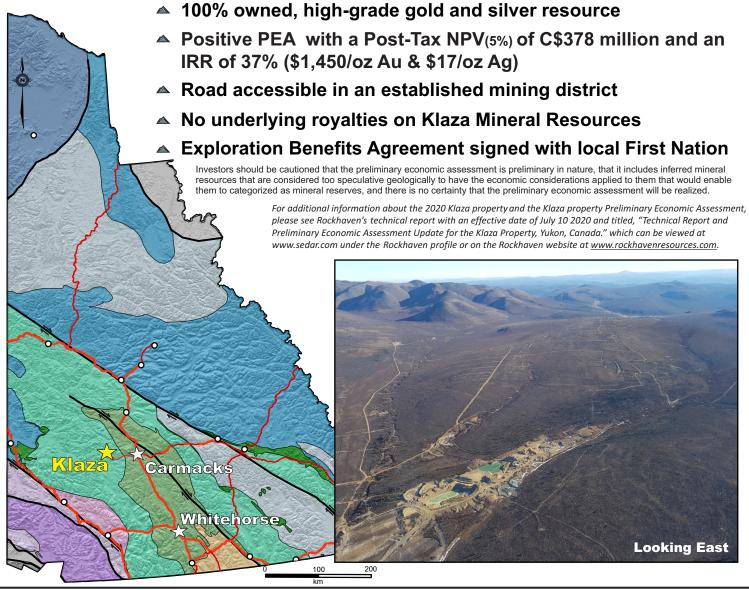


**Exchange: TSX-V Symbol: RK** 

Rockhaven Resources Ltd. is an exploration company aggressively advancing its 100% owned, road accessible Klaza gold-silver project located in Yukon, Canada.

The Klaza property is located 50 km west of Carmacks, Yukon and is road accessible via a two-wheel drive road from the Klondike Highway. Rockhaven's exploration to date has included over 130,000 m of diamond drilling in 630 holes, 20,000 m of excavator trenching; extensive soil geochemistry; and magnetic, radiometric, IP and VLF-EM surveys.

Rockhaven Resources Ltd. is a well-funded explorer focused on the exploration and development of its 100%-owned, camp-scale Klaza Property, which hosts the Klaza Deposit and numerous lightly explored exploration targets. The Klaza Deposit has indicated resources of 4.5 Mt containing 686,000 oz gold and 14,071,000 oz silver at grades of 4.8 g/t gold and 98 g/t silver, and inferred resources of 5.7 Mt containing 507,000 oz gold and 13,901,000 oz silver at grades of 2.8 g/t gold and 76 g/t silver. An updated Preliminary Economic Assessment of the Klaza Deposit returned a Post-Tax NPV(5%) of CAD\$378 million and an IRR of 37%, using US\$1450/oz gold and US\$17/oz silver.





## **KLAZA DEPOSIT MINERAL RESOURCES**

The Klaza Deposit hosts an Indicated Mineral Resources containing 686,000 oz gold and 14,071,000 oz silver (4.5 Mt grading 4.8 g/t gold and 98 g/t silver) and Inferred Mineral Resources containing 507,000 oz gold and 13,901,000 oz silver (5.7 Mt grading 2.8 g/t gold and 76 g/t silver)

Mineralization comprises disseminated to semi-massive pyrite, arsenopyrite, galena, sphalerite, chalcopyrite, stibnite, tetrahedrite and jamesonite in quartz, carbonate and barite gangue. The relative proportions of sulphide minerals vary with each zone and with distance from the porphyry centre. The sulphide minerals typically comprise 1% to 10% of veins and altered wallrocks, often increasing to between 20% and 80% over 25 cm to 200 cm intervals.

Eleven known vein zones have been identified within the area of the Klaza Deposit. The most extensively explored zones, the BRX and Klaza zones have each been systematically traced along strike for 2,400 m and to depths of 520 m and 325 m down-dip, respectively. Neither zone outcrops, but mineralization has been exposed along the known length of the each zone in excavator trenches, beneath a 1 m to 2 m thick veneer of overburden. Mineral resources currently include the Klaza and BRX zones, and parts of the BYG and Pika zones. All zones are open for expansion along strike and down-dip.



Klaza Property - Total Inferred and Indicated Mineral Resource Estimate Summary

				Grade			Contained Metal						
Category	Tonnes	Au	Ag	Pb	Zn	Au EQ <sup>4</sup>	Au	Ag	Pb	Zn	Au EQ <sup>4</sup>		
	(kt)	(g/t)	(g/t)	(%)	(%)	(g/t)	(koz)	(koz)	(klb)	(klb)	(koz)		
Indicated													
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												
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>&</sup>lt;sup>1</sup> CIM Definition Standards (2014) were used for reporting the Mineral Resources. Using drilling results to December 31, 2017. The Qualified Persons are Adrienne Ross, P.Geo. of AMC Mining Consultants (Canada) Ltd, and Nicholas Ingvar Kirchner, FAusIMM, MAIG. of AMC Mining Consultants Pty Ltd.

<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>&</sup>lt;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.

<sup>&</sup>lt;sup>4</sup> Gold equivalent values 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>&</sup>lt;sup>5</sup> Numbers may not add up due to rounding. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. All metal prices are quoted in US\$ at an exchange rate of \$0.80 US to \$1.00 Canadian.



# PEA RESULTS & MINERAL PROCESSING

	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\$:	0.72
Excilatige rate	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>	Mlbs	50.0
Payable zinc metal <sup>3</sup>	Mlbs	50.1
Payable AuEq <sup>3</sup> 1. LOM average	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 (AuEq²)	US\$/oz AuEq	612.6
Total all in sustaining cost (AuEq²)	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

3. Overall payable % includes treatment, transport, refining costs and selling costs Investors should be cautioned that the preliminary economic assessment 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 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>.

### Klaza May 2024 Metallurgical Update

- 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 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.

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

		Aver	age Con	centrat	e Grad	es		Average Recoveries				ries
	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 2: Results of DMS Test Work from Klaza Mineralized Zones

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

For additional informationabout this flotation and 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.

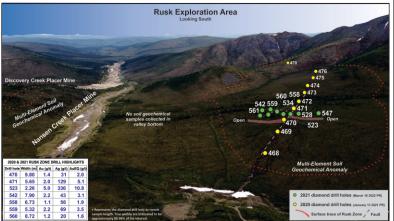
<sup>2.</sup> Gold equivalent values for mining purposes assume base case metal prices and recoveries used in the PEA and are calculated using the following formula: AuEQ=1\*Au+Ag/107.82+Pb/4.14+Zn/4.68

<sup>4.</sup> Includes mine operating costs, milling, and mine G&A

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



#### **Exchange: TSX-V Symbol: RK**



Management/Directors Matthew A. Turner, B.Sc. CEO/President/Director Manuel Estrada, B.Sc. Chief Operating Officer

> Daniel Martino, CPA, CA Chief Financial Officer

Glenn R. Yeadon B.Comm., LL.B Secretary and Director

**Loralee Johnstone** 

Director

Bruce A. Youngman, B.Sc. Director

Brad A. Thrall, B.Sc., MBA.

Doug Eaton, B.A., B.Sc.

Director

Bradley J. Shisler, B.Sc., B.A., MBA

**Randall Thompson** 

Technical Advisor

Stephen Quin, B.Sc., P.Geo Technical Advisor

**Equity and Financials** September 2024

Issued: 276,136,470 Fully Diluted 294,891,470 Working Capital: ~ \$400,000 Market Cap. CAD~\$12,500,000 **Corporate Debt:** 

#### **TOP SHAREHOLDERS**

Strategic 81.87 million shares 29.6% Metals Ltd.

none

20.2 million Insiders

shares 7.4%

Condire Resource

54.8 million shares 19.9% Partners

Robert C. Carne, M.Sc. Technical Advisor

Klaza Resource Arsenic-in-soil (ppm) 100 to 1,900 50 to Victori 20 to 50 10 to 20 0 to 10 Etze Rusk 3,000 **Mount Nansen Mine** 

The technical information in this summary 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