

#### ROKMASTER RESOURCES CORP. TSX.V: RKR OTCQB: RKMSF FSE: 1RR1





"B.C's largest undeveloped high-grade precious & polymetallic deposits"



www.rokmaster.com

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This forward-looking information is based on certain assumptions that RKR believes are reasonable, including that the current price of and demand for minerals being targeted by RKR will be sustained or will improve, the supply of minerals targeted by RKR will remain stable, that RKR 's current exploration programs and objectives can be achieved, that general business and economic conditions will not change in a material adverse manner, that financing will be available if and when needed on reasonable terms and that RKR will not experience any material accident, labour dispute, or failure of plant or equipment.

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Technical Information: The scientific and technical information about the Revel Ridge Project (the "Property") set out in this presentation was substantially obtained from the National Instrument 43-101 compliant Technical Report for the Property dated January 17, 2022, (the "Technical Report") authored by P&E Mining Consultants Inc. for RKR and filed on SEDAR. Eric Titley, P. Geo., a Qualified Person as defined by National Instrument 43-101 Standards of Disclosure for Mining Projects, has reviewed and approved of the technical disclosure in this presentation.

## The Team

John Mirko	President, CEO & Director
Michael ("Mike") Cowin	Chairman & Director
Adam Pankratz, MBA, MA	Director
Dennis Cojuco	CFO and Corporate Secretary
Connor Malec	VP of Exploration
Mike Kordysz	VP of Business Development and Strategy
James ("Jim") Oliver, Ph.D., P. Geo.	Geological Consultants
Craig Parry	Senior Advisor
Mark Rebagliati Ted Muraro	Geological Advisors
Harvey Tremblay	Drilling and Business Advisor
Stacy Freudigmann, P. Eng.	Metallurgical Advisor

#### **Share Structure**

#### **Share Information:**

Issued and Outstanding Warrants Stock Options Broker Warrants / Options

#### Share Ownership:

- Insiders, family & close associates ~ 30%
- DELPHI Unternehmensberatung AG ~ 16%

144,695,023 37,887,812 11,430,000 5,007,421

RKR(TSX.V)RKMSF(OTCQB)1RR1(Frankfurt)

**Trading Symbols:** 

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## Revel Ridge Project – 14,715 Ha

- 40 km north of Revelstoke with yearround road access
- >3 km of operational underground workings
  - 41,000 m of historic diamond drilling in 315 holes, pre RKR
- Mining equipment, underground & surface facilities, 40-person camp, rail load out
- Surface drilling permits in place until 2025
- Positive metallurgical test work, PEA
- Cash option to acquire 100%, no royalties





## Geology and Mineralization

- RRMZ (Main Zone) is a remarkably continuous, large, tabular, structurally controlled, orogenic gold system.
- RRMZ averages 6-8 g/t AuEq over 2.5 m True Width
- RRYZ (Yellowjacket Zone) stacked subparallel carbonate hosted Ag-Zn-Pb zones.
- RRYZ averages 60 g/t Ag + 12% Zn+Pb

## Geology and Mineralization



- RRMZ has been drill-tested for 3.5 km, with the deformation zone present in every drillhole
- Geological mapping and geochemistry suggests the structure is approximately 6.0 km in strike length

## Main Zone (RRMZ) Style Mineralization



## DDH RR20-11: 288.6 m to 294.77 m

<u>288.64 - 290.47</u>

**1.83 m** @ 9.54 g/t Au, 75.66 g/t Ag, 3.81%
 Pb, 10.91% Zn (17.30 g/t AuEq)

#### <u> 288.64 – 292.56</u>

3.92 m @ 5.28 g/t Au, 43.22 g/t Ag, 1.95%
 Pb, 6.96% Zn (9.97 g/t AuEq)

#### <u>286.40 – 294.77</u>

8.37 m @ 2.76 g/t Au, 23.35 g/t Ag, 0.95%
 Pb, 3.39% Zn (5.09 g/t AuEq)



## Main Zone (RRMZ) Style Mineralization

- Ag Zn hosted by deformed marble.
- Predictable deformational style, recumbent folds.
- Target structural periodicity.
- Target million tonne Ag Zn shapes.



#### Yellowjacket Ag-Zn Expansion (July 16, 2021 NR)

- DDH RR21-41: 1,093 g/t AgEq or 14.39 g/t AuEq over 3.60 m.
- DDH RR21-43: 471.9 g/t AgEq or 6.21 g/t AuEq over 7.08 m.
- DDH RR21-44: 520.5 g/t Ag or 6.85 g/t Au over 2.70 m.
- DDH RR21-47: 426.4 g/t AgEq or 5.61 g/t AuEq over 5.60 m.





#### **Merits Of The Project**

Gold Equivalent Mineral Resource Estimate: Main, Hanging Wall, Foot Wall, NW Extension and Yellowjacket Zones:

Measured & Indicated (M&I): 6,730,000 t / 1,357,800 ounces AuEq @ 6.27 g/t AuEq \*

Inferred (Inf):

6,000,000 t / 1,220,400 ounces AuEq @ 6.33 g/t AuEq \*

- Orogenic RRMZ with exceptional potential for expansion and additional discoveries.
- The RRMZ averages 2.5 m in true thickness but may exceed 15 m. On strike occurrences known along an >7-8 km structural trend.
- Current November 2021 NI 43-101 Technical Report

\* AuEq= Au g/T + (Ag g/T x 0.011) + (Pb % x 0.422) + (Zn % x 0.455). This incorporates Ag, Pb and Zn metallurgical recoveries, smelter payables and refining charges that were reflected in the 2021 Preliminary Economic Assessment filed on SEDAR. M&I = Measured and Indicated mineral resources, Inf = Inferred Mineral Resources, MT = Metric Tonnes. Grades of Au, Ag, Zn and Pb and metallurgical recoveries used are on page 9 of this presentation.

#### Measured, Indicated and Inferred Gold Equivalent Resources – November 17, 2021 \*see footnotes 1-6



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8	Cut-Off	Tonnes	Ag	Ag	Au	Au	Pb	Zn	NSR	AuEq	AuEq
	NSR C\$/t	k	g/t	koz	g/t	koz	%	%	C\$/t	g/t	koz
Measured	110	2,033.4	57	3,723	5.09	332.6	2.05	3.77	451.18	7.81	510.9
Indicated	110	4,701.2	48	7,187	3.09	467.0	1.88	3.64	317.07	5.60	846.9
Meas & Ind	110	6,734.5	50	10,911	3.69	799.7	1.93	3.68	357.56	6.27	1,357.8
Inferred	110	5,996.7	37	7,098	4.70	906.1	1.19	2.20	361.41	6.33	1,220.4
			т	DTAL FOR REV	EL RIDGE	MAIN ZON	E (RRMZ)				
Measured	110	1,830.0	59	3,452	5.17	304.0	2.11	3.80	459.01	7.94	467.4
Indicated	110	2,874.8	47	4,295	4.14	382.3	1.82	2.77	359.95	6.30	582.6
Meas & Ind	110	4,704.8	51	7,747	4.54	686.3	1.93	3.18	398.48	6.94	1,050.0
Inferred	110	5,395.5	37	6,485	4.85	842.0	1.20	2.26	372.87	6.52	1,130.8
10			<i></i>		15	12				50	
			TOT	AL FOR REVE	L RIDGE FO	OTWALL Z	ONE (RRFZ	)			
Measured	110	95.4	44	136	7.92	24.3	1.43	2.36	569.6	9.78	30.0
Indicated	110	454.5	24	345	3.54	51.8	0.55	0.68	236.41	4.26	62.2
Meas & Ind	110	549.9	27	480	4.30	76.1	0.70	0.97	294.2	5.22	92.2
Inferred	110	381.8	23	276	3.92	48.1	0.62	0.82	262.29	4.69	57.5
			TOTAL	FOR REVEL R		WIACKET	ZONES (PP	1771			
Measured	110	0.0	0	ONNEVELN	0.00	0.0	0.00	0.00	0	0.00	0.0
Indicated	110	914.6	59	1,745	0.44	12.9	2.38	7.47	256.51	4.64	136.5
Meas & Ind	110	914.6	59	1,745	0.44	12.9	2.38	7.47	256.51	4.64	136.5
Inferred	110	125.0	61	245	2.57	10.3	2.30	4.59	319.33	5.70	22.9
			TOTAL		DCEUAN		20015 (00		50 CANOL & 1997	0039424	
Measured	110	108.0	39	FOR REVEL R	1.26	4.4	1.70	4,44	214.02	3.89	13.5
Indicated	110	457.2	55	803	1.36	20.0	2.61	4.35	248.78	4.46	65.6
Meas & Ind	110	565.2	52	939	1.34	24.4	2.44	4.37	242.13	4.35	79.1
Inferred	110	30.2	82	80	0.98	0.9	3.60	3.61	250,48	4.49	4.4
			TOTAL FO	OR REVEL RID	GE MAIN 2	ZONE EXTER	NSION (RR	MEX)			
Inferred	110	64.2	6	12	2.27	4.7	0.05	0.02	122.00	2.36	4.5

#### Footnote 1 - 6

(1) Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues.

(2) The Inferred Mineral Resource in this estimate has a lower level of confidence than that applied to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that the majority of the Inferred Mineral Resource could be upgraded to an Indicated Mineral Resource with continued exploration, however there is no certainty an upgrade to the Inferred Mineral Resource would occur or what proportion would be upgraded to an Indicated Mineral Resource.

(3) The Mineral Resources in this estimate were calculated using the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") Standards on Mineral Resources and Reserves, Definitions and Guidelines (2014) prepared by the CIM Standing Committee on Reserve Definitions and adopted by CIM Council and CIM Best Practices Guidelines (2019).

(4) The following parameters were used to derive the NSR block model C\$/tonne cut-off values used to define the Mineral Resource:

- Sep 2021 Consensus Economics long term forecast metal prices of Au US\$1,625/oz, Ag US\$22/oz, Pb US\$0.95/lb, Zn US\$1.20/lb

- Exchange rate of US\$0.76 = CAD \$1.00
- Main Zone process recoveries of Au 92%, Ag 88%, Pb 80%, Zn 72%
- Yellow Jacket process recoveries of Au 91%, Ag 80%, Pb 74%, Zn 75%
- Smelter payables of Au 96%, Ag 91%, Pb 95%, Zn 85%,
- Refining charges of Au US\$10/oz, Ag US\$0.50/oz
- Concentrate freight charges of C\$65/t and Smelter treatment charge of US\$185/t
- Mass pull of 5% and 8% concentrate moisture content.

(5) The NSR cut-off of CAD \$110 per tonne was derived from \$75/t mining, \$25/t processing and \$10/t G&A.

(6) Main Zone = AuEq = Au g/t + (Ag g/t x 0.012) + (Pb% x 0.347) + (Zn% x 0.353); Yellow Jacket AuEq = Au g/t + (Ag g/t x 0.011) + (Pb% x 0.325) + (Zn% x 0.372)

## 2021 historic PEA Highlights (using historic resource and metallurgy)

- High-grade underground mine
  - Mill-feed averaging \$300/T NSR value (diluted)
  - Based only on all drilling up to 2012, no optimization
- Years 1-4 mill-feed will average \$400/T NSR (diluted)
- After-tax NPV5.0% of C\$423M and 29.5% IRR
  - US\$1,561/oz Au, US\$20.55/oz Ag, US\$1.07/lb Zn, and US\$0.91/lb Pb
  - After-tax payback period of 2.6 years discounted at 5.0%
- After-tax NPV5.0% CAPEX Ratio of 1.1:1
- Life of mine ("LOM") average annual production of 124,000 oz payable AuEq (89,000 oz Au, 690,000 oz Ag, 37.5 M lbs Zn, 21.2 M lbs Pb)
- LOM all-in sustaining costs ("AISC") of US\$842/oz payable AuEq
- Overall Gold Recovery was 83.5%

#### **2022 Groundbreaking Metallurgical Solution**

- For more than two years, Rokmaster has undertaken numerous metallurgical tests to advance the flowsheet from an initial *overall* gold recovery of 74.3%
- Recent metallurgical test work and repeatable Locked Cycle Tests ("LCT") provided an updated flowsheet that is returning *overall* gold recoveries at 96.8%

Figure1 - Overall Optimized Flowsheet - Tests 24, 25, 26 Average Results



Pressure Oxidation ("POX") is a robust process used to extract gold, copper, zinc, and other metals from refractory mineralization that typically give low recoveries when directly leached. The most common refractory minerals are pyrite and arsenopyrite, which are sulfides that trap the gold within them such as which is present at Revel Ridge. The POX process utilizes the injection of oxygen into slurries at temperatures around 220-230 degrees Celsius and elevated pressures around 440psi, to oxidize and liberate the minerals from refractory matrix. This process has been used since 1985 when it was first put into commercial production at Homestake's McLaughlin mine in California. It has increased in use since that time.

POX was selected as the most feasible processing technology for Rokmasters' refractory precious metal mineralization due to it being the most robust proven technology with "package plants" now being able to be purchased and built, its relatively smaller footprint compared with other oxidative process, its ability to provide a path to achieve high gold recoveries with RRMZ mineralization when compared with other available technologies.

#### **Development of Free Gold:** Gold Zonation Late-Stage Quartz Gold Veins at Deeper RRMZ



- DDH RR21-40 cored a 4 m intercept, 460 m vertically below the 830 m level of Main Zone with: 11.55 g/t Au and 0.021
   % As over a 3 m interval
- Decrease in As content two orders of magnitude below deposit average
- Visible Au grains noted in drillholes RR21-28, 36, and 40
- Au characterized by 50 250 micron grains in quartz veinlets
- Metallic screen analysis has identified another 12 samples from 9 drillholes across the deposit that are classified as coarse gold
- Fosterville Analogue?



#### Fosterville compared to Revel Ridge at same scale



#### **Drilling Km Scale Geochem – Structural Trend**



## 2022 Drilling: RRMZ - RRYZ

#### Targeting Resource Expansion:

- Expand RRMZ 925 m to the southeast
- Expand RRMZ 290 m to the northwest; RRYZ 115 m to NW
- 2022 Drilling: 8,049m
   NQ surface drilling in 25 broadly spaced DDH's
- Average drillhole spacing: ~120 m
- Most (18) of the 2022
   DDH's are outside of 2021 MRE volumes



## **2022 Drilling:** RRMZ - RRYZ



#### **2022 Drilling:** RRMZ – RRYZ NW Expansion



## **Cutting Channel Samples of Main Zone**



## **Corporate and Exploration Highlights 2020-2022**

- 2020-2021 Completed first pass UG program 16,395 m, 75 - 80% hits, expansion of RRMZ
- Identify free gold; quantum change in metal?
- NW expansion of RRYZ.
- 2021 Surface drilling 10,753 m, test new Au volumes, > 5 km of RRMZ trend.
- 2021 UG metallurgical HQ holes, 2,981 m
- Revised NI 43-101 AuEq Resource completed
- Metallurgical Optimization Work ongoing: overall gold recoveries at 96.8%
- 2022 Drilling: Massive expansions of RRMZ to the southeast and northwest, 4,803 m surface and 3609 m underground



## Jack Denny and mascot at Revel Ridge



# **2022** Work Plan and Budget



Revelstoke rail concentrate load-out facility

2 <sup>nd</sup> Option Payment (paid):	\$4,000,000			
>27,000 m surface and underground diamond drilling:	\$7,500,000			
Mine Permitting, Variability Sampling & Metallurgy:	\$500,000			
Update PEA, Mine & mill engineering:	\$500,000			
Contingency	\$1,000,000			
<u>Total year two:</u>	CDN\$13.5 Million			

## **Corporate Objectives, 2022-2023**

- Update PEA by Q/1 2023
- Grow interest of select investors
- Spinout Zinc Copper Newco, trading, Q/1 2023
- Grow deposit size to > 3 M oz AuEq MRE update, Q/1 2023
- Continue drill testing RRMZ at depth, NW, and SE to facilitate further MRE growth into 2023
- Continue engineering, permitting and optimize processing to Pre – Feasibility level.

**Revel Ridge: the Right Targets = Keep Exploring** 

#### (41,980 m drilled in 2020-2022 and growing)





## **RKR Tier One Pipeline**

- PEA (Update) Stage: Orogenic Au Revel Ridge: ~2.5 Million oz AuEq, in all categories - Including 10's km exploration targets
- Advanced Prospect: CRD Duncan Lake Zn Ag, proven metallogenic belt: ~30 Million tonne target
- Drill Ready Prospect: Sediment hosted Cu/Ag: Big Copper: ~40 Million tonne target

## **RKR Project Pipeline: Duncan Lake CRD Ag/Zn**

- Major metallogenic belt, dozens mines & occurrences, Kootenay Arc Zn-Pb-Ag
- Duncan Lake President zonation Zn to Ag





#### RKR & Ag/Zn Duncan > 10 km Regional Zn - Ag Trend

- 5 major Zn Ag occurrences on RKR property
- Road access, excellent infrastructure
- Drill ready Tier 1 targets



## RKR & Silver – Zinc: Duncan North – President Zone

C89-5: 7.1% Zn and 4.6% Pb over 8.0 m

C91-7:11.4 % Zn and 0.8% Pb over 4.8 m

C97-12: 6.2% Zn and 6.3% Pb over 7.5 m

2022: Three drillholes totalling 681.2 metres

D22-02: 2.06% Zn, 2.56% Pb, and 8.38 g/t Ag over 20.85 m



#### **RKR Project Pipeline: Big Copper Sediment Hosted Cu - Ag**

- Cu demand: price escalation \$4.50/lb
- Cu supply: exploration escalation
- Known occurrence: 4.5 km Cu trend,

Cominco drilling, 1965:

- 4.4 m of 3.30% Cu, within
  29.7 m of 1.4% Cu (no Ag assays)
- 4.1 m of 1.20% Cu (no Ag assays)

Permitted for drilling 2023

