



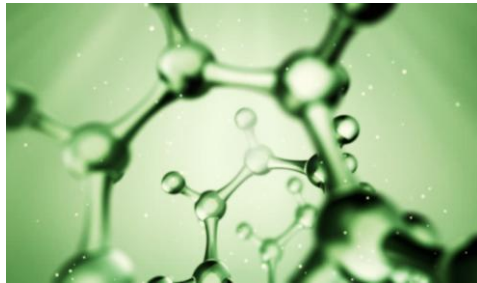
Changing the Way the World Mines **Gold**...

Cautionary Statement Forward-Looking Information

This presentation contains "forward-looking information" within the meaning of applicable securities laws that is intended to be covered by the safe harbors created by those laws. "Forward-looking information" includes statements that use forward-looking terminology such as "may", "will", "expect", "anticipate", "believe", "continue", "potential" or the negative thereof or other variations thereof or comparable terminology. Such forward-looking information includes, without limitation, the Company's expectations, strategies and plans for the Company's proprietary technologies, and the Royal Vindicator Gold Mine, including the Company's planned research, development, expenditures, and exploration activities. Forward-looking information is not a guarantee of future performance and is based upon a number of estimates and assumptions of management at the date the statements are made.

Furthermore, such forward-looking information involves a variety of known and unknown risks, uncertainties and other factors which may cause the actual plans, intentions, activities, results, performance or achievements of the Company to be materially different from any future plans, intentions, activities, results, performance or achievements expressed or implied by such forward-looking information.

The Company cautions that there can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, investors should not place undue reliance on forward-looking information. Except as required by law, the Company does not assume any obligation to release publicly any revisions to forward-looking information contained in this presentation to reflect events or circumstances after the date hereof.



WHAT WE DO

a clean-tech innovator that has developed a patent pending formula which offers the only viable alternative to the use of toxic cyanide in the gold mining sector....

Chester F. Millar, Chairman of the Board - Chester Millar, as an inductee of the **Canadian and Mexican Mining Hall of Fame**, has few equals as a builder of junior companies. He discovered and founded the **Afton Mine**, served as Chairman of **Glamis Gold** from 1985 to 1998 and as Chairman of **Eldorado Gold**.

Duane A. Nelson, Director, CEO - Mr. Nelson was a founder, and past Director of **EnviroMetal Technologies** Inc. Mr. Nelson stepped down in 2022 with a vision to build a unique, clean-tech-focused mining technology company. He was the CEO and co-founder of **SilverMex Resources** Inc., a past TSX listed gold and silver producer which was sold for \$235M, and he is the founder of **Quotemedia**, one of North America's premier market data providers.

Joseph Ovsenek, Director - Joe was President and CEO of **Pretium Resources Inc.** where he led the advancement of the high-grade gold **Brucejack Mine** which has been operating profitably since commercial start-up in 2017. Joe began his nine-year tenure at **Pretium** in 2011 as Chief Development Officer and led the over \$2B financing.

Grant Bond, CPA, CA., Chief Financial Officer - Mr. Bond is a Chartered Professional Accountant (CPA, CA) with more than 12 years of financial management experience in the mining industry. He has an extensive background in financial and risk management, financial reporting and SOX compliance.

Darryl J. Yea, Director - Darryl has over 35 years of diverse experience in operations, investment banking, corporate finance, and venture capital with public and private companies in several industries. Including President & Chief Executive Officer of C.M. Oliver Inc. (TSX: OLV), a national financial services organization,

Janet L. Sheriff, Director - Janet brings 25 years of senior management industry experience to her role as Executive Vice President. Ms. Sheriff previously served as Chief Executive Officer of **Golden Predator Mining** and President of **enCore Energy Corp**

Hanif Jafari, M.Eng., CTO - Mr. Jafari holds a Master of Engineering in Mining and Mineral Processing from the University of British Columbia. Proficient in construction, value chain analysis, and strategic growth planning across diverse domestic and international markets. Mr. Jafari has over 8 years in hydrometallurgical research.

Reza Kafaei, CIO - Mr. Kafaei has over 15 years' experience in mining, mineral processing, operations, production, quality control, and metallurgical laboratory analytics. Reza has a master's degree in mining engineering. Mr. Kafaei has extensive experience in hands-on metallurgical processes.

Bruce Bried, Director - Mr. Bried is a mining engineer with over 28 years' experience in the engineering, development, operation, reclamation, and management of producing mines. Including **Dickenson Mines Ltd.**, (now **Goldcorp**), KamKotia Arthur White Mine in Red Lake.

Michael Cowin, Director - Mr. Cowin has 20 years of investment banking and investment experience. Since 2007, he has been a director of **Northcape Capital**, a boutique investment fund based in Australia which manages over A\$8.0 billion.

William R. Sheriff, Advisory Board – Bill is an entrepreneur and visionary with over 40 years' experience in the minerals industry and the securities industry and has been responsible for significant capital raises along with corporate development. President CEO of **enCore Energy**, USA's largest Uranium producer.

Keith Peck, Advisory Board - Mr. Peck is a consultant with Holnik Capital Inc. He was previously chairman and chief executive officer of Lincoln Peck Financial Inc. Keith has over 35 years of investment banking experience, including as Vice-president and Director of **RBC Dominion Securities Inc.**, **Haywood Securities Inc.**, and Vice-Chairman of **Yorkton Securities Inc.**

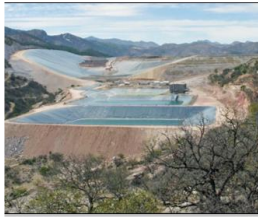
- Gold mining sector market size Est \$200B
- Strong industry growth rate
- Gold trading at all time high prices
- Global gold grades continue to decline forcing innovation
- Industry now prioritizes ESG/sustainability initiatives
- 90% of global gold production relies on the use of \$2B of cyanide with no viable alternative

- Highly toxic – Lethal at 0.2 mg/kg, causes massive fish kills.
- Spill disasters – Victoria Gold, Baia Mare, Summitville, etc.
- Regulatory bans – Banned in Germany, Czech Republic, and many states.
- Rising costs – Cyanide destruction adds \$2–\$5/tonne.
- Cyanide spills are costly
- Alternatives emerging – thiosulfate, iodide, bromide, and chloride-based methods are unstable, expensive, and/or toxic

- Scalable, water-based, nontoxic formula
- Similar performance and cost to cyanide
- Similar process/infrastructure to cyanide – seamless integration
- Sustainable and stable solution
- Broad applicability spectrum (Cu/Au, sulfides)
- Patent-pending formula
- Effective on low-grade ores, concentrates, and tailings
- Unlocks value of environmental and politically stranded assets
- Potential operating savings (insurance, remediation, etc.)

	Cyanide	RZ ^{LV}
High gold recoveries	YES	YES
Fast leach kinetics	YES	YES
Low-cost gold recoveries	YES	YES
Simple operation	YES	YES
Simplified permitting process	NO	YES
Environmentally safe, nontoxic & sustainable	NO	YES
No potential for dangerous off gassing	NO	YES
Applicable on copper/gold complex ores	NO	YES
Applicable on sulfide ores	NO	YES
Nontoxic and safe to handle	NO	YES
Low monitoring & remediation costs	NO	YES

Gold Recovery – Broad Application Spectrum



Heap Leaching



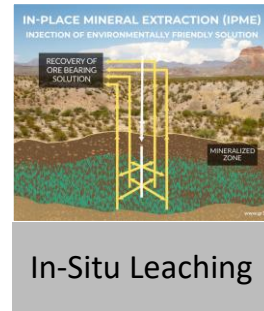
Vat Leaching



Tank Leaching

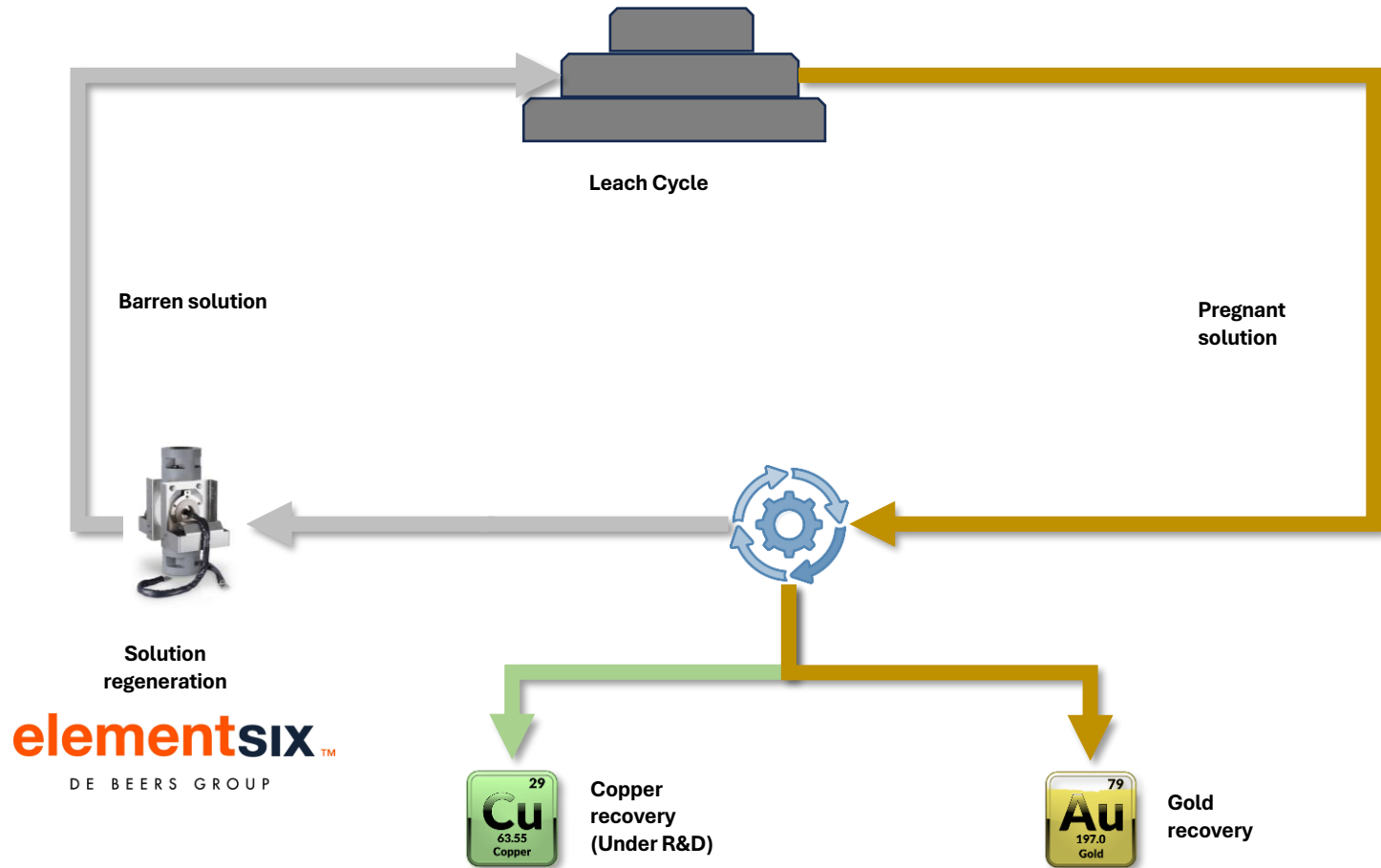


Concentrates



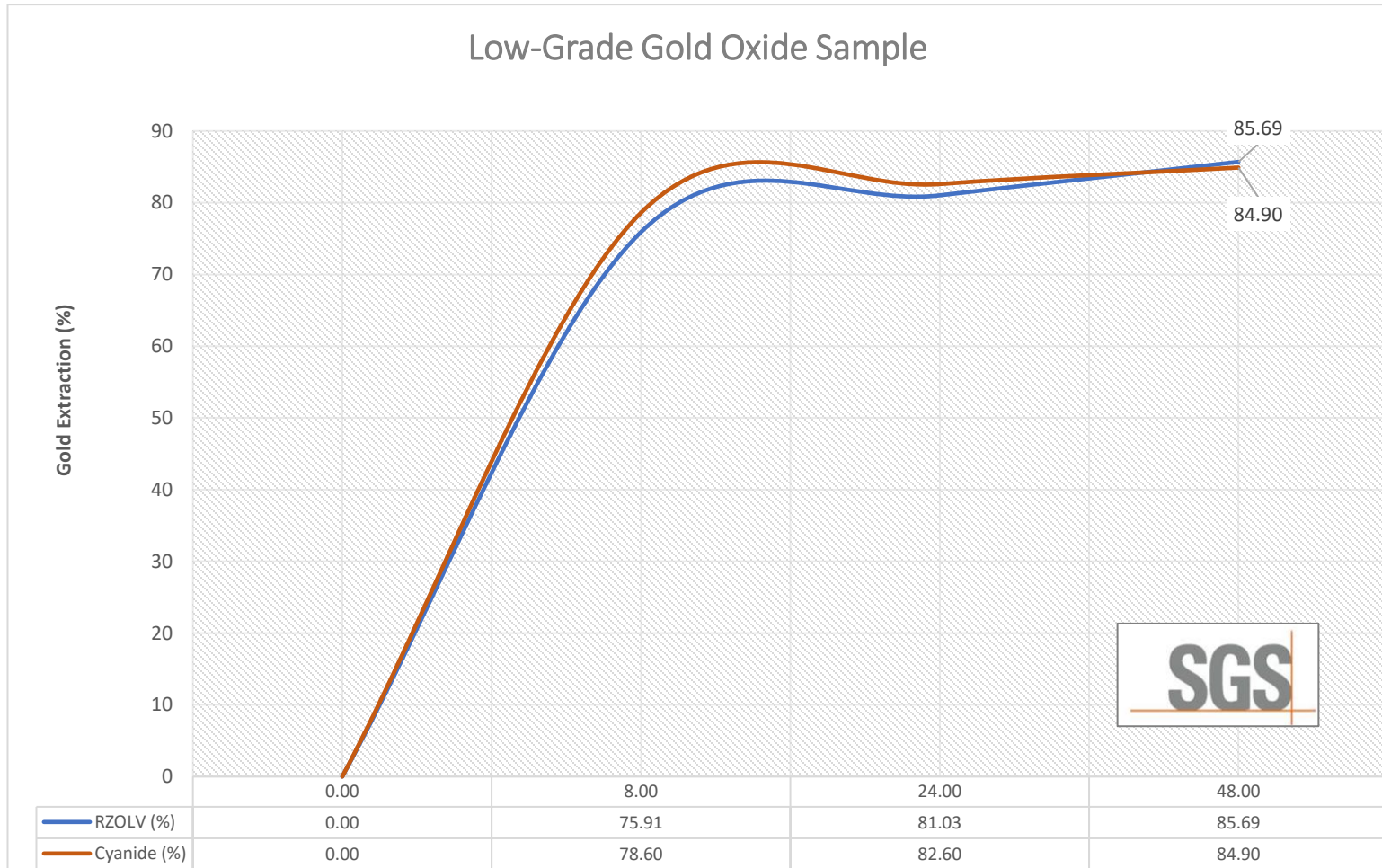
In-Situ Leaching

Includes: Whole ore, ground ore, concentrates, Post POX/SOX treated ores, and tailings...



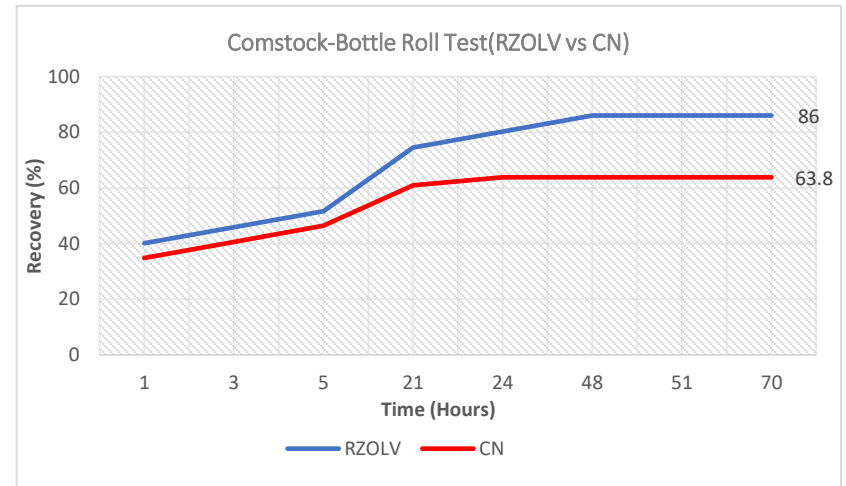
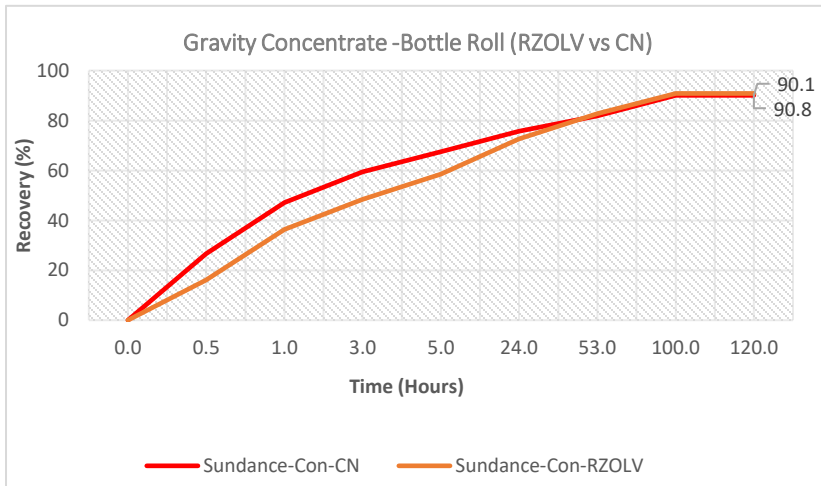
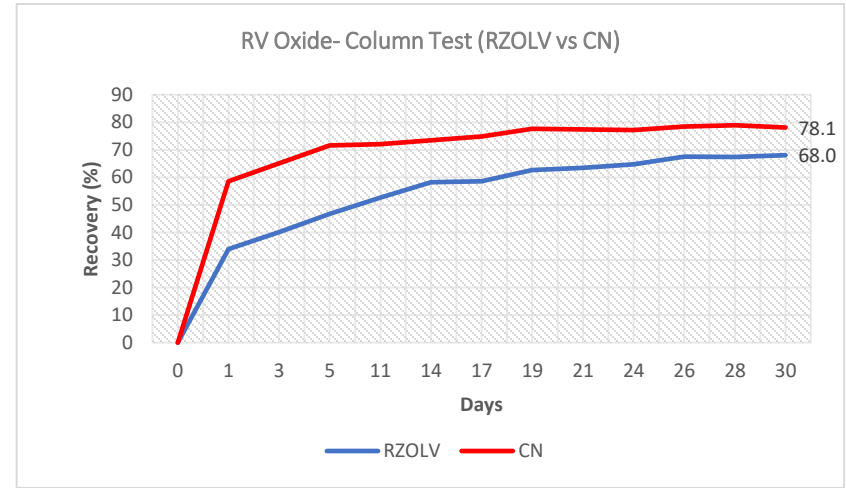
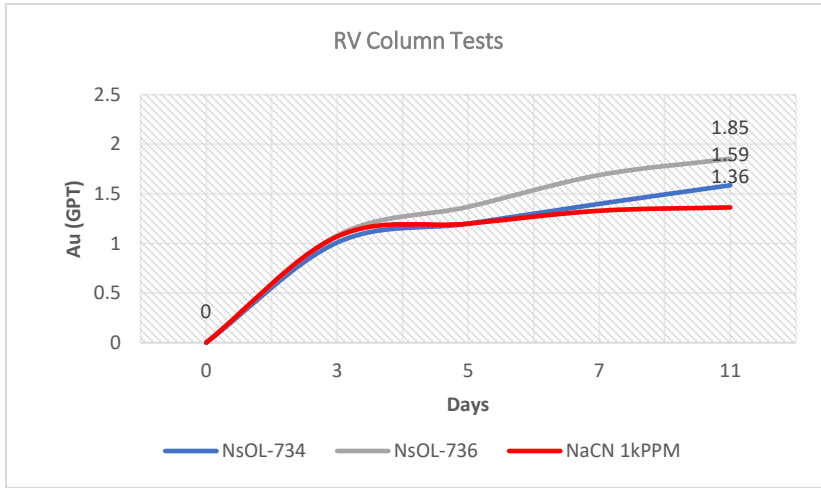
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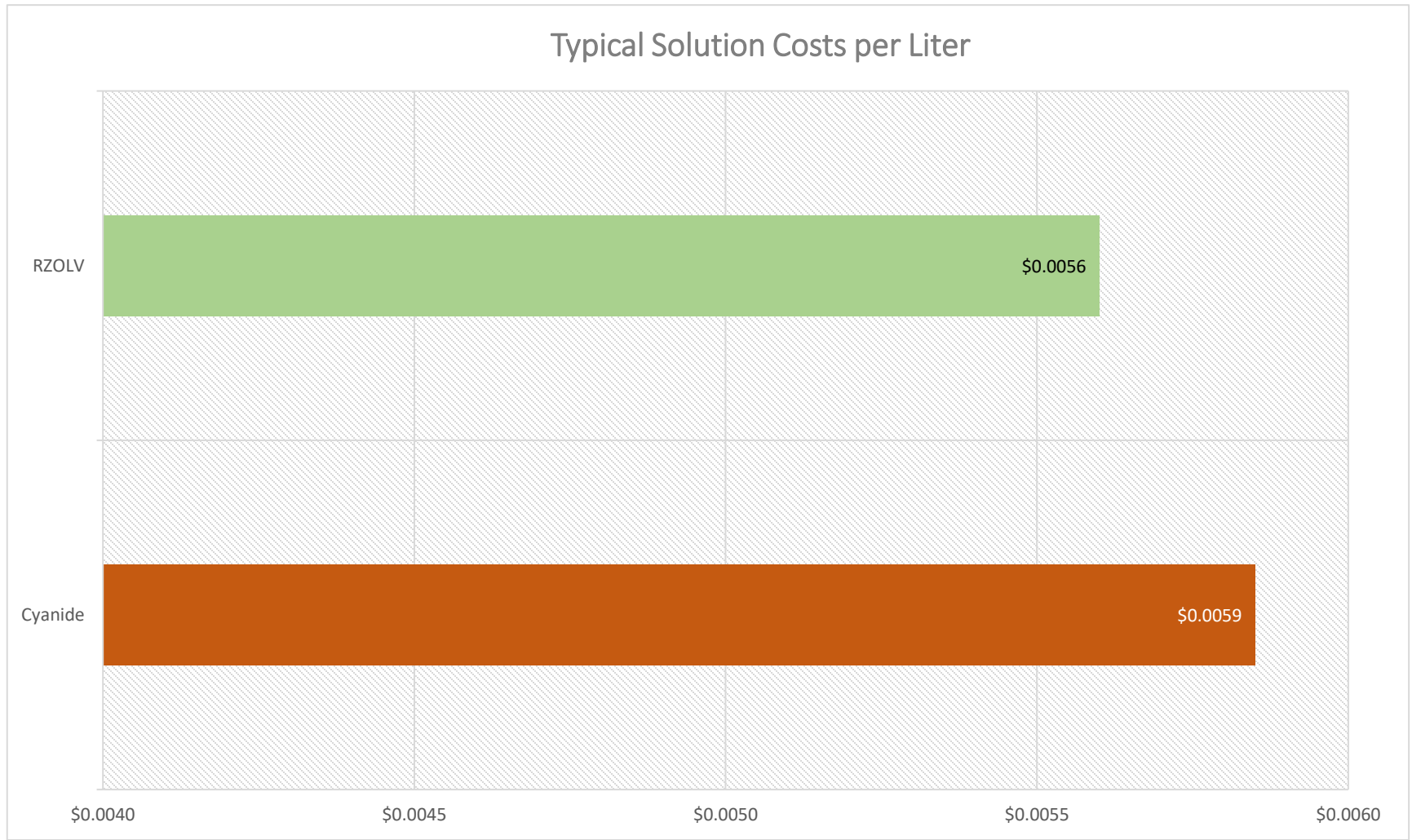
Sample Gold recovery comparison between RZOLV Vs. Cyanide on Low-Grade Oxide Sample



Independent laboratory validation tests performed by **SGS Labs**:

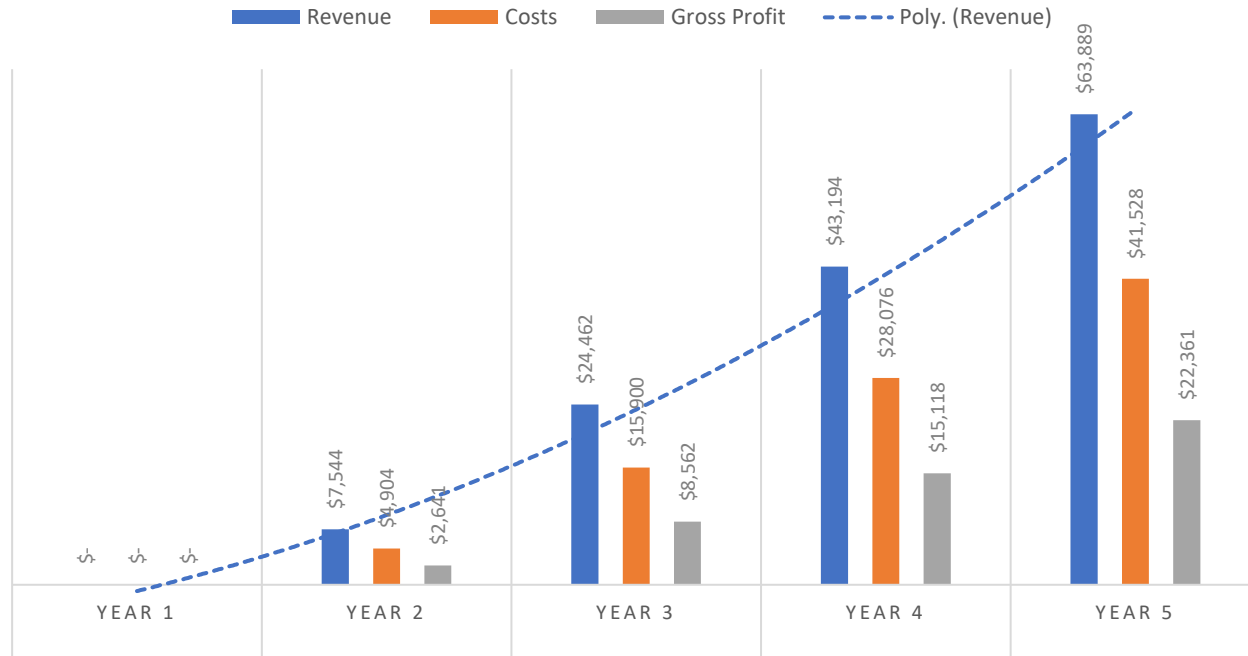
Sample Gold recovery comparison between RZOLV Vs. Cyanide



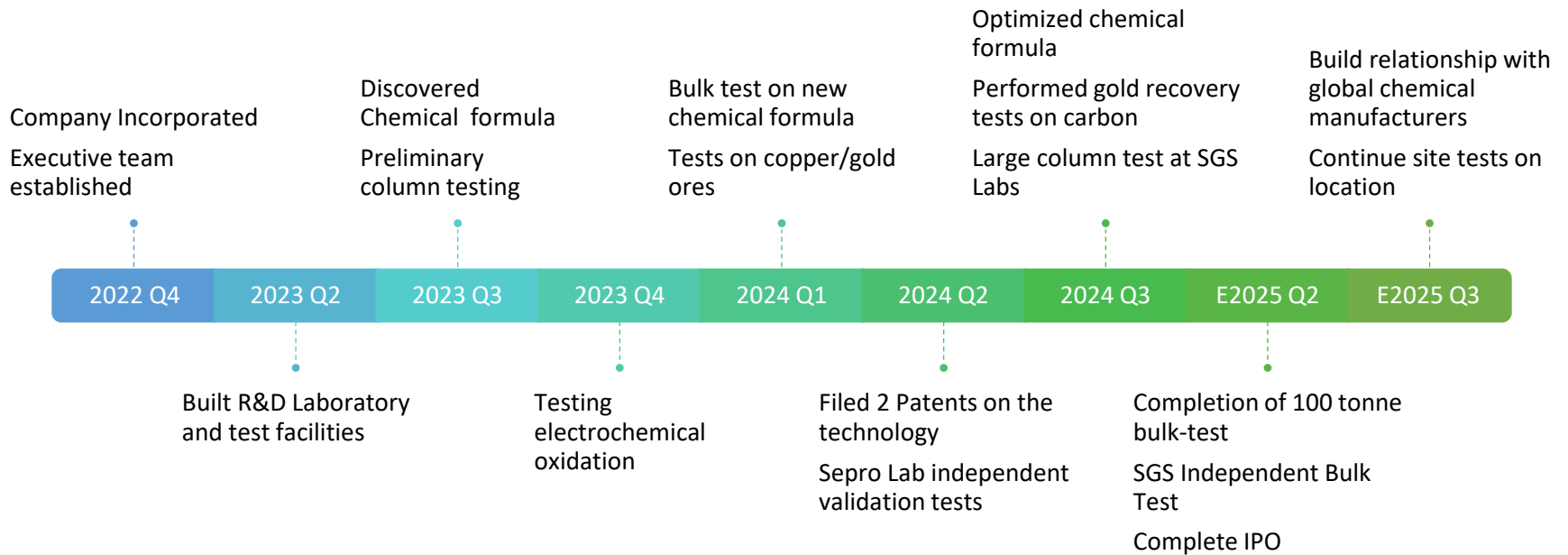


Note: Leach kinetics, recoveries, and costs, are similar to cyanide and subject to numerous factors.

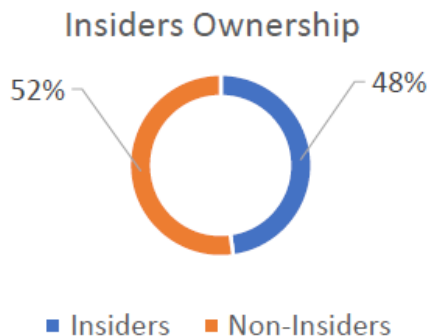
REVENUE/COSTS/EBITDA – 2% PENETRATION



Sensitivity Analysis - Market Penetration		1%		5%		10%		25%	
Annual Revenue	\$	18,443,752	\$	92,218,759	\$	184,437,517	\$	461,093,793	\$
Operating Costs (EST at 50% of REV)	\$	11,988,439	\$	59,942,193	\$	119,884,386	\$	299,710,965	\$
General & Admin (EST at 5% of REV)	\$	922,188	\$	4,610,938	\$	9,221,876	\$	23,054,690	\$
Net Profit	\$	5,533,126	\$	27,665,628	\$	55,331,255	\$	138,328,138	\$







Financing Details – Capitalization Table

Shareholders	Financing Round	Issue Date	Shares Issued	Price per Share CAD	Gross Proceeds	Percentage Ownership	MCAP Valuation
Founders	Pre-Seed	2022-12-01	18,720,000	\$0.03	\$468,000	48%	\$468,000
Insiders & Public	Seed	2023-04-01	12,860,000	\$0.10	\$1,286,000	33%	\$3,158,000
Insiders & Public	Seed	2024-02-10	4,444,000	\$0.25	\$1,111,000	11%	\$9,715,250
Insiders & Public	Current	2025-02-20	2,837,000	\$0.50	\$1,418,500	7%	\$19,430,500
Total			38,861,000		\$4,283,500	100%	\$19,430,500

- Company founders and insiders own approximately 48% and will be subject to escrow and/or earnout provisions
- Current round is a unit offering and includes one share @ \$0.50 and one warrant exercisable at \$0.75 for 2 years
- IPO scheduled Q2 2025 for \$5 Million Prospectus Offering