

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, including the Company's planned research, development, expenditures, and testing 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.

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WHAT WE DO

A clean-tech innovator commercializing a disruptive, non-toxic alternative to the \$2.5B of cyanide used in gold mining every year...

- \$2.4B of Cyanide is used annually in over 90% of global gold production
- There is **NO** viable option available
- It is toxic to humans and wildlife
- Difficult to permit
- Prohibited in many countries
- Cyanide is not effective on all ores and concentrates
- Sector is motivated and actively seeking alternatives
- Positive results on **Critical Minerals** and **Rare Earth Elements**

- Developing the only viable alternative to cyanide for gold mining
- Disruptive technology – potential game changing technology
- Invested over 3 years and \$4.2M in research and development
- Patent pending formula with high recoveries and fast leach kinetics
- Thousands of lab-scale and pilot scale tests completed
- Proven and validated recoveries by **SGS Labs**
- Similar performance and price to cyanide

Feature	Advantages	Benefits
Non-Toxic formula	<ul style="list-style-type: none"> • Ease of permitting • Lower operating costs • Enhanced ESG profile • Benign tailings 	<ul style="list-style-type: none"> • Unlocks value of deposits • Improves mine economics • Enhanced community relations • No cyanide destruct circuit required
High Performance	<ul style="list-style-type: none"> • High recoveries • Fast kinetics • Stable solution • Stable gold complex 	<ul style="list-style-type: none"> • Improves mine economics • Higher efficiencies • Lower costs • High reliability
Simple Process	<ul style="list-style-type: none"> • Simple operation • Conventional carbon recovery • water-based chemistry 	<ul style="list-style-type: none"> • No complex equipment or infrastructure • Simple integration to existing mines • Low-cost, low-impact
Wide Applicability Spectrum	<ul style="list-style-type: none"> • Works on most ores • Effective on complex ores • Effective on high-grade concentrates 	<ul style="list-style-type: none"> • Unlocks value of stranded deposits • Effective on sulfide and gold/copper ores • Reduces reliance on external smelters • Lowers costs



	Cyanide	RZOLV
High gold recoveries	YES	YES
Fast leach kinetics	YES	YES
Low-cost gold recoveries	YES	YES
Non-toxic	NO	YES
Simplified permitting process	NO	YES
Environmentally safe & sustainable	NO	YES
No potential for dangerous off gassing	NO	YES
Functions in the presence of copper	NO	YES
Applicable on sulfide ores	NO	YES
Safe to handle and transport	NO	YES
Low monitoring & remediation costs	NO	YES
Potential for In-situ leaching	NO	YES

Processing Method	% of Global Gold Production	Value (USD)
✓ Heap Leaching	40.0%	\$ 87.96 B
✓ Vat Leaching	10.0%	\$ 21.99 B
✓ Flotation Concentrates	11.0%	\$ 24.19 B
✓ Gravity Concentrates	4.0%	\$ 8.80 B
✓ Artisanal Mining	12.0%	\$ 26.39 B
✓ Post-Oxidized Materials	3.0%	\$ 6.60 B
✓ CIP/CIL with Milled Ore	20.0%	\$ 43.98 B
	100.0%	\$ 220.00 B



Tank Leaching



Heap Leaching



Vat Leaching



Concentrates

Unlocking Value Across Multiple Feedstocks



Low & High Grade Ores

- Heap & Vat Leaching
- Tank Leaching
- CIL/CIP



Ore Concentrates

- Gravity
- Flotation
- Table Tails



Critical Minerals

- Rare Earth Elements
- Critical Minerals
- Battery & Energy Metals



Tailings & Waste Streams

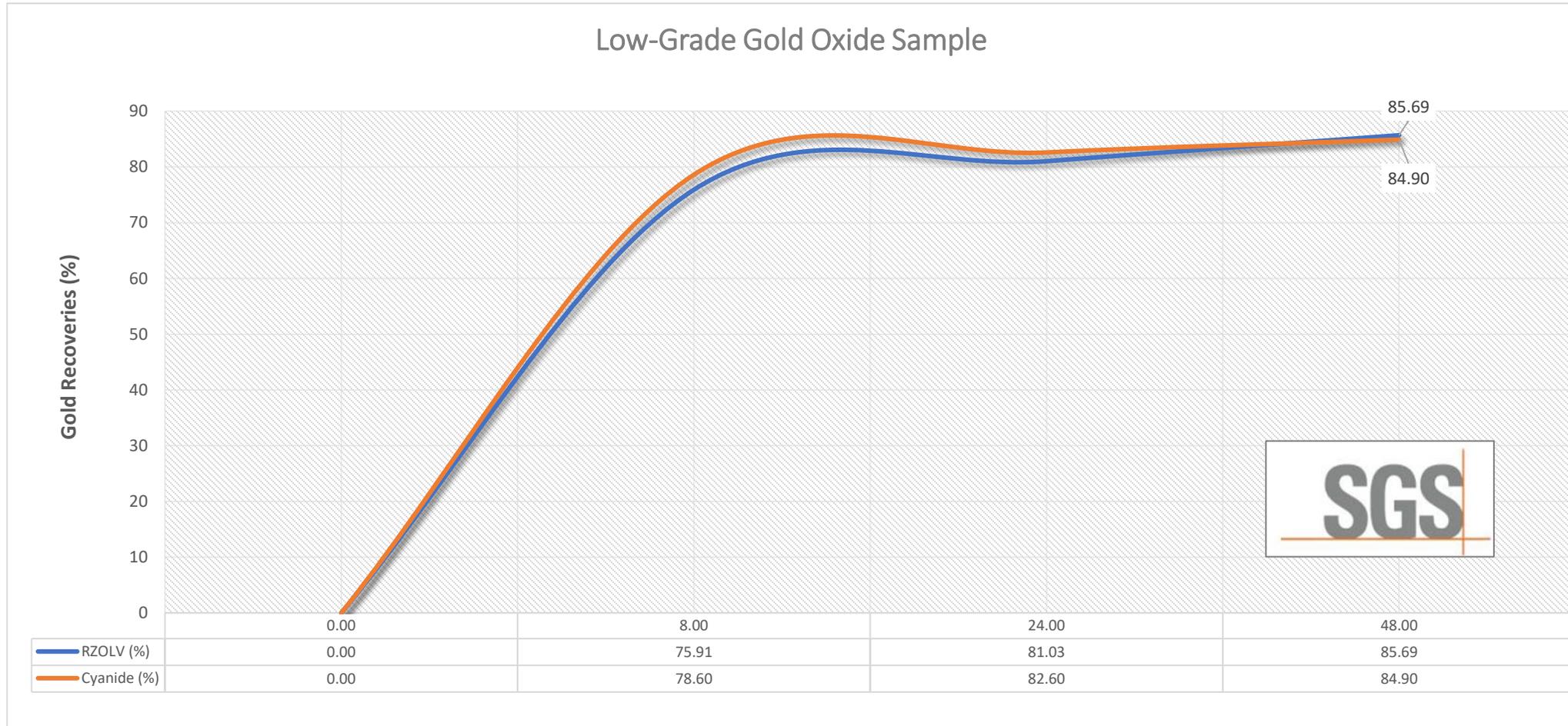
- Legacy Tailings
- Heap Pads & Mine Waste
- Acid Generating Waste



Electronic Waste

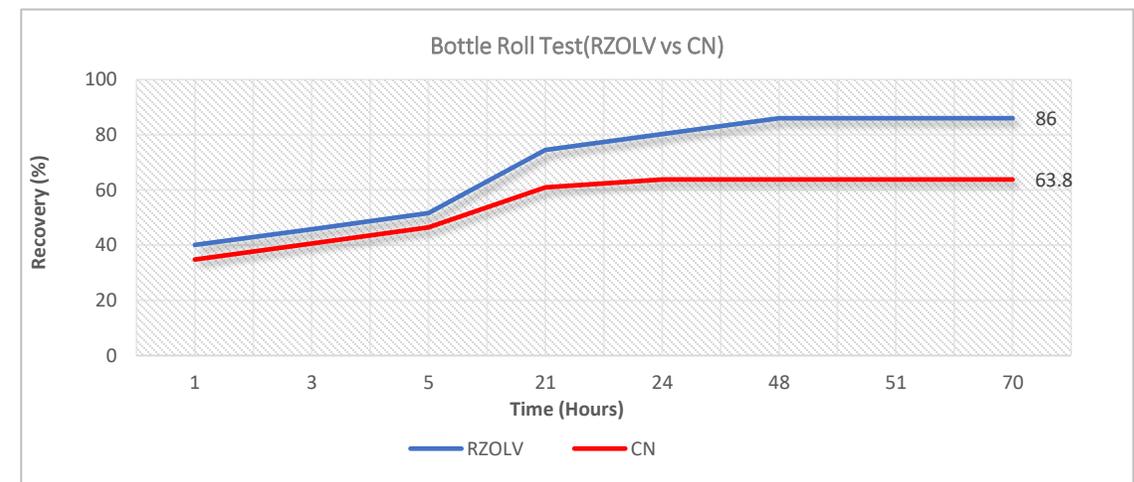
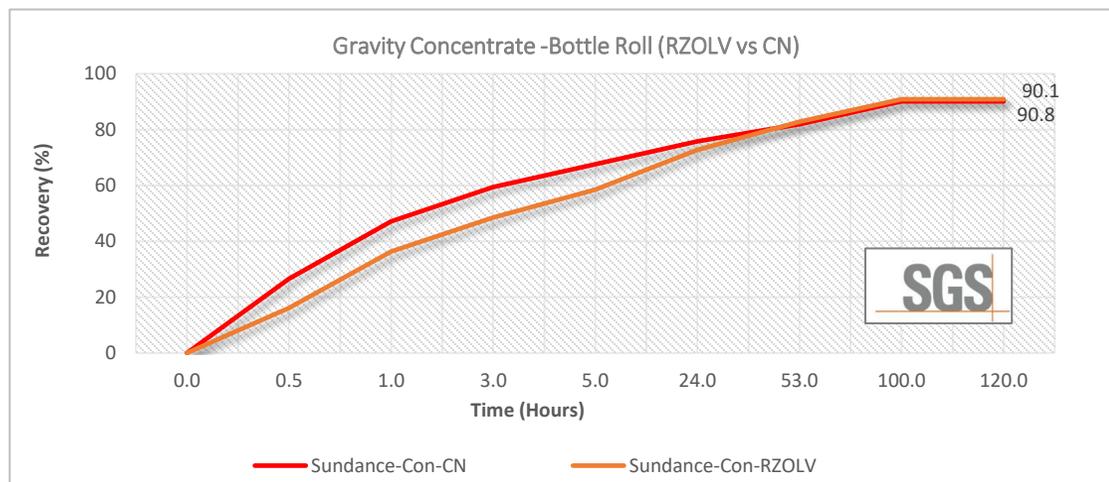
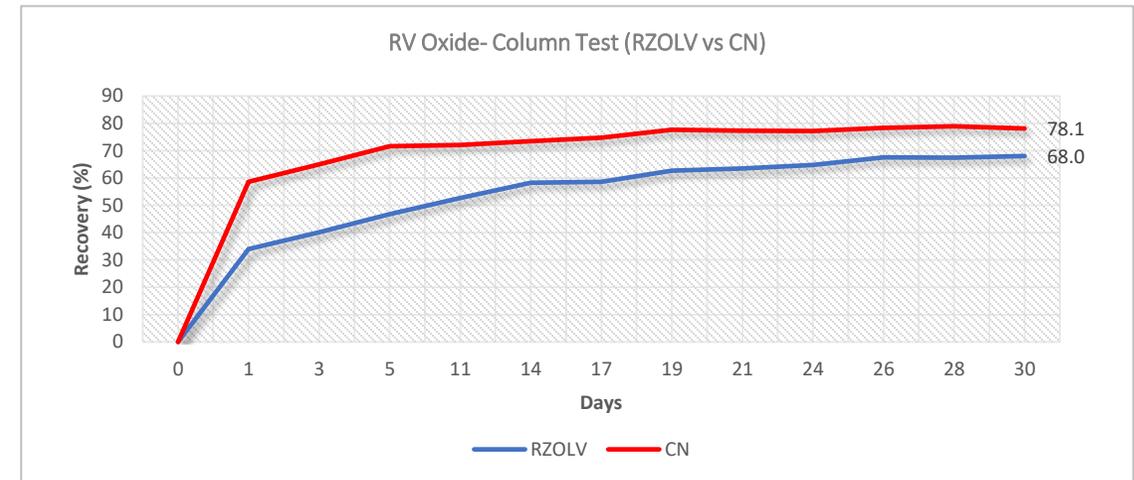
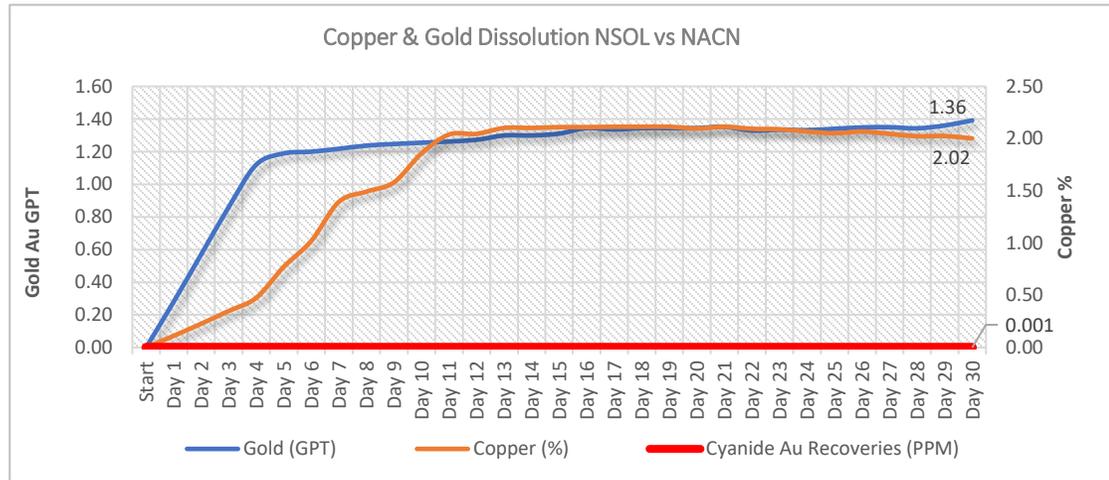
- Solar Panels
- Circuits & Connectors
- Precious Metals Scrap

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



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

Sample Gold Recovery Comparison - RZOLV Vs. Cyanide

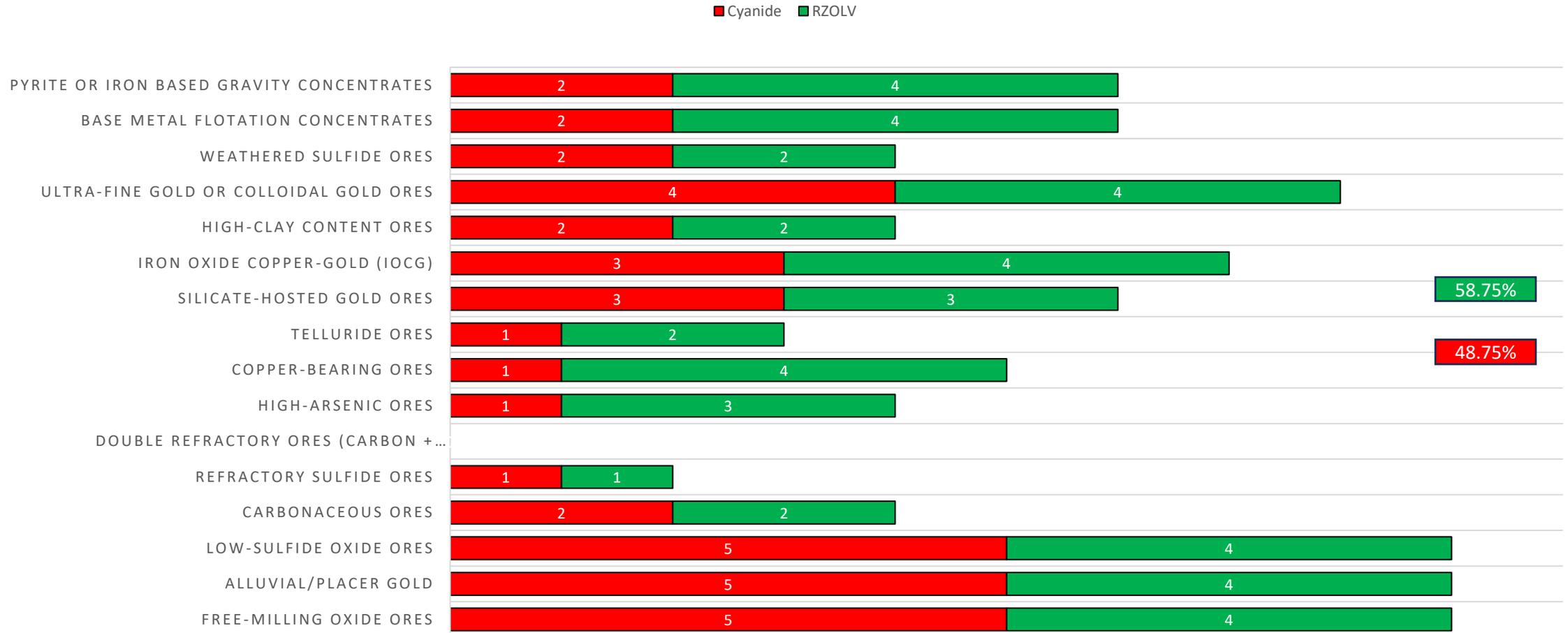


- ✓ Simple set up and integration
- ✓ Uses existing infrastructure
- ✓ Simple process
- ✓ Conventional gold recovery to carbon
- ✓ Chemicals regenerated and reused
- ✓ No cyanide destruct circuit required



RZOLV vs Cyanide - Ore Compatibility Index

RZOLV VS CYANIDE GOLD RECOVERIES BY ORE TYPES (SCORE = 0 TO 5)

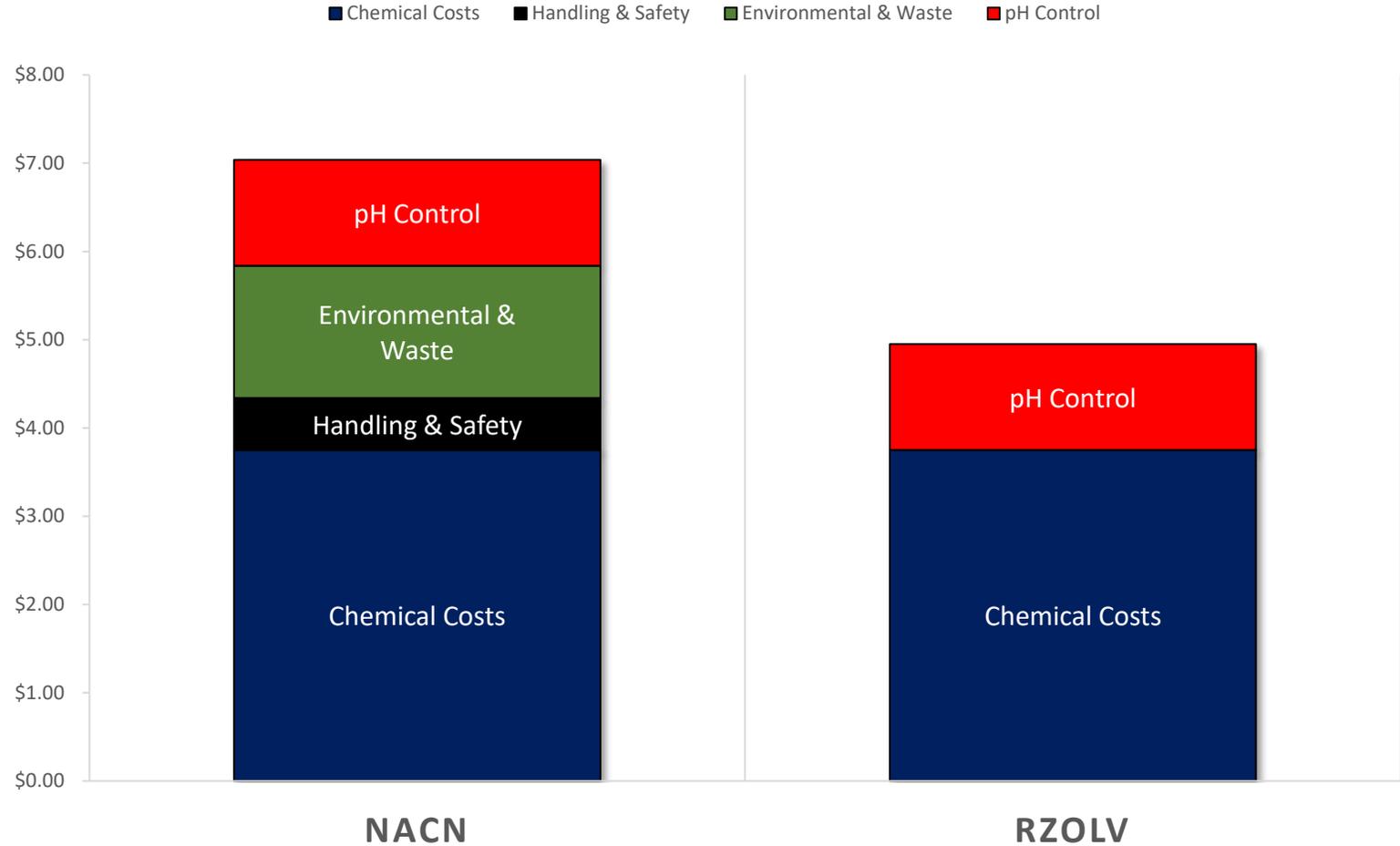


*The data displayed herein is based on sources and AI-based composition that management believes to be accurate. The illustrated results generalize the overall compatibility of both solutions in the various ore types, but each ore has individual characteristics that will affect the outcome and as such this data should not be relied upon.

RZOLV vs Cyanide - Associated Costs



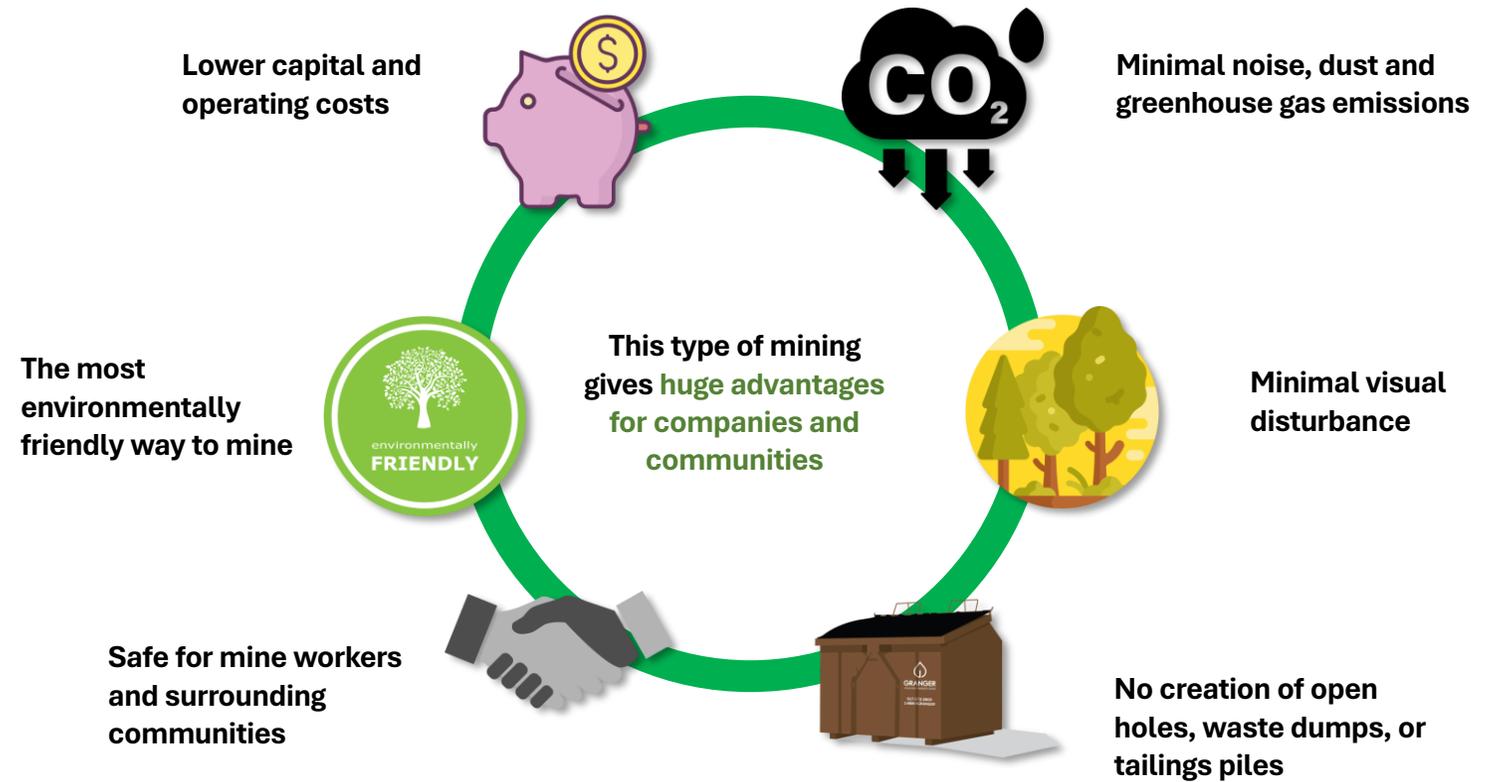
EST OPERATING COSTS PER ORE TONNE NACN VS RZOLV



* Does not include costs of site remediation, bonding, mine insurance, D&O insurance, etc. Assumes \$2,500/Tonne NaCN & \$1,250/Tonne RZOLV) (assumes application rate of 1.5kg/T ore NaCN & 2.5 kg/T ore RZOLV).

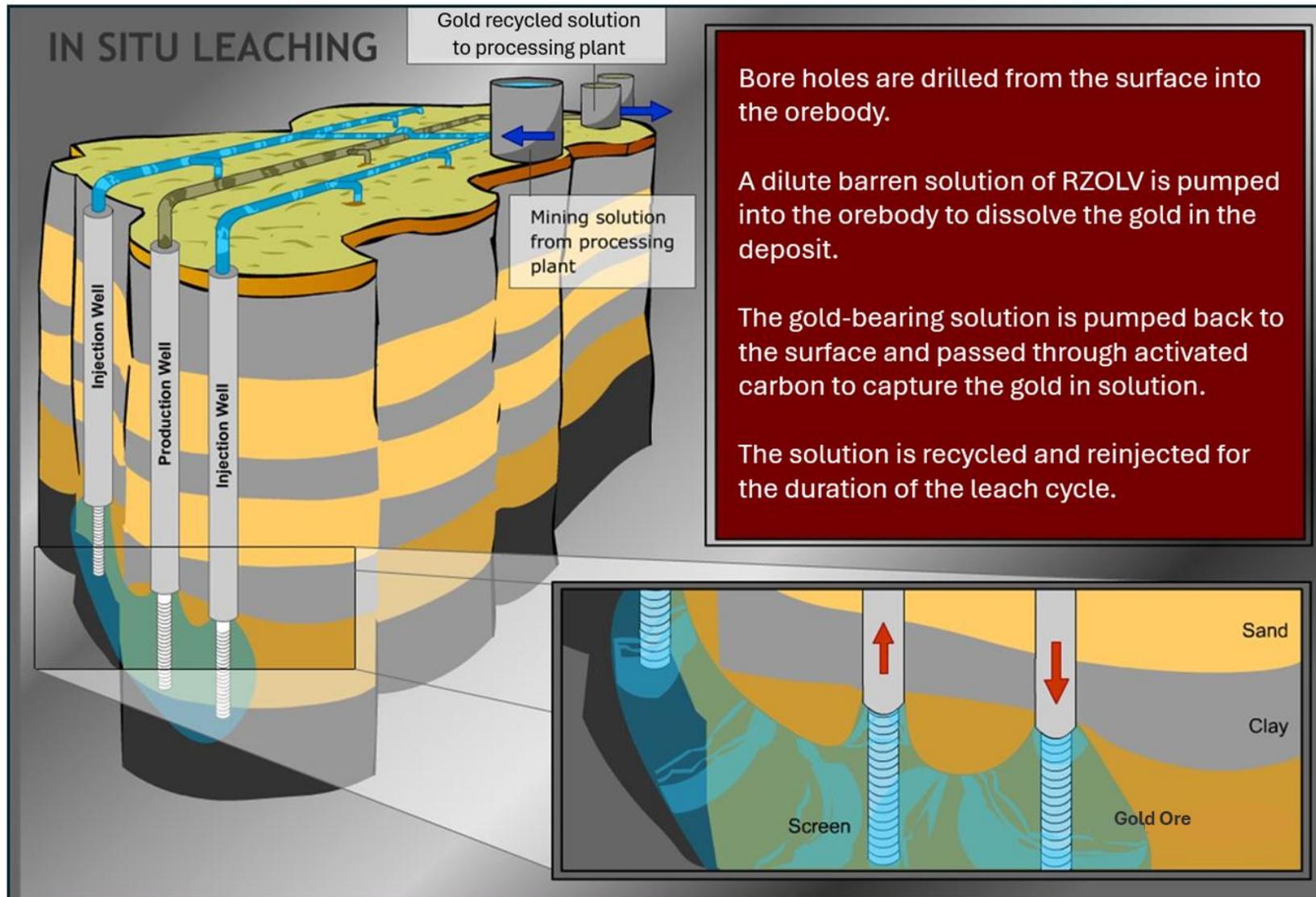


Mining without moving a rock...



In Situ Mining is a proven mining method with significant benefits for companies and the environment, all without moving a single rock...

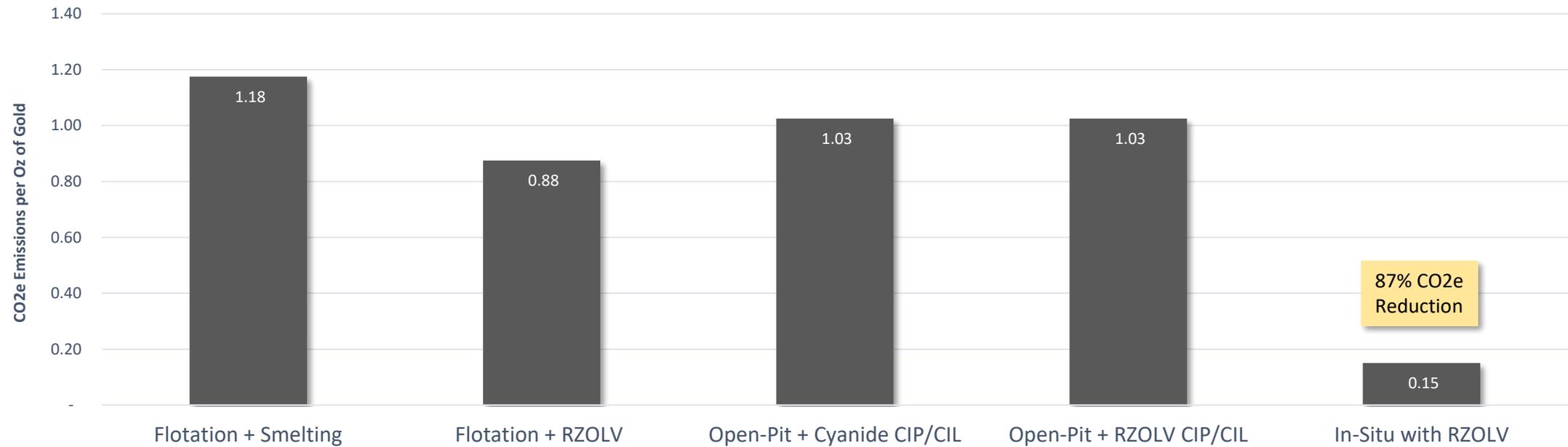
Potential for Low Impact Mining – In-Situ Recovery



Gold Mining Contributes 0.5% of all Global GHG Emissions

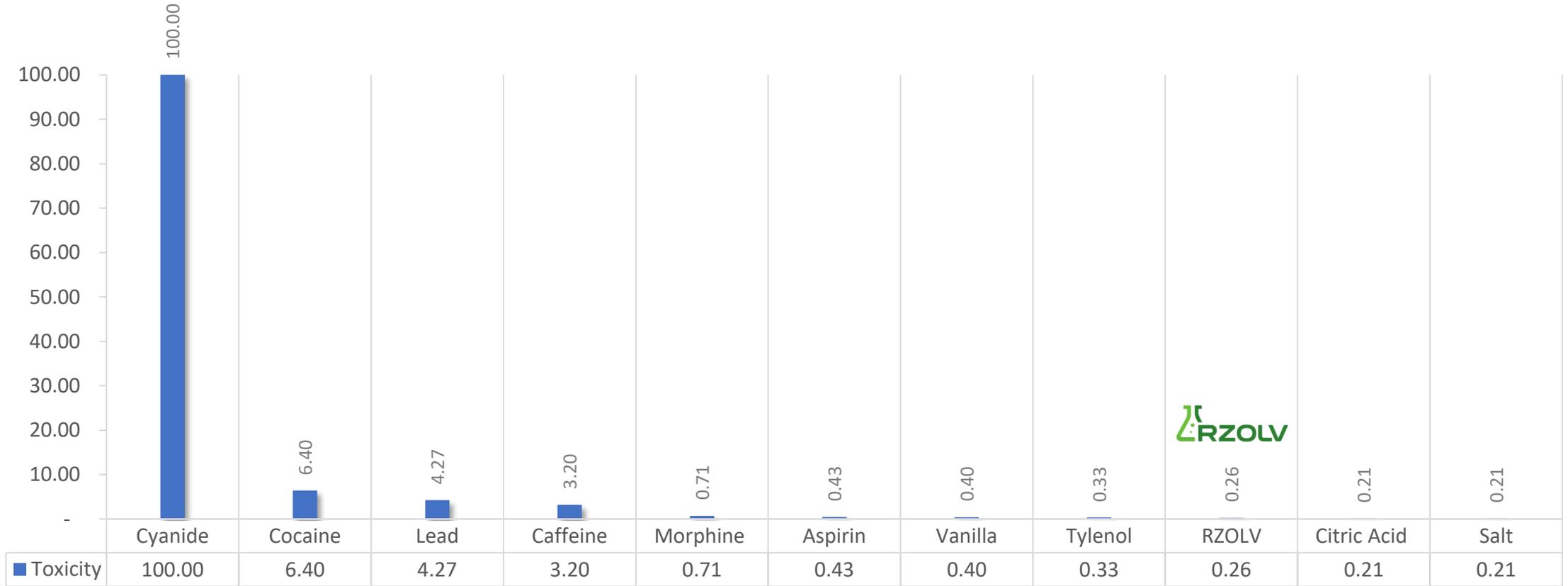
CO₂e Emissions per Oz of gold = 0.8 to 1.5 tonnes or a total of 126.4 million tonnes (Mt) CO₂e for the Sector...

CO₂e by Gold Production Method (tCO₂e per oz Au):



* When powered by renewables (e.g., solar + battery systems), RZOLV-based in-situ operations can approach near-zero emissions.

TOXICITY LEVEL (LD50) COMPARATIVE MATRIX $((100/X)*6.4)$

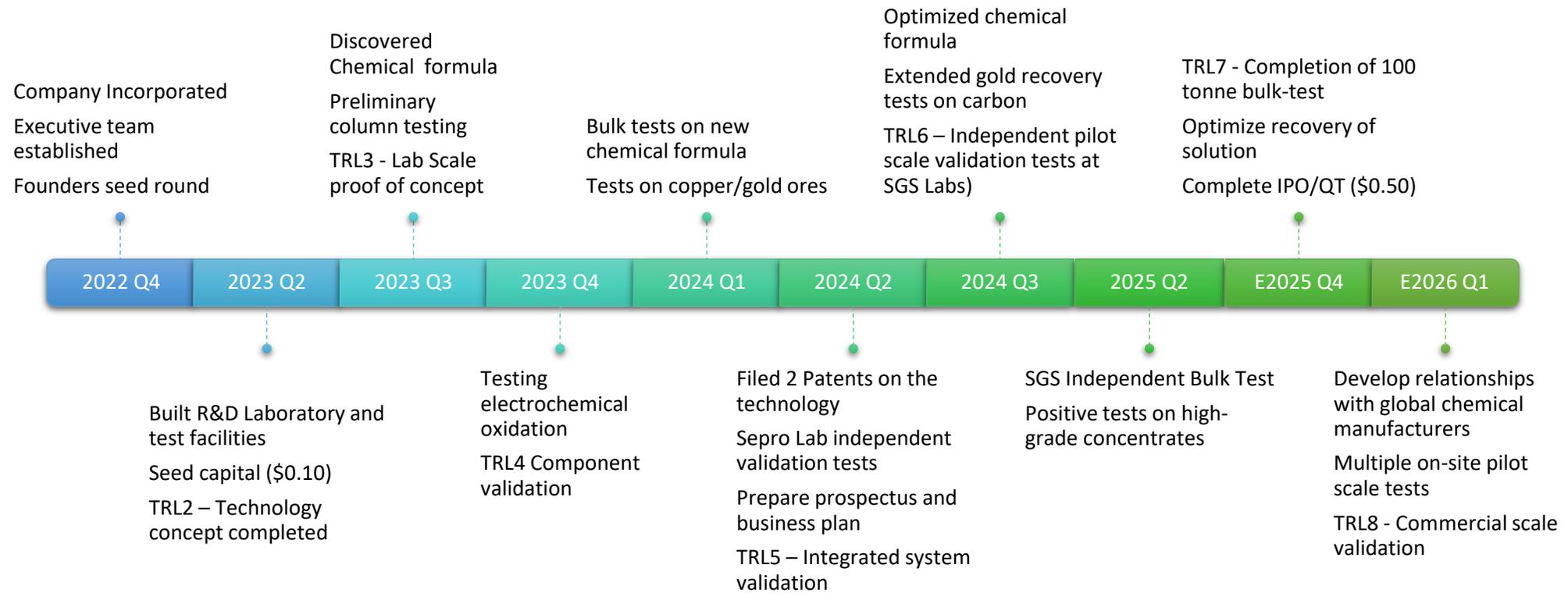


Preliminary tests indicate positive recoveries of Critical Minerals and Rare Earth Elements

Element Name	Element Symbol	Net Recovery %	Element Name	Element Symbol	Net Recovery %
Cerium	Ce	73.50%	Lanthanum	La	40.74%
Manganese	Mn	64.26%	Holmium	Ho	40.30%
Cobalt	Co	60.00%	Erbium	Er	38.10%
Chromium	Cr	47.35%	Nickel	Ni	36.36%
Gadolinium	Gd	45.00%	Vanadium	V	33.33%
Samarium	Sm	44.12%	Lutetium	Lu	33.33%
Yttrium	Y	43.55%	Thulium	Tm	31.43%
Europium	Eu	43.48%	Uranium	U	27.59%
Neodymium	Nd	43.48%	Tellurium	Te	27.34%
Terbium	Tb1	42.86%	Beryllium	Be	26.24%
Dysprosium	Dy	42.81%	Indium	In	23.53%
Praseodymium	Pr	42.25%	Ytterbium	Yb	22.58%

** These results are preliminary in nature and are based on 72-hour bottle roll tests using the standard un-optimized RZOLV formula with no reagent modifications. Results may vary for each mineral subject*

Value Drivers



Board of Directors & Advisors

Robert (Bob) Archer, P. Geo - Mr. Archer has more than 40 years' experience in the mining industry, working throughout the Americas. After spending more than 15 years with major mining companies, Mr. Archer held several senior management positions in the junior mining sector and co-founded Great Panther Mining Limited, a mid-tier precious metals producer.

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 **\$8.0B**.

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,

Chester F. Millar, Advisory 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 Founder and Chairman of Glamis Gold and was sold to Goldcorp for \$8.6B. He is the true pioneer of heap & vat leaching which now accounts for 50% of all global gold production.

William R. Sheriff, Advisory Board – Bill is an entrepreneur and visionary with over 40 years' experience in the minerals and the securities industries and has been responsible for several successful businesses including EMC (MCAP \$2.0B). And **enCore Energy**, currently USA's largest Uranium producer MCAP \$1.0B.

Executive Team

Duane Nelson, President & CEO - Mr. Nelson was the founder, and Director of **EnviroMetal Technologies Inc.** Mr. Nelson stepped down from EnviroMetal in 2022 with a vision to build a unique, clean-tech-focused gold mining 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**. He is also the founder of **Quotemedia**, one of the worlds largest market data provider.

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.

Hanif Jafari – Chief Technology Officer (CTO) - A distinguished expert in mining and mineral processing, Hanif Jafari holds a Master of Engineering from the University of British Columbia and has over 15 years of experience in hydrometallurgical research and process design.

Reza Kafaei – Chief Innovation Officer (CIO) - With a background in mineral processing and metallurgical laboratory analysis, Reza Kafaei holds a Master's degree in Mining Engineering and has 10 years of experience in optimizing metallurgical processes, data analytics and process automations.

Marien Segovia – Corporate Secretary - Ms. Segovia has 20 years of experience in the administration of public companies and is well versed in all aspects of Corporate Compliance and Governance frameworks, administration, statutory and regulatory requirements, managing corporate records, and shareholder engagement.

- **Exclusive and disruptive** technology for an **established \$240B gold sector**
- Offers the **only** cost-effective alternative to **\$2.4B cyanide sector**
- **Motivated client base** - actively seeking alternatives
- Formula **independently validated** by external labs
- Full-scale commercial **bulk-testing underway**
- Company offers early-stage **clean-tech growth**
- Positive results on **Critical Minerals** and **Rare Earth Elements**
- **Strong industry relationships**

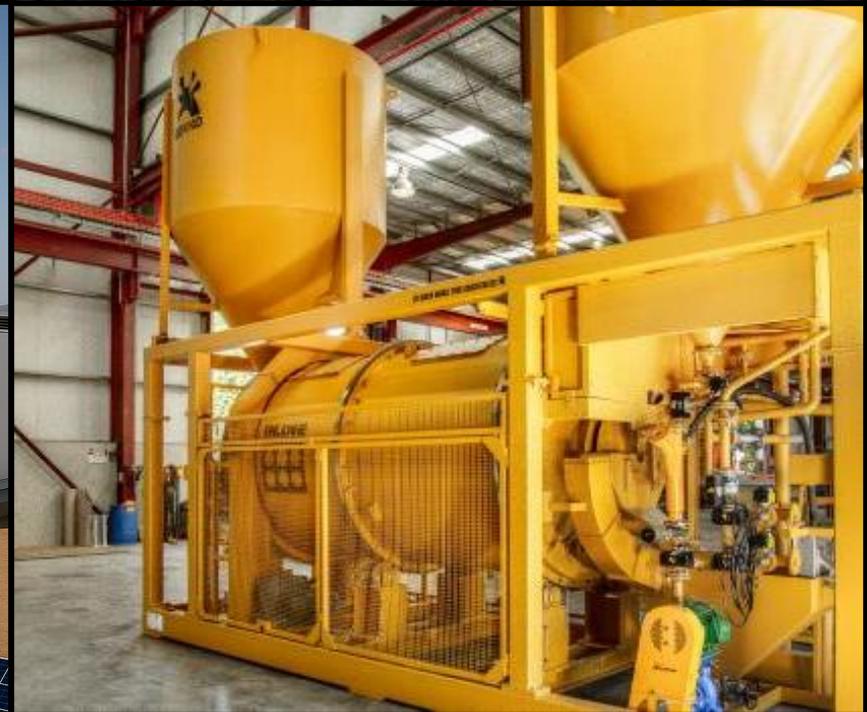
	COMPANY	WEBSITE	CORE TECHNOLOGY STAGE	MCAP (USD) (millions)
	RZOLV Technologies	https://www.rzolv.com/	Developing alternative to cyanide for precious metal extraction. Commercial stage 500 tonne test plant under construction with results expected Q3 - 2025	\$22
	CVW Cleantech Inc.	https://cwsustainableroyalties.com/	CVW CleanTech is a sustainable royalty platform that invests in innovative technologies which provide returns linked to commodities	\$154
	Tantalus Systems	https://tantalus.com/	Tantalus is a technology company dedicated to helping utilities modernize their distribution grids	\$174
	Mint Innovation	https://www.mint.bio/	Mint Innovation uses naturally occurring biomass, hydrometallurgy and smart chemistry to carefully extract green metals from waste.	\$194
	PH7 Technologies	https://ph7technologies.com/	Vancouver-based cleantech company focused on sustainable platinum group metal extraction from catalytic converters	\$200
	Amaero Advanced Materials	https://amaeroinc.com/	Amaero is developing a critical metals powder manufacturing facility targeting production of alloy powders for mission-critical defence and space applications	\$210
	Anaergia Inc	https://www.anaergia.com/	Anaergia Inc is engaged in the generation of renewable energy from biogas through advanced anaerobic digestion of organic residues	\$237
	American Battery Tech	https://americanbatterytechnology.com	Battery recycling technology startup that employs a hydrometallurgical process to recycle batteries to extract raw materials from primary resources	\$280
	MTM Critical Metals	https://metalliuminc.com/	The proprietary process enables single-step extraction of critical, strategic metals from electronic waste and mineral concentrates	\$383
	Silex Systems Ltd.	https://www.silex.com.au/	the production of high-value alloy powders for mission-critical defence and space applications	\$670
	Alpha HPA Ltd.	https://alphahpa.com.au/	Producing ultra-high purity alumina (HPA) and related premium aluminium materials through a proprietary solvent extraction (SX) and refining technology	\$680
	Enviri Corporation	https://www.enviri.com/	a global, market-leading provider of environmental solutions for industrial and specialty waste streams	\$727
	Ucore Rare Metals	https://ucore.com/	Ucore Rare Metals Inc. is focused on rare and critical-metal resources, extraction, beneficiation, and separation technologies.	\$820
	IperionX Limited	https://iperionx.com/	125 TPA Titanium demonstration facility in Virginia. Producing first metal	\$1,090
	Jetti Resources Inc.	https://www.jettiresources.com/	Catalytic technology enhances copper recovery from low grade chalcopyrite	\$2,500



“That sounds too good to be true...”

We are in good company.....





The dawn of
sustainable metal
extraction...
(TSXV:RZL)