



# Hannanmetals

**COPPER | SILVER | GOLD**  
**PERU**

***DEFINING LARGE MINERALIZING SYSTEM  
IN PERU'S NEW FRONTIER AREAS***

**CORPORATE PRESENTATION MAY 2021**

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**Qualified Person:** The qualified person for Hannan's projects, Michael Hudson, CEO for Hannan, and a Fellow of the Australasian Institute of Mining and Metallurgy, has reviewed and verified the contents of this presentation.

# Overview



- ✓ **Hannan is a first mover in the highly prospective sub-Andean region of Peru**
- ✓ **Secured dominant land positions in Huallaga and Pachitea basins, top 10 tenure holder in Peru**
- ✓ **US\$35M joint venture agreement with JOGMEC on one third of ground position**
- ✓ **Looking to repeat, plans for 2021 – exploring 1,209 sq km in own right**

# Capital Structure



OTC Pink

INSIDERS:

SHARES ON ISSUE:

FULLY DILUTED:

RECENT PRICE:

MARKET CAP:

CASH:

ENTERPRISE VALUE:

HAN

HANNF

16%

84.8 M

111.2 M

C\$0.40 (21 May)

C\$33.8 M

C\$2.0 M

C\$31.8 M



## Options

Expiring November 14, 2021	\$0.10	701,000	
Expiring November 15, 2021	\$0.10	60,000	
Expiring January 23, 2023	\$0.25	3,545,000	
Expiring May 28, 2023	\$0.28	100,000	
Expiring July 21, 2023	\$0.44	250,000	
Expiring August 11, 2023	\$0.455	250,000	
Expiring September 4, 2023	\$0.13	250,000	
Expiring October 8, 2023	\$0.365	100,000	
Expiring December 1, 2023	\$0.435	100,000	5,356,000

## Warrants

Expiring July 6, 2021	\$0.25	6,334,300	
Expiring February 18, 2022	\$0.30	12,752,629	
Expiring July 13, 2022	\$0.35	2,000,000	21,086,929

# Directors & Officers



**Michael Hudson (Chairman & CEO):** *B.Sc. (Hons), GDipAppFin, FAusIMM, MAIG*



**Lars Dahlenborg (President):** *MSC. MAIG*



**David Henstridge (Director):** *B.Sc. (Hons), FAusIMM, MAIG, MGSAust*



**Georgina Carnegie (Director):** *B.Com, AM Harvard*



**Ciara Talbot (Director):** *B.Sc. (Honours)*



**Nick DeMare (Director):** *CPA, CA*



**Mariana Bermudez (Corporate Secretary)**



**Quinton Hennigh – Technical Adviser**

Hannan is managed by a group with careers built in the exploration industry.

In recent years, the group has raised more than US\$100M for European and Peruvian exploration and development.

Hannan management is highly experienced with a long history of working in Peru.

# Peru Top 10 Tenure Holder



***"Some of the world's largest mining companies share our belief that big grassroots discoveries are best made within big land positions"***

RANK	Owner	sq km	Market Cap US\$M
1	FRESNILLO PERU S.A.C.	6,873	12,043
2	NEXA RESOURCES PERU S.A.A (incl. COMPANIA MINERA MILPO S.A.A.)	4,743	1,080
3	COMPANIA MINERA ARES S.A.C. (HOCHSCHILD MINING PLC)	4,580	1,566
4	SOCIEDAD MINERA VICUS EXPLORACIONES S.A.C. (AURANIA RESOURCES LTD)	4,022	125
5	COMPANIA DE MINAS BUENAVENTURA S.A.A.	3,738	2,857
6	VALE EXPLORATION PERU S.A.C.	3,478	97,060
7	BHP BILLITON WORLD EXPLORATION INC. SUCURSAL DEL PERU	2,651	183,173
8	NEWMONT PERU S.R.L.	2,177	50,440
9	MINERA BARRICK MISQUICHILCA S.A.	2,151	42,660
10	<b>HANNAN METALS LTD</b>	1,869	28
11	RIO TINTO MINING AND EXPLORATION S.A.C.	1,863	155,708

The top ten Peruvian tenure holders average US\$50B market capitalization and combined hold 18.0% of the tenure held in Peru

Top ranked Peruvian tenure holders at the end of December 2020, considering granted mining concession and application. The table highlights ranked area under tenure and market capitalization. Source: <https://geocatmin.ingemmet.gob.pe/geocatmin/>



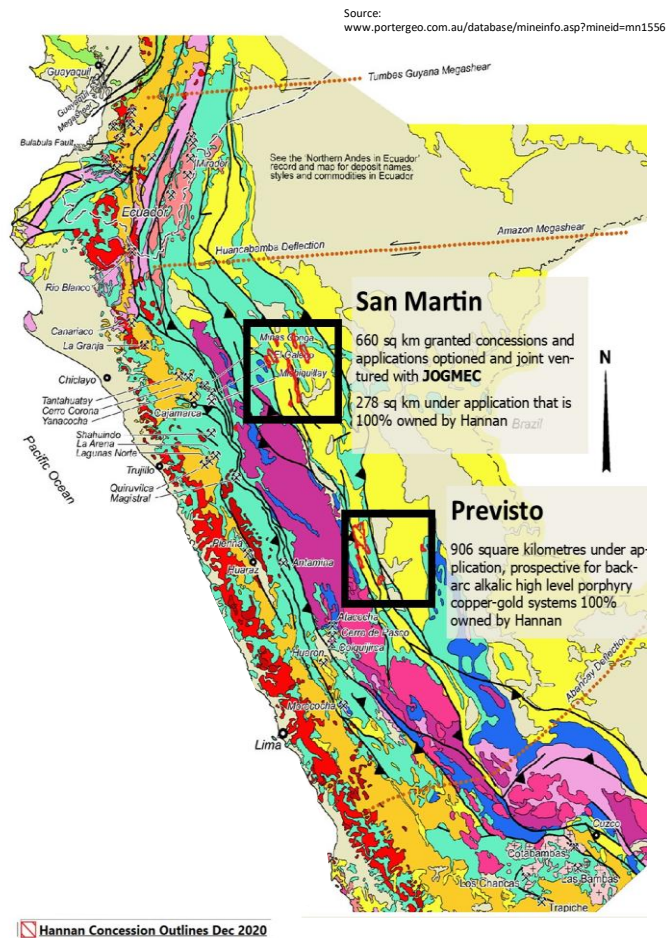
# Hannan in Peru

## SAN MARTIN

- 2020 deal with Japan Oil, Gas and Metals National Corporation ("JOGMEC")
- JOGMEC has the option to earn up to a **75% beneficial interest in the San Martin Project by spending up to US\$35,000,000** to deliver to the joint venture a feasibility study on 660 sq km

## PREVISTO

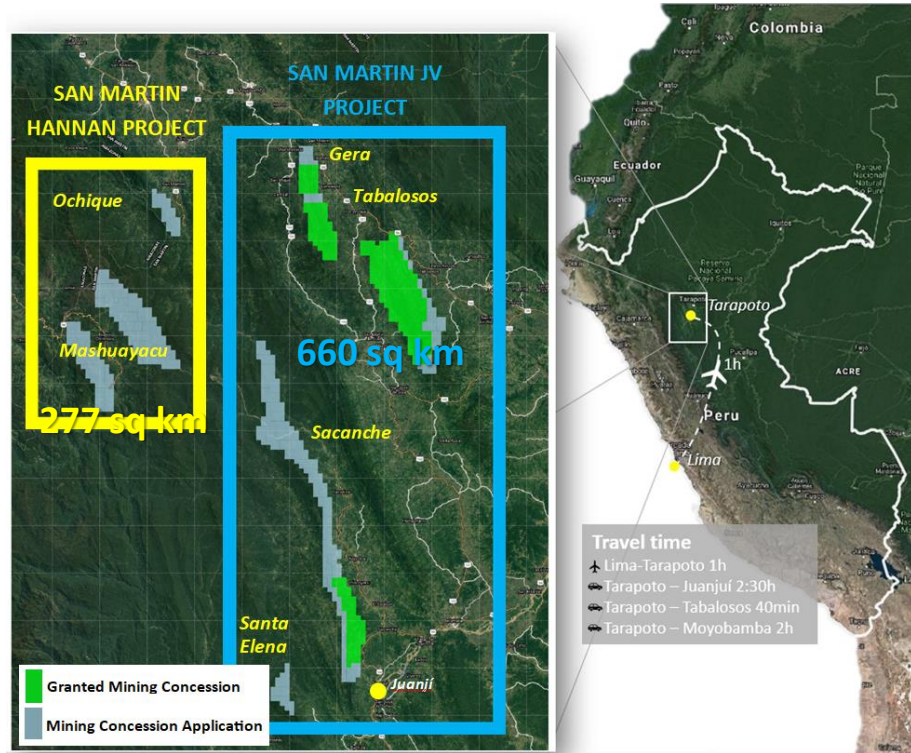
- At **Previsto**, 932 square kilometres of mining concession applications prospective for back-arc alkalic high level porphyry copper-gold systems in central eastern Peru



# San Martin



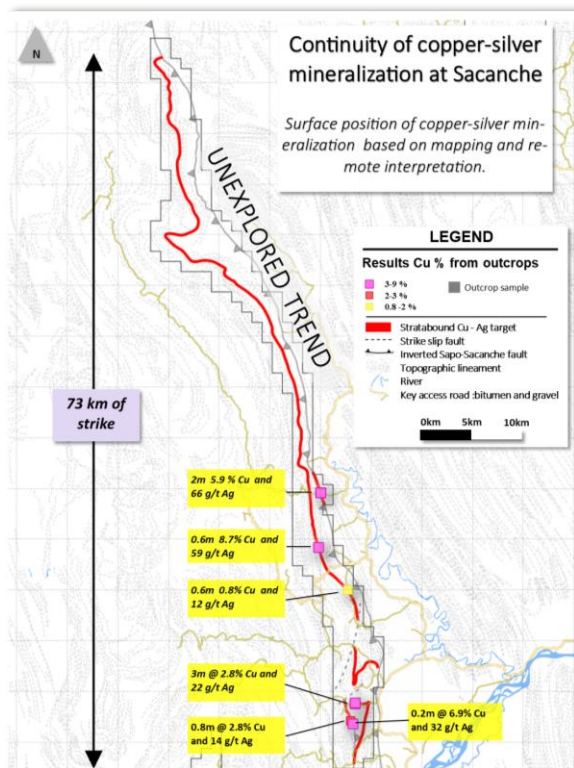
- ✓ Well defined search space
- ✓ Basin wide mineralizing process
- ✓ High grade Cu-Ag mineralization in 500m wide stratigraphic window





# Sacanche stratiform Cu-Ag mineralization

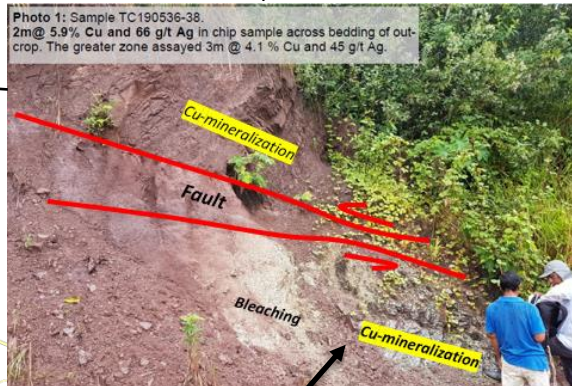
- ✓ Mineralized shaley unit over 80km
- ✓ High grade copper-silver
- ✓ Width 0.5-3 metres



# Sacanche Cu-Ag mineralization

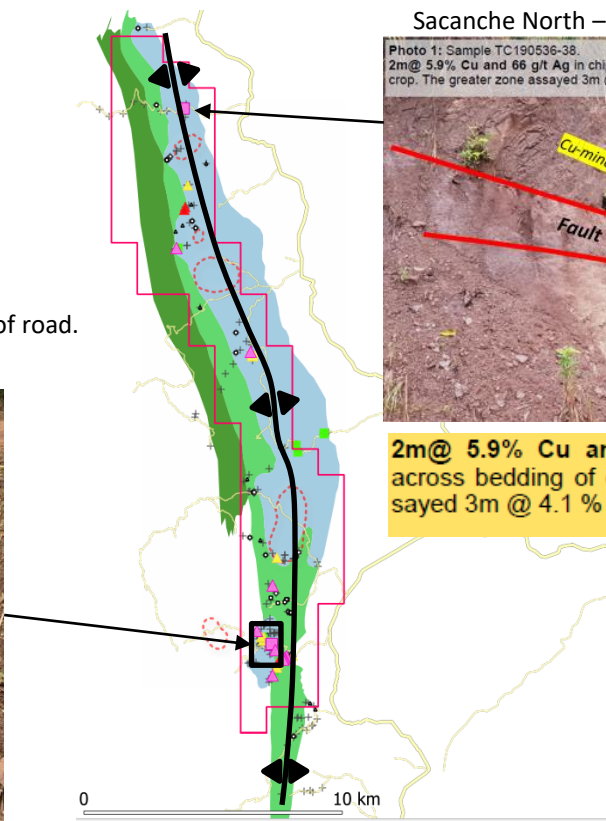


Sacanche North – exposure at side of road.



**2m@ 5.9% Cu and 66 g/t Ag in chip sample across bedding of outcrop. The greater zone assayed 3m @ 4.1 % Cu and 45 g/t Ag.**

Sacanche South – exposure at side of road.



# Tabalosos Cu-Ag mineralization



## CHANNEL RESULTS

**2.0 metres @ 4.9% copper and 62 g/t silver** (partially sampled);

**6.2 metres @ 0.8% copper and 19 g/t silver** (full sample);  
including **1.3 metres @ 3.5% copper and 86 g/t silver**;

**0.4 metres @ 6.3% copper, 152 g/t silver** (partially sampled);

**0.4 metres @ 7.2% copper, 163 g/t silver** (partially sampled);

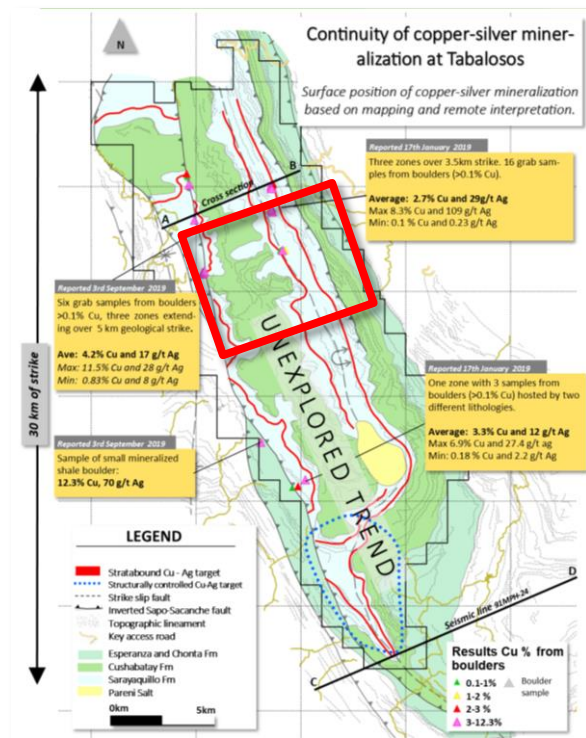
**1.0 metre @ 6.3% copper and 101 g/t silver** (partially sampled);

**1.8 metres @ 3.7% copper and 42 g/t silver** (partially sampled);

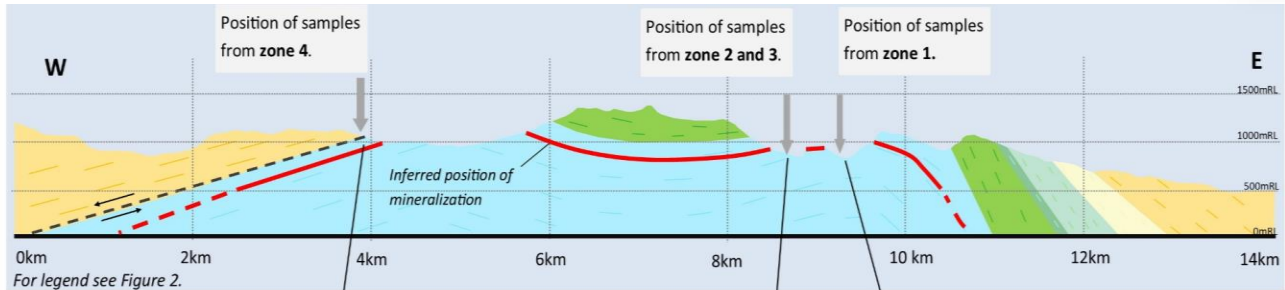
including **1.2 metres @ 5.4% copper and 62 g/t silver**

**2.2 metres @ 2.4% copper and 29 g/t silver** (full sample);

including **0.7 metres @ 5.9% copper and 70 g/t silver**



# Tabalosos – 80km north of Sacanche



**High grade sample from zone 4**

Sample is finely laminated by carbon

LD1904

Cu: 2.83 %  
Ag: 27.4 ppm

**High grade sample from zone 3**

Sample is rich in organic material and chalcocite

LD1904

Cu: 8.26 %  
Ag: 109 ppm

**High grade sample from zone 1**

Sample is rich in organic material and chalcocite

LD1606

Cu: 6.31 %  
Ag: 93 ppm

## Copper-Silver Mineralization:

**Sample from zone 2**

Albitized boulder with carbon lamination.

LD1709

Cu: 1.18 %  
Ag: 14.5 ppm

**Sample from zone 1**

Albitized boulder with carbon lamination.

LD1601

Cu: 2.15 %  
Ag: 26.2 ppm

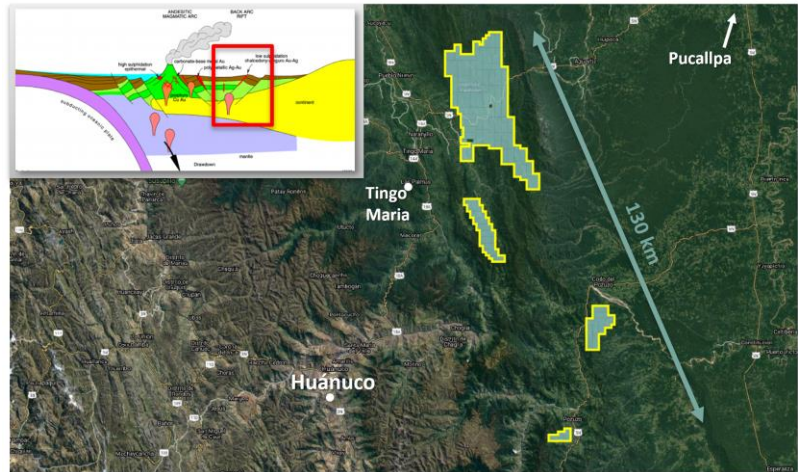


# Previsto 906 sq km – 100 % Hannan



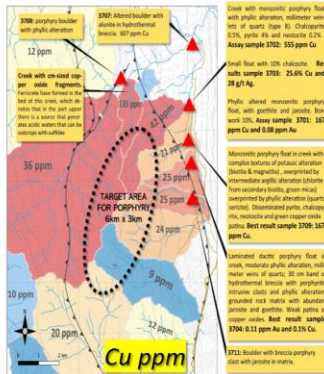
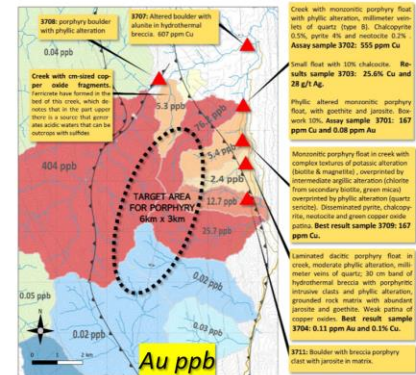
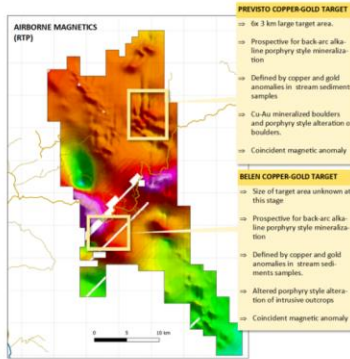
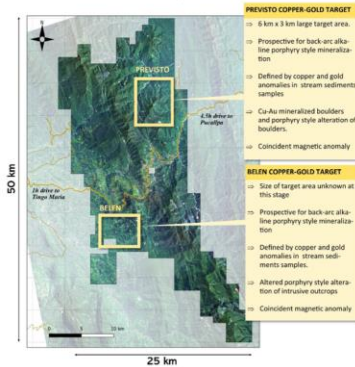
Targeting copper-gold porphyry, skarn and epithermal in the Peruvian back arc

- ✓ First principle greenfield project
- ✓ Well defined target area supported by multiple datasets (stream sediments, outcrop and boulder geochem and mapping)
- ✓ Confirmed alkali porphyry mineralization in boulders



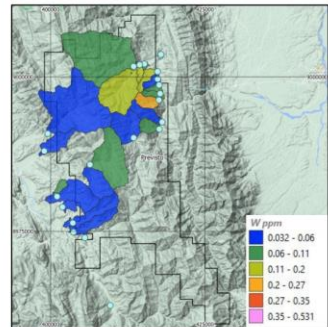
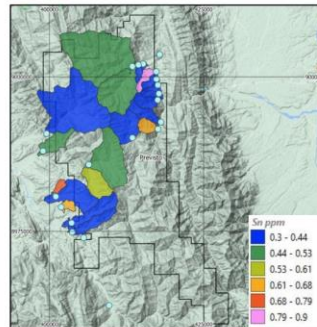
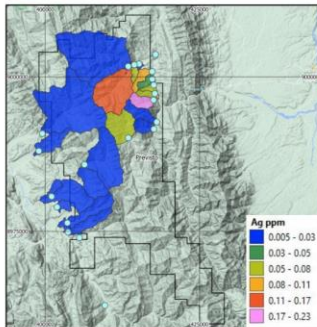
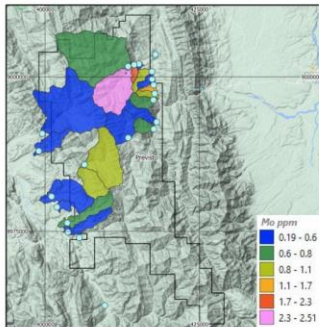
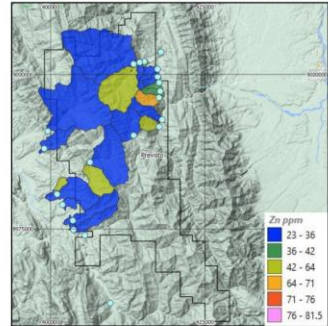
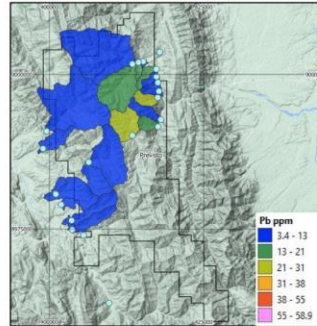
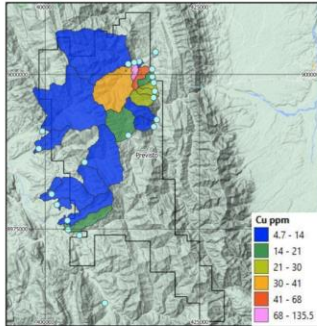
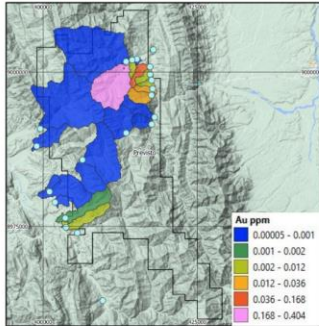


# Previsto 906 sq km – 100 % Hannan



# Previsto 906 sq km – Multi-element stream sediment sampling

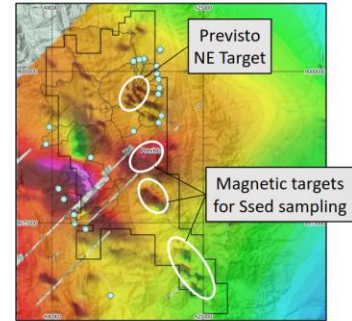
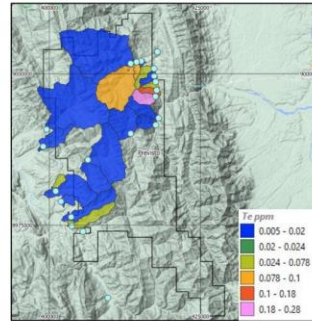
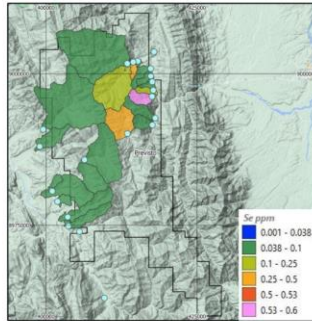
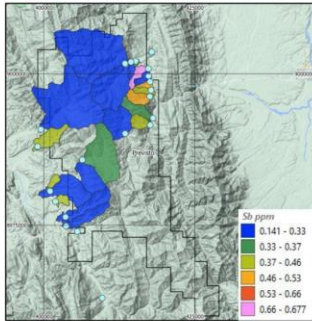
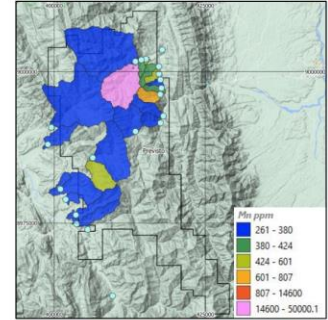
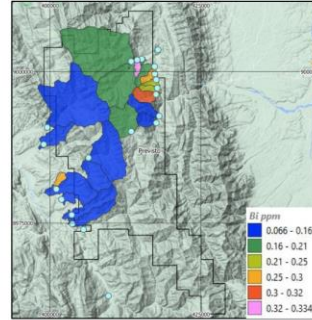
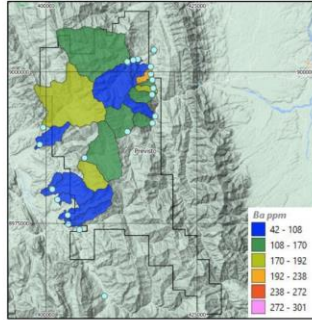
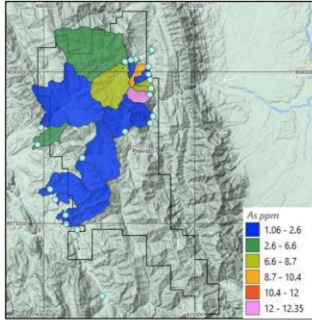
- Coincident Au-Cu-Mo-Ag anomaly in the northeast of claim, with lesser Pb-Zn-Sn-W, clearly indicating a porphyry target within this 9 x 6 km area. Target is likely in the watershed between the northwesternmost anomalous catchment and the adjacent catchments to the southeast, given anomalism in southeastern catchments.
- Scattered anomalism in most elements in southwestern catchments suggests a second target may exist in this area, but infill sampling is needed to confirm this.





# Previsto 906 sq km – Multi-element stream sediment sampling

- Moderately anomalous As, Bi, Sb, Te, Sb, and Se suggest a moderate level of erosion in the NE target area, with anomalous Mn possibly reflecting Mn-carbonate veining in cooler, distal vein environments.
- Distal low-level Ba may be an effect of regional geology.
- Note magnetic highs also map topographic highs, so care needs to not over-interpret this regional magnetic data.



# Budget and Timelines



## Active COVID-safe field programs underway – 2021 a year of discovery

### **SAN MARTIN – JOGMEC JV**

**US\$2M**

- ✓ **2021 Aim: Continue to build basin scale project, determine continuity at varying scales**
- ✓ **Local approval received for initiation of baseline studies and permitting to undertake advanced exploration work, including diamond drilling**

### **PREVISTO – 100 % HANNAN**

**US \$700K**

- ✓ **2021 Aim: Define significant gold-copper porphyry/epithermal district**

# Summary



- ✓ **Opening up new search spaces via grassroots discovery**
- ✓ **\$35M JV with JOGMEC**
- ✓ **Dominant land positions in Peru frontier areas - next generation Cu-Ag and Cu-Au deposits**
- ✓ **Collecting data, making discoveries, creating value**



# Contact Us



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