

TEMAS RESOURCES CORP.

Temas Resources Signs North American and European Licensing Agreement with MetaLeach™

- Technologies are environmentally friendly and lower cost compared to existing leaching processes.
- Targeting copper, nickel, cobalt and zinc producing operators.
- Potential for major operating and capital cost savings (expected to be a minimum 30-40% vs current technologies).
- Offering a reduction in carbon footprint when compared to conventional processing methods.
- These processes are complementary to the suite of processes being acquired from ORF and should allow Temas to be able to provide a lower carbon footprint for mineral processing than currently commercially available.

VANCOUVER, British Columbia, [March 29, 2021] — Temas Resources Corp. (CSE: TMAS, OTCQB: TMAF) (the "Company" or "Temas Resources", is pleased to announce that it has signed an exclusive North American and European Licensing Agreement with MetaLeach Limited (www.metaleach.com) for its innovative leaching processes AmmLeach®, HyperLeach®, NickelLeach®, and MoReLeach® and others.

By licensing MetaLeach™ technology, Temas' objective is to provide the lowest cost processing of base metals. This is integral to the delivery of technologies and products for now and in the future, especially 'energy and battery' metals. This objective will be achieved from the commercialisation of the proprietary & patented hydrometallurgical metals processing technologies ("Leaching Technologies").

"This opportunity brings tremendous potential for attracting strategic partners who want a lower cost, environmentally friendly mineral processing solution for their producing mines," said Michael Dehn, CEO of Temas Resources. "We will be open to engaging partnerships on an equity basis and/or licencing agreements with royalty arrangement. Direct ownership of mineral projects will also be considered."



Figure 1 Ammleach at work on a South American Copper Project

The Leaching Technologies have the potential to revolutionize the extraction processes for many base metal deposits. Reducing capital and operating costs and/or improving recoveries, and hence enhancing operating margins at the mine site. Being capable of producing metal or high value product on-site greatly enhances the mine gate economics compared to conventional concentrators. In addition, in many cases, the technologies will enable the treatment of base metals deposits which hitherto have not been possible to treat. The technologies are especially suitable for high-acid-consuming carbonate (oxide) hosted ores.

The merits of the Leaching Technologies and commercial adoption success are based on the potential for major operating and capital cost savings (expected to be a minimum 30-40% vs current technologies). This would be suitable and amenable for mines using the Leaching Technologies as the principal mineral processing method, to produce base metals or high value product, at the mine site.

In addition, these Leaching Technologies offer other significant operating and environmental benefits, including a reduction in carbon footprint when compared to conventional processing methods. The base metals of most commercial importance are essential for supplying the raw materials for the electric vehicle revolution, energy

generation and storage technologies allied with ESG (Environmental and Social Governance) policies that these Leaching Technologies target are copper, nickel, cobalt and zinc.

	MetaLeach™ Leaching Technologies			
	AmmLeach®	HyperLeach®	NickeLeach®	MoReLeach®
Equipment	no special equipment required, small standard SX plant size for production	heap leach or tank leaching	heap leach or tank leaching	highly selective leaching, separation and precipitation
Commodity Focus	high selectivity for target metals, does not react with iron, Ca, Mg, Al, and removal of CN-soluble Cu from gold ores	selective for Cu, Ni-sulphides over pyrite, selective for sphalerite over galena. Low dissolution of Fe, CA, Mg. etc.	selective leaching of nickel and cobalt. Much lower reactions with Fe/Ca/Mg than conventional leach	selective for molybdenum and rhenium ores, concentrates and tailings including leaching Mo/Re from copper flotation concentrates
Temp/Pressure	ambient temperature and pressure, Heap or VAT Leaching	rapid kinetics at ambient temperature and pressure. Reducing tankage and agitation costs	ambient temperature and pressure, Heap or VAT Leaching	ambient temperature and pressure, Heap or VAT Leaching
Economic Benefit	minimal decommissioning costs, reagent recycle	low reagent consumptions, can use high salinity water	low operating costs	high selectivity for Mo/Re
Other Benefits	minimal reagent costs, ammonia can be 100% recycled; single leaching plant from oxide cap to primary sulphides with minor changes. Low purification requirements cutting opex	can regenerate reagent using renewable energy	Can produce a nickel cathode product and cobalt hydroxide.	leads to copper grade increases and reduction in penalties in copper smelter
Elements/Minerals	ammonia reacts with Cu, Zn, Ni, Co, Mo, roaster concentrates; can treat oxides and sulphides	leaches base metal sulphides including the following: chalcopyrite, bornite, chalcocite, enargite, millerite,	Selective leaching of Ni and Co, with improved metal recoveries into solution	Selective leaching of Mo and Re

pentlandite, pyrrhotite, violarite, sphalerite

Environmental footprint	low, no roasting or acid plant. Residue is effectively environmentally neutral, essentially fertilizer in many cases	environmentally friendly compared with smelting; no roasting or acid plant required.	reagents are recycled
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The path to greener nickel production with NickeLeach®

The NickeLeach® process offer a cost effective, environmentally friendly method of processing lateritic ores and concentrates to produce separate nickel and cobalt products. The process operates at ambient temperature and pressure, greatly reducing the cost and complexity of a process plant when compared with all other available technologies.

The acid processes consume vast quantities of sulphuric acid whilst NickeLeach® recycles the leaching agent greatly reducing costs. The omnivorous nature of the acid processes results in the production of very substantial volumes of precipitated wastes (hæmatite, goëthite, jarosite, gypsum etc.) which need to be stored in a lined tailings facility to eliminate any acid drainage problems. The highly selective nature of the NickeLeach® process eliminates any precipitation steps, the tailings revegetate rapidly and can be stored safely with minimal monitoring.

The ambient conditions used in the NickeLeach® process greatly reduce the capital cost of the plant compared to the high-cost materials required in the acid processes. The recycling of the main leach reagent also greatly reduces the cost compared to acid processes.

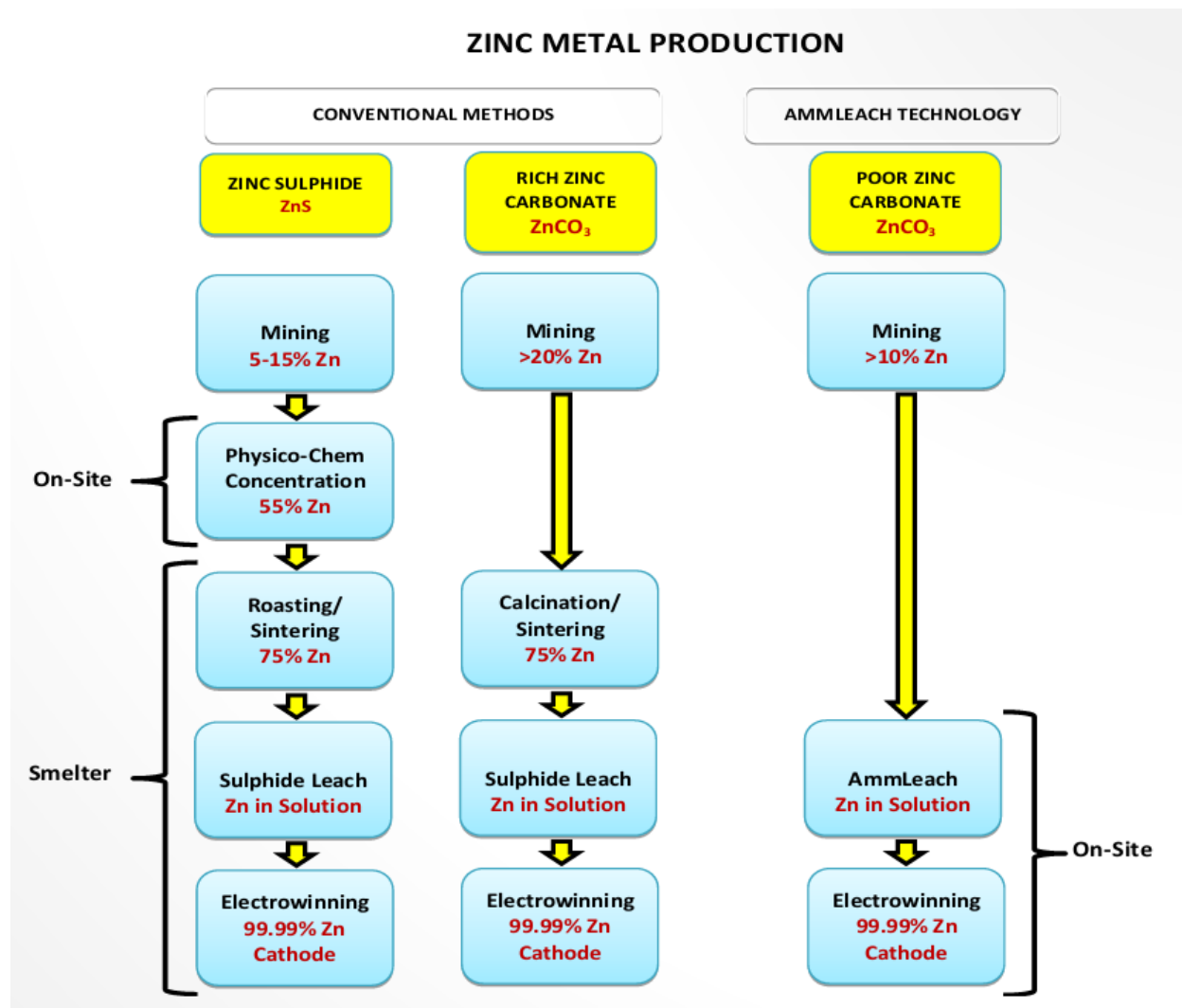


Figure 2 Comparison of Conventional Methods and Ammleach® for Zinc Metal Production

About Temas Resources

Temas Resources Corp. ("**Temas Resources**") (CSE: TMAS) (OTCQB: TMASF) is focused on the advancement of mineral independence and the processes in which minerals are extracted. To reduce the environmental impact and carbon footprint of metal extraction by focusing on the uses of processing and leaching technologies.

Temas Resources flagship properties are located in the stable, mining-friendly jurisdiction of Quebec (Canada) bordering Vermont, Maine, and New York State (U.S.) in an area known as the Grenville Geological Province. The Grenville Geological Province is home to Lac Tio, the largest solid ilmenite deposit in the world.

As a mineral exploration company focused on the acquisition, exploration and development of Iron, Titanium, and Vanadium properties, Temas Resources has focused its efforts on advancing two major projects in the Grenville Geological Province area. The first, the DAB Property, is an option for 100% interest consisting of 128 contiguous mineral claims which covers 6,813.72 hectares (68.14 km²) within the Grenville Geological Province. The flagship, the La Blache Property, is 100% ownership of 48 semi-contiguous mineral claims which cover 2,653.25 hectares (26.53 km²) within the Grenville Geological Province. All public filings for the Company can be found on the SEDAR website www.sedar.com. For more information about the Company, please visit www.temasresources.com.

About MetaLeach™

MetaLeach® was set up to own the proprietary and novel leaching technologies AmmLeach®, NickeLeach®, HyperLeach® and MoReLeach™ which have been developed over more than 10 years on global research & development. These technologies are all protected by an extensive and rigorous intellectual property strategy, including a comprehensive suite of patent applications in targeted countries around the world. For more information about MetaLeach, please visit www.metaleach.com.

Qualified Person

Rory Kutluoglu, B.Sc, P.Ge, is the Qualified Person as defined by NI 43-101 who has reviewed and approved the technical information contained within this press release.

On behalf of the Board of Directors of Temas Resources Corp.,

"Kyler Hardy"

Director

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Forward Looking Statements

This news release includes certain "Forward-Looking Statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and "forward-looking information" under applicable Canadian securities laws. When used in this news release, the words "anticipate", "believe", "estimate", "expect", "target", "plan", "forecast", "may", "would", "could", "schedule" and similar words or expressions, identify forward-looking statements or information.

Forward-looking statements and forward-looking information relating to any future mineral production, liquidity, enhanced value and capital markets profile of Temas Resources, future growth potential for Temas Resources and its business, and future exploration plans are based on management's reasonable assumptions, estimates, expectations, analyses and opinions, which are based on management's experience and perception of trends, current conditions and expected developments, and other factors that management believes are relevant and reasonable in the circumstances, but which may prove to be incorrect. Assumptions have been made regarding, among other things, the price of iron, titanium, vanadium and other metals; no escalation in the severity of the COVID-19 pandemic; costs of exploration and development; the estimated costs of development of exploration projects; Temas Resources' ability to operate in a safe and effective manner and its ability to obtain financing on reasonable terms.

These statements reflect Temas Resources' respective current views with respect to future events and are necessarily based upon a number of other assumptions and estimates that, while considered reasonable by management, are inherently subject to significant business, economic, competitive, political and social uncertainties and contingencies. Many factors, both known and unknown, could cause actual results, performance or achievements to be materially different from the results, performance or achievements that are or may be expressed or implied by such forward-looking statements or forward-looking information and Temas Resources has made assumptions and estimates based on or related to many of these factors. Such factors include, without limitation: the Company's dependence on one mineral project; precious metals price volatility; risks associated with the conduct of the Company's mining activities in Quebec; regulatory, consent or permitting delays; risks relating to reliance on the Company's management team and outside contractors; risks regarding mineral resources and reserves; the Company's inability to obtain insurance to cover all risks, on a commercially reasonable basis or at all; currency fluctuations; risks regarding the failure to generate sufficient cash flow from operations; risks relating to project financing and equity issuances; risks and unknowns inherent in all mining projects, including the inaccuracy of reserves and resources, metallurgical recoveries and capital and operating costs of such projects; contests over title to properties, particularly title to undeveloped properties; laws and regulations governing the environment, health and safety; the ability of the communities in which the Company operates to manage and cope with the implications of COVID-19; the economic and financial implications of COVID-19 to the Company; operating or technical

difficulties in connection with mining or development activities; employee relations, labour unrest or unavailability; the Company's interactions with surrounding communities and artisanal miners; the Company's ability to successfully integrate acquired assets; the speculative nature of exploration and development, including the risks of diminishing quantities or grades of reserves; stock market volatility; conflicts of interest among certain directors and officers; lack of liquidity for shareholders of the Company; litigation risk; and the factors identified under the caption "Risk Factors" in Temas Resources' management discussion and analysis. Readers are cautioned against attributing undue certainty to forward-looking statements or forward-looking information. Although Temas Resources has attempted to identify important factors that could cause actual results to differ materially, there may be other factors that cause results not to be anticipated, estimated or intended. Temas Resources does not intend, and does not assume any obligation, to update these forward-looking statements or forward-looking information to reflect changes in assumptions or changes in circumstances or any other events affecting such statements or information, other than as required by applicable law.