

SPARTON RESOURCES INC.

SRI - TSX Venture
SPNRF:PK
WKN:727532 - Frankfurt

A unique Canadian, public, junior mineral exploration company actively managed by a team of mining professionals. It has generated successful projects for precious and specialty metals and energy storage in Asia, the United States, and Canada

Activities

ELECTRICAL ENERGY STORAGE CORE ASSET



VRB Energy
(9.97%)

ENERGY STORAGE BATTERIES

A WORLD LEADER
Partnered with Robert Friedland's Ivanhoe Electric.
Core Asset for SRI

THREE OUTSTANDING MINERAL PROJECT OPPORTUNITIES



Pense Critical Metals Property (100%)

CRITICAL METALS MINERALIZATION

Similar to WORLD CLASS Outokumpu copper-zinc-nickel deposits in Finland. Confirmed copper, zinc, gold, silver, nickel, cobalt



Bruell Gold Royalty Property (100%)

GOLD

Near Val d'Or, Quebec. Sold to Eldorado Gold Corp. New Gold Zone located in 2023. SRI retains 2% royalty



Oakes Gold Project (100%)

GOLD

Adjacent to Alamos Gold's Young Davidson Mine. Recent positive IP Survey / 5 drill targets now available to test

REVENUE GENERATING DRILLING SUBSIDIARY



Edcor Drilling Services/ Nomad Drilling (100%)

DRILLING SERVICES

Wholly-owned drilling services company. Actively assisting third party clients and seeking contracts



THE MOST RELIABLE, LONGEST-LASTING VANADIUM FLOW BATTERY IN THE WORLD

SAFE – RELIABLE – RECYCLABLE - ENERGY STORAGE BATTERIES



Sparton’s core asset is a minority interest (9.975%) in a clean tech, vanadium flow battery producer VRB Energy Inc.

The majority shareholder is Ivanhoe Electric Inc., part of the Robert Friedland managed Ivanhoe Group of companies. VRB Energy is the world’s leader in integrating long life, grid scale storage batteries with wind or solar sources of electricity.

- These batteries are safer (cannot catch fire), longer lasting and are cost competitive with lithium units. They are fully recyclable. They have been installed in multi megawatt sizes for renewable solar and wind integration. VRB Energy has the only UL1973 safety certificate for its units in the Industry.
- The company received the CSA safety certification for its Generation 3 Vanadium Battery Stack. Unique in the industry. It is also certified for ultra cold weather (-40°C) and ultra high-altitude operations.
- Recently, the company has made major announcements which will result in a phase of rapid expansion in China and the U.S.A. with USD \$55 million in investments. VRB USA development is now underway with an initial US\$20M investment

Sparton expects to gain a substantial financial benefit from the asset value of its VRB Energy holding

A WORLD LEADER, VRB ENERGY HAS OVER A MILLION HOURS OF SAFE PROVEN PERFORMANCE IN ALL WEATHER CONDITIONS

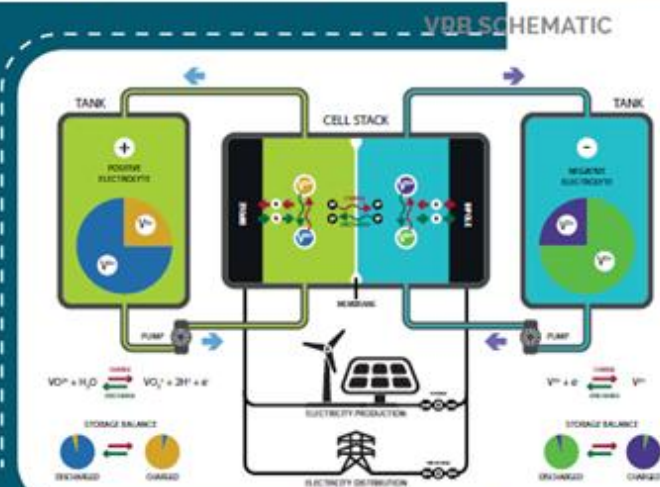
AN ALMOST INFINITELY REPEATABLE PROCESS
SAFE. RELIABLE. NON-TOXIC
VIRTUALLY 100% RECYCLED AT END-OF-LIFE

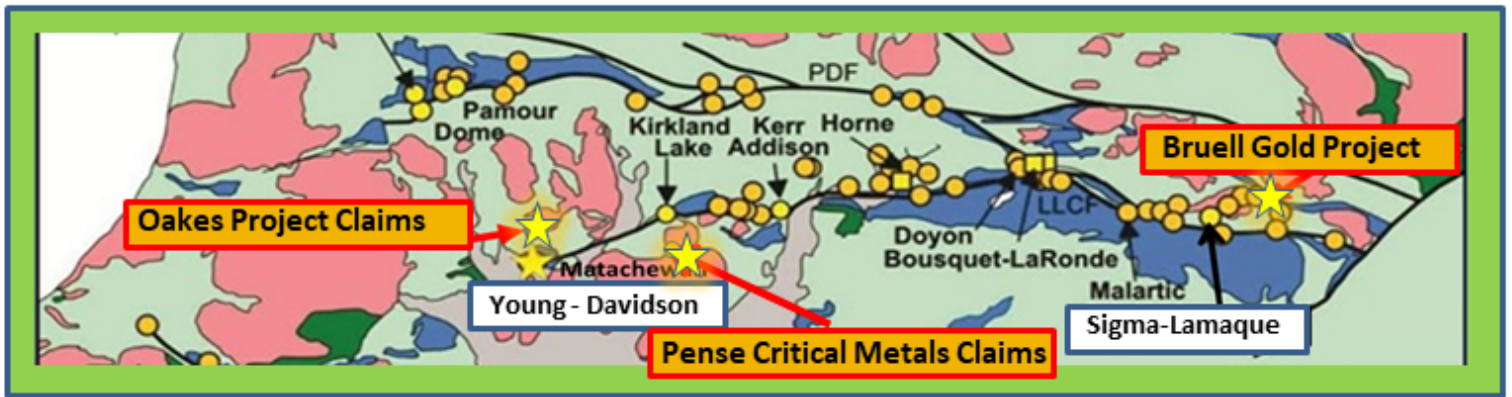


PRODUCT PERFORMANCE

MODULAR DESIGN

The standard VRB-ESS Power Modules, contain a series of cell stacks, pumps, and controls in a containerized format, combined with electrolyte storage tanks and power conversion systems.





West

ABITIBI BELT

East

Sparton concentrates its efforts on locating under explored properties near producing mines

Matachewan Property

West of Kirkland Lake, Ontario

- Sir Harry Oakes Leases + Additional (36) Mining Claims
- Continued Exploration on former Sir Harry Oakes owned Gold Project with limited exploration since 1936
- Claims are only 3 km north of Alamos Gold's operating mine which produces 200,000 oz. of gold annually
- Sparton did a modest drilling program in one area near the old shaft with some positive but mixed results
- Completed detailed induced polarization and magnetic surveys and identified at least 4 new targets on the claim group that have never been evaluated in the past. These will be tested by trenching and possibly drilling later in 2025.

Pense Polymetallic Property

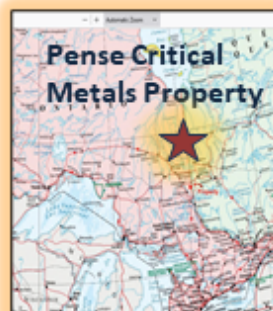
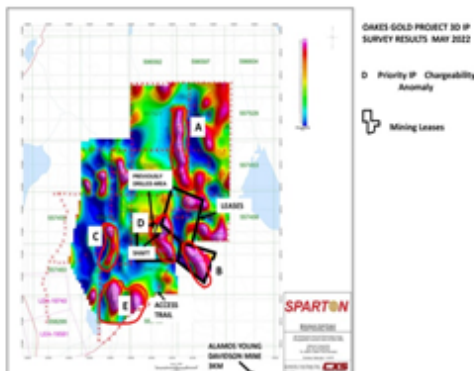
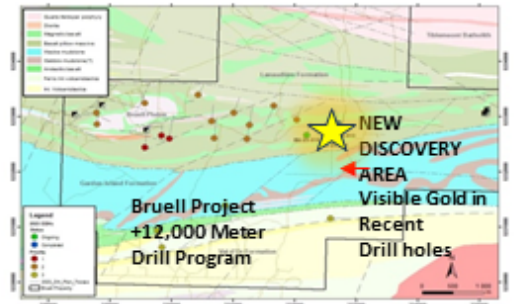
Near Englehart, Ontario

- 91 claims (+3700 hectares) 100% Sparton owned
- Near Quebec provincial border, 25 km east of Englehart, Ontario
- At least 9 priority areas located in recent airborne electromagnetic and magnetic survey. Past work showed good Copper, Zinc, Gold, Silver, Nickel, and Cobalt values and not followed up, New targets have never been tested
- A high resolution electromagnetic and magnetic survey completed in 2024. Phase 1 drilling program completed. Historic and current positive drill results.
- Historic positive drill results confirmed in new drilling for Copper Nickel Zinc And Gold.
- Highlights 0.14% Cu /27.7m, 0.12% Ni/7.4m, 1.8% Zn/ 19m, 0.15% Ni/ 12m, 0.12%Ni/7.4m
- 0.81g/t Au/8.2m, 11.5g/t Au/ 30cm (Historic), 1.8g/t Au/9m (Historic)
- Up to 8 untested targets remain

Bruell Gold Royalty Property

East of Val d'Or, Quebec

- The Bruell project in Quebec is now 100% Eldorado Gold Corp. which operates the Lamaque/ Sigma gold mine complex east of Val D'Or, Quebec – producing over 135,000 ounces gold per year - and controls a large property package (including Bruell) east of the Lamaque operations.
- Eldorado completed over 12,000 meters of drilling at Bruell since 2019 and reported some positive results. Sparton has sold its 25% interest to Eldorado and retains an NSR Royalty.



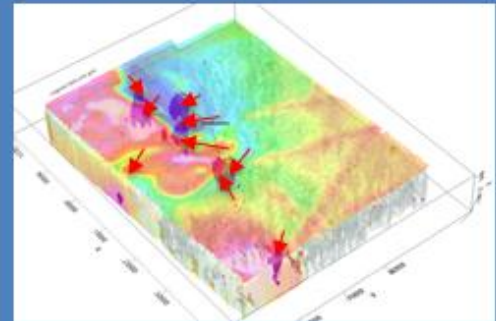
PENSE CRITICAL METALS PROJECT

Highlights

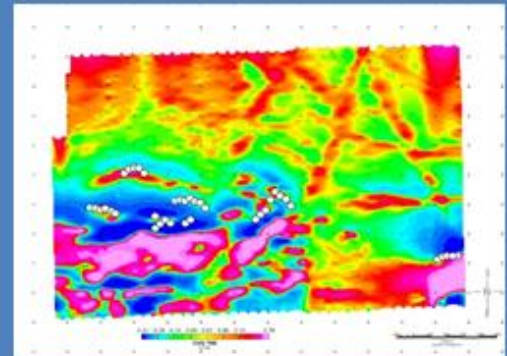
- Critical metals project in a mostly unexplored area of Ontario and Quebec, 100% Sparton
- Known critical metals mineralization on claims with no significant exploration for nearly 25 years
- Mineralization similar to world class Outokumpu copper–zinc–nickel deposits in Finland
- Recent detailed airborne electromagnetic survey has located 9 distinct bedrock targets
- Limited historic drill testing of only two targets with positive Critical Metals assay results – no follow up until Sparton work
- Recent ground surveys have confirmed 9 targets with strong EM and Mag signatures
- Completed initial drilling in October 2024 with encouraging results for copper, nickel, zinc, and gold
- Exploration project subsidies available in Ontario and Quebec



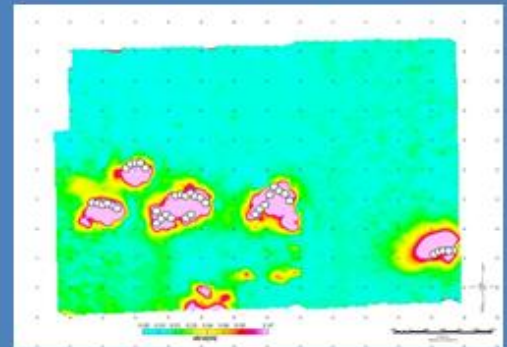
EM TARGET BLOCK MODEL



EM TARGETS ON MAGNETICS



DEEP RESPONSE EM CONDUCTORS



EXPERT GEOPHYSICS AIRBORNE EM AND MAGNETIC SURVEY SYSTEM



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Exchanges SRI –TSX Venture
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Shares Outstanding 169,941,537

52 Week High/Low \$0.05 / \$0.02

Warrants 8,375,000 @ \$0.06-0.08

Options 2,700,000 options outstanding
@ \$0.10

FOR FURTHER DETAILS:

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ANOMALY FOLLOW UP TEAM

