



Hannanmetals

COPPER | SILVER | GOLD
PERU

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

**TOP TEN GROUND HOLDER IN PERU
\$35M JV JOGMEC (JAPAN)**

CORPORATE PRESENTATION MARCH 2021

Hannanmetals

TSXV : HAN

OTC: HANNF

Disclaimer

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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
- ✓ Completed one of the larger joint venture agreements in the junior space 2020
- ✓ Looking to repeat, plans for 2021 – exploring 1,209 sq km in own right

Capital Structure



OTCPink

INSIDERS:

SHARES ON ISSUE:

FULLY DILUTED:

RECENT PRICE:

MARKET CAP:

CASH:

ENTERPRISE VALUE:

HAN

HANNF

16%

81.0 M

111.1 M

C\$0.47 (16 Mar)

C\$38.1 M

C\$1.5 M

C\$36.6 M



Options

Expiring November 14, 2021	\$0.10	861,000
Expiring November 15, 2021	\$0.10	120,000
Expiring February 1, 2022	\$0.26	50,000
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

Warrants

Expiring April 24, 2021	\$0.15	1,402,500
Expiring April 30, 2021	\$0.15	322,500
Expiring July 6, 2021	\$0.25	6,819,300
Expiring February 18, 2022	\$0.30	14,016,588
Expiring July 13, 2022	\$0.35	2,000,000

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	HANNAN METALS LTD	1,869	28
11	RIO TINTO MINING AND EXPLORATION S.A.C.	1,863	155,708

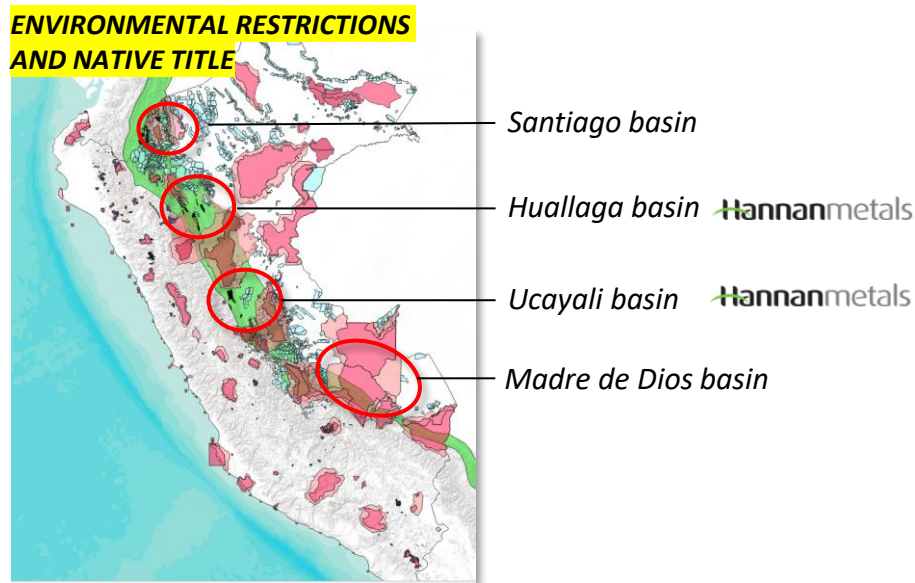
The top ten Peruvian tenure holders average US\$50B market capitalization and combined hold 18.0% of the tenure held in Peru

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/>

Defining Large Mineralizing Systems In Peru's Frontier Areas

The sub-Andean zone of Peru is prospective for intrusive related systems such as copper-gold porphyry, skarn, epithermal, IOCG's as well as sediment hosted copper-silver and MVT (Zn-Pb) mineralization .

- Historically challenging to work in
- Only 15% of the zone is without restrictions
- Hannan has spent 2.5 years understanding the opportunity in the Huallaga and Ucayali basins
- First mover and secured a dominant land position





PERU

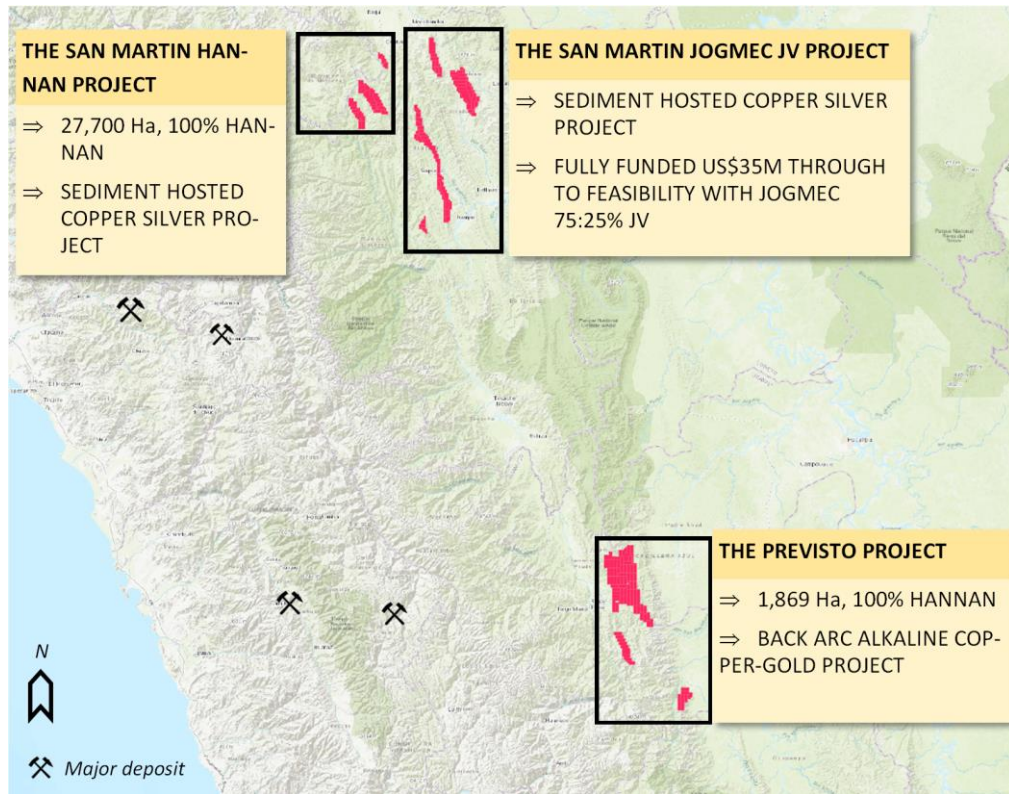
Hannan Metals Peru SAC
San Martin – JOGMEC JV **Cu-Ag**

Hannan Resources Peru SAC
San Martin Hannan **Cu-Ag**
Previsto Project Pachitea Basin **Cu-Au**
Other generative ground **Cu-Au**



IRELAND

Hannan Metals Ireland Ltd
The Clare Project **Zn-Pb-Ag-Cu**



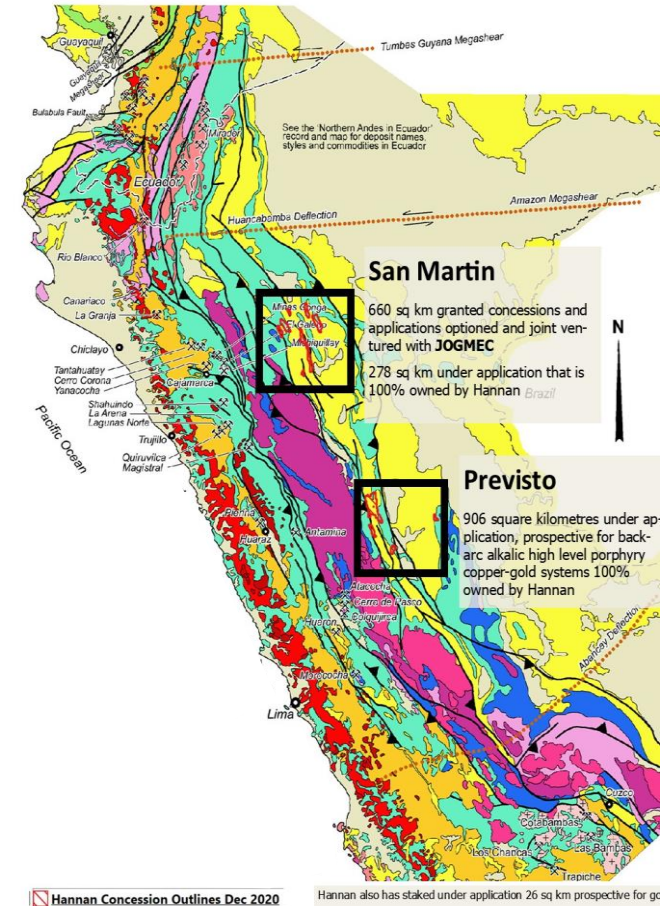
Hannan in Peru

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

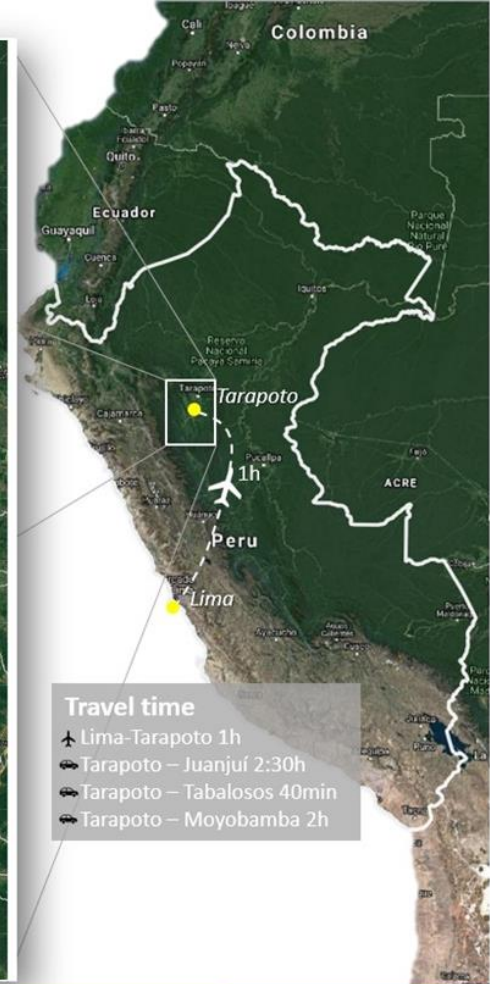
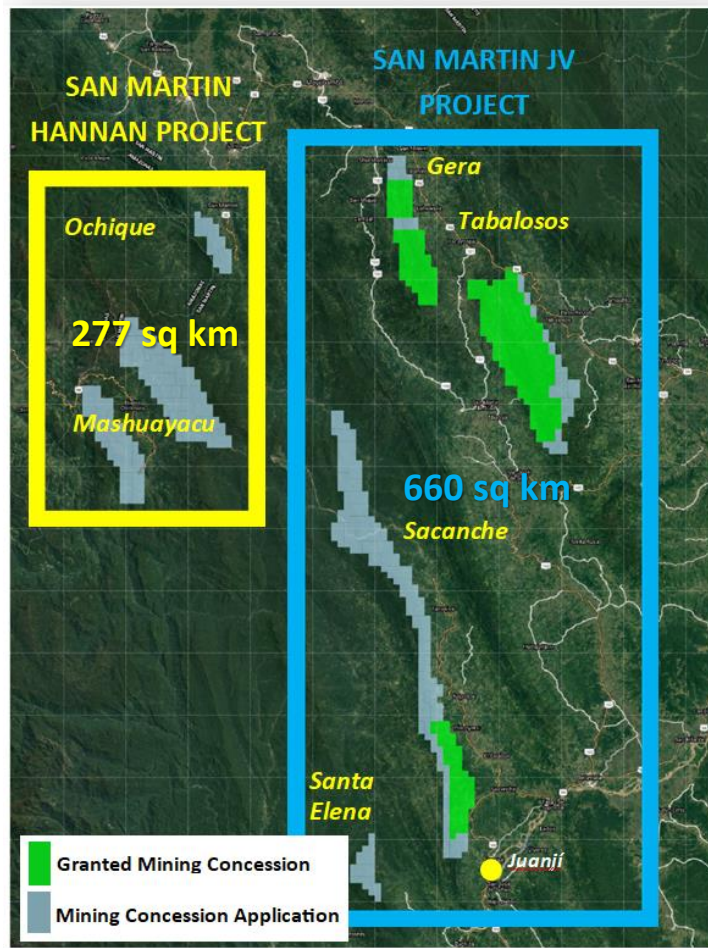
PREVISTO

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



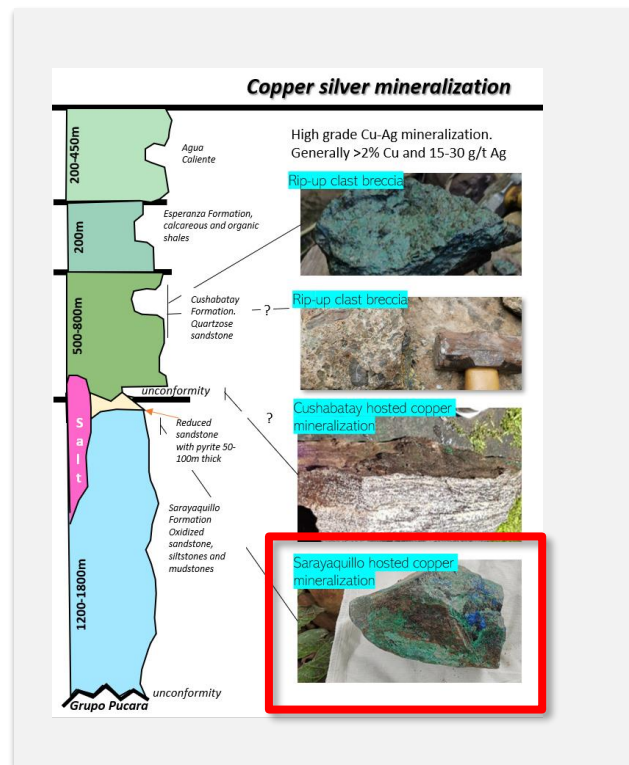
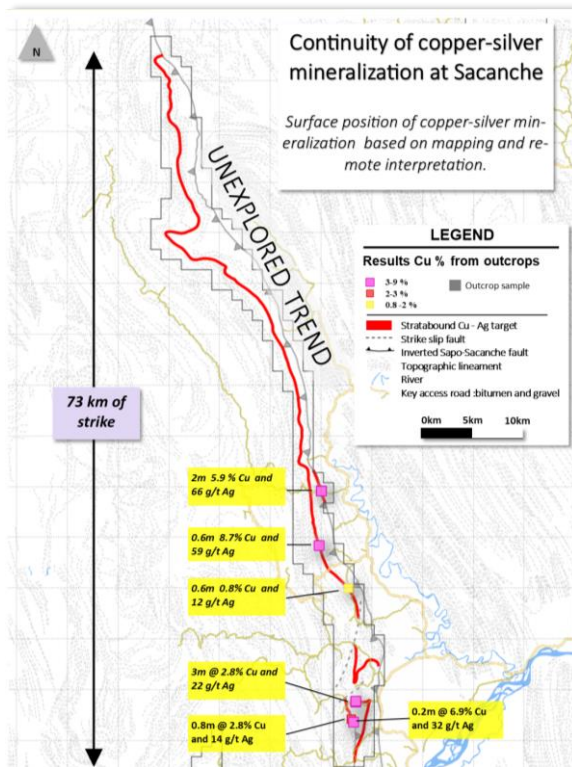
San Martin

- ✓ Well defined search space.
- ✓ Basin wide mineralizing process.
- ✓ High grade copper-silver mineralization in 500m wide stratigraphic window.

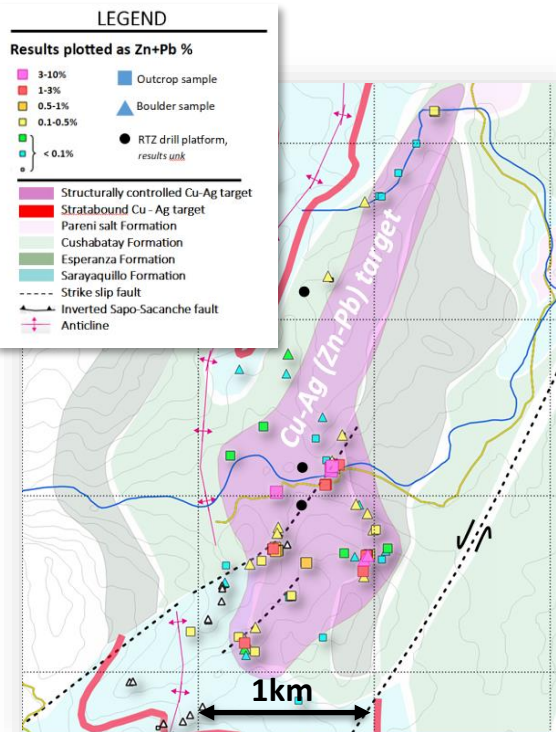


Sacanche stratiform Cu-Ag mineralization

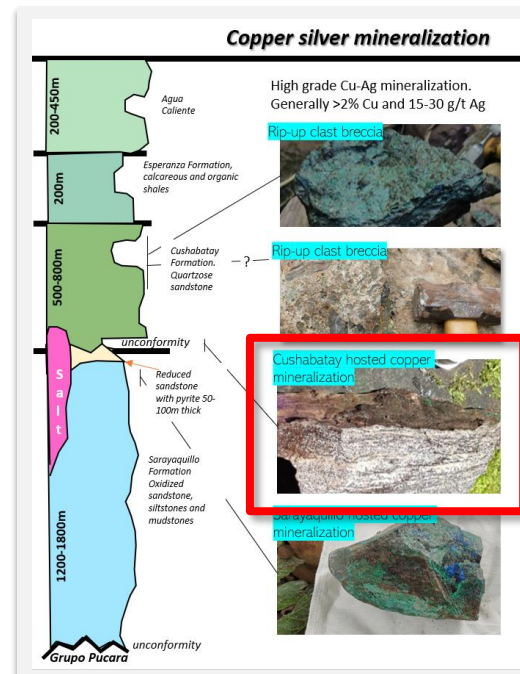
- ✓ Mineralized shaley unit over 80km
- ✓ High grade copper-silver
- ✓ Width 0.5-3 metres



Sacananche structurally hosted Cu-Ag mineralization



- ✓ Zoned system
- ✓ Mineralized sandstone unit
- ✓ Base metal and gossanous alteration in outcrops over km
- ✓ High grade copper-silver float



Fe3+ / Oxidizing zone
/Rote Fäule



Copper zone
/cc/bo/cpy



Lead-Zinc
zone /ga



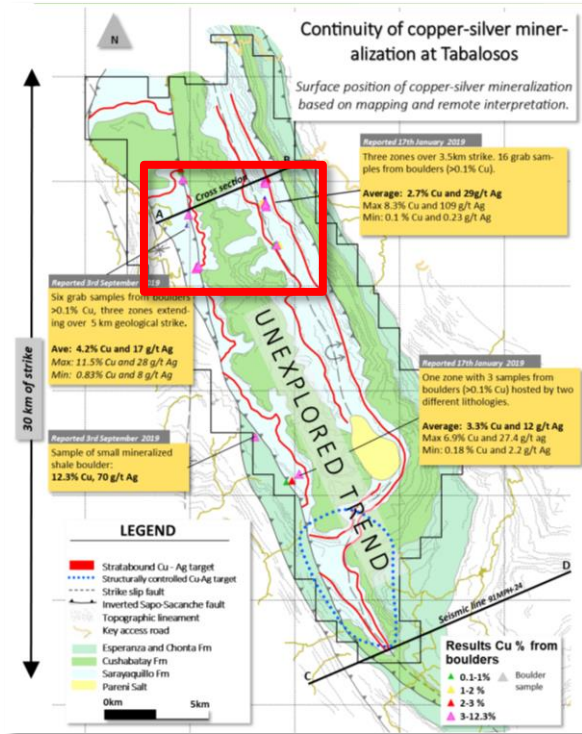
Zinc zone /sph



Pyrite/ankerite
zone



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);

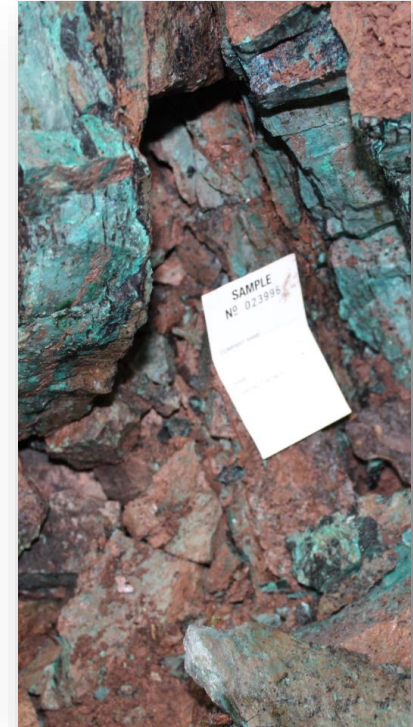
1.0 metre @ 6.3% copper and 101 g/t silver (partially sampled);

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);

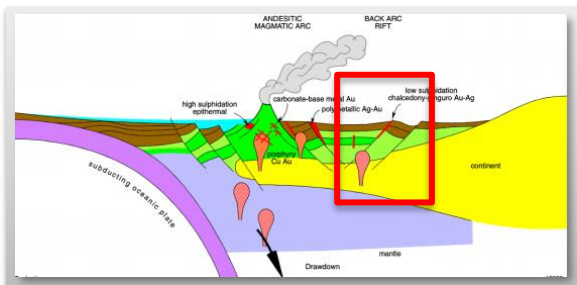
including 0.7 metres @ 5.9% copper and 70 g/t silver



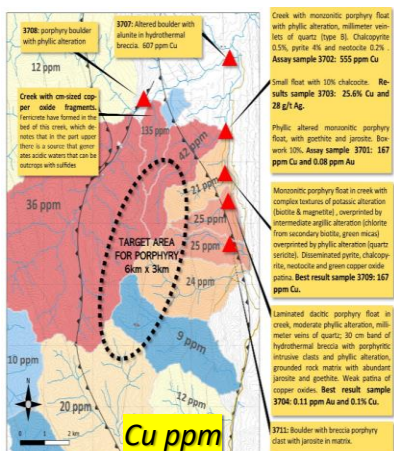
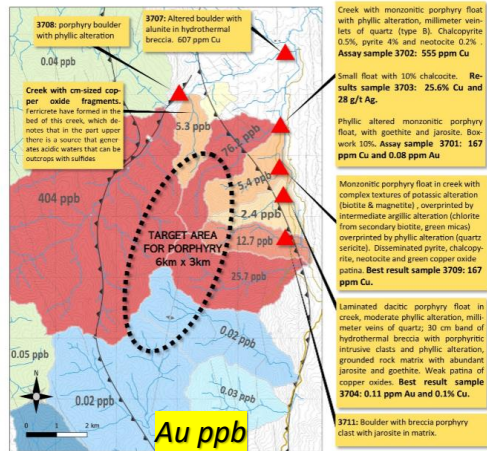
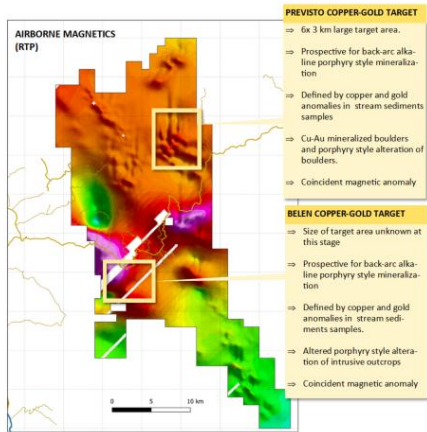
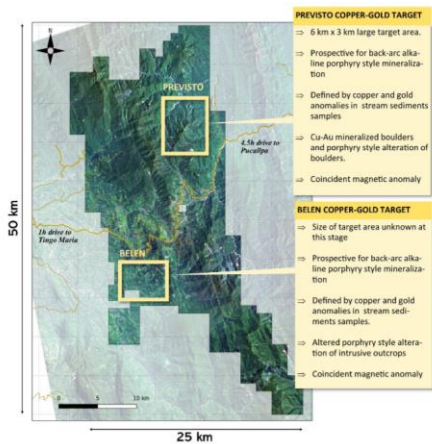
Previsto 906 sq km – 100 % owned by Hannan

Targeting intrusive related systems such as copper-gold porphyry, skarn and epithermal.

- ✓ First principle greenfield project
- ✓ Well defined target area supported by multiple datasets
- ✓ Confirmed alkali porphyry mineralization in boulders



Previsto 906 sq km – 100 % owned by Hannan



Budget and Time lines

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

PREVISTO – 100 % HANNAN

US \$700K

- ✓ 2021 Aim: Define significant gold-copper porphyry 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

