

Annual General Meeting Managing Director's Address 20 December 2022 "Developing Polymetallic Mines on the Korean Peninsula"



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GENERAL NOTES

All financials are denominated in Australian Dollars unless otherwise stated.

Key Results During 2022



Efforts Focussed in 2022 on

- Conversion from Private (Pty Ltd) to Public (Limited) Company (Grillo Higgins Lawyers)
- Independent Geologist's Report (Veronica Webster Pty Ltd)
- Legal Due Diligence (Grillo Higgins Lawyers & (Kim & Chang Lawyers)
- Legal Tenement Report (Kim & Chang Lawyers)
- Financial Statements for 2015-2021 (Vistra/Vince Fayad & Associates)
- Audited Accounts for 2022 (RSM Australia)
- Investigating Accountant's Report (RSM Australia)
- Prospectus compilation
- Cornerstone Investors sought for IPO

Limited Exploration Program

- Insufficient Funds raised/available for Pre-IPO Drilling
- Field Office & Core Logging Facility established at Uiseong
- Tenements Renewed, new Applications & Acquisitions
- Field Program focussed on mapping-sampling Exploration Targets
- Drill Sites "sighted & pegged" ready for drill testing
- Drill Permits obtained for Dongil

New Styles of Mineralisation Recognised

- Carbonatite intrusion at Jaeilgunbuk
- ❖ Porphyry intrusions identified at Ogsan, Ogok & Samjeon
- Sediment-hosted gold potential at Jaeilgunbuk & Ogsan
- Exploration Targets are much larger than initially envisioned



Outlook for 2023



Efforts Focussed on ASX Listing

- Update Independent Geologist's Report (Veronica Webster Pty Ltd)
- Update Legal Tenement Report (Kim & Chang Lawyers)
- Update to Investigating Accountants Report (RSM Australia)
- Lead Manager & Cornerstone Investors sought
- Prospectus compilation
- Marketing
- Determine Favourable Market Timing for IPO
- Application for Listing lodged with ASIC
- Prospectus Review

Exploration Program for 2023

- **Landowner Negotiations & Drill Permits obtained for:**
 - Ogsan
 - Kyungwha
 - Jaeilgunbuk
 - Samjeon
 - Samsanjaeil South
- Landowner Negotiations for Access Agreement Dongil
- Mine Development Permit application lodged Dongil
- New Applications for Exploration Rights
- Ongoing Petrological Investigations:
 - Carbonatite intrusion at Jaeilgunbuk
 - Sediment-hosted gold Jaeilgunbuk & Ogsan
 - Porphyry intrusions Ogsan, Ogok, Samjeon
- Drilling "Ready to Start" when funds available

Exploration & Development Strategy

- KOREAN METALS
 EXPLORATION
- Forgotten Assets (Non-JORC Resources) based on Historical Drilling of the 1970-80s
- 2. Low-Cost & Low-Risk Exploration KML simply re-drills these Deposits
- 3. IPO and List KML on the ASX "Liquidity Event" & "Value Re-Rating" for Shareholders
- 4. Establish JORC Resource Estimates on Key Projects "Underpins Value" for the Company
- 5. Drill Test Exploration Targets provides "Blue Sky" for Shareholders
- 6. Advance Key Project to Scoping Study "Add Value" for the Company
- Three "Drill-Ready" Projects with Historical Drill Intersections & Resources on 100% owned granted Exploration Rights
 - ❖ Uiseong Au-Cu-Zn-Pb-Ag Project: Exploration Targets at Dongil, Hwanghaksan, Buk-Jungang-Hyeong Seok & Kyungwha prospects
 - ❖ Goseong Cu-Ag-Au Project: Exploration Targets at Samjeon, Samsanjaeil South, Samsanjaeil No 2 & Seongji prospects
 - Haman Cu-Ag-Au Project: Exploration Targets at Jaeilgunbuk, Gunbuk, Ogok, Gilgok, Bukgok & Okpang prospects
- Highly Experienced Exploration Management Team with 28 Years Operating Experience as a Team in Korea
 - Sangdong tungsten deposit (under development by Almonty Industries)
 - Eunsan-Moisan gold-silver deposit (Indochina Goldfields Ltd/Ivanhoe Mines/Asia Mining) mined 2002-2016
 - Chubu uranium-vanadium deposit (Stonehenge Metals) & Geumam graphite (Lamboo Resources)
 - Project Generation, Exploration Management, Landowner Negotiations & Tenure are key areas of expertise
- Advanced Portfolio & De-risked Exploration
 - ❖ Discovery is already Complete Resource Definition and Development Stages ahead
 - ❖ High Grades Lowers Development Risk. Polymetallic Deposits "Natural hedge"
- **❖** South Korea:
 - Significant Domestic Market with Major Metal Refining Facilities. Good potential for Offtake and downstream investment
 - Favourable Jurisdiction; Strategic Location in North Asia; Closely aligned with USA, Free Trade Agreements with Australia, Canada
 - Ranked 5th Globally in Ease of Doing Business (Legal & Accounting Regulatory Framework)

Drill Ready: Exploration Targets & Historical Resources



Non-JORC Resources** based on Historical Drilling of the 1970-80s

Mine / Deposit	Tonnes (Mt)	Grade Au (g/t)	Grade Ag (g/t)	Grade Cu (%)	Grade Pb (%)	Grade Zn (%)
Dongil	6.0-10.0	0.8-2.0	40-80	0.5-1.2	0.9-2.0	0.8-2.0
Ogsan	2.0-4.0	1.0-1.5	45-75	2.0-4.0	3.0-5.0	1.0-2.0
Kyungwha	4.0-5.0	0.2-0.5	30-55	0.5-0.7	1.5-2.0	0.7-1.2
Jeonheung	2.0-3.0	1.5-2.3	30-50	0.3-0.6	0.5-0.8	0.6-0.8
Keumdongchilbo	0.9-1.5	0.7-1.1	25-40	-	1.0-2.5	1.0-2.0
TOTALS	17.0-23.0	0.8-1.2	37-40	0.9-1.3	1.5-1.8	0.9-1.3

Uiseong Project - Copper-Gold-Zinc-Silver-Lead

- Possible By-products: Bismuth-Cadmium-Indium-Tungsten-Tin
- Historical Mining: Jeonheung, Ogsan, Goroseoksan mines
- Historical Drilling: 1968-1983; 93 drill holes (14,500 metres)
- 4 deposits within 6km of Dongil

Mine / Deposit	Tonnes (Mt)	Grade Au (g/t)	Grade Ag (g/t)	Grade Cu (%)
Gunbuk – Main	1.3-1.8	1.0-1.5	50-70	2.5-3.5
Gunbuk – Daesin	1.0-1.5	2.0-3.0	45-70	2.9-3.5
Ogok	0.4-0.5	6.0-9.0	15-25	4.5-5.0
Gilgok	0.4-0.7	0.6-1.0	5-20	0.5-1.5
Bukgok-Namgok	0.7-1.3	0.2-0.5	5-10	0.3-0.5
M Vein	0.8-1.2	N/A	N/A	0.3-0.7
Manse	0.3-0.5	N/A	50-70	1.5-3.0
Ebisu-Haman	0.7-1.0	0.1-1.0	5-30	0.7-1.4
TOTALS	6.0-9.0	1.0-1.5	45-70	1.5-2.5

Mine / Deposit	Tonnes (Mt)	Grade Au (g/t)	Grade Ag (g/t)	Grade Cu (%)
Jinheung	0.2-0.5	1.7-2.8	460-620	5.5-10.1
SamsanJaeil	0.0-0.1	NR	45-95	1.7-3.0
Samsan	0.0-0.1	NR	120-240	1.7-2.7
Sambong	0.0-0.1	0.6-1.2	120-240	1.2-2.1
Buyeong	0.0-0.1	NR	NR	0.4-0.8
Buyeong	0.0-0.1	1.9-3.0	35-75	1.1-1.8
TOTALS	0.2-1.0	1.1-1.8	200-500	3.2-7.1

Haman Project - Copper-Gold-Silver

- Possible By-products: Cobalt, Tungsten, Germanium & Magnetite
- Historical Mining: 1915-1945 (Haman, Gunbuk, Chaedung); 1963-1975 (Jaeilgunbuk)
- Historical Drilling: 1963-1980; 93 drill holes (20,076 metres)
- All deposits within 4km radius

Goseong Project - Copper-Gold-Silver

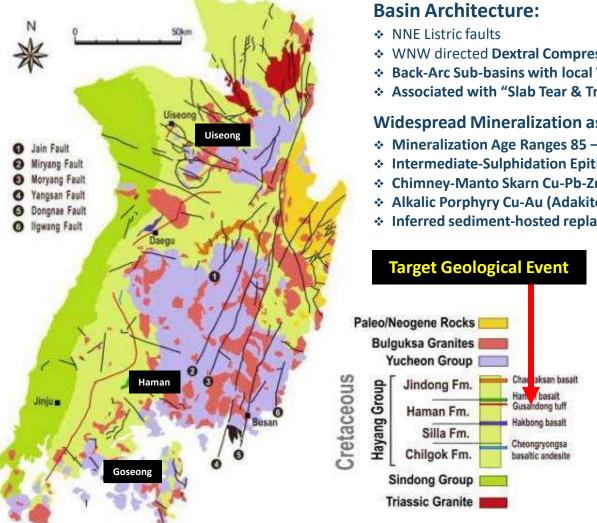
- Possible By-products: Germanium, Cobalt, Selenium, Tellurium, Bismuth
- Historical Mining: 1919-1945 (Goseong); 1970-1992 (Samsanjaeil, Sambong, Jinheung)
- Historical Mine Reserves: KMPC Resource Estimates (see Cautionary Statement)
- Historical Drilling: 1968-1980; 58 drill holes (6,282 metres)
- All deposits within 4km radius

Cautionary Statement: These Exploration Targets were classified on the basis of data quality, sample spacing and continuity of interpreted mineralised zones. Due to the use of historical drill and adit sampling data, with no documented QA/QC protocols, the classifications is limited to Exploration Targets under the 2012 JORC Code.

Geology of the Gyeongsang Basin



KML holds "Regional Foothold" & Key Assets



- WNW directed Dextral Compression then WNW Transfer faults (Sinistral Extension)
- ❖ Back-Arc Sub-basins with local Volcanic Centers
- Associated with "Slab Tear & Trench Retreat" Migration of Japan from Eurasia

Widespread Mineralization associated with Yuchon Group Volcanism:

- ❖ Mineralization Age Ranges 85 60 Ma
- Intermediate-Sulphidation Epithermal Au-Ag-Cu-Pb-Zn (dome-related)
- Chimney-Manto Skarn Cu-Pb-Zn-Ag (dome-related)
- Alkalic Porphyry Cu-Au (Adakite Monzonite "pencil" porphyry)
- Inferred sediment-hosted replacement style

Back-Arc Volcano-Sedimentary Basin:

Cycle 1 – Sindong Group (Early Cretaceous)

- Basin fault fanglomerate, floodplain & channel sediments
- "Red beds" humid climate

Cycle 2 – Hayang Group (Early-Mid Cretaceous)

- Alluvial plain and channel sediments
- Minor basalt and fanglomerates
- "Red beds", calcretes, evaporite facies arid climate

Cycle 3 – Yuchon Group (Late Cretaceous)

- Sub-basins formed & infilled with lacustrine sediments
- **Volcanic Arc related to I-type igneous intrusions**
- **Early Andesite lavas and tuffs**
- Late Rhyolite "surge" pyroclastics (diatremes & domes)

Exploration Field Office & Core Processing Facility

KOREAN METALS EXPLORATION

Exploration Office - Uiseong







Uiseong Field Office – central location

- Good accommodation & meal facilities nearby
- ❖ Adjacent to Expressway & excellent local sealed road network
- 3 hours drive from Seoul
- High-speed train service to Gunwi (20km away)
- International Airport under construction at Gunwi

Field Office Facilities

- Meeting & Presentation area
- Kitchen Facilities & Dining area
- Geology Room, Computers, Cameras, Field Consumables

Core Processing Facilities:

- Roller Conveyor Racking core layout tables
- Core trays pre-positioned on site
- GeoTech Engineering Station (Schmidt Hammer Hardness Tester)
- Structural Orientation Station
- Camera Tent & UV Light Photography Station
- Specific Gravity weigh station
- Automated core saw (planned) & Manual Core Saw (petrol)

Sample Preparation Facility:

- Drying oven (planned)
- Jaw crusher (planned)
- Work station

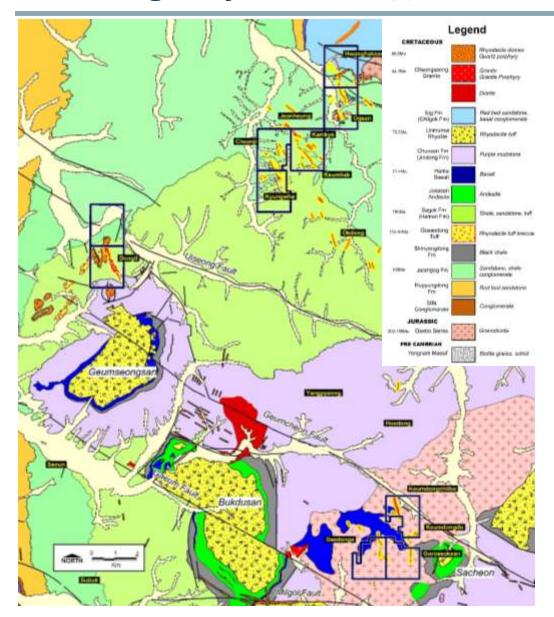
Vehicles

Rexton 4WD

Drilling Team Equipment

- Bongo 4WD Light Truck (planned)
- Man-Portable Drill Rig (planned)
- Kubota Mini Excavator (planned)
- Daedong ATV (planned)

Uiseong Project - Geology





Geology:

- **Early Cretaceous alluvial fan evolving to lacustrine sediments**
- Climate evolved from sub tropical to arid climate
- Dinosaurs (pterosaurs)
- Lacustrine sediments with localised volcanic centers
- Early-Late Volcanism evolved from andesitic to rhyodacitic
- Late rhyodacite explosive "fallout" pyroclastic tuff breccia
- Diatreme complexes at Geumseongsan, Bukdaesan & Sacheon

Mineralization Style:

- Intermediate Sulphidation Epithermal Style ("IS")
- Chimney breccia pipes "inner zone"; Au-Cu sulphide-rich
- Stockwork veinlet & fracture "distal outer zone"; Ag-Pb-Zn sulphide-rich
- Banded epithermal vein breccias with "boiling" textures

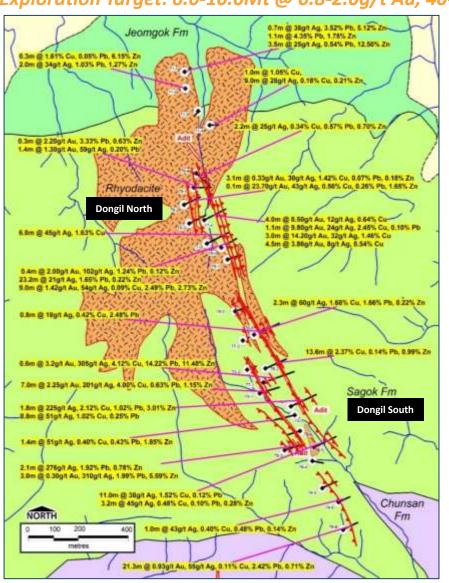
Alteration:

- ❖ Acid sulphate kaolinite-dickite altered cap
- Hematite "red bed" thermally oxidised mudstone
- Chlorite-pyrite-calcite "Propylitic" alteration outer halo
- Pyrite-silica-carbonate "Phyllic" alteration proximal to mineralisation

Uiseong: Dongil Exploration Target



Exploration Target: 6.0-10.0Mt @ 0.8-2.0g/t Au, 40-80g/t Ag, 0.5-1.2% Cu, 0.9-2.0% Pb, 0.8-2.0% Zn



Cautionary Statement: An Inferred Mineral Resource was estimated by sectional polygonal method (Senlac Geological Services Pty Ltd, 2017). Verified by 3D Leapfrog/Micromine model (GeoEconomics, 2019). On the basis of historical data quality, sample spacing and continuity of interpreted mineralised zones, lack of QA/QC protocols, this is classified as an Exploration Target under the 2012 JORC Code.

Mineralisation Style:

- ❖ 2000m long x 300m wide, >350m deep
- NNW Striking, W-dipping Vein System
- Dongil North Chimney breccia pipe "feeder" with stockwork-disseminations
- Dongil South 3 x Subparallel veins & stockworks (East, Central & Main Veins)
- **❖ 3 Historical Adits, Limited Mining 1972-75**
- Intermediate sulphidation ("IS") epithermal ("Mexico type")
- Polymetallic, rhyodacite dome-related
- **❖ Diamond Drilling (1971-1979):**
 - 28 Historical Drill Holes (4,970 metres core)
 - ❖ 100m x 50m hole spacing

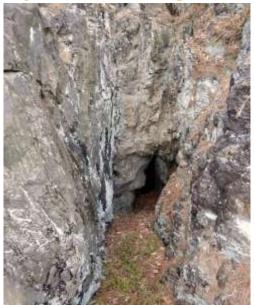
Dongil West:

- Mineralised rhyodacite dyke (500m long)
- Spherulites of Cu-Pb-Zn sulphides within dyke
- Strong indicator of magmatic source
- Implication: Mineralised intrusion at depth



Uiseong: Jungang-Buk-Hyeong Seok Exploration Target

Exploration Target - Bulk Tonnage; Open Pittable



Buk No 2 - 7m wide sheeted breccia veins

Exploration Target:

- ❖ 1200m strike length x 50m width
- ❖ >90Mt Bulk Tonnage Exploration Target
- 2- 6 subparallel epithermal vein structures
- Sediment-hosted mineralisation style
- Diorite porphyry intrusion
- Mineralisation is "open" in all directions
- No Drilling





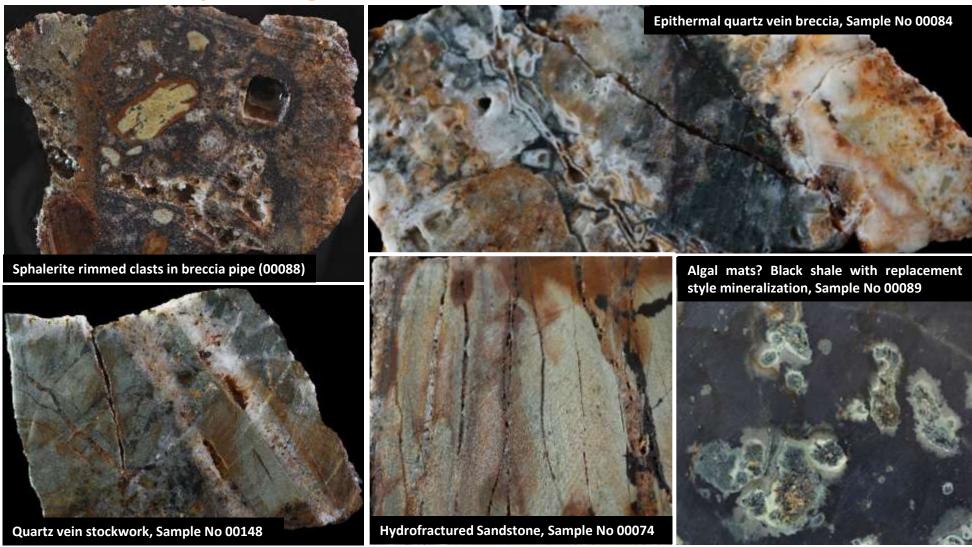


KOREAN METALS

Uiseong: Jungang-Buk-Hyeong Seok Exploration Target



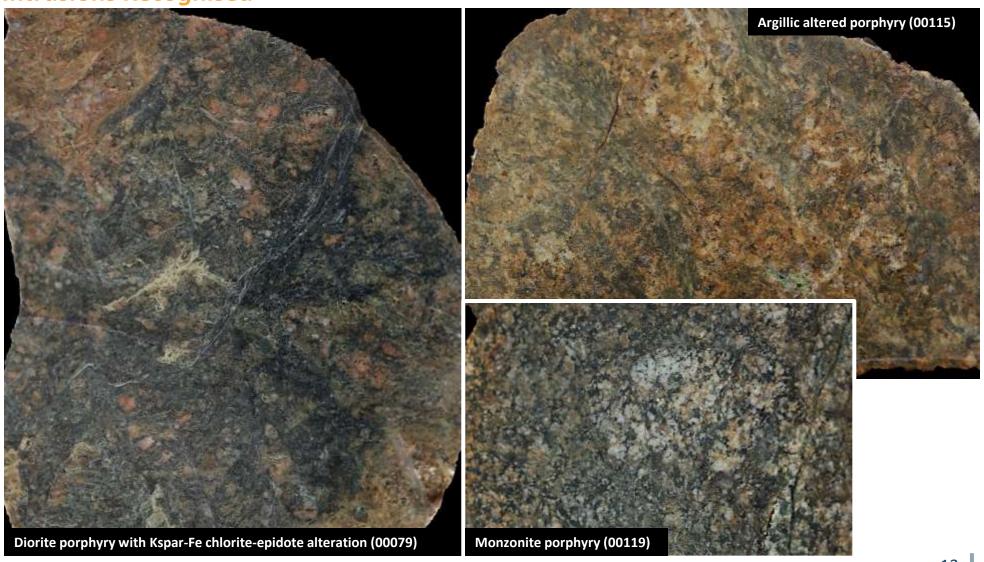
Mineralisation Styles Recognised



Uiseong: Jungang-Buk-Hyeong Seok Exploration Target



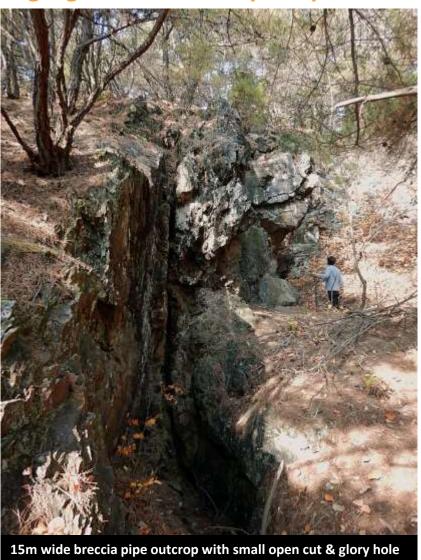
Intrusions Recognised



Uiseong: Hwanghaksan Exploration Target

KOREAN METALS EXPLORATION

High-grade Breccia Pipe Exploration Target; Open Pittable*



Exploration Target:

- * 400m strike length x 2-15m width
- >2Mt high-grade Exploration Target
- 2 subparallel vein breccia structures
- Mineralisation is "open" in all directions
- Only 1 Drill Hole see Drill Section below
- ❖ 2.0-4.0Mt @ 1.0-1.5g/t Au, 45-75g/t Ag, 2.0-4.0% Cu, 3.0-5.0% Pb, 1.0-2.0% Zn

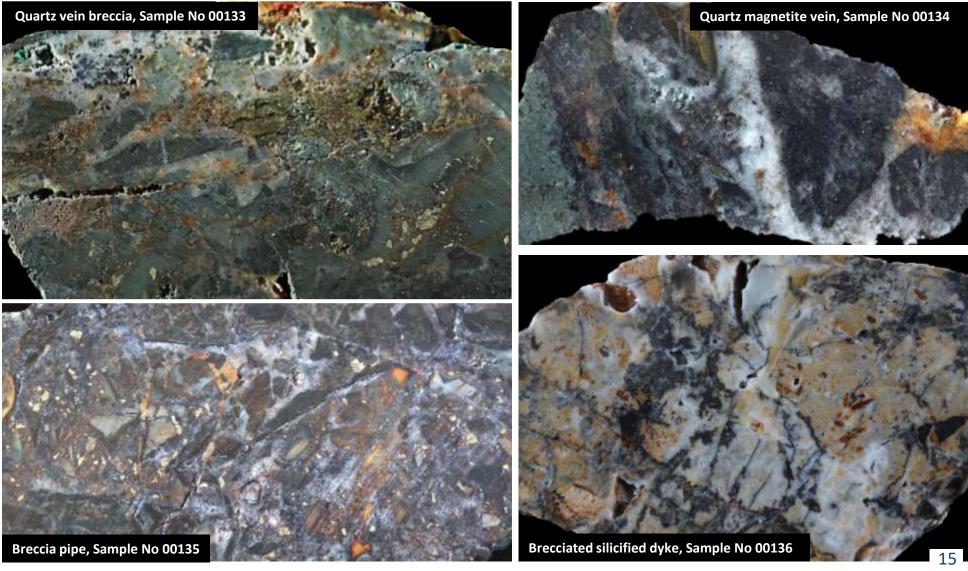
Cautionary Statement: Due to historical drilling data and the lack of documented QA/QC, this is treated as an Exploration Target under the 2012 JORC Code.



Uiseong: Hwanghaksan Exploration Target

KOREAN METALS EXPLORATION

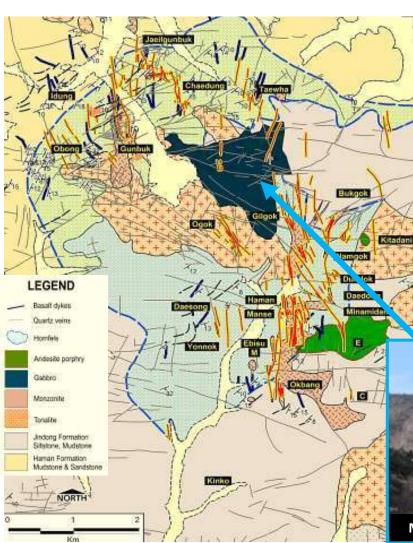
Mineralisation Styles



Haman Project – Geology



Recorded Production: 110,000t @ 5.59% Cu, 11.55g/t Au, 59g/t Ag + 11t Co



Historical Mining Activities:

- ❖ Principal copper producing region of South Korea; 1915-1945 & 1968-1975
- ❖ 20 historical mine workings, flotation mills at Gunbuk, Haman & Jaeilgunbuk

Geology:

- ❖ Mudstone & Sandstone (*Haman Fm*) altered to "chert" hornfels-silicification!
- Siltstone, Mudstone (Jindong Fm)

Intrusion Sequence:

Tonalite Adakite → Monzonite → layered Gabbro intrusion → Carbonatite + Mafic/Ultramafic dykes → Andesite porphyry

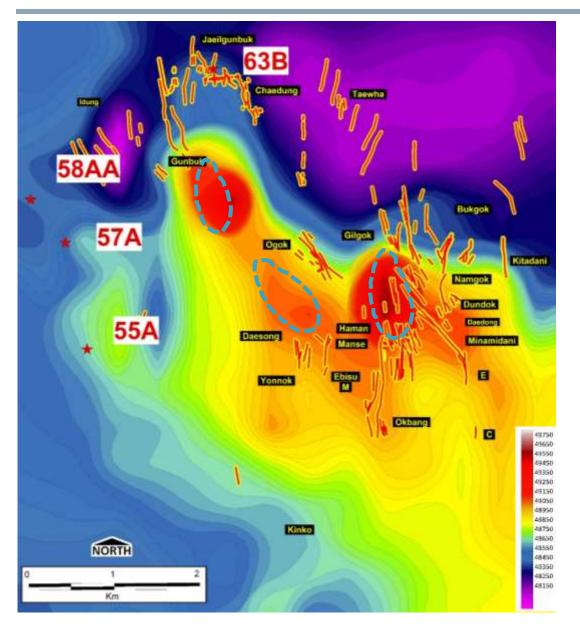
Mineralization & Alteration Style:

- **❖** Magnetite-hematite-quartz-carbonate breccias with Au-Cu-Ag ± As-Co-W
- ❖ Alkalic porphyry Au-Cu style ("pencil-shaped & tilted" porphyry)
- ❖ Albite-biotite-magnetite-actinolite-hematite alteration
- ❖ Magnetite-hematite-pyroxene-tremolite metasomatic skarns





Haman Project – Geophysics



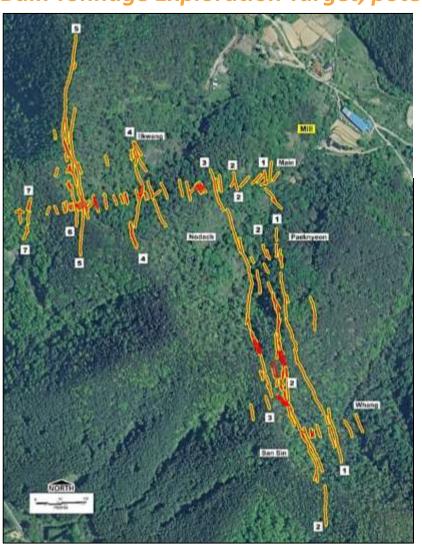


Helicopter Magnetometer & EM Survey

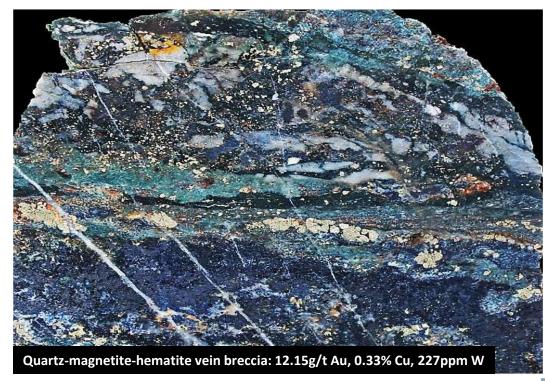
- Sanders Geophysics of Canada (1974)
- UNDP aid program
- Intense "Bullseye" magnetic anomalies
 - Correspond to monzonite porphyry intrusions
 - Gunbuk, Gilgok & Ogok (see blue outline)
- Gabbro ... no magnetic response
- Carbonatite ... no magnetic response
- **❖** Tonalite ... low response
- ***** EM Anomalies
 - EM Geophysical method was experimental in 1974
 - Around margin of tonalite
 - Pressure shadow effect



Bulk Tonnage Exploration Target, potentially open pittable

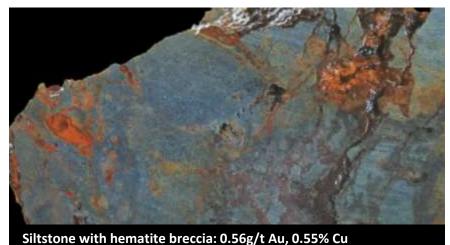


- ❖ 900m strike length x 500m width
- ❖ >200Mt Bulk Tonnage Exploration Target
- Subparallel sheeted vein breccias
- Carbonatite & gabbro-diorite porphyry intrusions
- Mineralisation is "open" in all directions
- ❖ No Drilling
- **❖** Coincidental EM & Self Potential "Conductor" anomalies



KOREAN METALS EXPLORATION

Vein-Breccia Au-Cu-W-As Mineralisation



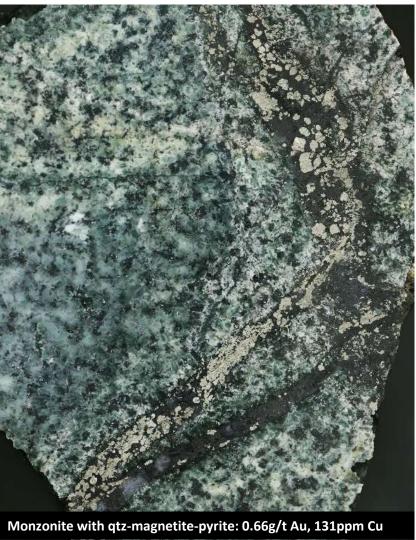
- Phyllic-propylitic alteration (chlorite-calcite-sericite-quartz)
- Intense magnetite-silica alteration
- Magnetite-specular hematite-pyrite-quartz-carbonate veining
- Chalcopyrite-pyrrhotite-pyrite sulphides





KOREAN METALS EXPLORATION

Intrusion-hosted Au-Cu-W-As Mineralisation

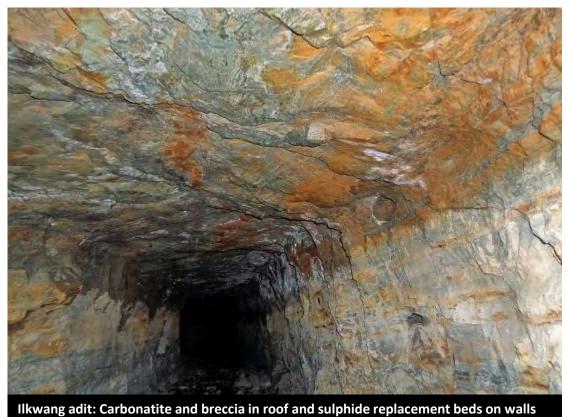


- Monzonite host stockwork
- Carbonatite host vughy leached reactive sulphides
- Phyllic-propylitic alteration (chlorite-calcite-sericite-quartz)
- Magnetite-specular hematite-pyrite-quartz-carbonate veining
- Chalcopyrite-pyrrhotite-pyrite sulphides



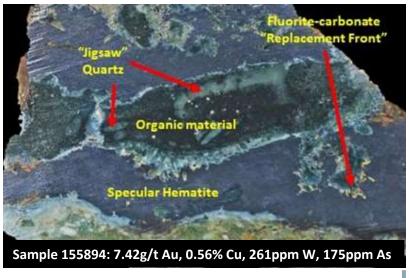


Sediment-Hosted Au-Cu-Fe Replacement Style Mineralisation



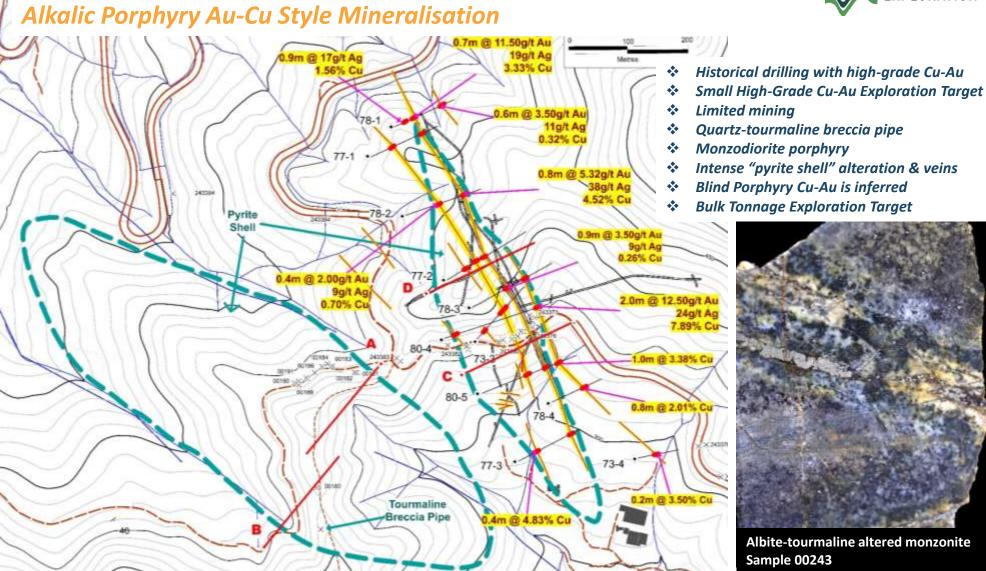
- Siltstone, Sandstone with original carbonate/algal mat (Haman Fm)
- Early specular hematite alteration
- Fluorite-carbonate "replacement front"
- Organic material/debris being "swept & assimilated"
- "Jigsaw"-textured quartz (ie. recrystallization of amorphous silica)





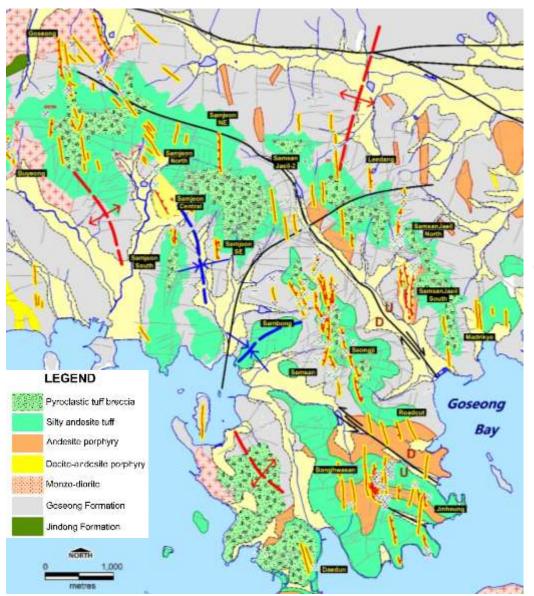
Haman: Ogok Exploration Target





Goseong Project - Geology





Historical Mining Activities:

- **Copper producing region 1915-1945 and 1970-1992**
- 11 Historical Mines & Workings
- Flotation Mills:

Goseong (50tpd)

Samsanjaeil (130tpd). Tailings could be reprocessed

Samsan (100tpd)

Jinheung (100tpd)

Recorded Historical Production:

216,512t @ 2.94% Cu, 0.17g/t Au, 34g/t Ag

Geology (Revised):

Siltstone, Mudstone basement (Jindong Fm),

Siltstone, Mudstone (Goseong Fm)

Granodiorite (early)

Monzodiorite porphyry

Dacite-andesite porphyry

Andesite (late)

Mineralisation Stage

~~~~ Unconformity ~~~~

Silty andesite tuffs (Jusasan Andesite)

Pyroclastic "fallout" tuff breccia (Palyongsan Tuff)

Interpreted maar collapse geological setting

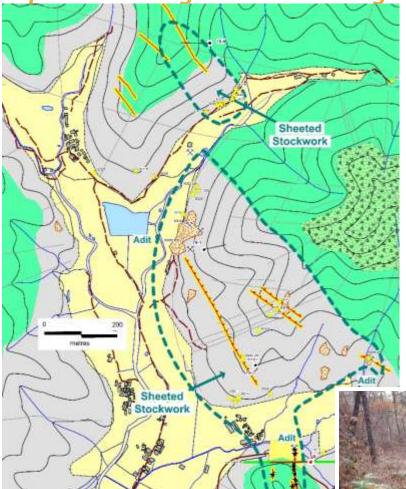
#### **Mineralization Style:**

- ❖ Transitional epithermal and Alkalic porphyry Au-Cu style
- **❖** Deep epithermal geological environment

## **Goseong:** Samjeon Exploration Target



## Exploration Target - Bulk Tonnage



#### **Exploration Target:**

- **❖** 600m strike length x 300m width = 100Mt bulk tonnage Exploration Target
- Gossanous & sulphidic stockworks & breccias
- Acid sulphate cap (kaolinite-dickite-alunite)
- Quartz magnetite alteration
- Diorite porphyry
- Limited mining & Limited KMPC Drilling
- **❖** Mineralisation is "open" in all directions Unconformity above mineralisation
- "Copper fern" geobotanical anomaly



## **Goseong:** Samjeon Exploration Target

## **Mineralisation**



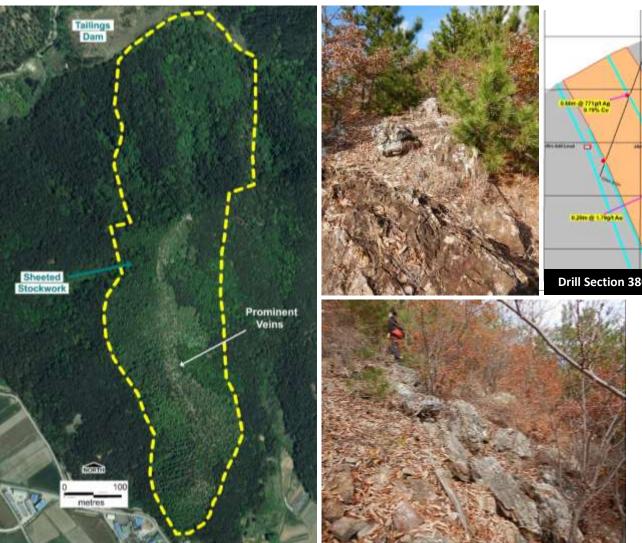




## **Goseong:** Samsanjaeil South Exploration Target



## Exploration Target - Bulk Tonnage



# Drill Section 3867680mN

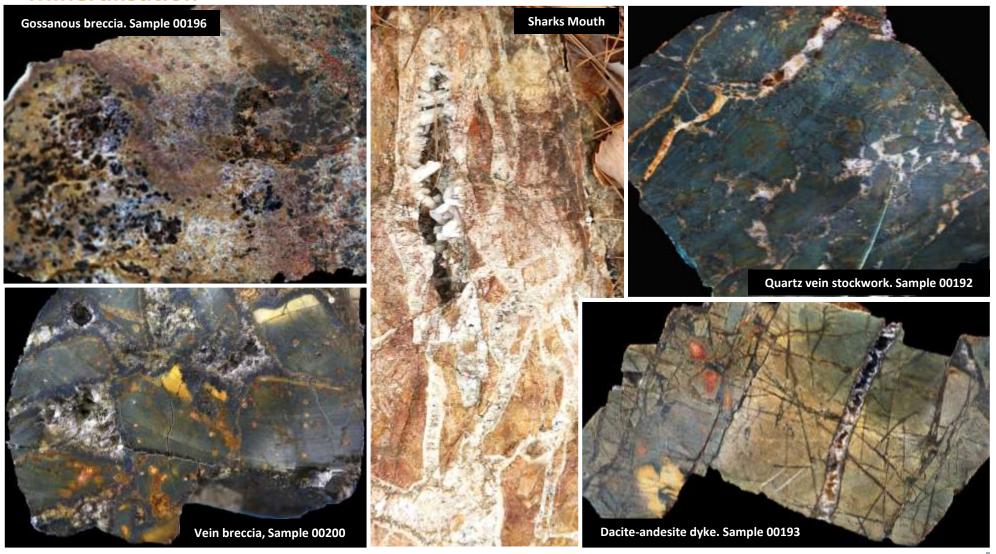
#### **Exploration Target:**

- ❖ 850m strike length x 150m width= 65Mt bulk tonnage Exploration Target
- Gossanous & sulphidic stockworks & breccias
- Limited mining & Limited KMPC Drilling
- Mineralisation is "open" in all directions -Unconformity above mineralisation

## **Goseong:** Samsanjaeil South Exploration Target



## **Mineralisation**



## **Goseong:** High-grade Exploration Targets



## High-grade Vein-breccias: Samsanjaeil North & No 2 & Seongji







