# Developing Idaho's Newest Silver District 

TSX-V: BIG | OTCQB: BADEF

November 2023


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## Hercules Silver

## TSX-V: BIG | OTCQB: BADEF

- Focused on the exploration and development of the Hercules Silver Project in Western Idaho.
- The project was undergoing aggressive drilling and a feasibility study in the early 1980's when the price of silver fell below $\$ 5 /$ oz and development plans were put on hold.
- Disseminated silver-lead-zinc system with over 28,000 meters of historical drilling across 3.5 kilometers of strike.
- Plans to expand historical drilling along strike and down plunge of the known mineralization, which remains open in all directions
- 2023: Blind copper porphyry system discovered below silver mineralization, with indications for significant, multi-kilometer scale.
- Blind discovery hole, HER-23-05, intersected 185 Meters of $0.84 \%$ $\mathrm{Cu}, 11 \mathrm{ppm}$ Mo and $2.6 \mathrm{~g} / \mathrm{t} \mathrm{Ag}$


## Capital Structure

As of November 7, 2023

215,366,633
Issued \& Outstanding
40,774,142
Warrants
264,838,275
Fully Diluted Shares Out
~12,085,833
Insider Ownership
8,697,500 Options
\$220M market capitalization
(based on Nov 6, 2023, closing price of \$1.15)


## Our Team

| CEO \& Director Chris Paul Bsc. Geology | Founder of Ridgeline Exploration, Acquired by Goldspot Discoveries in 2021. 15 years of highgrade gold and copper-gold discovery experience | Golden Ridge Resources, Gold Lion Resources, Damara Gold Corp. |
| :---: | :---: | :---: |
| VP Exploration Christopher Longton | An accomplished geologist with over 15 years experience from greenfields exploration to production on precious and base metals deposits. He has extensive experience managing large-scale projects, most recently as the Senior Exploration Manager for Integra Resources' Delamar project in southern Idaho. | Senior Exploration Manager, Integra Resources |
| CFO <br> Keith Li <br> Comm, CPA, CA | Chartered Professional Accountant (CPA, CA) with over 15 years of corporate accounting, finance and financial reporting experience. Specializes in management advisory services, accounting and regulatory compliance services. Mr. Li holds a Bachelor of Commerce degree from McGill University. | Sears Canada, Snow Lake Lithium, Corcel Exploration, Universal PropTech, Psyched Wellness, Quinsam Capital, Pharmadrug |
| DIRECTOR <br> Peter Simeon <br> BA, Law Degree | Over 18 years legal experience in corporate finance, M\&A and public listings (RTOS \& IPOS). Current partner at Gowling WLG. Previously with Wildeboer Dellelce and Osler. | Partner, Gowling WLG |
| DIRECTOR <br> Nick Tintor <br> BSC Geology | Executive geologist with over 35 years experience. President and CEO of RG Mining Investments Inc. | Big Ridge Gold, Benz Mining, Adyton Resources, Benz Capital |
| DIRECTOR <br> Kelly Malcolm <br> BSc Geology \& BA Economics | Professional Geologist with extensive experience in precious metals exploration and development. Involved in the discovery and delineation of Detour Gold's high grade 58 N gold deposit and current Vice President of Exploration at Amex Exploration. | Amex Exploration, Detour Gold |
| TECHNICAL ADVISOR Dr Tom Henricksen | Recipient of the 2018 Colin Spence Award for Excellence in Global Mineral Exploration and involvement in numerous monumental discoveries, including both the Hod Maden and Ergama deposits in Turkey, the Rock Lake copper deposit in Montana, the Corani, Ollachea, Constancia and Zafranal deposits in Peru, and numerous others. | Coeur Mining, Inca One, New Energy Metals, Midas Gold, Aegean Metals, Mariana Resources, Norsemont Mining, Rio Tinto, Silver Standard, ASARCO, Kennecott |

## Opportunity

## Extensive Exploration History


( $)$

## Surface Mining Rights

Majority of historical drilling and mineralization, including new copper porphyry discovery is situated on land which the Company has surface mining rights, with minimal to no permitting requirement

## Underexplored Project

Historical exploration consisted of drilling short vertical holes, aimed at evaluating a shallow open pit mining opportunity on just one zone on the Property. Modern, systematic exploration had never been carried over the larger system as a whole.

## Favorable Jurisdiction

Located in the state of Idaho, with a pro-mining congressiona delegation, governor and state legislature, and local political support for the project. All drill-defined mineralization has been discovered on state land for which the Company also holds surface mining rights.

## Large, Zoned Porphyry and Ag-Pb-Zn System

The value of the surface mineralization comes mostly from silver, with subordinate lead and zinc, and a new large porphyry copper system has now been discovered as the feeder for the similarly large silver system.

Duality of Silver

## Silver is both a monetary asset and an industrial metal

Silver is one of the oldest forms of currency and represents a store of wealth and form of protection against rising inflation

Silver distribution by usage and applications
Silverware 7\%

Investment
$18 \%$


Silver over gold
In the 2020 market crash, silver significantly outperformed gold palladium, platinum and the
$50 \%$ of use is industrial
Silver has applications in clean energy which are growing rapidly and forecast a demand outperformance over gold

Antimicrobial properties
Silver's well-documented properties make it ideally suited for medical applications, including the fight against Covid-19

## Supply < Demand

S\&P500.


Solar panel, electric vehicle and 5G chips alone are anticipated to require an incremental 150M ounces of silver supply/year over the next 10 years


## $50 \%$ of silver

 use is industrialsilver supply/year over the next 10 years

Mine supply has been falling since 2016, due to under investment, lack of new discoveries and falling ore grades.

## Silver and the Green Revolution

## Solar Panels

Solar panel production now accounts for 100M ounces a year of silver demand, or $\mathbf{1 0 \%}$ of the total silver market. This is projected to grow to 185M ounces in the next 10 years.

## Automotive Applications

61M ounces of silver were consumed by the automotive industry in 2021, particularly in EV's. Silver's superior electrical properties make it irreplaceable in many automotive applications.

## 5G Cellular Networks

5 G semiconductor production is expected to increase annual silver demand from 7.5M ounces today to 23 M ounces by 2030.


## Why Copper is a Critical Mineral

Copper is critical for everything from the electrical grid to electric vehicles and renewable energy technologies.

Besides clean energy technologies, several industries including construction,
infrastructure, and defense use copper for its unique properties.

Role of Copper in the Economy


## An Emerging Powerhouse

Copper is now considered the "new oil" due to its role in electric vehicle (EV) batteries and green energy technologies like solar panels and wind turbines and in turn, could see a similar upside in the next three years.


## Increasing Demand

Copper demand for electricity grids could increase anywhere between 55-104\% by 2040

## Energy Supply

Wind turbines contain 8 tonnes of copper per megawatt of generation capacity.

## Critical Mineral

Copper is now included on both the US and Canadas critical minerals lists as it is deemed essential for economic success.

## Supply < Demand

Copper is not being discovered fast enough to meet upcoming demand.

Ranked a top
mining jurisdiction by Fraser Institute

## The Idaho Advantage

## Tier 1 Mining Jurisdiction

- Idaho has a combination of excellent, yet highly underexplored geological potential, favorable mining regulation, taxation regime and political support.
- Low geopolitical risk with a pro-mining congressional delegation, governor and state legislature
- Long established mining history with streamlined permitting via joint review process
- $\quad \sim \$ 1 \mathrm{~B}$ in mine production generated annually
- Northern portion of the prolific Arizona-Nevada-Idaho mineral belt, yet remains the most underexplored of all three states.
- 3 mines in Idaho (Simplot/Itafos/Bayer) supply $22 \%$ of U.S. phosphate production*


## Notable Mining Companies in Idaho

- Hecla Mining - NYSE: HL
- Integra Resources - TSX.V: ITR
- Revival Gold - TSX.V: RVG
- Perpetua Resources - TSX.V: PPTA
- Liberty Gold - TSX: LGD
- Americas Gold and Silver - TSX: USA
- Bunker Hill Mining - CSE: BNKR
- Idaho Strategic Resources - NYSE: IDR

[^0]
## Idaho Mining Industry - Significant Projects

~\$1B produced annually


100

| Company | Idaho Project | County | Area (Ha) | Metal | Deposit Model | Million Tonnes M\&l or P\&P | Grade ( $\mathrm{g} / \mathrm{t}$ or \% weight) | Status |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hecla Mining | Lucky Friday ${ }^{\text { }}$ | Shoshone North ID | 503 | $\mathrm{Ag}, \mathrm{Pb}, \mathrm{Zn}$ | Mesothermal veins from sedex remobilization | 4.95 (P\&P) | $\begin{aligned} & 470 \mathrm{~g} / \mathrm{t} \mathrm{Ag} \\ & 8.3 \% \mathrm{~Pb} \\ & 3.3 \% \mathrm{Zn} \end{aligned}$ | UG Operating Mine |
| Integra Resources | DeLamar ${ }^{2}$ | Owyhee <br> South-West <br> Idaho | 8,100 | $\mathrm{Au}, \mathrm{Ag}$ | Epithermal Disseminated Volcanic Dome Model | 67.2 (PRP) | $0.45 \mathrm{~g} / \mathrm{t} \mathrm{Au}$ <br> $33 \mathrm{~g} / \mathrm{t}$ Ag | PFS |
| Perpetua Resources | Stibnite ${ }^{3}$ | Valley Central Idaho | 10,968 | $\mathrm{Au}, \mathrm{Ag}, \mathrm{Sb}$ | Magmatic \& Epithermal | 104.6 (P\&P) | $1.43 \mathrm{~g} / \mathrm{t} \mathrm{Au}$ $1.91 \mathrm{~g} / \mathrm{t} \mathrm{Ag}$ 0.064 \% Sb | FS, Permitting |
| Americas Silver and Gold | Galena Complex ${ }^{4}$ | Shoshone North Idaho | 3,608 | Ag, Pb Zn, Cu | Mesothermal veins from sedex remobilization | 0.652 (P8P) | $475 \mathrm{~g} / \mathrm{t} \mathrm{Ag}$ | UG Operating Mine |
| Liberty Gold | Black Pine ${ }^{5}$ | Cassia \& Oneida | 5,088 | Au | Carlin Type | 105.0 (Indicated) | $0.51 \mathrm{~g} / \mathrm{t} \mathrm{Au}$ | Exploration |
| Revival Gold | BeartrackArnett Gold Project ${ }^{6}$ | Lemhi | 5,800 | Au | Mesothermal Orogenic | 15.2 (ndicated) | $1.03 \mathrm{~g} / \mathrm{t} \mathrm{Au}$ | PEA |

*Investors are cautioned that mineral deposits in the table are not adjacent properties or same deposit types as the Hercules Silver Project, and are not indicative of mineral deposits on the Company's properties
${ }^{2}$ 'News Release, Hecla Mining Co., Hecla Reports 2nd Highest Silver Reserves in Company History, February 17, 2022
${ }^{2}$ Gilstin, M.M... Weiss, S.I., Dyer, T.L., McParttand, J.S., WoodS, J.L., Welsh, J.D., 2019 , Technical report and preliminary economic assessment for the De Lamar and Florida mountain gold siliver project, Owyhee county, Idaho, Usa
ZZimmerman, R.K., lbrado, A. Dunn, G.M., Kirkham, G.D., Martin, C.J., Kowalewski, P.E., Roos, C.J., Rosenthal, S. 2021. Stibnite Gold Project Feasibility Study Technical Report, Valley County, Idaho.
4Americas Gold and Silver Corporation website link: Reserves20210908.xIIs. Additional note: AGSC also separately reports Galena Mine MRMR for lead and copper.
${ }^{5}$ Gustin, M.M., Simmons, G.L., Smith M.T. 2021, Updated technical report
${ }^{5}$ Gustin, M.M., Simmons, G.L., Smith M.T., 2021, Updated technical report and resource estimate for the Black pine gold project, cassia county, Idaho, Usa
${ }_{\text {RRever }}$ Revival Gold website (hectares) and Hanson, K., Bissonnette B., Baluch, P., Cameron D., Mathisen, M., Rodney, R., 2020 Preliminary Economic Assessment of the Heap Leach Operation on the Beartrack Arnett Gold Project Lemhi County, Idaho, USA, NI 43-101 Technical Report

## Hercules Project




## Location

~0,000 acres located in Washington County, Idaho, just 2.5 hours NW of Boise International Airport by Highway. The nearby town of Cambridge, ID provides excellent amenities, infrastructure and local labour to support exploration. High voltage transmission line traverses across the property

## Geology

Series of stacked thrust sheets have emplaced rhyolite-hosted silver (lead-zinc-manganese+/-copper) mineralization directly above a large blind porphyry copper system. Discovery drilling in 2023 has indicated large zones of porphyry style alteration at depth. The scale of the porphyry copper system appears to be relative to that of the associated silver mineralization, which trends for several kilometers.

## Deposit Type

Disseminated silver (+/-lead-zinc) occurs where tetrahedrite-galena-sphalerite mineralization flooded and replaced a rhyolite tuff unit. The silver mineralization represents a distal portion of a larger porphyry copper system discovered at depth in 2023.

## Drilling

28,000 meters of historical drilling had been completed prior to the Company's acquisition in 2021. The drilling defined zones of continuous mineralization at shallow depth, which have been confirmed by 2022 drilling to remain open in all directions. A 2023 Phase II drill program is underway completing over 6,000 meters of discovery exploration drilling.

## Exploration

The Property had never before seen a modern, systematic approach to exploration and previous operators simply drilled shallow scout holes aimed towards small scale mining, with no understanding of the target or controls. Phase II drilling has now confirmed the silver mineralization to be a distal expression of a much larger porphyry copper system that shows kilometers of scale.

## History of the Project



- First historical production at the Belmont, followed by the Hercules Adit


## 1965

- First hole drilled at the Hercules Adit Zone


## LATE 1970s - EARLY 1980 s

- Strong silver prices and aggressive drilling at the Frogpond and Hercules Adit Zones define zones of continuous mineralization
- Drilling along strike discovers 4 other mineralized zones at the Belmont, Haystack, Hercules Ridge and Grade Creek


## 1983-1984

- 144 holes drilled in $1983-84$, followed by a collapse in silver prices, leaving the project orphaned throughout the bear market of the 90's and early 2000's


| Hole ID | Year | From (m) | To (m) | Interval (m) | Ag (g/t) | Pb (\%) | Zn (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80-1 | 1980 | 73.15 | 103.63 | 30.48 | 335.6 | 0.17 | 0.54 |
| including | 1980 | 82.3 | 91.44 | 9.14 | 828.2 | 0.24 | 0.8 |
| including | 1980 | 96.01 | 99.06 | 3.05 | 317.8 | 0.04 | 0.22 |
| 80-12 | 1980 | 7.62 | 22.86 | 15.24 | 56 | No Assay | No Assay |
| AND | 1980 | 36.58 | 74.68 | 38.1 | 144.3 | 0.13 | 0.37 |
| including | 1980 | 50.29 | 53.34 | 3.05 | 485 | No Assay | No Assay |
| AND | 1980 | 82.3 | 97.54 | 15.24 | 129 | 0.02 | 0.07 |
| 80-13 | 1980 | 114.3 | 141.73 | 27.43 | 394.3 | 0.21 | 0.7 |
| including | 1980 | 115.82 | 126.49 | 10.67 | 904.3 | 0.32 | 1.31 |
| 80-04 | 1980 | 85.34 | 108.2 | 22.86 | 297.4 | 0.22 | 0.26 |
| 83-42 | 1983 | 1.52 | 45.72 | 44.2 | 143.9 | 0.13 | 0.26 |
| including | 1983 | 12.19 | 15.24 | 3.05 | 807.7 | 0.25 | 0.21 |
| 83-P19 | 1983 | 15.24 | 62.48 | 47.24 | 377.5 | 0.39 | 0.91 |
| Including | 1983 | 24.38 | 32 | 7.62 | 606.2 | 0.49 | 1.64 |
| Including | 1983 | 35.05 | 44.2 | 9.15 | 1,166.40 | 1.05 | 1.82 |
| 83-P7 | 1983 | 42.67 | 74.68 | 32.01 | 174.6 | 0.56 | 2.21 |
| 84-P3 | 1984 | 25.91 | 71.63 | 45.72 | 380.3 | 0.61 | 3 |
| Including | 1984 | 27.43 | 33.53 | 6.1 | 998.9 | 1.18 | 7.53 |
| 84-P6 | 1984 | 4.57 | 44.2 | 39.63 | 175.9 | 0.12 | 0.32 |
| AC 7710 | 1977 | 44.2 | 59.44 | 15.24 | 770 | 1.36 | 0.2 |
| Including | 1977 | 48.77 | 56.39 | 7.62 | 1,377.70 | 2.62 | 0.3 |
| AND | 1977 | 126.49 | 132.59 | 6.1 | 146.2 | 0.05 | 0.1 |
| DDH-3 | 1965 | 33.53 | 35.05 | 1.52 | 289.3 | 0.1 | No Assay |
| AND | 1965 | 44.2 | 68.58 | 24.38 | 122.9 | No Assay | No Assay |
| AND | 1965 | 82.3 | 117.35 | 35.05 | 266.7 | 0.69 | 3.63 |
| Including | 1965 | 92.96 | 99.06 | 6.1 | 718.5 | 0.48 | 1.63 |
| RC 771 | 1977 | 77.72 | 109.73 | 32.01 | 300.3 | 0.22 | 0.49 |
| including | 1977 | 97.54 | 106.68 | 9.14 | 750.1 | 0.34 | 0.4 |



## SILVER

## SOIL SAMPLING

- Soil sampling has returned anomalous silver > 5 ppm over 3.5 kilometers and open under cover to the south
- Silver values range up to $604 \mathrm{ppm}(17.6 \mathrm{oz} / \mathrm{t})$ in historical soil samples at the Belmont Zone
- Largest and highest-grade soil/coincident IP anomaly at Hercules Ridge/Grade Creek remains to be drilled
- Large regions of anomalous rhyolite were inadequately tested by the shallow historical drilling that did not reach the mineralized basal contact


## IP GEOPHYSICS

## Strongest chargeability target on the Property

 discovered in 1987 and has never been drill testedChargeability >35 ms indicates strong sulfide mineralization at surface

IP anomaly is coincident with the largest $\boldsymbol{> 1} \mathbf{o z} / \mathbf{t}$ silver in soil anomaly on the Property


## Rock Chip Sampling

Plan View Showing Silver Equivalent ( $\mathrm{g} / \mathrm{t}$ ) Grades of Rock Chip Samples


## COPPER-GOLD

## SOIL SAMPLING

- Newly discovered 2-kilometer diameter copper-gold anomaly grading up to $3,175 \mathrm{ppm} \mathrm{Cu}, 663 \mathrm{ppb}$ Au in soil
- Phyllic-argillic alteration in volcanic rocks at surface
- Large and thick bodies of high-grade skarn at surface grading up to $21 \%$ copper, $4.5 \mathrm{~g} / \mathrm{t}$ gold and $1,085 \mathrm{~g} / \mathrm{t}$ silver
- Feeder system to CRD-style silver-lead-zinc system to the west in Hercules Rhyolite


## COPPER PORPHYRY FEEDER SYSTEM

Select grab samples* grading up to $21 \%$ copper, $4.5 \mathrm{~g} / \mathrm{t}$ gold and $1,085 \mathrm{~g} / \mathrm{t}$ silver

## Phase I Drilling

- The phase I drill program was designed to verify historical drilling results, for inclusion in a potential future resource estimate
- 9 shallow holes drilled, with several holes bottoming in mineralization due to the depth capability of the scout rig utilized




## Phase I Drilling Results

## Select 2023 Phase 1 Drill Results

Calculated at $35 \mathrm{~g} / \mathrm{T}$ AgEq Cutoff Grade '

- Results from maiden nine-hole drill program announced February 2023
- Strong grade over multiple significant intervals, including the first hole of the program, which intercepted 38 meters of $353 \mathrm{~g} / \mathrm{t} \mathrm{Ag}, 0.64 \% \mathrm{~Pb}, 2.28 \%$ Zn and $0.16 \% \mathrm{Cu}(487 \mathrm{~g} / \mathrm{t}$ AgEq), beginning at a shallow depth of 26 m .
- Drilling grades significantly exceed grades sampled at surface, supporting the concept of potential supergene enrichment of mineralization below surface.
- Confirmed the presence of a high-grade shoot (the P19 Shoot) at the east end of the Frogpond Zone; open at depth to the east.
- Four holes ended in mineralization (denoted EOH)
- Expanded 3,000-meter Phase II core drilling program scheduled for spring 2023

| Hole ID | From (m) | $\begin{gathered} \text { To } \\ \text { (m) } \end{gathered}$ | Interval (m) | $\begin{aligned} & \mathrm{AgEq} \\ & (\mathrm{~g} / \mathrm{t}) \end{aligned}$ | $\begin{gathered} \mathrm{Ag} \\ (\mathrm{~g} / \mathrm{t}) \end{gathered}$ | $\begin{aligned} & \mathrm{Pb} \\ & (\%) \end{aligned}$ | $\begin{gathered} \mathrm{Zn} \\ (\%) \end{gathered}$ | $\begin{aligned} & \text { AgEq }^{2} \times \text { Meters } \\ & (\mathrm{g} / \mathrm{t} \times \mathrm{m}) \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HER-22-01 | 25.91 | $\begin{aligned} & 64.01 \\ & (\mathrm{EOH}) \end{aligned}$ | 38.10 | 487 | 353 | 0.64 | 2.28 | 18,562 |
| Including | 28.96 | 33.53 | 4.57 | 1,021 | 791 | 1.25 | 4.06 | 4,669 |
| HER-22-05 | 30.48 | 131.06 | 100.58 | 105 | 58 | 0.41 | 0.78 | 10,554 |
| HER-22-06 | 24.38 | $\begin{aligned} & 59.44 \\ & \text { (ЕОН) } \end{aligned}$ | 35.05 | 87 | 38 | 0.49 | 0.80 | 3,055 |
| HER-22-07 | 1.52 | 45.72 | 44.20 | 258 | 224 | 0.32 | 0.38 | 11,417 |
| Including | 6.10 | 25.91 | 19.81 | 426 | 398 | 0.44 | 0.16 | 8,432 |
| HER-22-08 | 3.05 | $\begin{aligned} & 60.96 \\ & \text { (ЕОН) } \end{aligned}$ | 57.91 | 157 | 124 | 0.18 | 0.51 | 9,083 |
| Including | 39.62 | 60.96 | 21.34 | 293 | 252 | 0.31 | 0.51 | 6,253 |
| Including | 42.67 | 53.34 | 10.67 | 440 | 384 | 0.44 | 0.62 | 4,694 |
| HER-22-09 | 24.38 | $\begin{aligned} & 60.96 \\ & \text { (EOH) } \end{aligned}$ | 36.58 | 382 | 292 | 0.53 | 1.37 | 13,977 |
| Including | 35.05 | 45.72 | 10.67 | 921 | 750 | 1.10 | 2.36 | 9,830 |

[^1]
## Phase I <br> Drilling Results

Section A-A' P-19 Shoot<br>Looking North



## Phase I <br> Drilling Results

Section B-B' Hercules Adit Zone Looking Southeast



Phase II Drilling
$\sim 6,000 \mathrm{~m}$ expansion and discovery focused
program confirming high silver grades outside of

historic mineralization and a new copper porphyry | $\begin{array}{l}\text { historic min } \\ \text { discovery }\end{array}$ |
| :--- |

## Exploration

## Blind Copper Porphyry Discovery

- During the Phase II exploration program Hercules Silver tested a large-scale (>1.8km) blind chargeability anomaly that intersected 185 m of $0.84 \% \mathrm{Cu}, 111 \mathrm{ppm}$ Mo, $2.6 \mathrm{~g} / \mathrm{t}$ Ag, including 4.5 m of $1.94 \% \mathrm{Cu}$
- The newly discovered porphyry system is situated below rhyolite-hosted silver mineralization defined by over 300 historical drill holes. The system is therefore completely blind and open in all directions from HER-23-05
- A follow-up 3D IP survey is currently underway to expand the chargeability anomaly in all directions and help track the system with further drilling
- Additional step-out holes drilled at various orientations to the southeast of HER-23-05, where chargeability data is currently available, have intersected similar alteration, veining and copper mineralization over variable lengths

Many directions remain to be tested, and the potassic center, which often carries the highest grades within porphyry systems, remains to be found


## Phase II Initial Drilling Results

- The upper part of HER-23-05 intercepted 84.2 meters of $54.1 \mathrm{~g} / \mathrm{t}$ AgEq, beginning at a shallow depth of 4.5 m , including a higher-grade intercept of 27.3 m grading $113.4 \mathrm{~g} / \mathrm{t}$ AgEq starting at 36.7 m
- HER-23-05 was continued to depth to test a chargeability anomaly and intercepted blind copper porphyry in first deep drill hole grading 0.84\% Cu, 111 ppm Mo, $2.6 \mathrm{~g} / \mathrm{t}$ Ag over 185 m , including 45 m of $1.94 \% \mathrm{Cu}$
- Hole ended prematurely in mineralization due to drilling challenges. Stepout drilling indicates system extends considerably deeper
- Mineralization open in all directions from discovery hole
- 3D IP geophysics underway to establish limits of the system and guide further drilling


3D IP Survey

## 2022 3D IP Survey

- The new 3D IP survey over the Hercules Adit, Frogpond and Belmont Zones identified a large untested chargeability anomaly below the historical drilling
- The results demonstrate potential for a large mineralized extension below the shallow historical drilling

Strong chargeability values (>25ms) over a continuous strike length of 1.8 kilometers
Anomaly is coincident with the projected base of the Hercules Rhyolite at depth, where geological mapping and 3D modelling suggests a potentially strong fluid pathway and structural control for silver mineralization

The Seven Devils volcanics host copper mineralization on the east side of the property, and dip to the northwest, underneath the base of the rhyolite, where they are potentially coincident with the same anomaly
 Anomaly remains open for expansion to the east


## 3D IP Survey

- $\mathbf{2 5}$ ms Chargeability and Silver Grade Bars - Looking Southwest
- Anomaly lies below all historical drilling (drill holes on the left side of section were behind anomaly)



## 3D IP Survey

Increasing Silver Grade and Sulfide Content in Historical Drill Holes
Approaching Chargeability Anomaly - Looking Northeast

## Next Steps

## Phase II Drill Plan Underway:

Continuation of Spring 2023 core drilling campaign for up to 6,000 meters, consisting of:

1. Drilling extensions of Hercules Adit and Frogpond Zones
2. Drilling 3 new CRD targets
3. Drilling new porphyry copper discovery
4. Drilling large untested chargeability anomaly at depth

Targeting extension of a high-grade shoot at the east end of the Frogpond Zone

## Short Term Goals

| 1 | Discover and develop upwards of <br> Hercules Adit/Frogpond |
| :---: | :--- |
| 2 | Drill test 5 new CRD targets within Hercules Rhyolite resource at |
| 3 | Drill new porphyry copper discovery |
| 4 | Drill large untested chargeability anomaly at depth, believed to <br> be potential blanket of massive CRD mineralization near porphyry |

## - Thank You.

## Contact Us

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[^0]:    *Source: www.blm.gov/energy-and-minerals/mining-and-minerals/about/Idaho

[^1]:    The intercepts repor Silver equivalent (AgE
    quivalent grade is calculated as $\mathrm{AgEq}(\mathrm{g} / \mathrm{t})=\mathrm{Ag}(\mathrm{g} / \mathrm{t})+(\mathrm{Cu}(\%) * 118.558)+(\mathrm{Pb}(\%) * 28.568)+(\mathrm{Zn}(\%) * 42.852)$. Metal recoveries have not been pplied in the silver equivalent calculation

