

XAU Resources Inc.

TSXV:GIG

79



196.97

Exploring Guyana's
Greenstone gold belts



Noseno GOLD PROJECT

XAU Resources Inc.
Guyana | South America

Investor Presentation
November 2024

FORWARD LOOKING STATEMENTS

This presentation contains “**forward looking statements**”. These forward-looking statements are made as of the date of this presentation and XAU Resources Inc. does not intend, and does not assume any obligations to update these forward-looking statements. Forward looking statements include but are not limited to, statements with respect to timing and amount of estimated future exploration, success of exploration activities, expenditures, permitting, and requirements for additional capital and access to data.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such factors include, among others, risks related to actual results of current exploration activities; changes in project parameters as plans continue to be refined; the ability to enter into joint ventures or to acquire or dispose of property interests; future prices of mineral resources; accidents, labor disputes and other risks of the mining industry; ability to obtain financing; and delays in obtaining governmental approvals or financing.

COUNTRY PROFILE

GUYANA

- Highly prospective and underexplored
- Investor-friendly government policies
- English speaking democratic republic
 - British common law
 - Secure tenure
- Democratically elected government
- Government Royalty
 - 5% for gold price < US\$1,000 /oz
 - 8% for gold price > US\$1,000 /oz
- Corporate income tax rate of 27.5%
- No withholding tax on interest

RESOURCE ENDOWMENT

- **GOLD** – Oko West (G Mining), Oko Main Zone (G2 Goldfields), Toroparu (Aris Mining), Aurora mine (Zijin Mining Group), Omai Mine (Omair Gold Mines Corp), Eagle Mountain (Mako Mining)
- **OIL** – ExxonMobil discovered a Guyana offshore crude oil deposit, total reserve 8 bn barrel (750 BBL production per day by 2026)
- **BAUXITE** – Bonasika Mine (First Bauxite Llc.), UC Rusal, Bosai Minerals Group
- **Manganese** – 30 M-ton reserve being developed by Bosai with production commenced in 2021 and a 12 yr mine life

NORTH-WEST MINING DISTRICT

- **Bosai Minerals Group, Alerio Gold, Golden Shield**
- Matthews Ridge manganese production with a long history
- Recent upgrades to **Port Kaituma** – an inland wharf facility and roads by Bosai Minerals Group
- A well-developed supply infrastructure for mining
- Airport at Matthews Ridge, 42 km to the north

REGIONAL PROFILE

Guyana deposits

| COMPANY | PROJECT | TOTAL RESOURCE |
|---------------------------------|----------------|-------------------|
| Aris Mining ³ | Toroparu | 6.5 Moz @ 1.5 g/t |
| Zijin Mining Group ¹ | Aurora | 6.0 Moz @ 2.5 |
| G Mining | Oko West | 5.9 Moz @ 2.2 |
| Omai Gold Mines ² | Omai | 3.7 Moz @ 2.1 |
| G2 Goldfields | Oko Main Zone | 2.0 Moz @ 5.3 |
| Mako Mining ³ | Eagle Mountain | 1.8 Moz @ 1.1 |
| Alerio Gold | Tassawini | 0.50 Moz @ 1.3 |
| WBD Gold | Quartzstone | 0.47 Moz @ 5.0 |
| Zijin Mining Group | Sulfur Rose | 0.46 Moz @ 2.1 |

1. *Current Producer*
2. *Past Producer (3.7 Moz produced 1992-2005)*
3. *Feasibility / Development Project*

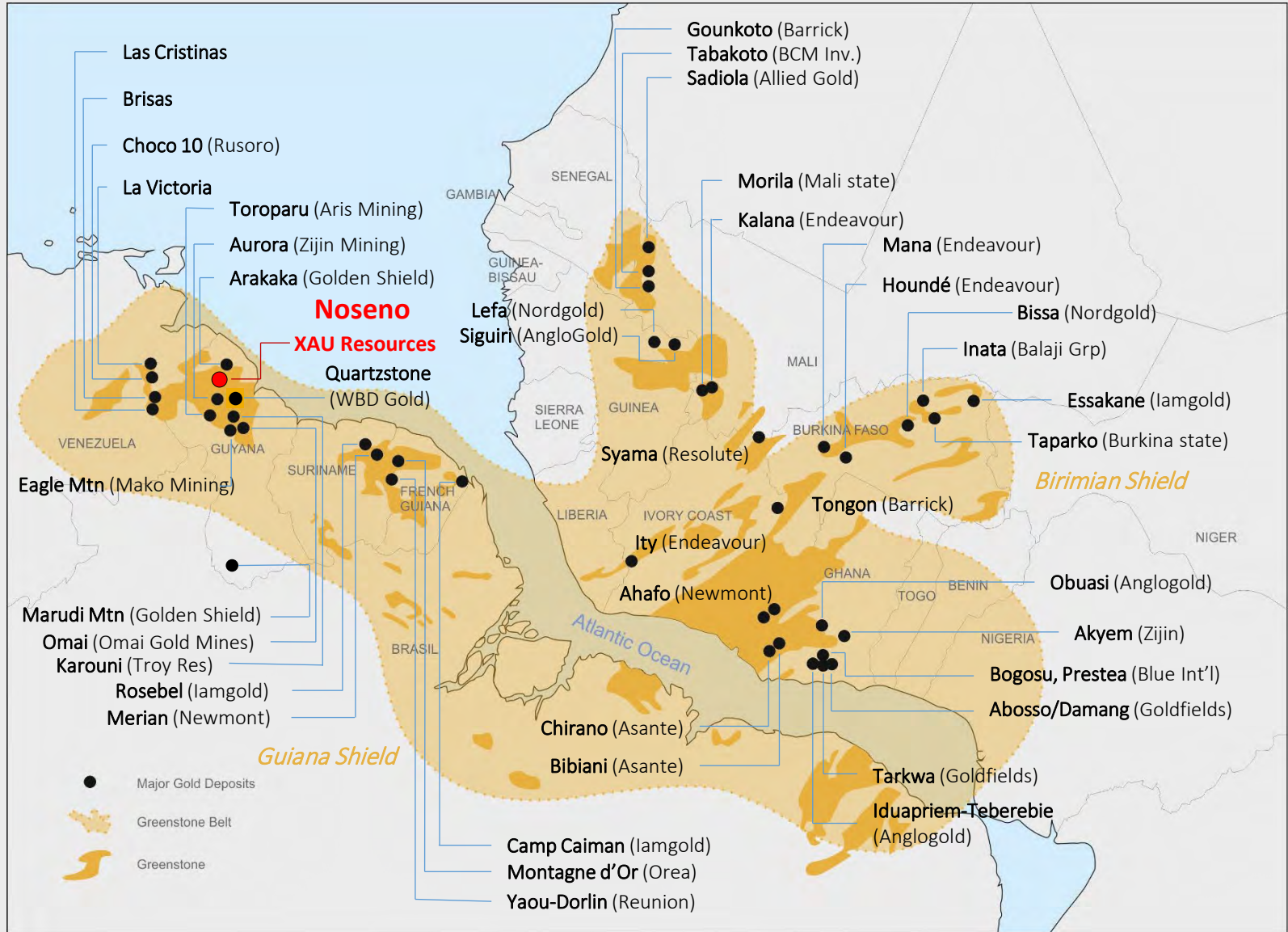
REGIONAL PROFILE

Companies operating in Guyana

| COMPANY | PROJECT |
|------------------------|--|
| Aris Mining Corp. | Toroparu |
| Zijin Mining Group Co. | Aurora Mine Sulfur Rose Marudi Mountain (20%) |
| G Mining | Oko West Aremu Waiamu Kartuni |
| G2 Goldfields Inc. | Oko Main Zone Aremu Peters Mine |
| Omai Gold Mines Corp. | Omai Mine (<i>past producer</i>) |
| Mako Mining | Eagle Mountain |
| Alerio Gold Corp. | Tassawini |
| Golden Shield Res. | Marudi Mtn Arakaka |
| Barrick Gold | Past deals with Alicanto, Reunion, Troy Res & still looking around |

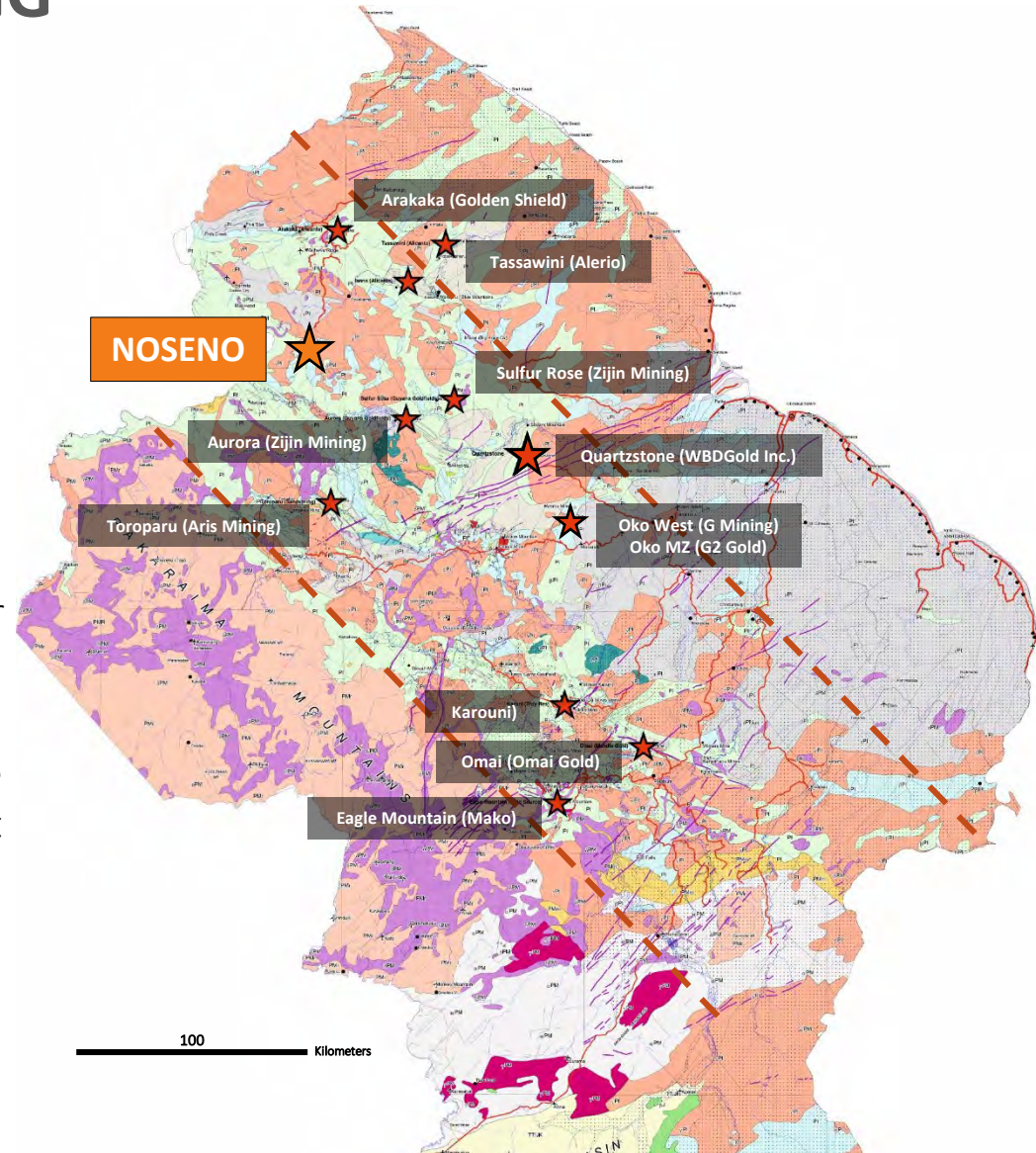
TECTONIC SETTING

The Guiana Shield is very underexplored relative to the Birimian Shield of West Africa (>275 Moz)



GEOLOGICAL SETTING

- Noseno is located in the Trans-Guyana gold belt
- Paleo-Proterozoic greenstones intruded by Trans-Amazonian granitoids
- Orogenic-style structurally controlled gold mineralization associated with major structures, intrusive contacts and deformation zones within smaller intrusives
- Exploration in Guyana quite immature. Only one active large-scale gold mine (Aurora), one development project (Toroparu), several advanced / resource growth projects and a handful of active explorers



LOCATION



210 km (1 hr flight) west of the capital, Georgetown, and 75km south of regional supply centre at **Port Kaituma** (inland port).

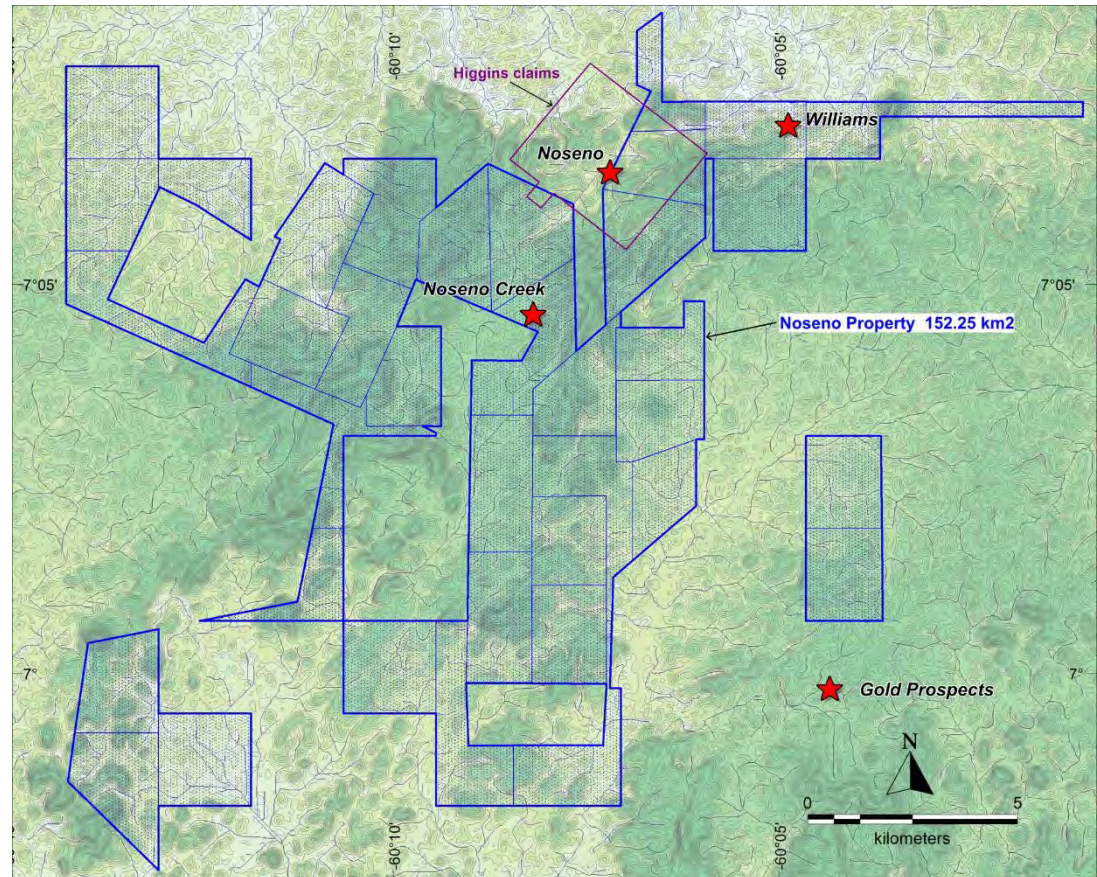
Recently improved roads from Port Kaituma to Matthews Ridge to Noseno.

Airport at Matthews Ridge, 42 km to the N.

PROFILE

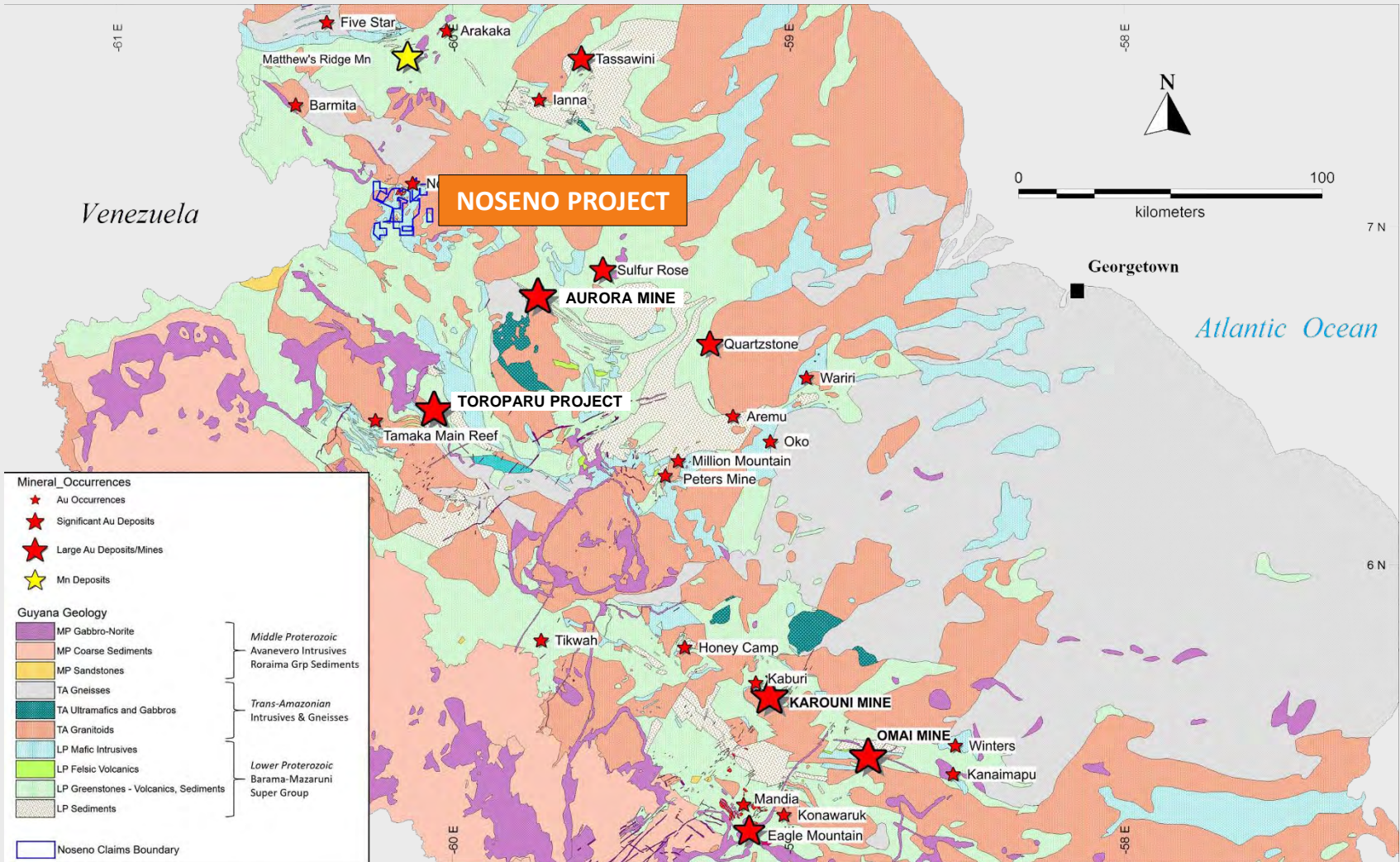
Noseno Project

- 152.25 km²; 37 medium-scale mining permits
- Small-scale hard rock and placer mining with a history of 100 years
- Multitude of artisanal workings
- Unexplored, apart from limited work on Noseno (Higgins) & Williams prospects in 2010



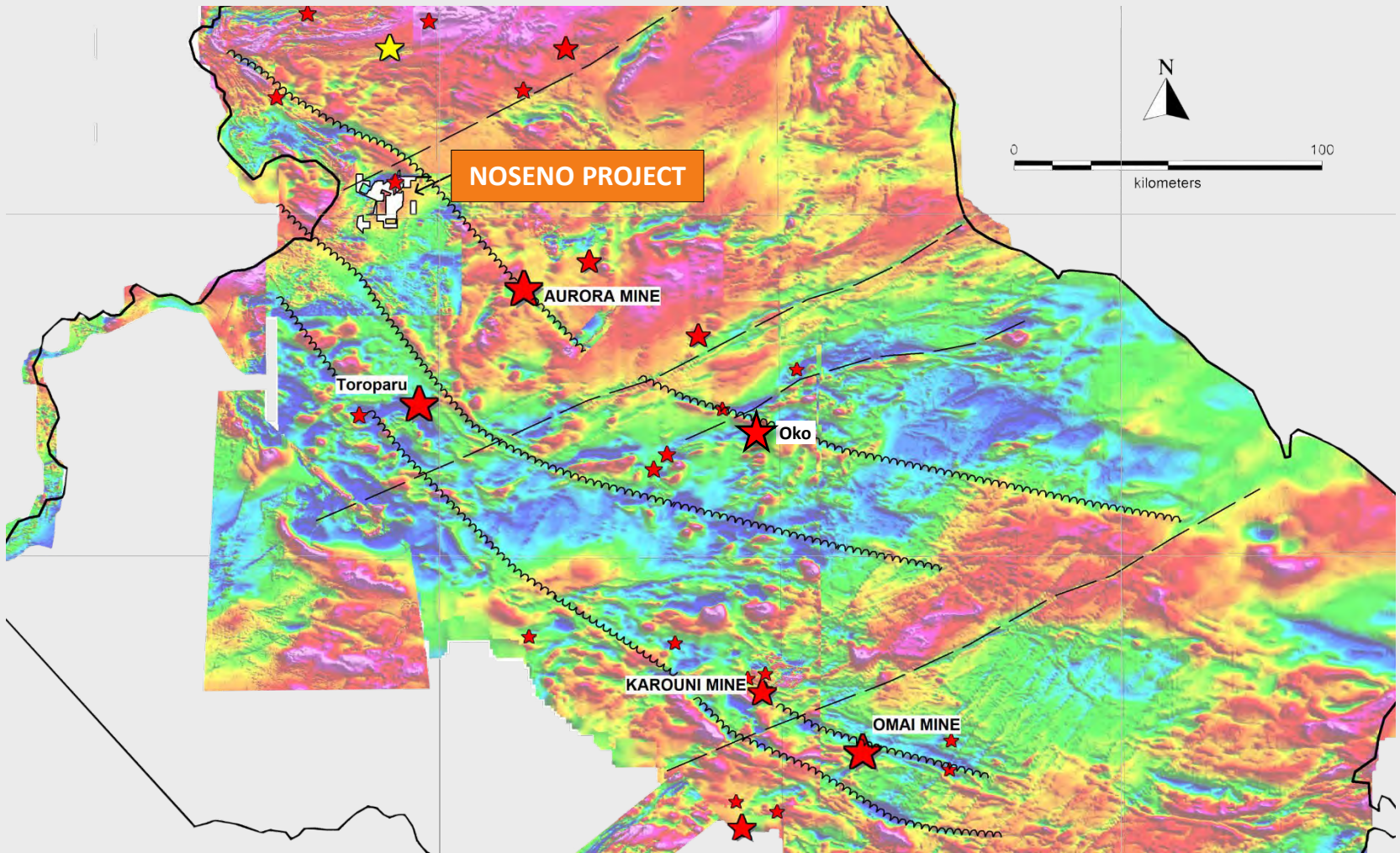
REGIONAL GEOLOGY

Noseno located in the same greenstone terrane that hosts the largest gold deposits in Guyana, the Aurora Mine and the Toroparu Project



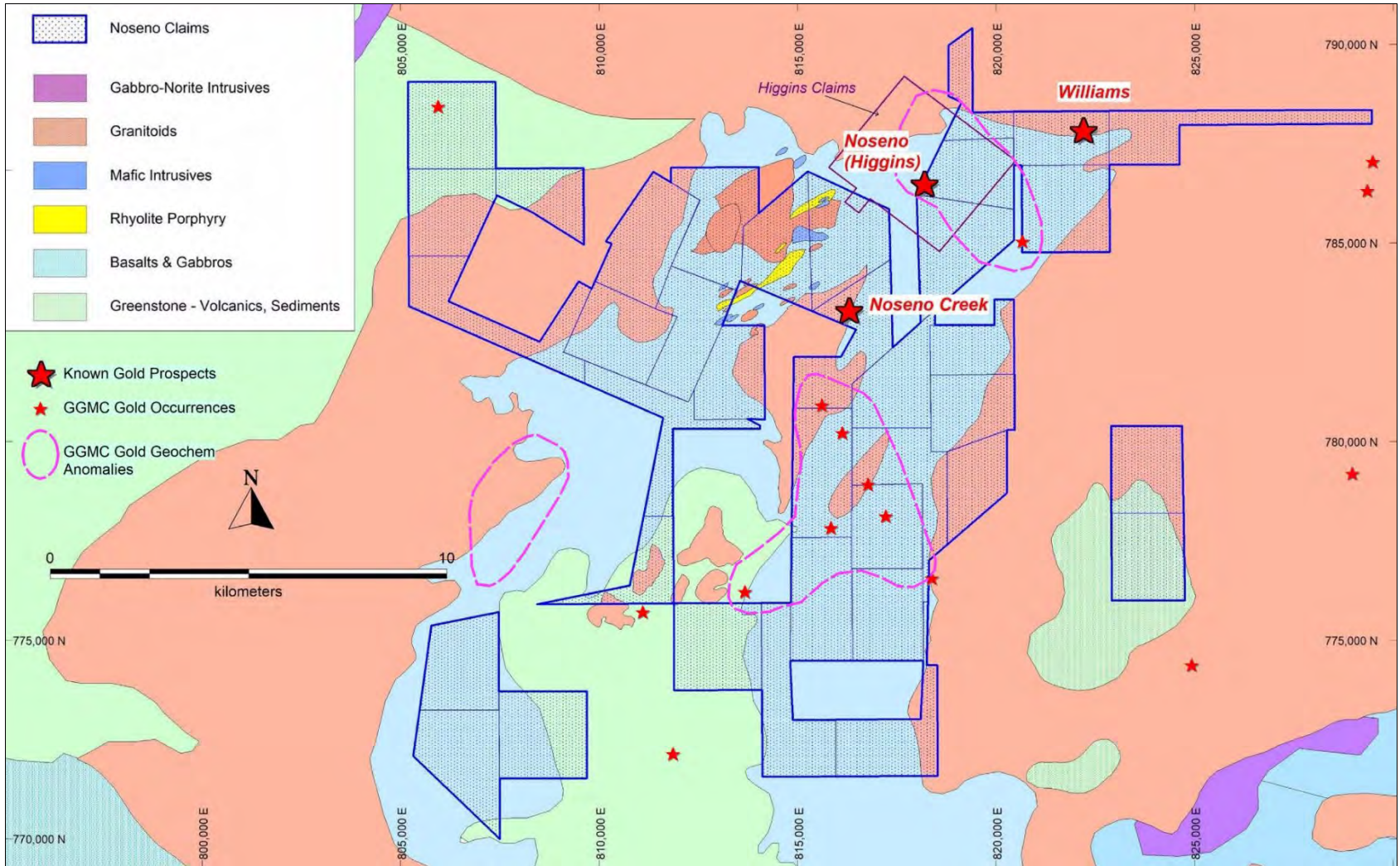
REGIONAL MAGNETICS

Situated between two major crustal structures along which the Aurora Mine and the Toroparu Project are located



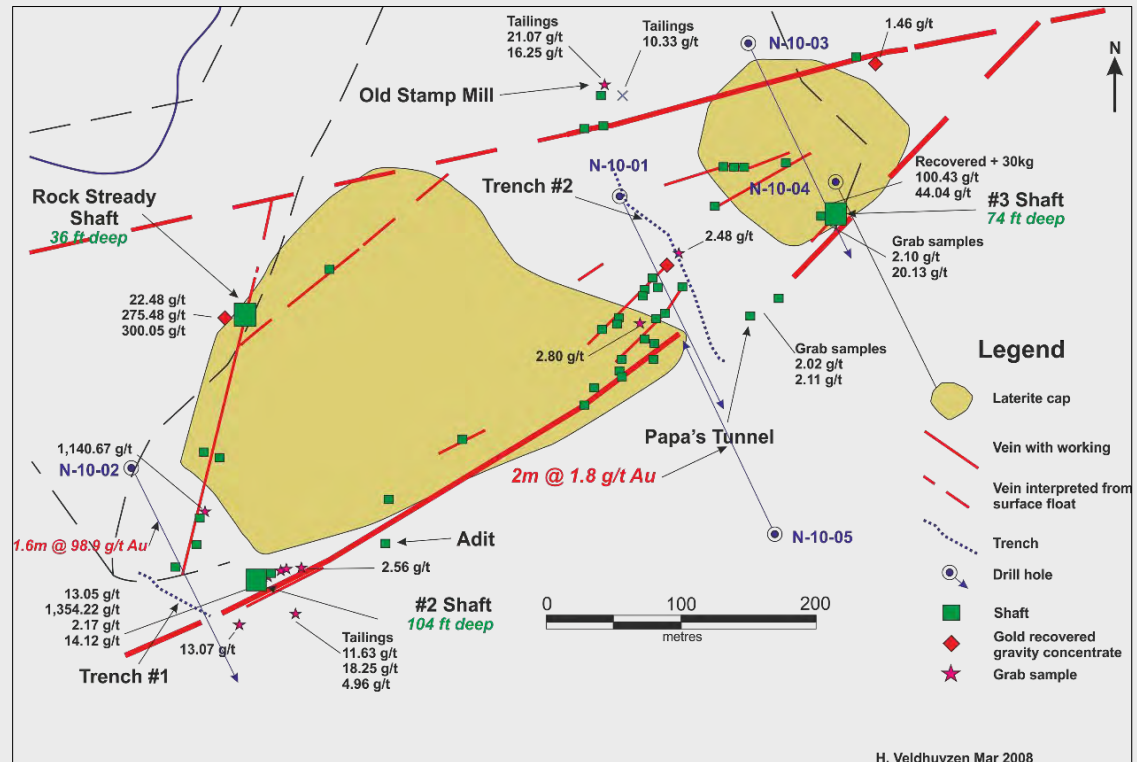
LOCAL GEOLOGY

Largely underlain by mafic volcanics & intrusives, intruded by multiple granitic stocks and larger batholiths surrounding the property.
→ Multiple contacts for orogenic, structurally controlled mineralization to have focused upon.



NOSENO (HIGGINS) PROSPECT

- Located on Higgins small-scale claims overlying XAU Resources mining permits
- Target of small-scale miners since the 1930's
- Multiple 0.5-1.0m wide quartz veins, multiple grab samples > 100 g/t Au, hosted in sheared amphibolites
- Limited diamond drilling by Riva Gold Corp in 2010 returned up to **1.6m @ 98.9 g/t Au including 0.5m @ 274 g/t Au**
- No exploration conducted by Riva Gold outside of the small Noseno and Williams prospect areas and no exploration since 2010



NUMEROUS ARTISANAL WORKINGS IN NOSENO AREA



EXPLORATION PROGRAMS

Exploration programs

Phases I-III Target Identification

- Stream sediment sampling started in October 2022, 80% complete
- Complete streams, soil sampling, infill soil sampling
- Geol mapping, prospecting, rock sampling

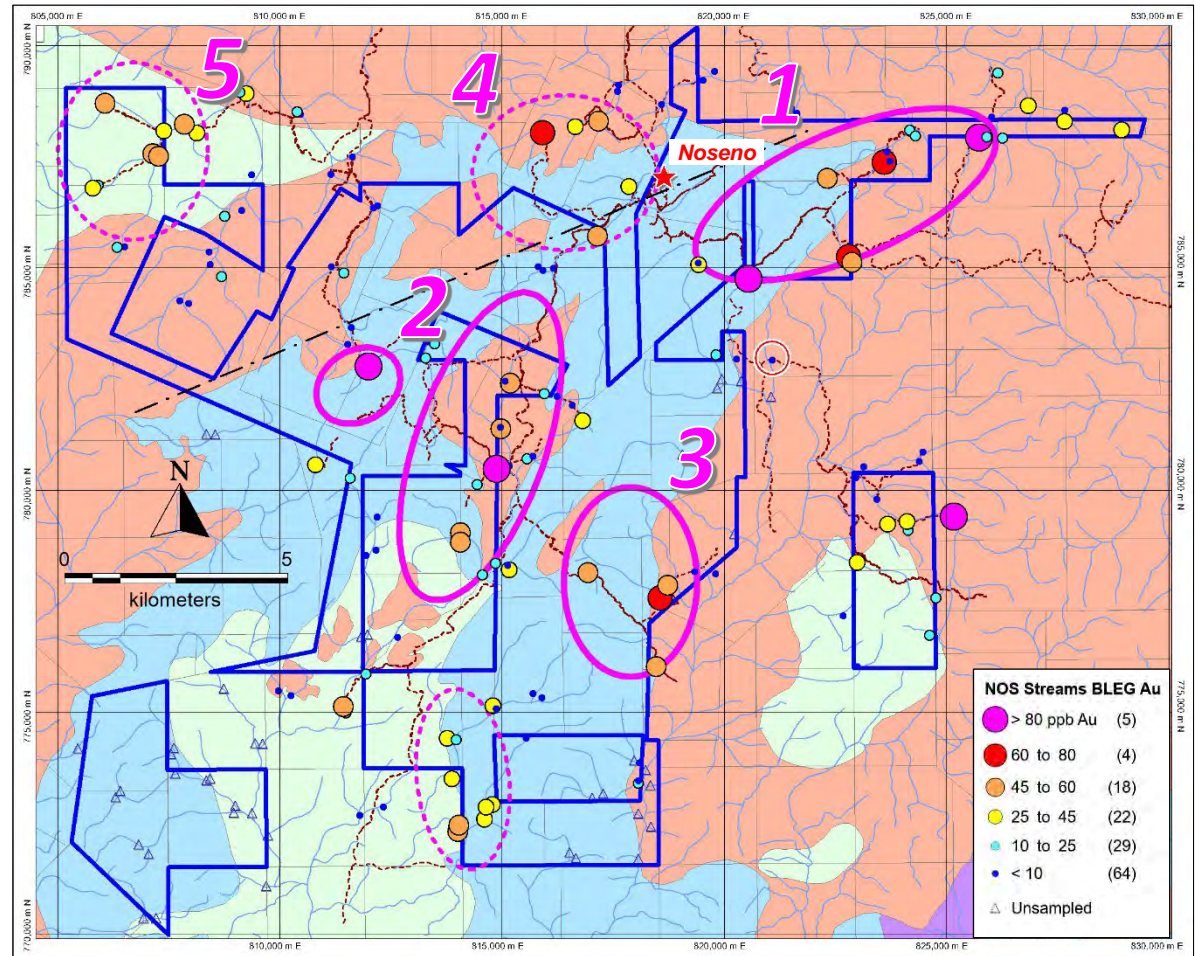
Phases IV-V Target Testing

- Trenching
- Diamond drilling



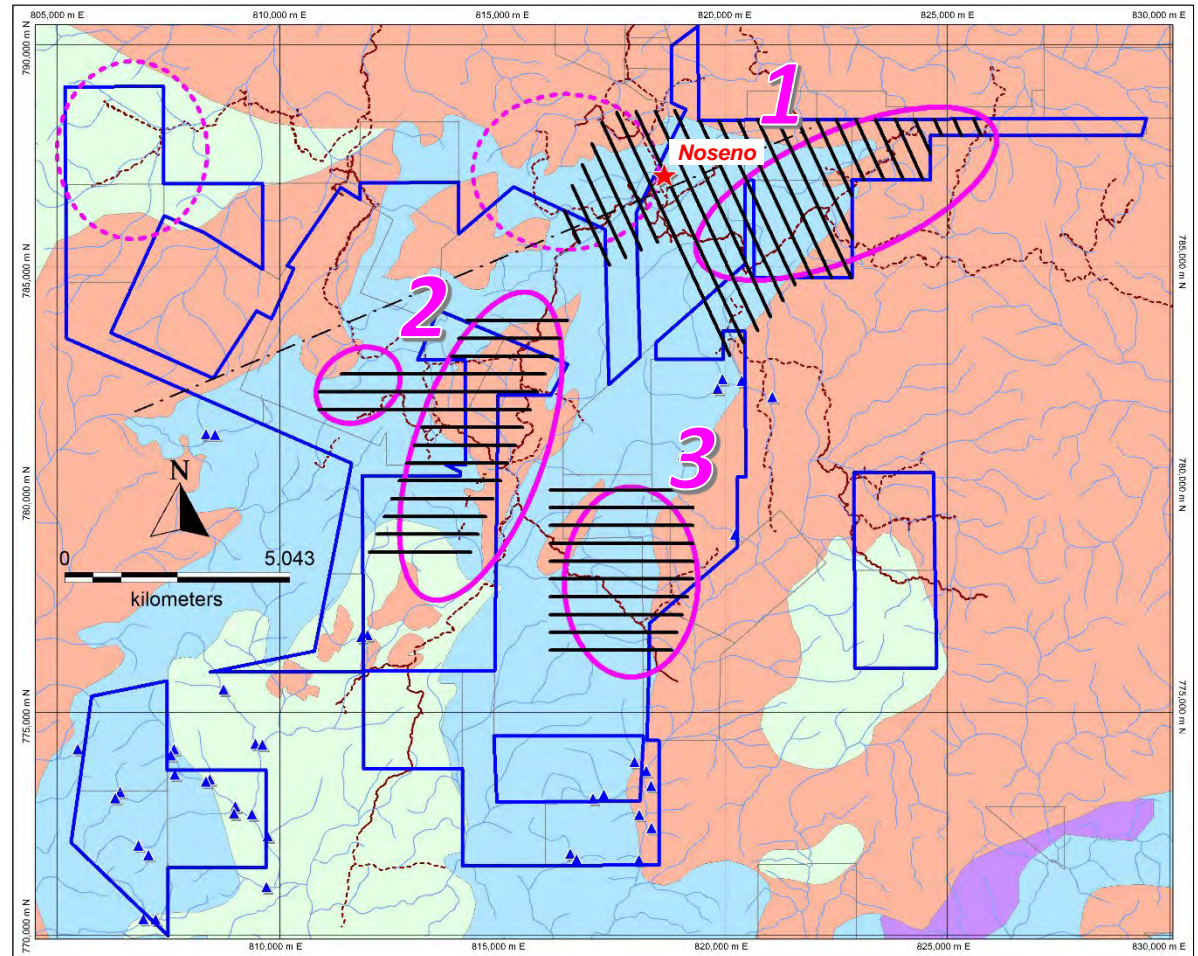
STREAM SEDIMENT SAMPLING PROGRAM

- BLEG Streams program conducted in Oct-Dec 2022 80% completed
- Several areas of strong Au anomalism identified corresponding to favourable geological settings
- Next phase of field work will complete the streams sampling and conduct first pass soil sampling over the top three target areas plus geological mapping & prospecting



FIRST PASS SOIL SAMPLING

- Stream sediment sampling to be completed (40 samp, ~ 1 week)
- A first-pass soil sampling program is planned to assess the top 3 target areas
- Soil sampling initially on 400m X 400m grids (3,400 samp ~ 13 weeks)
- Mapping & prospecting to accompany soil sampling
- Areas of significant anomalism will be followed up with tighter (200m) infill soil sampling to refine targets



BUDGET

| Phase | Objective | Activity / Items | Duration | Units | Estimated Cost (US\$) | Total Cost by Phase (US\$) |
|---------------|---|---|---|--------------------------|-----------------------|----------------------------|
| I | Initial property evaluation and target generation | BLEG stream sediment sampling | Stream sampling in Oct-Dec 2022; program 80% complete | | | |
| II | Access & Accomodations | Improved camp, 1 new ATV | | | 45,000 | |
| | Initial property evaluation and target generation | Complete BLEG streams | 0.3 mo | 40 streams | 10,000 | |
| | Target development | 1st pass soil sampling & geol/prospecting | 3 mo | 3,400 soils 300 rocks | 185,000 | 240,000 |
| III | Target development | Infill soil sampling, geol/prospecting | 2 mo | 1,700 soils 300 rocks | 100,000 | 100,000 |
| IV | Initial target testing | Trenching | 3 mo | 4,000m trenching | 450,000 | 450,000 |
| V | Follow up target testing | 1st pass diamond drilling | 2 mo | 2,500m of DDH | 650,000 | 650,000 |
| ~ 1 yr | | | | | US\$ | 1,440,000 |
| | | | | | CAD\$ | 1,960,000 |

- Phase I-II – minimum required to adequately assess Noseno’s potential
- Phase III – contingent upon the results from 1st pass soil sampling & prospecting
- Phases IV-V – contingent upon the anomalies generated in Phases II-III
- Estimated costs in USD. 15% added for management, G&A

BOARD OF DIRECTORS

Peter Hambro

Peter Hambro has been involved in the precious metals industry for more than 40 years, having started his business career as a banker. He joined the Mocatta Group, then the world's largest bullion traders, and went on to found his own company in 1990. This spawned LSE Premium-listed Petropavlovsk PLC, producing 600,000 Oz annually in Russia, but sadly the assets of this highly successful enterprise have now seemingly been misappropriated by agents of the Russian state. Mr. Hambro, Honorary Fellow of the Geological Society and of IoM3, has been involved in the Quartzstone project in Guyana since inception. He is Chairman of TXV-listed XAU Resources Inc., and a number of family companies.

Gary Bay

Experienced commodity trader. Over 10 years in resource exploration and corporate finance globally, including management of Diam Gold Guyana. Founder of Maroil Ltd. Involvements in mining and oil & gas industries.

Dan Hrushewsky

Over 20 years in mining project debt and equity finance (Bank of Nova Scotia, CIBC Asset Management, Jennings Capital) and corporate development (Inmet Mining/First Quantum Minerals, High River Gold/Nordgold, Chalice Gold Mines, Aureus Mining). Traded derivatives as founding partner of a commodity hedge fund.

Nataliya Hearn

Holds a PhD from University of Cambridge (UK) in Material Engineering. Has an extensive educational and entrepreneurial experience in private, public and non-profit organizations. Founder of Element 21 that brought Scandium technology from the former Soviet Union to sports, electronics, and aviation industries. Developed space age material applications for Mount Everest team with the warmest and thinnest jackets using ZeroLoft insulation material. Co-founder of CryptoChicks.ca, a volunteer organization with mission to grow the economic, professional and leadership potential of women and youth in blockchain and AI technologies through education, mentorship, business and diverse employment opportunities.. Ranked in Top 100 Canada's Women Entrepreneurs 2009.

Dani le Spethmann

Ms. Spethmann has over 30+ years' experience in northern Ontario, Canada and internationally in Latin American and Botswana including senior geologist and principal on two projects with significant discoveries (Choco 10 - Carolina Zone and Fruta del Norte) in Venezuela and in Ecuador. Companies she has worked with include IAMGOLD, African Copper, Aurelian Resources and Bolivar Goldfields. Ms. Spethmann studied geology at the University of Ottawa and recently completed the Mining Management Certificate at Ryerson University. She is a member of the Association of Professional Geoscientists Ontario, committee member of the Toronto Geological Discussion Group and WIM Toronto.

MANAGEMENT TEAM

Gary Bay – Chief Executive Officer

Experienced commodity trader. Over 10 years in resource exploration and corporate finance globally, including management of Diam Gold Guyana. Founder of Maroil Ltd. Involvements in mining and oil & gas industries.

Andrey Maruta – Chief Financial Officer

Experienced Finance professional with an 18-year track record, including CFO credentials of the UK, ASX, JSE and TSX public companies for over 9 years, of working as FD and CFO in the Natural Resources and Transportation industry. A proven record of building financial functions, implementing financial processes in a 10,000+ employee business. Skilled in fundraising, IPOs, acquisition appraisal, M&A, debt refinancing, public and bank debt issue, business planning, FP&A, business transformation, tax, audit and system review/implementation.

Kevin Thomson – VP Exploration

Professional Geologist with 35 years experience including technical, corporate and project management in West Africa and Canada, including Group Exploration Manager, West Africa for Perseus Mining; Exploration Manager, Ghana for Newmont Mining; and in Canada with Noranda Exploration, Hemlo Gold and Battle Mountain Gold. As Exploration Manager for Perseus Mining, managed exploration and resource drilling programs in Ghana and Cote d'Ivoire resulting in the addition of > 7.0 million ounces in gold resources.