaza UG,** 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

# 2020 PEA SUMMARY

	Unit	July 2020 PEA
Total mineralized rock	kt	7,464
Total waste production	kt	10,130
Gold grade <sup>1</sup>	g/t	3.4
Silver grade <sup>1</sup>	g/t	79
Lead grade <sup>1</sup>	%	0.6
Zinc grade <sup>1</sup>	%	0.7
AuEq grade <sup>2</sup>	g/t	4.43
Gold recovery <sup>1</sup>	%	95
Silver recovery <sup>1</sup>	%	90
Lead recovery <sup>1</sup>	%	80
Zinc recovery <sup>1</sup>	%	80
Gold price	US\$/oz	1,450
Silver price	US\$/oz	17.00
Lead price	US\$/lb	0.95
Zinc price	US\$/lb	1.00
Exchange rate	1US\$ : CDN	0.72
Payable gold metal <sup>3</sup>	oz	751,472
Payable silver metal <sup>3</sup>	Moz	13.8
Payable lead metal <sup>3</sup>	MIbs	50.0
Payable zinc metal <sup>3</sup>	MIbs	50.1
Payable AuEq <sup>3</sup>	oz	980,561

	Unit	July 2020 PEA
Total net revenue	C\$M	1,975
Project capital costs	C\$M	244
Sustaining capital costs	C\$M	114
Operating costs (total)	C\$M	834
Mine operating costs	C\$/t	55.1
Process and tails storage operating costs	C\$/t	41.6
General and administrative costs	C\$/t	15.0
Operating costs (total) <sup>4</sup>	C\$/t	111.8
Operating cash cost (AuEq <sup>2</sup> )	US\$/oz AuEq	612.6
Total all in sustaining cost (AuEq <sup>2</sup> )	US\$/oz AuEq	875.3
Mine Life	Yrs	12
Payback period <sup>5</sup>	Yrs	3.9
Cumulative net cash flow (pre-tax)	C\$M	783
Pre-tax NPV(5%)	C\$M	529
Pre-tax IRR	%	45
Post-tax NPV(5%)	C\$M	378
Post-tax IRR	%	37

1. LOM average

2. Gold equivalent values for mining purposes assume base case metal prices and recoveries used in the PEA and are calculated using the following formula:  $AuEq = 1 * Au + Ag / 107.82 + Pb / 4.14 + Zn / 4.68$

3. Overall payable % includes treatment, transport, refining costs and selling costs

4. Includes mine operating costs, milling, and mine G&A

5. Values are pre-tax and discounted at 5%, from base date of Year 0

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.sedar.com](http://www.sedar.com) under the Rockhaven profile or on the Rockhaven website at [www.rockhavenresources.com](http://www.rockhavenresources.com).

# PRODUCTION SUMMARY

## Annual Payable Metal Production

	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12
Gold (oz)	751,472	48,656	58,572	93,011	98,195	93,775	82,318	80,087	62,401	49,947	45,485	26,433	12,592
Silver (oz)	13,799,820	588,268	765,112	1,645,459	1,499,457	1,544,120	1,430,480	1,560,272	1,145,208	1,031,574	1,133,826	899,771	556,272
Lead (lbs)	50,025,710	2,387,826	3,916,766	4,102,554	4,635,033	4,864,739	5,051,146	5,806,438	4,392,296	4,421,892	4,909,806	3,610,578	1,926,636
Zinc (lbs)	50,057,711	3,526,616	4,672,103	4,157,884	4,299,184	4,451,709	4,873,167	5,377,423	4,532,171	4,226,653	4,700,936	3,370,439	1,869,424
AuEQ** (oz)	980,561	59,550	73,330	117,857	121,776	118,136	105,760	105,893	81,831	67,853	65,237	41,672	21,666

- Annual payable gold production exceeds 80,000 ounces per year between years 3 and 7
- Peak payable production of 98,000 ounces gold in year 4
- Annual payable gold equivalent production exceeds 100,000 ounces per year between years 3 and 7

## Annual Average Mill Feed Grade

	LOM Average	1	2	3	4	5	6	7	8	9	10	11	12
Gold (g/t)	3.40	2.70	2.87	4.57	4.83	4.60	4.04	3.93	3.14	2.50	2.27	1.96	1.67
Silver (g/t)	78.88	41.33	47.45	102.11	93.30	95.79	88.75	96.79	72.75	65.24	71.68	84.14	93.18
Lead (%)	0.61	0.36	0.52	0.55	0.62	0.65	0.67	0.77	0.60	0.60	0.67	0.72	0.69
Zinc (%)	0.73	0.63	0.74	0.66	0.68	0.71	0.77	0.85	0.74	0.68	0.76	0.81	0.80
AuEQ** (g/t)	4.43	3.30	3.59	5.78	5.99	5.79	5.18	5.19	4.10	3.39	3.25	3.07	2.86

\*Gold equivalent values for payable metals assume US\$1,450/oz gold, US\$17.00/oz silver, US\$0.95/lb lead, and US\$1.00/lb zinc

\*\*Gold equivalent values for mining purposes assume base case metal prices and recoveries used in the PEA and are calculated using the following formula:  $AuEQ = 1 \cdot Au + Ag / 107.82 + Pb / 4.14 + Zn / 4.68$



# SIMPLIFIED PROCESSING FLOW SHEET

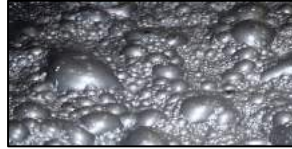


**Crushing & Grinding  
1,900 tpd**

- High recovery of all metals to three separate concentrates
- Arsenopyrite concentrate can be processed on-site using a small hydro-metallurgical circuit or be shipped for off-site processing
- Concentrate marketing analysis done in conjunction with metallurgy and shows concentrates are marketable

**Sequential Flotation**

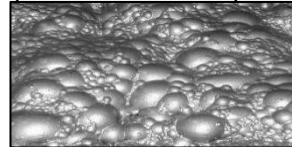
**Lead**  
(1.1% Mass Pull)



**Zinc**  
(2.2% Mass Pull)



**Arsenopyrite**  
(12.1% Mass Pull)



**59.8% Pb**

**5,957 g/t Ag  
129.9 g/t Au**

**Acacia Leach**



**60% Pb**

**4,815 g/t Ag  
15.7 g/t Au**



**48.0% Zn**

**1,318 g/t Ag  
13.5 g/t Au**



**7.21% As**

**24.4 g/t Au**



**POX & CIP**

**~250 tpd**

**95% Au Recovery  
86% to Doré**



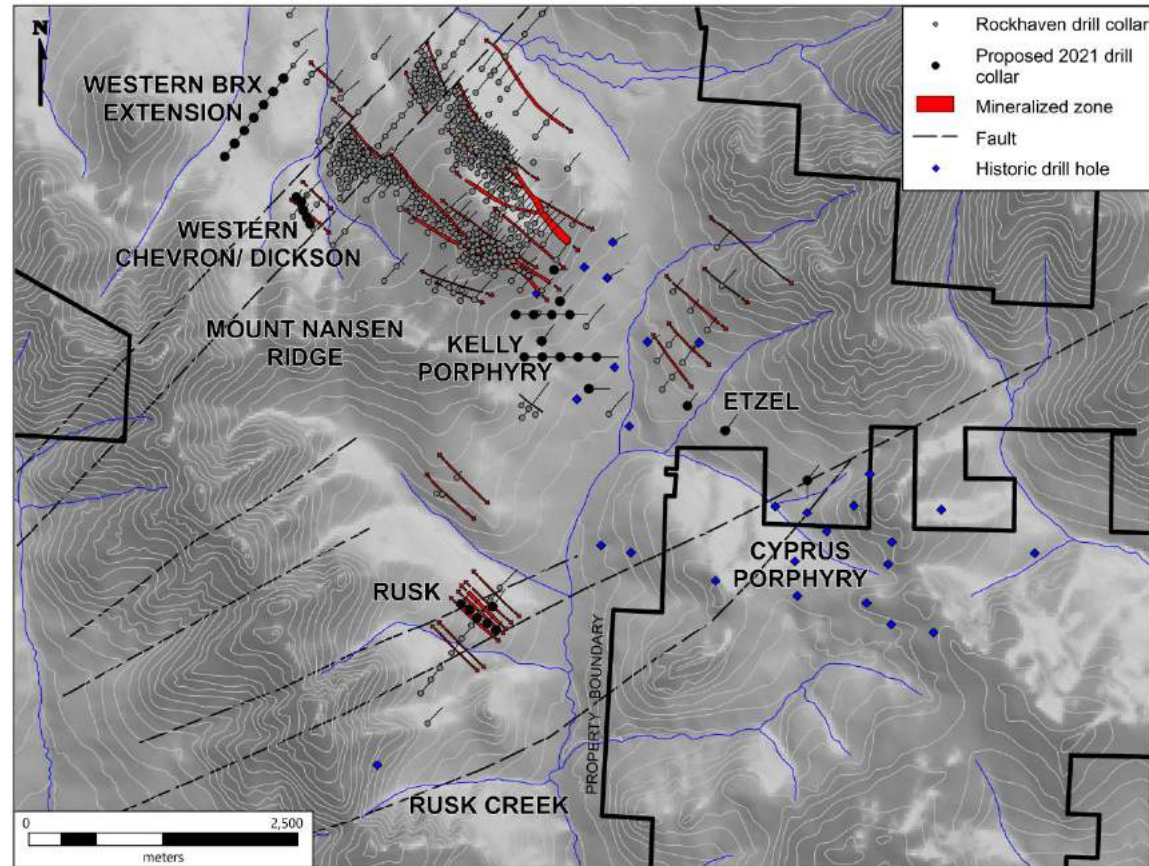
## Post-Tax Sensitivities

Variable	Unit	-20%			Base Case			+20%		
		Value	NPV	IRR	Value	NPV	IRR	Value	NPV	IRR
Gold	US\$/oz	\$1,160	\$211	24%	\$1,450	\$378	37%	\$1,740	\$540	49%
Silver	US\$/oz	\$13.60	\$343	35%	\$17.00			\$20.40	\$407	39%
Mining Cost	\$/t	\$44.1	\$417	39%	\$55.14			\$66.2	\$334	34%
Processing Cost	\$/t	\$33.1	\$406	39%	\$41.30			\$50.0	\$344	35%
LOM Capital	\$M	\$286	\$456	60%	\$380			\$429	\$296	24%

- **Exceptional project economics at base case +20% gold price: Post-tax NPV(5%) of \$540 million and an IRR of 49% at a gold price of \$1,740/oz**
- **Resilient at base case -20% gold price: Post-tax NPV(5%) of \$211million and an IRR of 24%, at a gold price of \$1,160/oz**

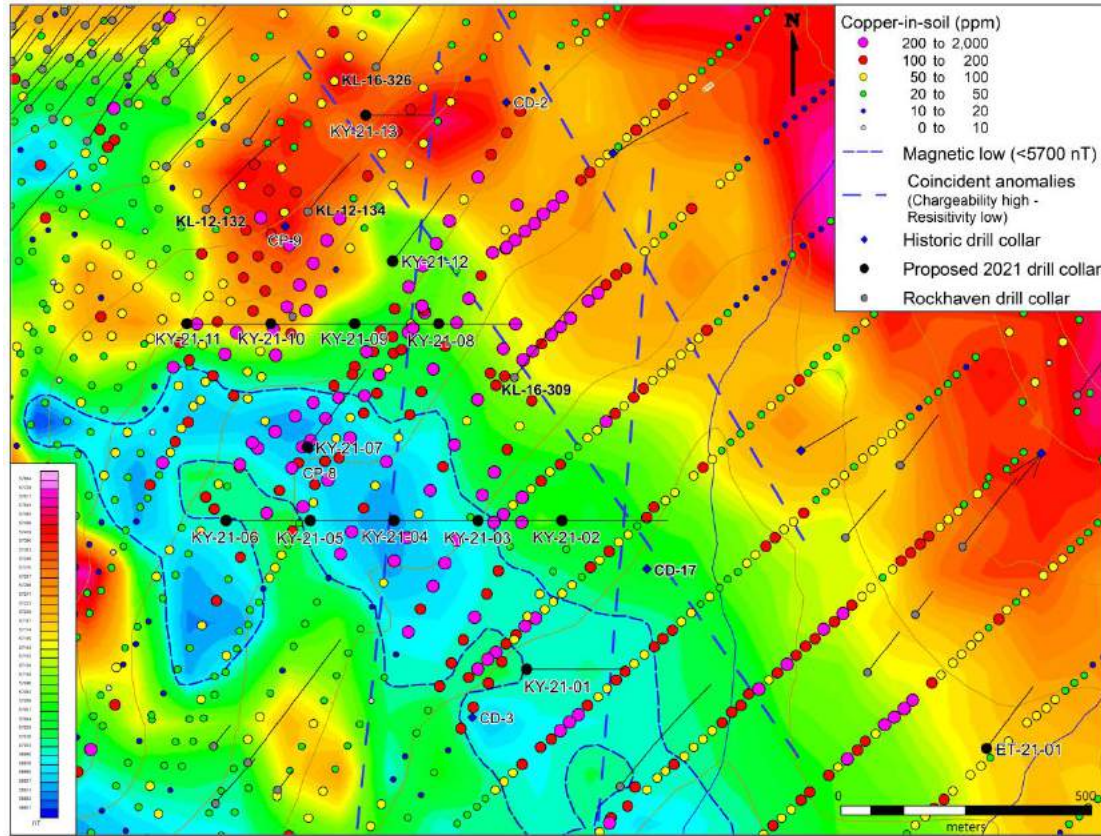
## Exploration drilling on high-grade vein and porphyry targets:

- Rusk – 2.6 sq. km arsenic-in-soil anomaly with newly (2020) identified vein discoveries
- Kelly/Etzel-Cyprus Porphyry – Porphyry and bulk tonnage targets adjacent to Klaza vein field
- Western BRX Extension to explore expansion potential of richest vein on property
- Western Chevron drilling will follow-up past drill and trench results

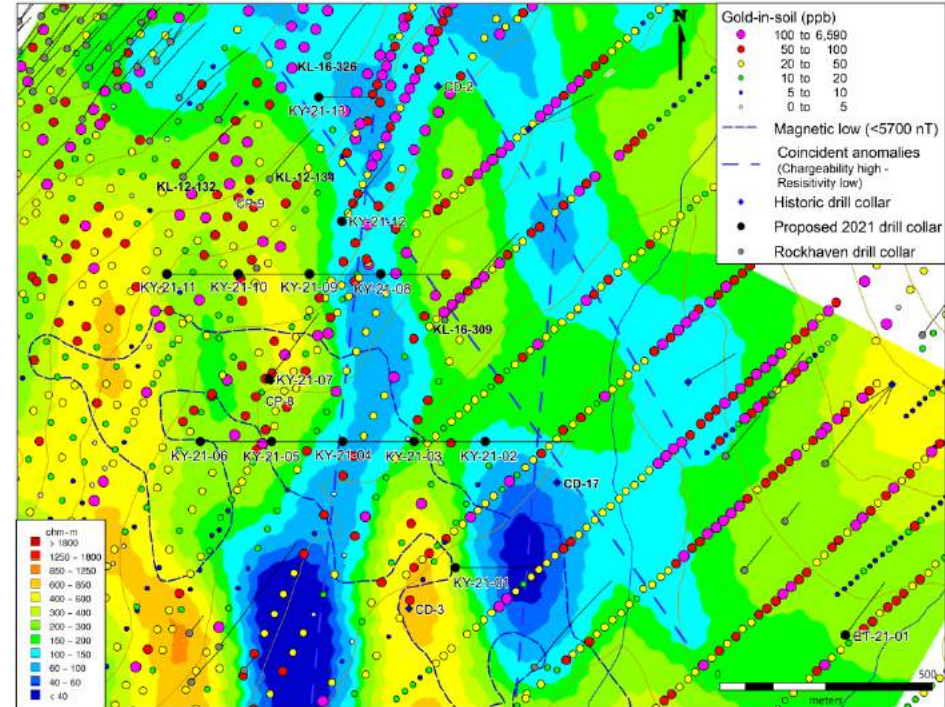
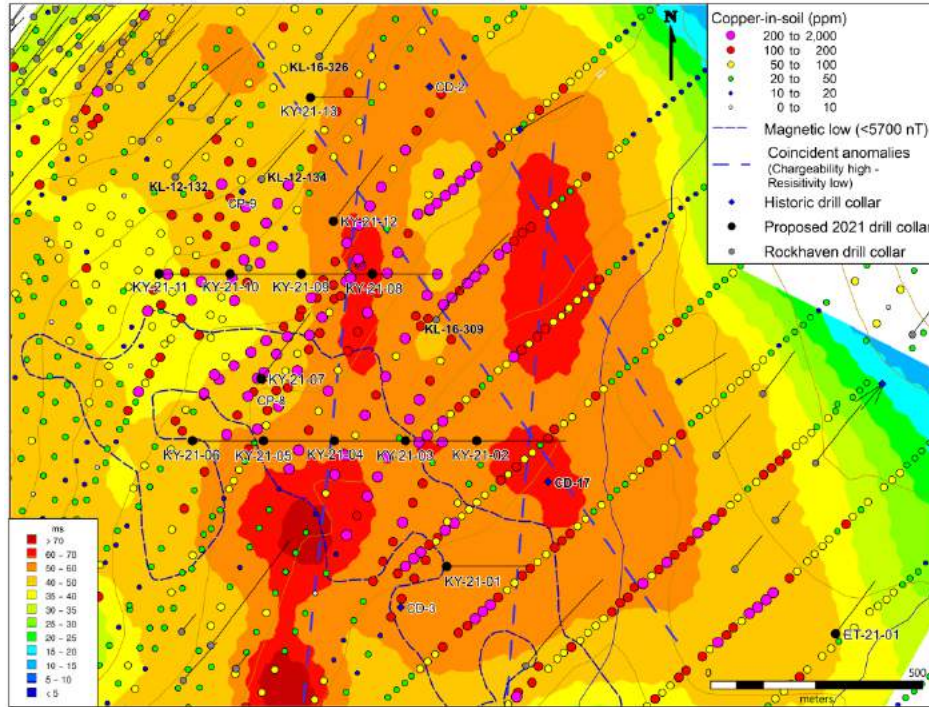




# 2021 PORPHYRY TARGETS

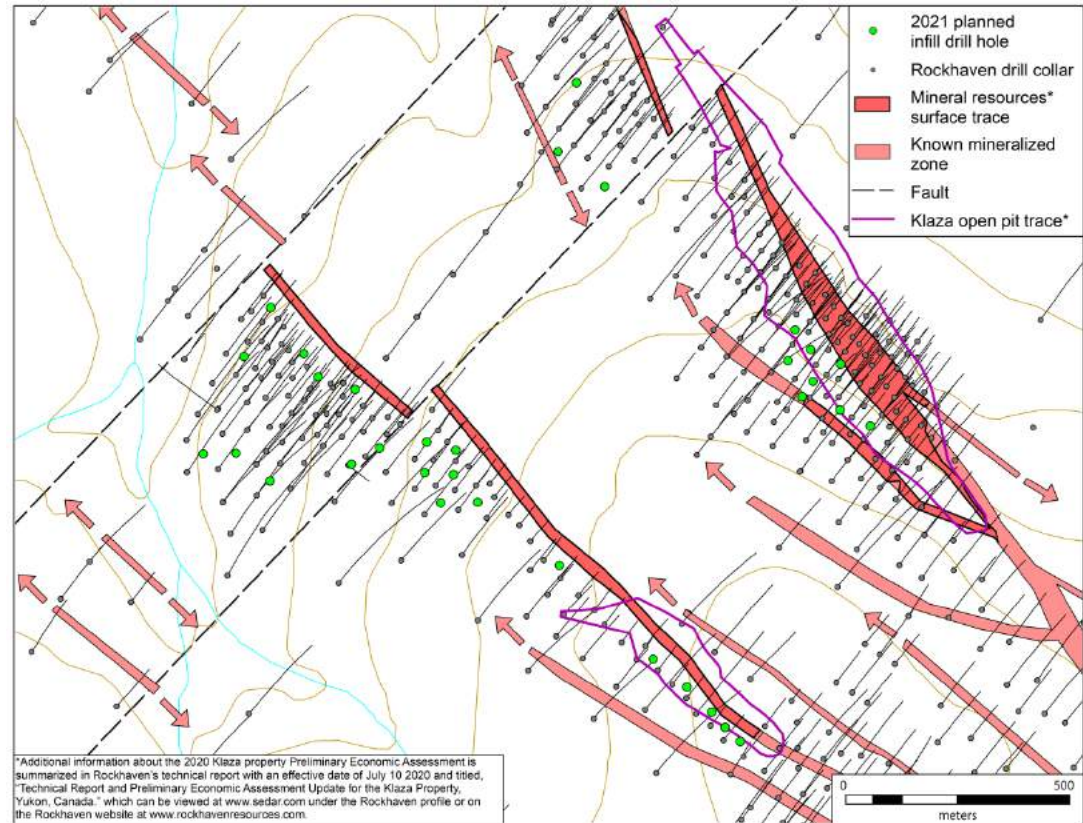


# 2021 PORPHYRY TARGETS



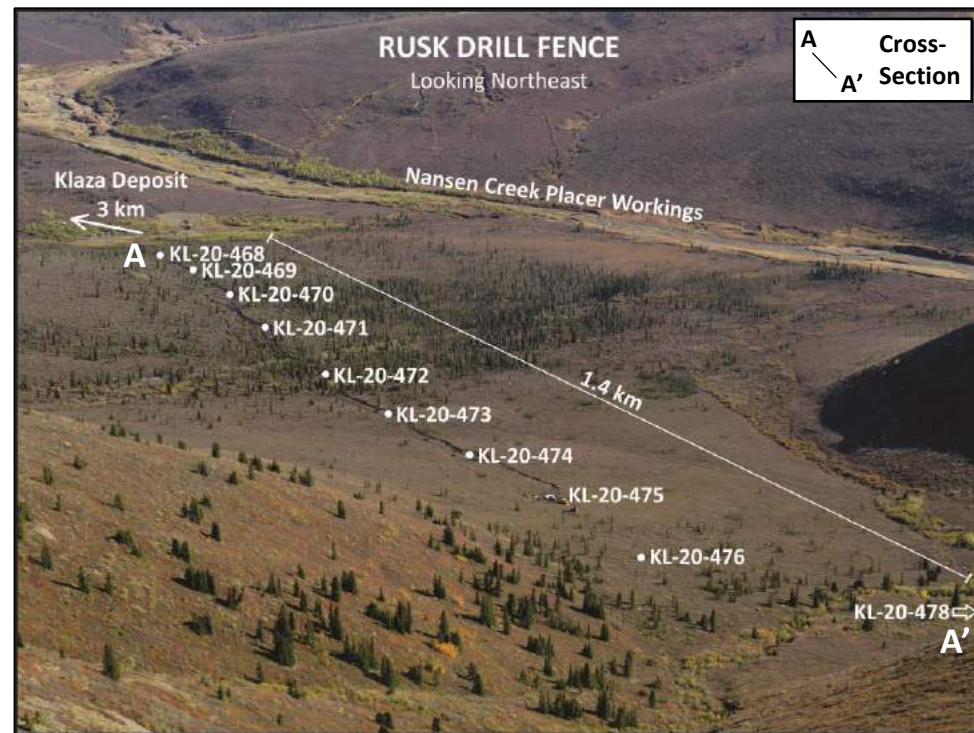
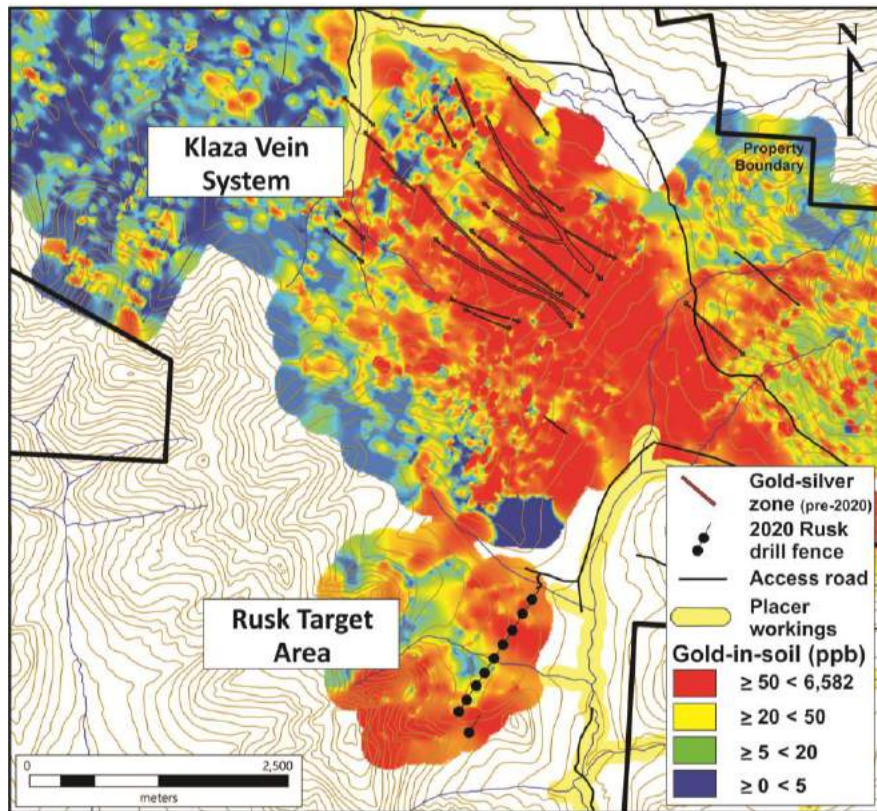


- Infill drilling of the Klaza Deposit will focus on upgrading inferred resources into indicated resources
- A total of 5,000 m in 33 holes is planned for 2021
- Previous upgrading was done at a low cost (\$4/ounce)
- This drilling will also support additional metallurgical test work and engineering studies as the Klaza project continues towards Pre-Feasibility





# RUSK TARGET – 2021 FOLLOW-UP ON NEW DISCOVERY



# 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**



- Expanded production profile to 100,000 oz Au for 10 - 15 years
- Infill drilling for conversion of remaining inferred resources
- Near resource expansion drilling & outboard vein field represent prime targets for drilling
- Test vertical extent of high-grade system
- Trade-off study to evaluate off-site shipping of arsenopyrite concentrate
- Accelerated engineering, metallurgy & permitting studies
- Pre-feasibility study and advancement into permitting



**Contact Info:**

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**Website: [www.rockhavenresources.com](http://www.rockhavenresources.com)**

**Thank You!**