

Nickel Sulphide for the Electric Vehicle, Battery Storage Revolution

CSE:TN, OTCQX:TTSRF, FSE:A2D

www.tartisannickel.com

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Forward-looking statements relate to future events or the anticipated performance of the Company and reflect management's expectations or beliefs regarding such future events and anticipated performance. In certain cases, forward-looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "believes", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved", or the negative of these words or comparable terminology. By their very nature forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual performance of the Company to be materially different from any anticipated performance expressed or implied by the forward-looking statements. Such factors include various risks related to the Company's operations, which are detailed from time to time in the Company's interim and annual financial statements and management's discussion and analysis of those statements, all of which are filed and available for review on SEDAR at www. sedar.com. Although the Company has attempted to identify important factors that could cause actual performance to differ materially from that described in forward-looking statements, there may be other factors that cause its performance not to be as anticipated. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements.

Scientific and technical information disclosed in this document has been reviewed and approved by Dean MacEachern, P. Geo. A Qualified Person as defined in NI 43-101.



Investment Thesis

- Kenbridge Nickel Deposit is a Class 1 Nickel project which can be put into production quickly in a safe jurisdiction at low capital cost
- Sulphide Nickel ore (Class 1) is preferred for battery production, heading (NCM) 8:1:1
- Updated Resource Estimate for Kenbridge Nickel Deposit (June 1, 2021) established a robust resource
- Exploration potential to expand Kenbridge resource downdip, along strike and at Kenbridge North. Regional targets have been identified and are being assessed.
- Tartisan has a modest market cap compared to peers and there is room for a re-rating as we move to meet the battery nickel demand
- Investments; Eloro Resources (Iska Iska Ag Project Bolivia and La Victoria Au-Ag Project, Peru), Class One Nickel and Technologies (DunDonald, Alexo-Kelex Ni Project, Timmins, Ontario)
 Peruvian Metals Corp. (Ag-Au custom milling & advanced exploration project portfolio) provides
 Tartisan shareholders an opportunity to participate in other high-quality projects



Kenbridge Class 1 Nickel Deposit

Kenbridge uniquely fits as a SMALL CAPEX CLASS 1 NICKEL PROJECT which can be put into production quickly if Nickel prices move to match the demand in the emerging battery market. We are focused on advancing the Kenbridge Nickel deposit towards production. Next steps:

- Drill extensions to Kenbridge nickel deposit and test nearby targets to grow the resource. Focus on higher grade zones.
- Complete a Preliminary Economic Assessment on Kenbridge nickel deposit to better define production parameters.



<u>Updated Mineral Resource Estimate (June '21):</u>

7.47 Mt
0.6% Ni, 0.32% Cu
open pit and underground
Measured and Indicated
resources
0.99 Mt Inferred at
1% Ni, 0.62% Cu

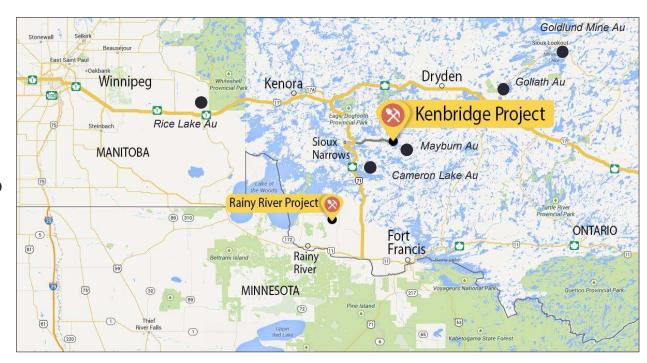
117m lbs Ni 66m lbs Cu



Kenbridge – Accessible Location, Good Infrastructure

Kenbridge Has:

- Located in mining friendly jurisdiction. New Gold's Rainy River Gold Mine currently in production 80 km to the south.
- Good road access;
- Close proximity (40 km) to grid power;
- 35,000 regional population;
- Signatory to Treaty #3 exploration agreement in place.





First Nations – Treaty # 3

- Treaty # 3: 28 First Nations under one flag, 55,000 sq. mile traditional territory
- Company has been engaged with Treaty # 3 since May 2007. Recognized and is participating in Great Earth Law authorization process
- Received first ever Great Earth Law authorization for a resource company from Treaty # 3 Grand Council for the Kenbridge access road construction
- Recognized by Ogichidaa (Grand Chief) as a leader in Aboriginal relations

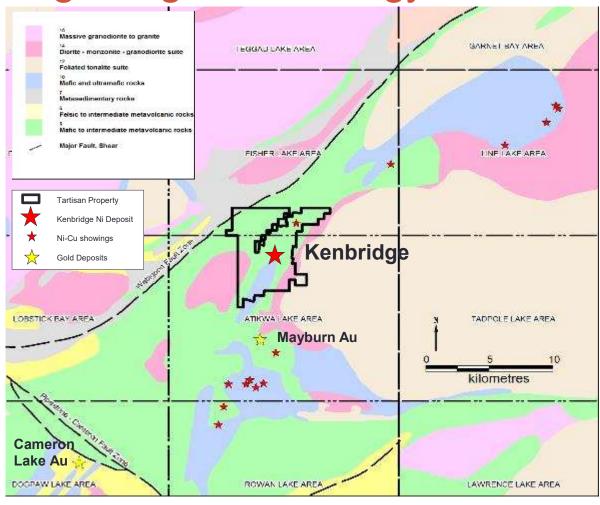


<u>Treaty # 3 Communities near Kenbridge</u>

- Naotkamegwanning
- Northwest Angle # 33
- Northwest Angle # 37
- Onigaming



Kenbridge Regional Geology & Ni Showings





Kenbridge – Surface Infrastructure



Massive Sulphides exposed at surface









Kenbridge Resource Update (June 2021)

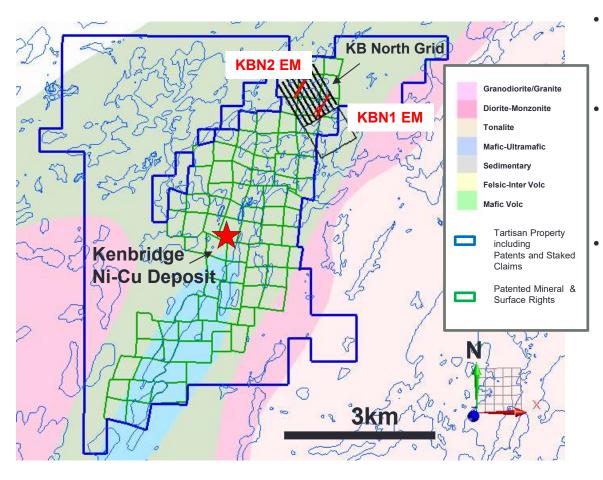
Kenbridge Mineral Resource Estimate (1-6)										
Scenario	Classifi- cation	Cut-off NSR C\$/t	Tonnes (M)	Ni (%)	Ni (M lb)	Cu (%)	Cu (M lb)	Co (%)	Co (M lb)	
Pit Constrained	Measured	15	2.966	0.5	30.8	0.26	17.3	0.007	0.5	
	Indicated	15	2.270	0.4	21.5	0.26	13.2	0.010	0.5	
	M + I	15	5.236	0.5	52.3	0.26	30.5	0.009	1.0	
Out-of-pit	Indicated	60	2.232	0.9	42.5	0.45	22.4	0.006	0.3	
	Inferred	60	0.99	1.00	21.8	0.62	13.5	0.003	0.1	
Total	Measured	15	2.966	0.5	30.8	0.26	17.3	0.007	0.5	
	Indicated	15+60	4.502	0.7	64.1	0.36	35.6	0.008	8.0	
	M+ I	15+60	7.468	0.6	94.9	0.32	52.9	0.008	1.3	
	Inferred	60	0.99	1.0	21.8	0.62	13.5	0.003	0.1	

Note: Ni =Nickel Cu = Copper, Co = Cobalt, NSR = Net Smelter Return.

- Mineral Resources, which are not Mineral Reserves, do not have demonstrated economic viability.
- 2. . The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues.
- 3. 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.
- 4. The Mineral Resources in this report were estimated using the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM"), CIM Standards on Mineral Resources and Reserves, Definitions (2014) and Guidelines (2019) prepared by the CIM Standing Committee on Reserve Definitions and adopted by the CIM Council.
- 5. The Mineral Resource Estimate was based on US\$ metal prices of \$7.42/lb nickel, \$3/lb copper and \$25/lb cobalt.
- 6. The out-of-pit Mineral Resource grade blocks were quantified above the \$60/t NSR cut-off, below the constraining pit shell and within the constraining mineralized wireframes. Additionally, only groups of blocks that exhibited continuity and reasonable potential stope geometry were included. All orphaned blocks and narrow strings of blocks were excluded. The longhole stoping with backfill mining method was assumed for the out of pit Mineral Resource Estimate calculation.



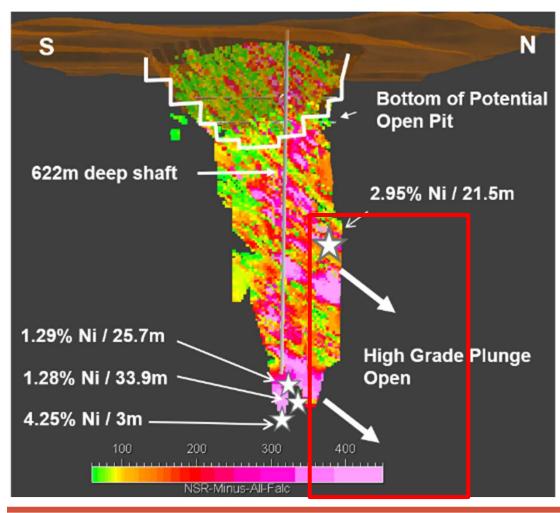
Kenbridge North Surface TDEM Survey Location



- Approximately 9,000 metres of grid line were surveyed with the surface TDEM system in 2021
- The targeted area, based on interpretation of historical airborne geophysics, is located 3 kilometres north of the Kenbridge Ni-Cu Deposit
- 2 conductive features were outlined on the grid, each extending over 400m strike length (KBN1 EM and KBN2 EM)
 - Tartisan Property including Patents and Staked Claims
 - Patented Mineral and Surface Rights



Kenbridge NSR Block Model (June 2021)



- Only 250m of 600m strike length of host Gabbro drilled at depth
- Multiple lenses of higher-grade sulphide in Breccia zone
- Block Model NSR values suggests a strong structural plunge to mineralization
- High grade Ni intersections require follow up

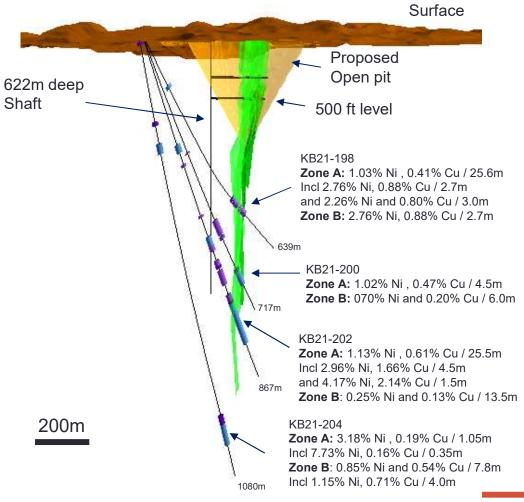
Is there potential to double the underground resource? (YES)







Kenbridge Deposit Drill Section (Looking South)



Current program is designed to drill along strike to the north and down dip of the current Mineral Resource

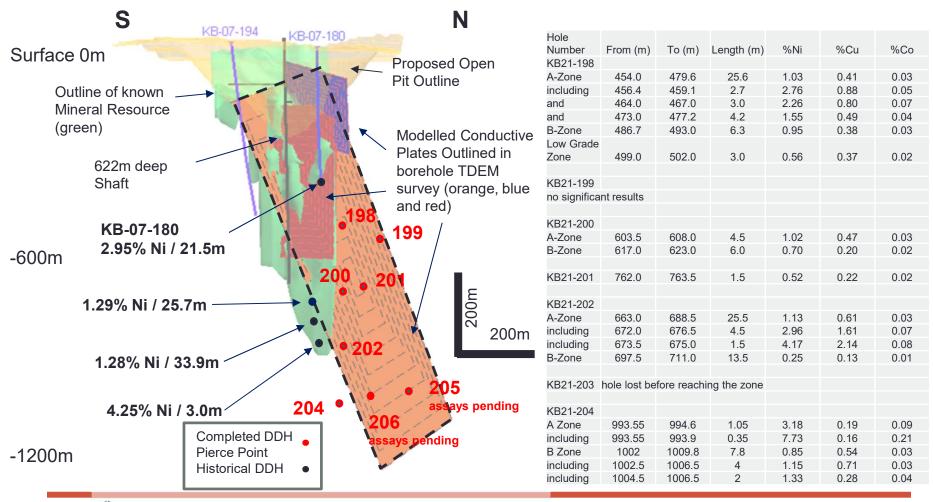
Green is the current Mineral Resource outline

Blue and purple are associated gabbro pyroxenite favourable host rocks

Hole 204 is located approximately 150m below deepest drill hole intersection completed by Falconbridge in the 1950's (4.25% Ni over 3m)

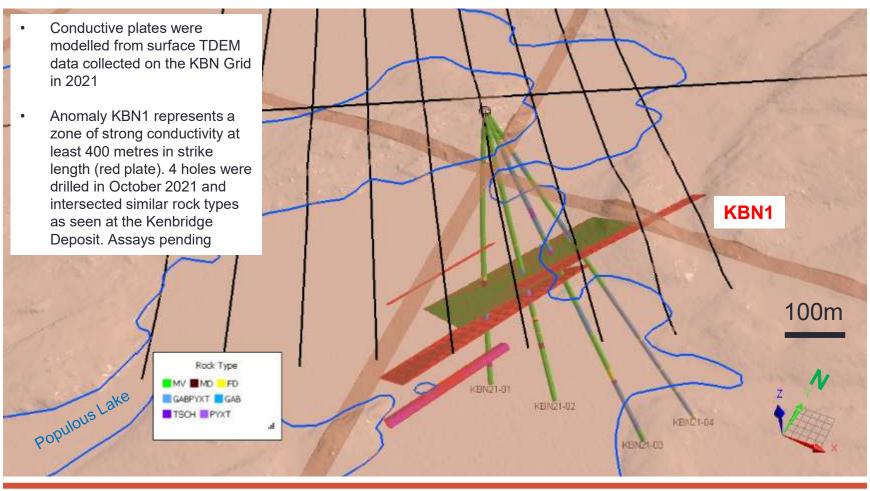


Kenbridge Deposit – Long Section - Modelled TDEM Anomalies and Drill Hole Pierce Points





Kenbridge North – Inclined Plan View





2021 MRE Kenbridge Budget

Description	Total Cost (C\$)	
Environmental, Social, Community	200,000	
Preliminary Economic Assessment Update	300,000	
Extensional and Additional Exploration Drilling	2,000,000	
Geotechnical Drilling and Testing	200,000	
Mineral Processing and Metallurgical Testing	300,000	
Geological, Geophysical & Geochemical Exploration	800,000	
Management G&A	500,000	
Subtotal	4,300,000	
Contingency 15%	645,000	
Total	4,945,000	



Kenbridge – Next Steps

Recommendations from June 2021 MRE

- 1. Extensional and Exploratory Drilling to expand Kenbridge Ni-Cu Resource on strike to the north and down dip (Complete)
- 2. Evaluate, assess and drill regional targets (ex: Kenbridge North) utilizing geophysical, geochemical and satellite imagery (Assays, interpretation pending)
- 3. Outreach to local communities, assess environmental and other necessary permitting required to advance the project (Ongoing)
- Update historic Preliminary Economic Assessment (nearing completion)
- 5. Additional Time Domain Electromagnetic (TDEM) work to be completed on surface grids and boreholes (March 2022)



Corporate Information

Share Price (Feb 11, 2022)	\$0.42
52 Week Share Price Range	\$0.21-0.56
Shares Issued and Outstanding	109,826,503
Warrants Outstanding	5,595,515
Options Outstanding	5,700,000
Fully Diluted	121,122,018
Market Capitalization	\$51 Million

Strategic Investment Holdings ~ \$11+ Million Tax Loss Carry Forward: ~\$15+ Million

Contact Information

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- Mark Appleby President & CEO
 - Over 33 years experience in a variety of disciplines relating to investment banking, corporate finance and capital markets
- Omar Gonzales CPA CFO
 - Experienced in private and public company accounting and project management
- Yves Clement, P.Geo Director
 - Professional Geologist with 30 years experience in the generation, evaluation and development of mineral resources in Canada, South America and West Africa
- Douglas Flett, JD Director
 - Over 20 years practicing corporate law (retired) and over 20 years in various roles in the resource industry. He continues to be a member of the Law Society of Upper Canada.

