# TAILWINDS EXPLORATION

CORPORATE PRESENTATION

May 2022

CORP

## Cautionary Statement



Certain information contained in this presentation of Tailwinds Exploration Corp. ("Tailwinds") may be forward-looking statements or information (referred to as "forward-looking statements"). Forward-looking statements are often, but not always, identified by the use of words such as "anticipate", "plan", "estimate", "expect", "may", "intend", "might", "believe" and similar expressions. Examples of such forward-looking statements in this presentation include geological success, field geology results, proposed share issuances, forecasted expenditures and cash balances and the likelihood and timing of obtaining a listing for Tailwinds shares on a recognized stock exchange. The forward-looking statements are based on certain assumptions, which include whether Tailwinds has sufficient capital to carry out its business and exploration plans and whether these plans will produce the results intended by Tailwinds. Although Tailwinds believes that the expectations reflected in such forward-looking statements are based upon reasonable assumptions, it can give no assurance that those expectations will prove to be correct. These risks include changes in general economic and market conditions, changes in government and securities policies and changes in regulations impacting the mining industry. The junior mining exploration business is highly risky and subject to a high degree of geological and financial risks. Accordingly, readers should not place undue reliance upon the forward-looking statements contained in this presentation and such forward-looking statements should not be interpreted or regarded as guarantees of future outcomes. Any forward-looking statements contained in this document are qualified by this Cautionary Statement and are made as of the date hereof and Tailwinds does not undertake to update or revise them, except as may be required by applicable securities law.

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### Introduction



- Tailwinds Exploration Corp. is a BC Private Company founded in August 2020 with a mandate to pursue precious metals exploration opportunities in North America.
- Tailwinds believes that the best possible chance of success for a junior explorer requires expertise in three core
  areas; exploration geology, public company management and junior capital markets.
- Tailwinds was accordingly founded with a team that has proven experience in each core competency and is committed to making the company a success.
- Tailwinds has a 100% ownership interest in 4 precious metals properties in Southern BC.
- To date Tailwinds has raised a total of \$810,000 from a select group of friends and accredited investors.

### Management and Directors



#### **Graeme Evans, Director**

Graeme Evans has worked continuously in mineral exploration throughout North America for over 40 years. Mr. Evan's experience includes grassroots to advanced feasibility programs exploring for porphyries, sedex, VMS, skarns and mesothermal and epithermal gold systems for a number of senior companies including Hudson Bay Mining, B.P. Selco, Inmet and more recently Teck Resources between 1991 and 2009. Since 2009, Graeme has consulted for various junior exploration companies including Ascot Resources Ltd. (TSX) from 2009 to 2018. Graeme obtained his B.Sc. Geology from UBC and is a registered P.Geo. in both BC and Ontario.

#### **Doug Frame, Director**

Mr. Frame is a seasoned business executive with extensive international experience. Early in his career he spent 10 years with US Steel in managerial positions in Canada, Brazil and the UK. He then spent two decades in executive positions with Dreco Energy Services Ltd. (TSX) working in South America, Russia, China and the Middle East. Mr. Frame was also employed for two years as VP of Downhole Products for National Oilwell where he was a member of their Leadership Team. Doug has been a Director of several public companies including Dreco Energy Services Ltd. He received a degree in Mechanical Engineering from the University of Saskatchewan.





## Management and Directors

#### Peter McKeown, CFO and Director

Mr. McKeown has been involved in the start-up and growth of businesses throughout his 40 year career. He has served in various executive capacities including President, CFO and Director of many public companies, primarily in the oil & gas, mineral exploration and technology sectors. He has been a Vice-President of Player Capital Corporation since 2011, which provides financial and managerial expertise to growing organizations. Prior thereto he was the CFO of Axia Netmedia Corporation (TSX) for over a decade. Peter obtained his CPA in 1980 while employed with KPMG.

#### Lyle Morgenthaler, Director

Lyle Morgenthaler is a Professional Engineer and received his Bachelor of Applied Science in Mining Engineering and Mineral Processing from the University of British Columbia in 1984. During his 30-year career, Mr. Morgenthaler has participated in mine development projects for Hope Bay Mining, Sabina Silver and mine operations at Elgin Mining's Bjorkdal Gold Mine in Sweden. Mr. Morgenthaler also spent seven years involved with the construction, start-up and operation of the Pretivm Resources Inc. underground Brucejack Mine in Northwestern BC. He acted as the qualified person for Brucejack's mining operations from 2017 to 2020. Currently Mr. Morgenthaler serves as a consulting engineer for Exminda Corp.



### Management and Directors

#### Allan Frame, President and Director

Before joining Tailwinds, Allan Frame was an investment advisor for over four decades. During this period he was an executive at investment dealers including Yorkton Securities, Macquarie Group and Richardson GMP. Throughout his career, Mr. Frame was involved with numerous IPO's on the TSX Venture Exchange for smaller capitalization companies involved primarily in the resource and mineral exploration businesses. Mr. Frame has been an ongoing source of capital through private placements for those ventures which proved successful. Allan was instrumental in providing capital and generating investor interest in successful public mining exploration companies such as Far West Mining and Ascot Resources Ltd. (TSX) during their start-up phase. Allan is related to a Director of Tailwinds, Mr. Doug Frame.

#### Lawrence Tsang, Advisor for Exploration Geology

Mr. Tsang is a geologist with over 12 years experience in the exploration and development of gold and silver deposits in North America. His expertise includes preliminary resource assessment and project discovery. His work experience includes working as a field geologist, supervising drilling, geological logging, interpretation and geo modeling. Mr. Tsang is currently a Senior Geologist with Ascot Resources Ltd. (TSX) where he has managed their extensive drilling programs and is engaged in the development of their gold/silver hydrothermal deposits. Lawrence received his B.Sc. Geology from UBC in 2008 and is currently registered as a P. Geo with EGBC.

## Property Expenditures



Property	Songbird	Emerald Hill	Jan	Valparaiso	Total
Acquisition costs Assay and Analysis	813 -	1,054 -	883	72,800 8.835	75,550 8,835
Geological Fieldwork and Analysis	<u>-</u>	<del>-</del>	<u> </u>	52,601	52,601
Technical Report	- 4 575	- 1 400	-	6,726	6,726
Travel and accommodation Other	1,575 	1,480 	981 	594 850	4,630 <u>850</u>
Balance as at: 30-Sep-2021	\$2,388	\$2,534	\$1,864	\$142,406	\$149,192

### Resources and Capital Structure



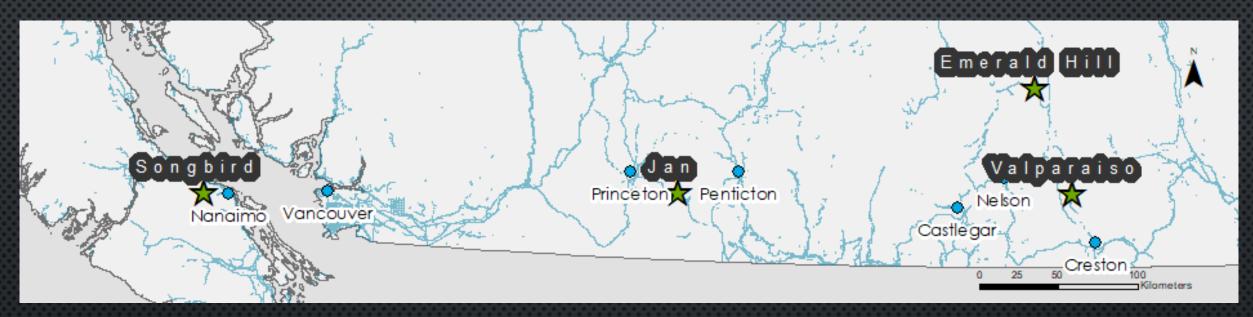
Net cash Balance as at May 15, 2022	\$512,800
Flow Through Expenditures for 2022	<u>400,000</u>
Available Cash Balance	\$112,800

Common Shares Outstanding 18,040,000 Warrants & Options Outstanding NIL

Estimated G&A Expenses for FY2022 \$65,000

### Precious Metals Properties





- 4 Gold Properties
- All properties owned 100% by Tailwinds
- Located in Southern British Columbia for longer field season
- Close to highways, roads and cities with good access
- Good jurisdiction for mineral exploration activities
- Potential to upsize all properties
- The technical information provided has been reviewed and approved by Graeme Evans, P.Geo, who is a qualified person as defined under National Instrument 43-101



## Precious Metals Properties

		Size	Tailwinds	Encumbrances	
Property	Location	Hectares	Ownership	Commitments	
Valparaiso	South Kootenay Region 40km north of Creston	3741	100%	None	
Jan	SW Okanagan Region 5km north west of Hedle	505 ey	100%	None	
Songbird	Vancouver Island 20km west of Nanaimo	464	100%	None	
Emerald Hill	Slocan Lake Region 20km east of New Denve	602 er	100%	None	

## Emerald Hill Gold Project Overview

#### Good Access to the Property

- 20km E of New Denver, BC
- Highway 31A access and trails and logging roads network

#### **Good Geology and History**

- Two Gold exploration targets on the property:
  - Ag-Pb-Zn targets of the Slocan camp style (Slocan camp produced over 40Moz Ag from high grade veins)
  - ➤ Mesothermal ophiolite gold target a large Gold soil anomaly 3km by 500m wide with extensive listwanite alteration, silicification and quartz-carbonate veins (Similar to the Bralorne camp in BC produced over 4.2Moz Au and the Motherlode camp in California produced over 128Moz Au)

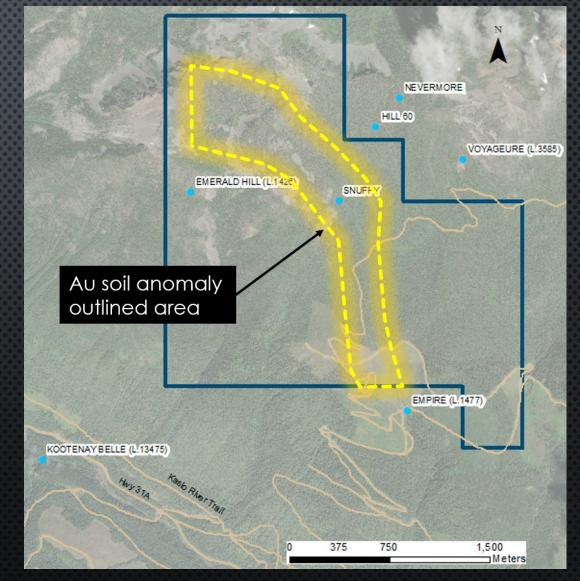
#### 2021 Exploration Program

First phase of mapping and prospecting of the property

#### 2022 Outlook

 Additional mapping and sampling at higher elevation with more enhanced soil anomaly, and drone magnetic survey





## Jan Gold Project Overview

#### Good Access to the Property

- 5km NW of Hedley, BC
- Highway 3 access and trails and logging roads network

#### Good Geology and History

- On trend to the W of the Barrick Gold's Hedley mine (1904-1996 produced 2.5Moz Au)
- Historical trenches, pits and adits, mapping, and soil geochem, and surface grab sampling including:
  - > 95.32g/t Au over 1.8m
  - > 122.69g/t Au over 0.7m
  - > 19.78g/t Au over 6.0m
- Two Gold exploration targets on the property:
  - 1. Gold Skarns
  - 2. High Grade Gold Veins

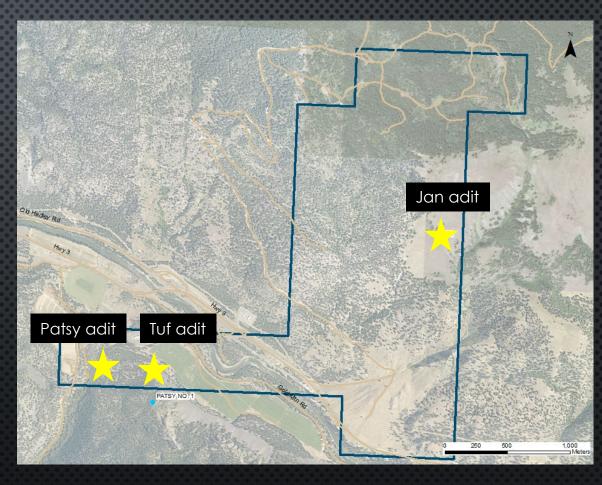
#### 2021 Exploration Program

- Mapping and sampling
- Up to 13.65 g/t Au grab sample from an old trench near Patsy

#### 2022 Outlook

• Detailed mapping, soil sampling program, and drone magnetic survey





## Songbird Gold Project Overview

#### Good Access to the Property

- 20km W of Nanaimo
- NW Bay logging road connected to Island Highway access
- Trails and logging roads network

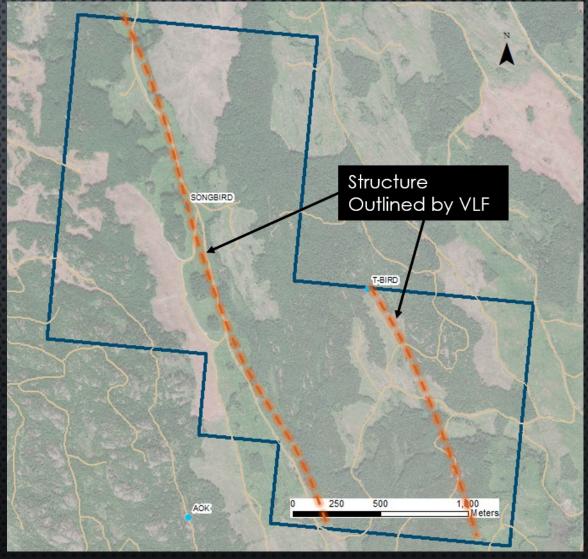
#### **Good Geology and History**

- Mesothermal structural gold system mapped and traced for over 2km strike length
- Exploration history from 1960 to 1991 with mapping, soil geochem, VLF, surface trenching and sampling including:
  - 6.7g/t Au and 47.7g/t Ag over 9.1m
  - 4.0g/t Au and 29.2g/t Ag over 8.9m

#### 2021 Exploration Program

- Located the main Songbird showing area but not the historical works due to dense trees and bushes
- Prospecting and sampling delineated the trend of the mineralized structure
- Applied for Drilling and Trenching Permit (approved and issued on Dec 17, 2021 for 5 years)





### Songbird Gold Project 2022 Exploration Plan

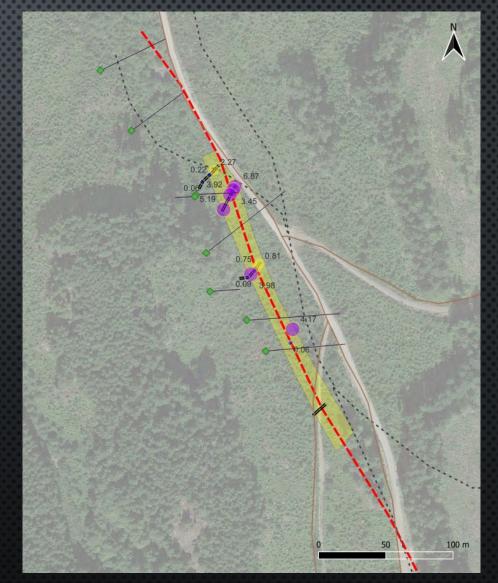
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#### **Permit Summary**

- Mines Act permit approved and issued on Dec 17, 2021 (MX-100000175)
- 5 years Area Based Permit for
  - 30 drill sites
  - 1 km of exploration access road construction
  - 3 trenches

#### 2022 Exploration Program

- Trenching of the Songbird and T-Bird showings to expose the veins for systematic sampling
- Mapping and prospecting to extend the vein structure
- Re-activation of old trail for drilling access
- Drill ready for 2022 or 2023



## Valparaiso Gold Project Overview

## TAILWINDS EXPLORATION CORP

#### Good Access to the Property

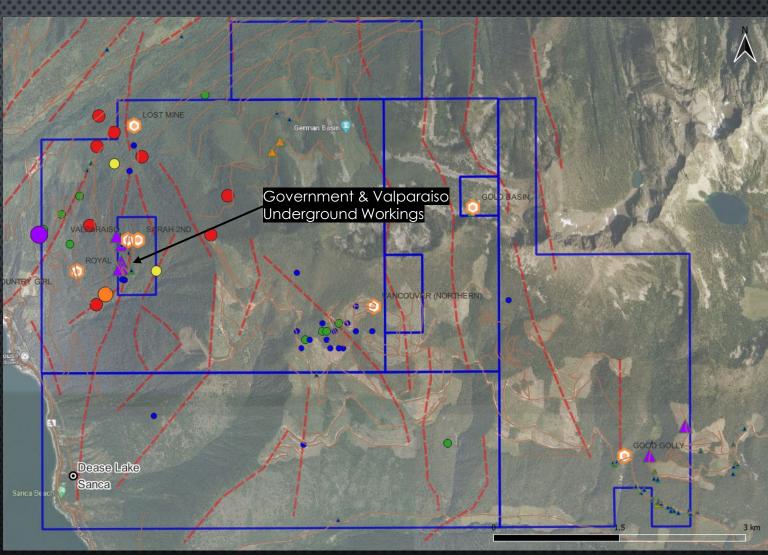
- 40km N of Creston, BC
- Highway 3A access and trails and logging roads network

#### Good Land Package

- Expanded the property to 3,741 Hectares
- More MINFILE showings
- More geophysics and geochem outlined targets

#### **Good History**

- One of the better Reduced Intrusive Gold Systems (RIGS) identified by BCGS
- Good continuity one of the veins (the Government and the Valparaiso) traced on surface for over 1,500m ranging from 0.3 to 7.6m thick averaging about 10gpt Au
- Good geological analogy to the Pogo and the Fort Knox deposits
- Historical work includes surface mapping, airborne geophysics, underground development, soil Geochem and underground samplings



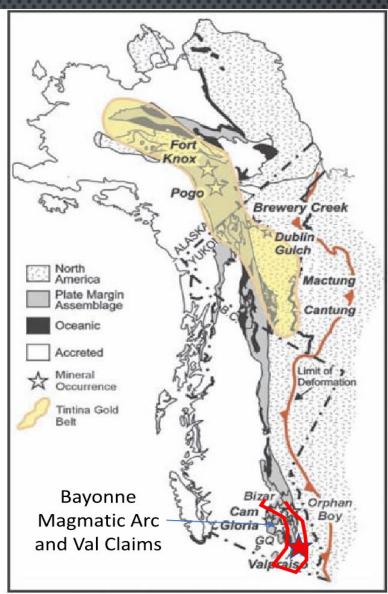
## Valparaiso Gold Project

Geology

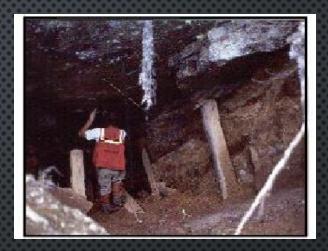
The Valparaiso Gold Project located in the Bayonne Magmatic Arc in BC has many of the same features of the Tintina Gold Belt in Alaska with similar subtle features of the "plain and simple" sheeted veins that carry a lot of GOLD, the Pogo mine (produced 3.9Moz Au at 13.6g/t with 5.95Moz Au at 9.6g/t in resources by Northern Star Resources Ltd. ) and the Fort Knox mine (produced 7.5m oz Au with 2.8Moz Au at 0.3g/t in reserves).

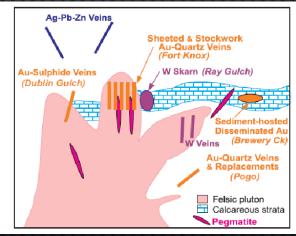
This type of deposit is classified as Intrusive Related Gold System (IRGS). It was noted that the wide range of mineralization styles and geochemical variations vary predictably outward from a central pluton from 100m to 5km in diameter (Hart et al. 2002).

The Valparaiso project's Sanca Stock is the youngest stock of the Mt. Skelly pluton and this makes it a better target for Au-Ag as it has more of the volatiles focused around it instead of the earlier Mo-W phases in the older stock. Generally, the sheeted veins strike 350 degrees and dips 40 degrees to the East.









Schematic model of plutonic-related mineral deposits showing different styles and zonation of intermediate to felsic "reduced" plutons intruded into a continental margin setting.

### Valparaiso Gold Project Overview



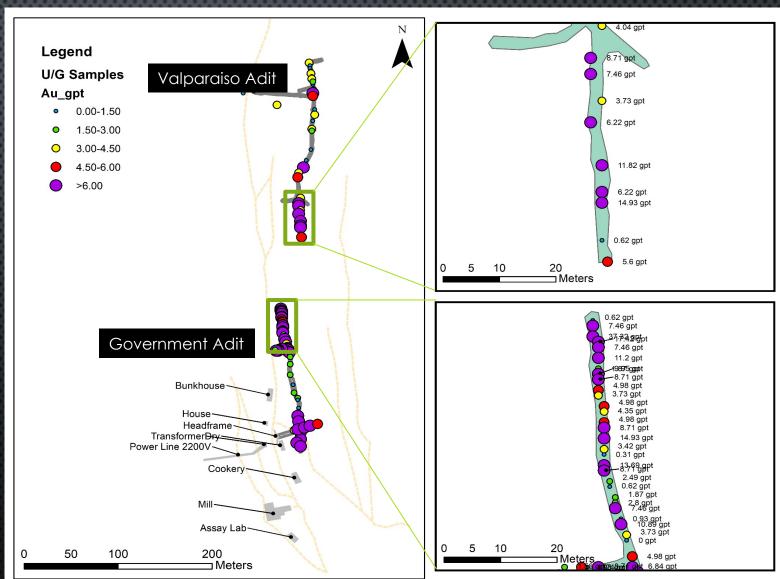
Over 360m underground workings developed historically across the Government and the Valparaiso showings.

#### Valparaiso Adit including:

- 11 Channel samples over 37.5m averaging 1.74m's grading 3.4g/t Au and 37.6g/t Ag Government Adit including:
- 20 Channel samples over 30m averaging
   1.95m's grading 10.3g/t Au and 46.5g/t Ag
- Channel samples over 54m averaging 1.50m's grading 10.3g/t Au and 68.4g/t Ag
- 7 Channel samples over 33m averaging
   1.25m's grading 10.0g/t Au and 130.3g/t Ag

In 1933, 293 tonnes of ore were processed from the Valparaiso adit grading 11.7g/t Au and 120g/t Ag.

In 1981, an indicated resource of 37,700 tonnes grading 8.75g/t Au and 104.2g/t Ag was reported.

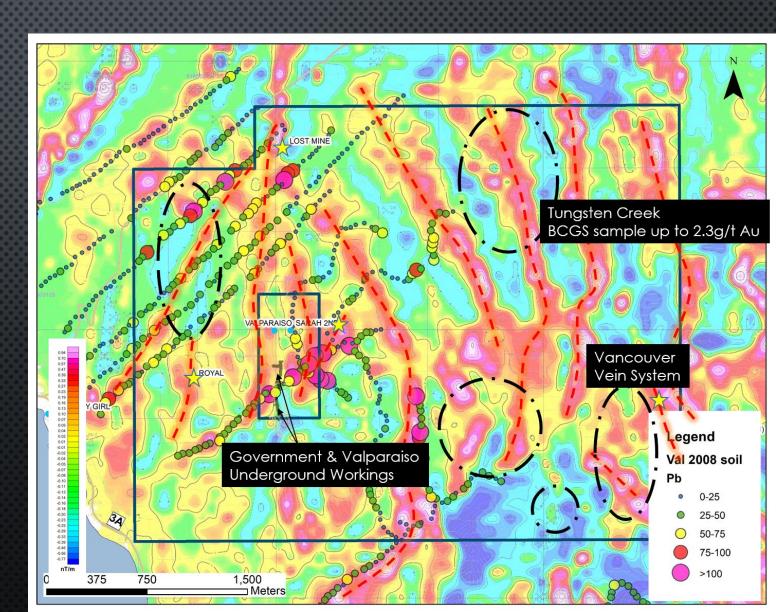


## Valparaiso Gold Project Blue Sky



#### **Number of Obvious Targets**

- Targets to follow up include the Lost Mine, the Vancouver vein system, and the Royal vein system
- BCGS identified the Tungsten Creek zone with grab samples up to 2.3g/t Au and 0.8% Pb
- Airborne Magnetic Vertical Derivative outlines a number of prospective structures across the Sanca stock - Red dashed lines
- Soil Geochem of Pb (ppm) agrees with the high Mag trends
- Only 1 of the many veins has been sampled historically (the Government and the Valparaiso) and yielded high grade results but have not been drilled tested
- N-S trending structures are still open in both directions with open ground for staking
- Potential to define high-grade resources.
- Excellent geographical location for longer field season



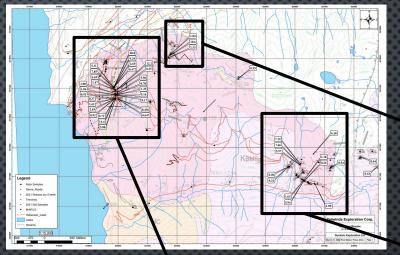
## Valparaiso Gold Project 2022 Exploration Plan

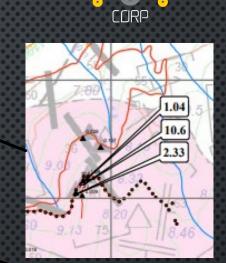
#### 2021 Program

- Soil and rock samplings (452 soil and 109 rock samples)
- Petrographic Study and mapping
- Historical geochemical data leveling and geophysical data reprocessing
- Geotechnical Road Report
- GOLD g/t from 2021 field work depicted

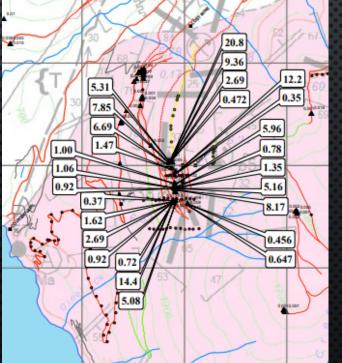
#### 2022 Program

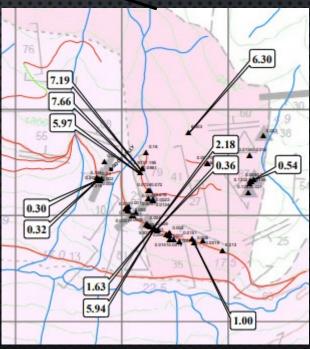
- Drill test the Government and Valparaiso vein system
  - 1,500m of drilling
- Continue to identify new targets
- Detailed mapping and more prospecting work





TAILWINDS EXPLORATION





### Summary



- Advantageous precious metals markets
- Drill Valparaiso and explore/drill Songbird in 2022
- Keep looking for more advanced property North America
- Raise a modest amount of share capital before IPO
- Work on IPO and look for public listing in early 2023





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