



RAMP METALS  
INC.

# Ramp Metals Inc. (RAMP.TSXV)

A battery metals exploration company  
focused on mining assets in Saskatchewan

Investor Presentation | Winter 2023

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# Company Overview

## OUR MISSION

### Ramp Metals Inc.

A battery metals exploration company focused on assets in northern Saskatchewan.

We are a team that is passionate about true exploration.

Our goal is to advance exploration in the metals required to fuel the green technology movement.

## WHY SASKATCHEWAN?

### Mining Friendly

Saskatchewan was ranked 2nd globally and the top in Canada by the Fraser Institute as the most attractive jurisdiction for mining investment in 2021.

### Wide Open

Due to significant interests in uranium exploration in the Athabasca Basin, the best base metals prospects remain unexplored/underexplored.



## MANAGEMENT TEAM



### Jordan Black, P. Eng. | CEO & Director

A Geotechnical Engineer with 12 years of geotechnical engineering experience for various infrastructure, renewable energy and mining projects. He previously served as VP of Business Development at GoldSpot Discoveries.



### Garrett Smith | VP Exploration

B.Sc. Geology with 7 years of experience working on exploration projects across western Canada for Rio Tinto, SSR Mining, and Newmont.



### Brett Williams, P. Geo. | VP Operations

A Professional Geologist with 8 years of experience in open pit and underground mining and exploration in diamond, base metal, gold, and uranium for Rio Tinto and SSR Mining.

# Renowned Nickel Experts Appointed as Strategic Advisors

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**Dr. Mark Bennett, Ph.D.**

- A PhD-qualified geologist with 30+ years of experience in capital raising, mineral exploration and establishing mines
- Founded Sirius Resources (acquired for AUD\$1.8 billion) and oversaw the development of the Nova-Bollinger nickel-copper mine in Western Australia
- Held technical, operational, executive and board roles in Australia, Canada, West Africa, Europe and the U.S.
- Instrumental in discovering the Wahgnion gold mine, the Nova-Bollinger nickel-copper mine, etc.
- Involved in raising \$1+ billion in debt & equity financing

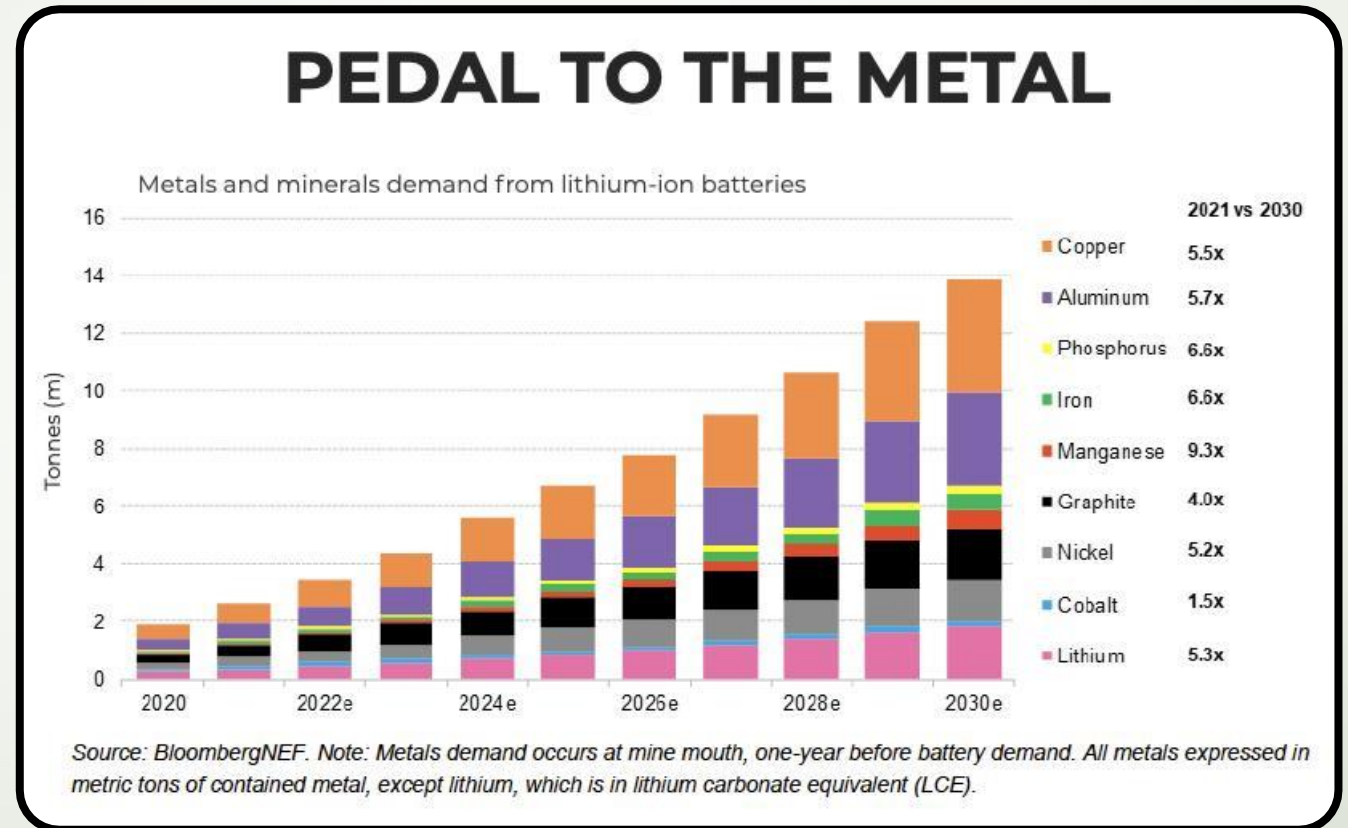


**Scott McLean, P.Geo., FGC.**

- A professional geologist with 35+ years of senior management, executive and board experience in the mining industry
- Worked for Falconbridge Limited and its successor Xstrata Nickel throughout Canada with a focus on gold and base metal exploration between 1985 and 2007
- Founded HTX Minerals Corp in 2007, Transition Metals Corp in 2010, SPC Nickel Corp in 2013 and Canadian Gold Miner in 2016
- Currently leads Transition Metals and is the Executive Chairman of SPC Nickel

# Why Ni-Cu-PGE?

- **Demand** - Increasing demand for green technologies and electric vehicles.
- **Extremely profitable** - Nova Bollinger deposit (Sirius Resources) sold for \$1.8B AUD. Voisey's Bay (Diamond Fields Resources) sold for \$4.3B USD.
- The forecast demand is on pace to outstrip supply capacity. This is being driven by the EV battery market.

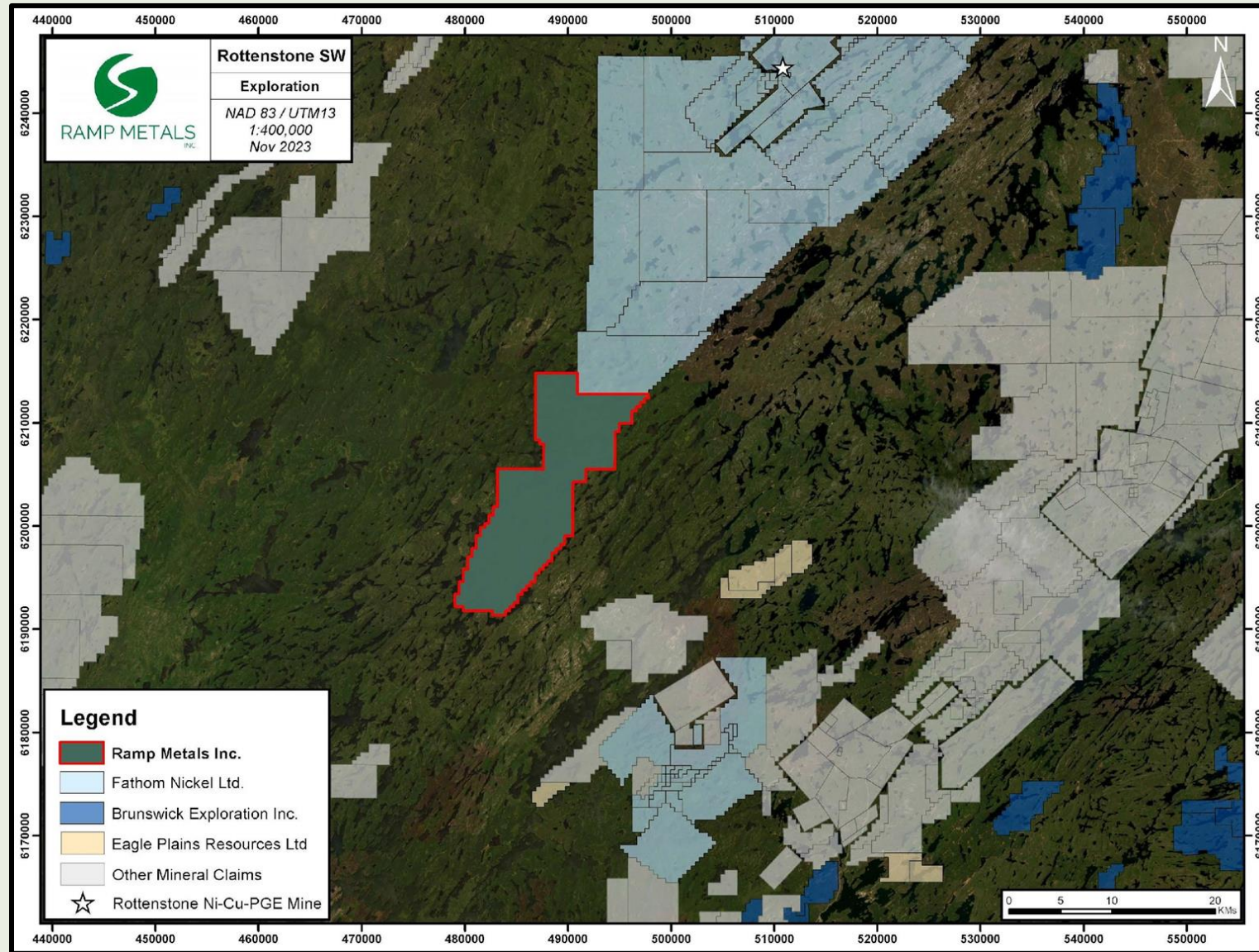


# Ramp Metals' Three Properties

- **Total Land Package** – 20,000 hectares
- **Rottenstone SW claims** - Rottenstone Domain
  - ✓ Bordering Fathom Nickel Inc. who raised \$3M recently.
  - ✓ Along Structure from the Rottenstone Mine
  - ✓ Rottenstone Eye Structure possible analogue to the “Nova Eye”. Nova-Bollinger deposit which sold to IGO for 1.8B AUD.
- **PLD claims** - Peter Lake Domain
  - ✓ Permitted for fall 2023 drill program
  - ✓ Only 17km from highway 905
- **Ramp Metals USA – Railroad Valley Lithium**
  - ✓ Largest closed basin in Nevada

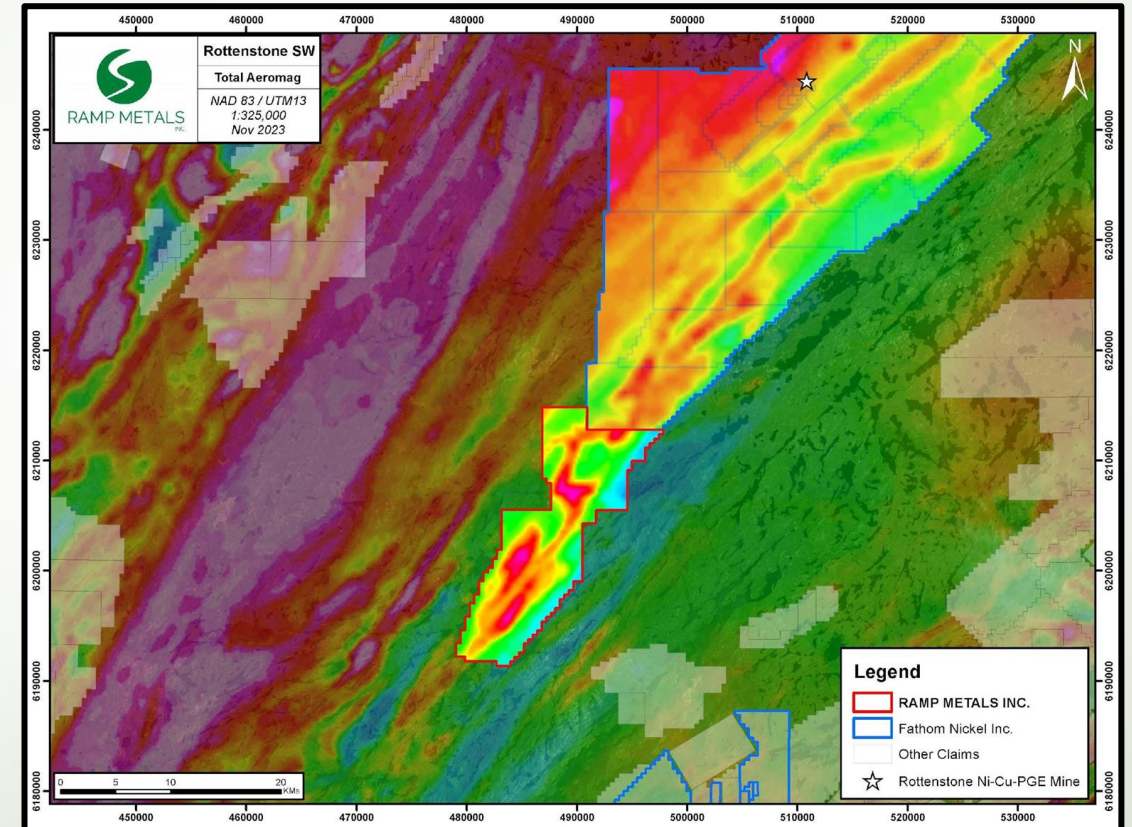


# Rottenstone Claims



# Rottenstone SW-Rottenstone Domain

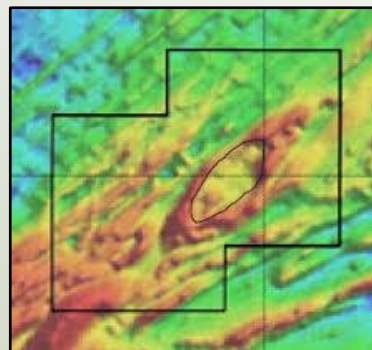
- Rottenstone domain hosts Saskatchewan's only past producing Ni-Cu-PGE mine (Rottenstone Mine).
- Rottenstone Mine produced 40,000 tons of high-grade nickel-copper-platinum group elements as well as gold (Ni-Cu-PGE +Au) ore grading 3.28% Ni, 1.83% Cu and 9.63 g/t (Pt-Pd-Au).
- Grade of Rottenstone Mine points to a much larger, regional system. Need a very large volume of mafic-ultramafic material to produce these grades. Much more than the small pod where the deposit is found.
- NE-SW magnetic trends interpreted as the conduits for large volumes of mafic-ultramafic magma.
- Rottenstone SW eye structure believed to be a major feeder chamber – **note major magnetic trends all lead back to the eye.**



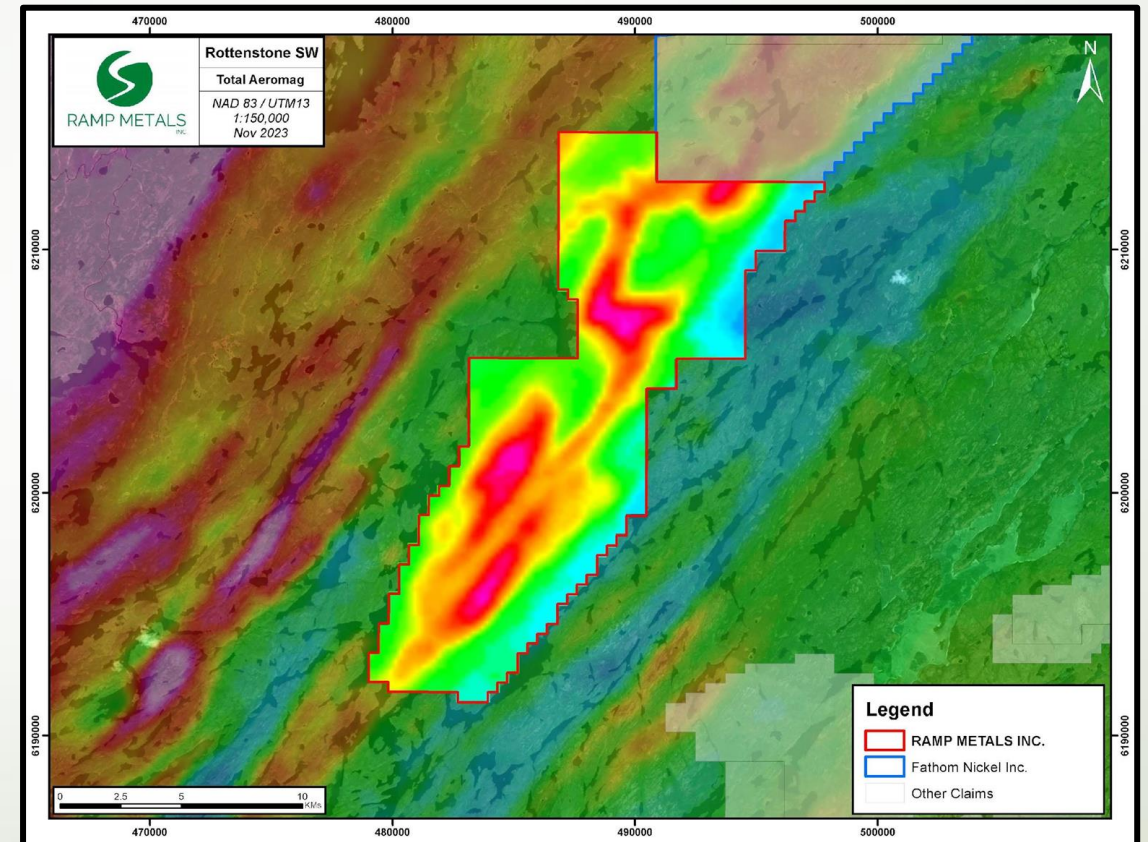


# Rottenstone SW Claims

- 17,285.52 contiguous hectares
- Possible analogue to the “Nova Eye” seen below. This structure hosts the Nova-Bollinger deposit which was discovered by Sirius Resources and subsequently sold to IGO.
- Fully permitted for a 2000m drill program.
- Nova-Bollinger resource: 13.1Mt @ 2% Ni, 0.8% Cu, 0.07% Co.



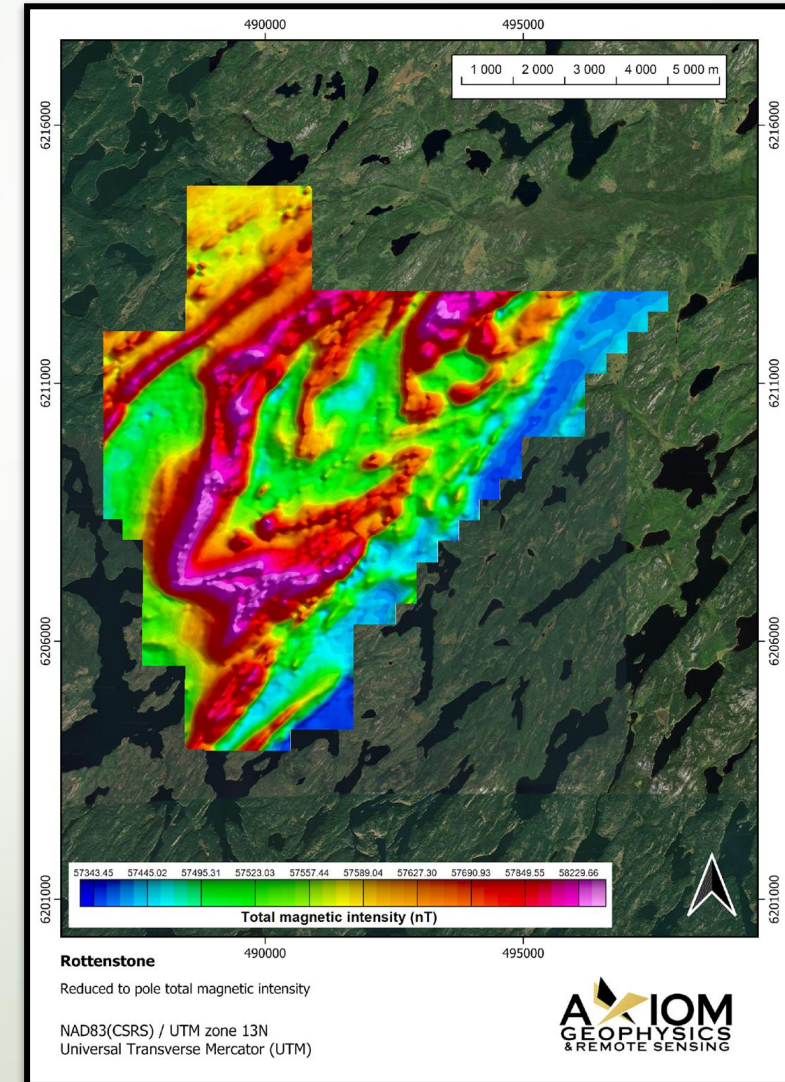
Nova Eye



Rottenstone Eye

# Airborne TDEM Survey

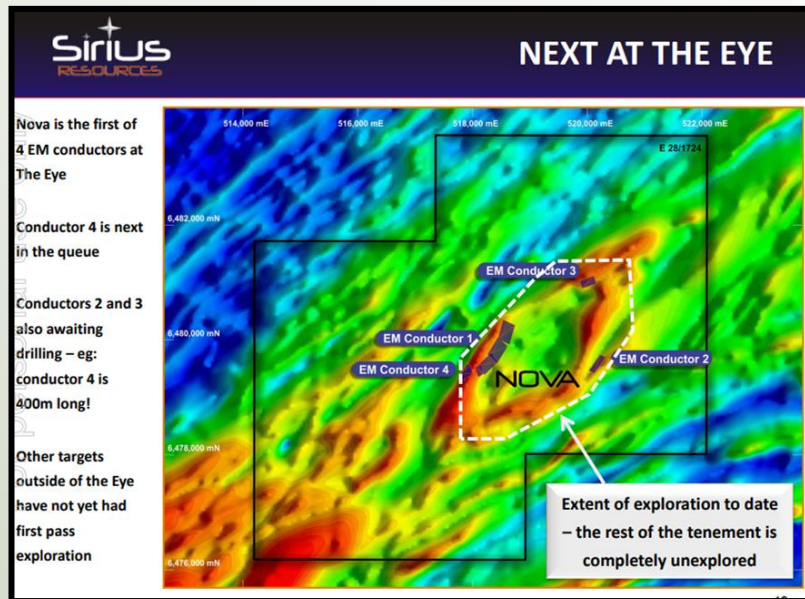
- An 858 line-km airborne HTDEM + Mag survey was recently completed over the entire Rottenstone SW property. Line spacing of 100m was used to ensure a high-resolution dataset.
- High resolution magnetic data clearly shows the eye structure, which we interpret to be a potential feeder intrusion for the regional system.
- EM delineated multiple conductive targets. The similarities between conductor size and their spatial relationship to the eye structure are strikingly similar to those of the Nova-Bollinger deposit.



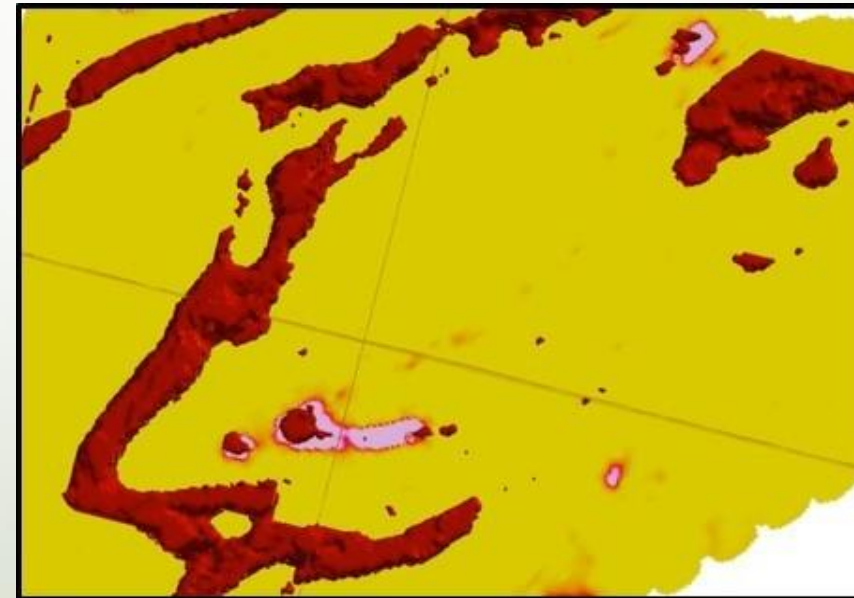
# Comparison Between Nova-Bollinger and Rottenstone SW

Note the similarities between the two datasets.

- The Rottenstone SW conductors (pink) correlate very well with the conductors delineated at the Nova-Bollinger deposit.
- Of particular interest are the conductors in the SW portion of the Rottenstone Eye structure which have a strike length of over 1500m and are also associated with discrete mag highs (dark red).



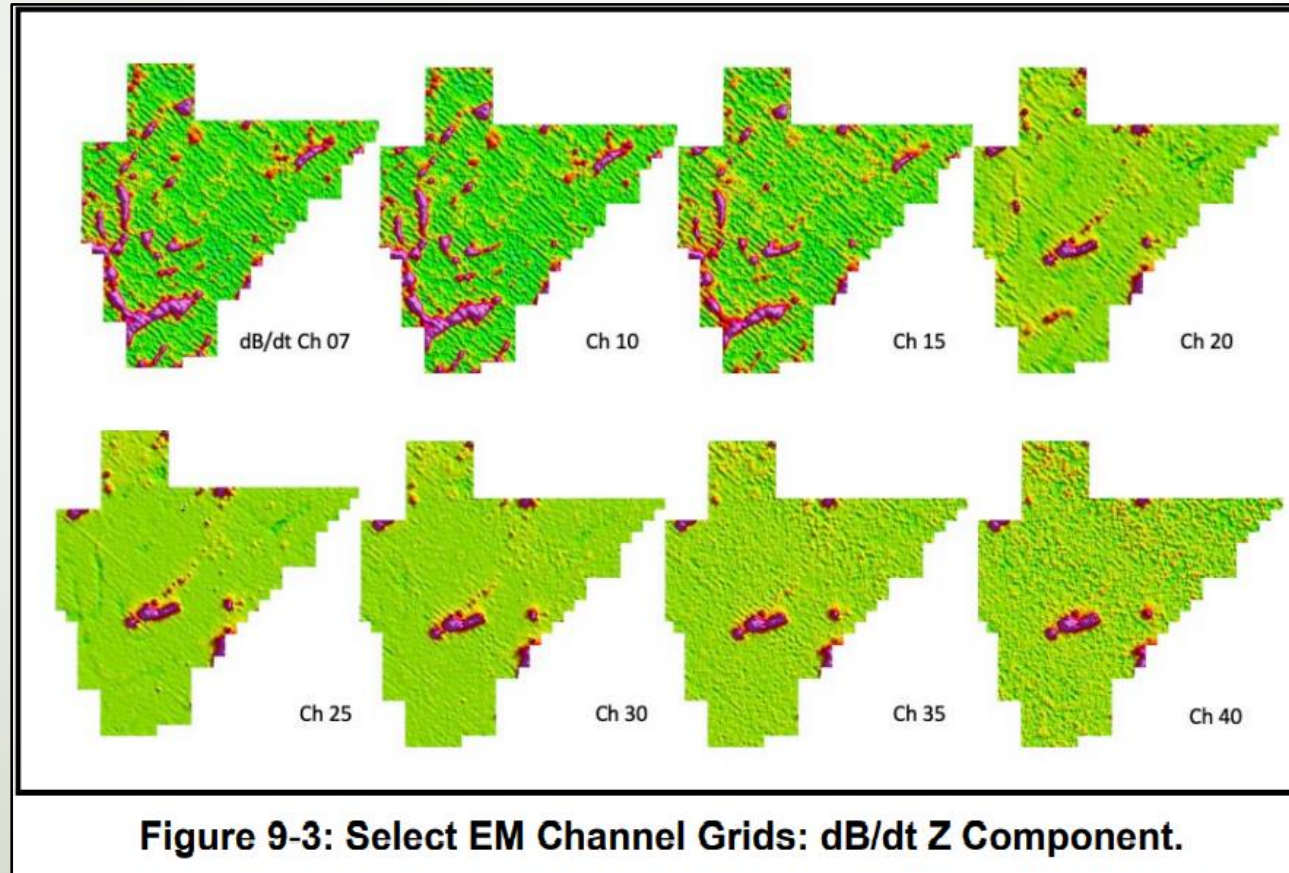
Sirius Resources Nova-Bollinger 2013 Presentation



Rottenstone SW

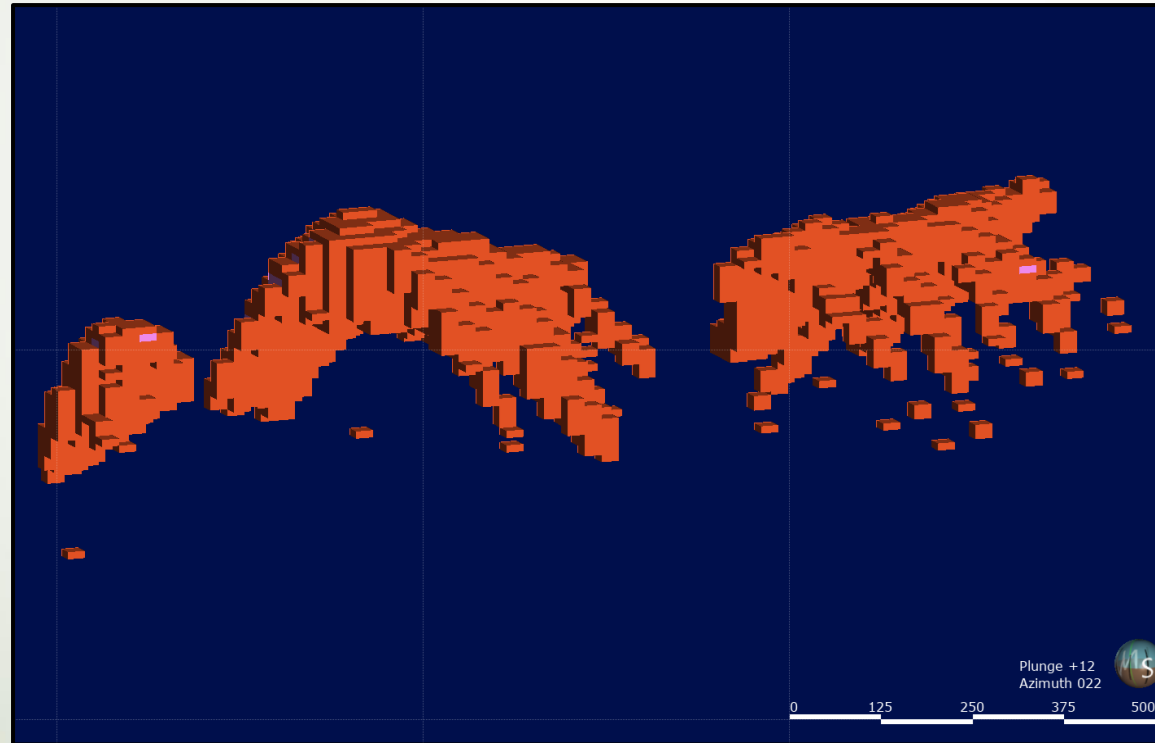
# Conductive Targets

- The EM data displays prominent, discrete conductors associated with both the early times, as well as distinct late time conductors at depth (Figure 9-3). The profile maps of the layered earth inversion also show conductivity continuing at depth for the anomaly in the center of the claims



# Conductive Targets

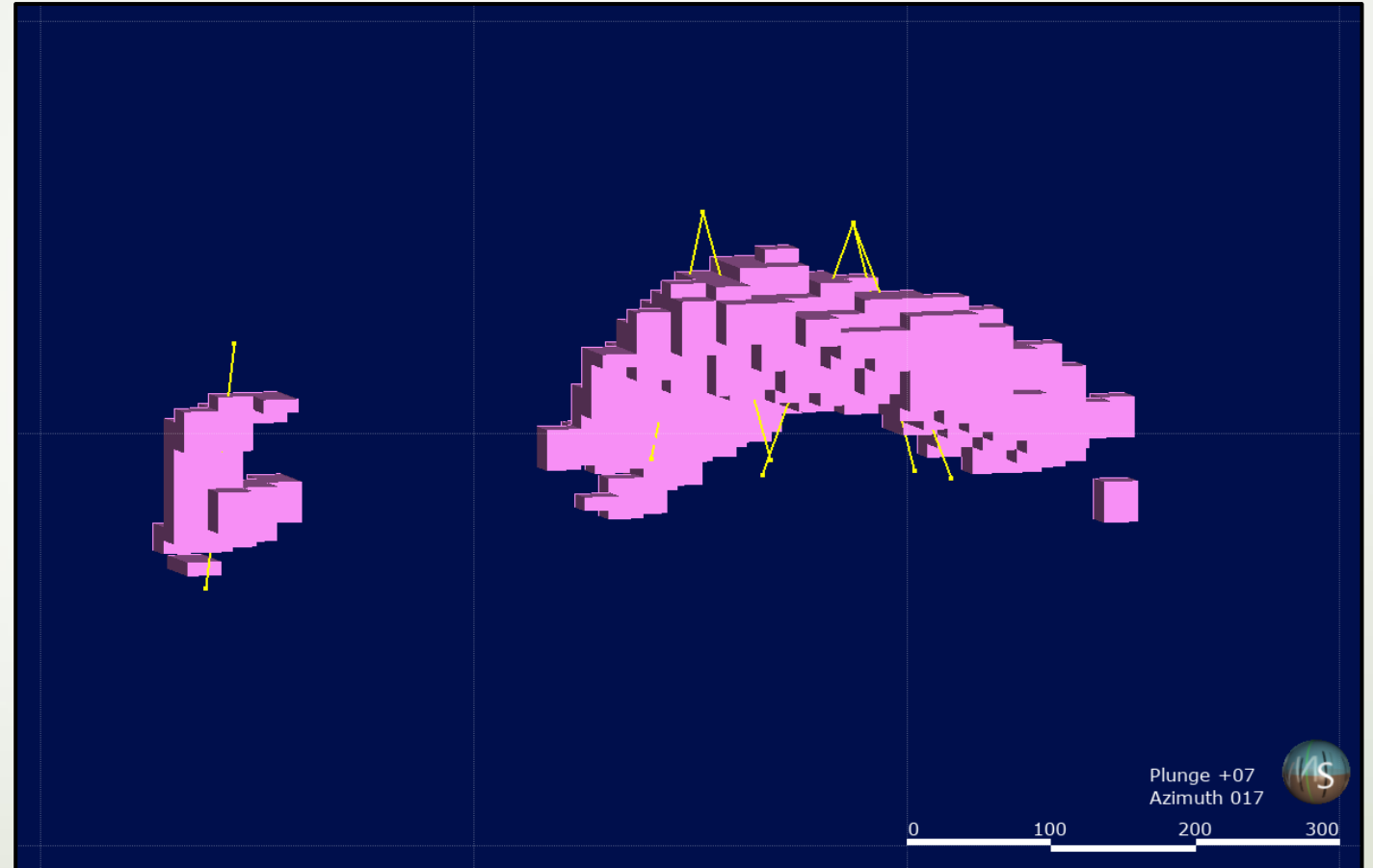
- Elsewhere in the Rottenstone Domain the ultramafic intrusives which host Ni-Cu-PGE showings are often located in the hinge zones of northeast-southwest trending folds, which makes the EM anomaly in the central portion of the claims particularly attractive target for additional exploration.



Voxel conductivity block model of the EM anomaly in the centre of claims. The conductive targets occur in flat-lying anticlinal hinge zones just below surface.

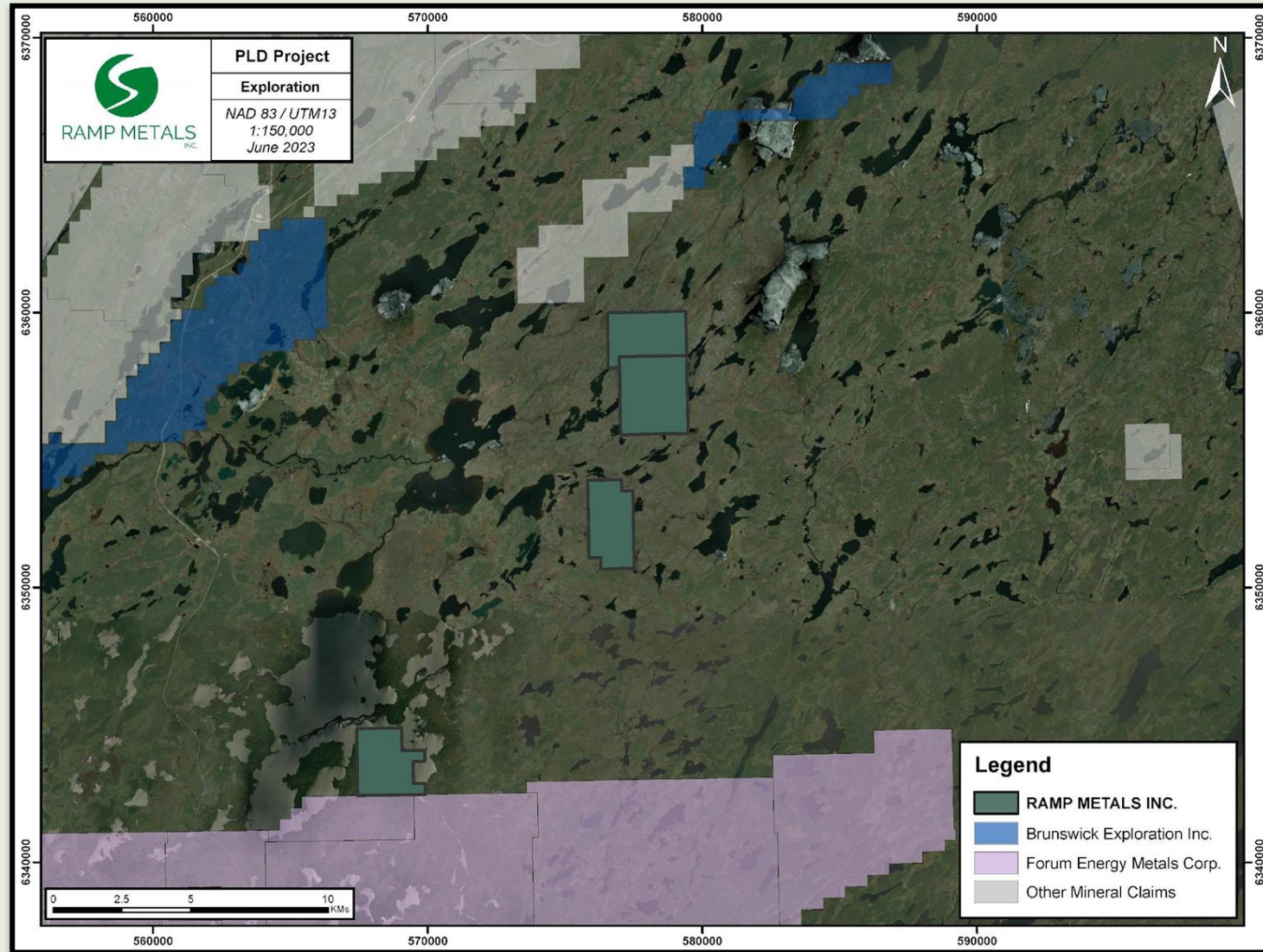
# Upcoming Drill Program

- Fully permitted for up to 2000M of drilling.
- 4 drilling locations with 8 holes planned.
- Shallow targets: All conductive targets begin near surface.
- Planned max depth of drill holes is 200M



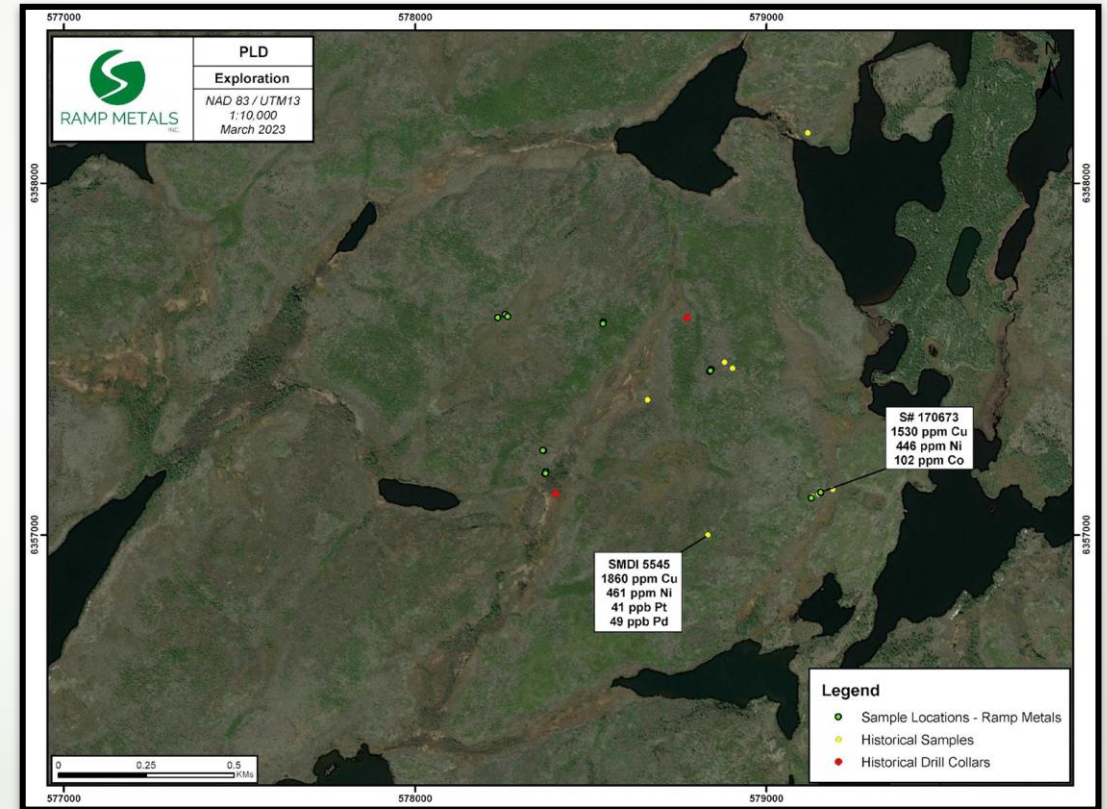
Highest conductivity shell of Voxel model at the central EM target with proposed drill holes plotted

# PLD Claims



# PLD Exploration History

- Property held by Canadian Platinum Corp (CPC) in 2000's - Allen target
- Prospecting returned SMDI 5545 - gabbro outcrop with disseminated pyrite and chalcopyrite and values of 1860 ppm Cu, 461 ppm Ni, 41 ppb Pt, 49 ppb Pd.
- VTEM flown(2011) over the property and compelling targets generated by Geotech Ltd.
- Line cutting and TDEM (ground geophysics) ran by Koop Geotechnical with shallow targets generated.
- Drilled 2 holes showing thick sections of gabbro. One hole intersected 7.1m of Cu sulphides. Company ran out of money and dropped the property.
- We believe the property was drilled inaccurately and did not properly test the targets that were generated.





# 2022 PLD

- Both historical drill collars were found during a site visit.
- Koop 1 collar was found approximately 40m from its designed location.
- Geotech 1 collar was found approximately 70m west of the geophysics line 2050 where the deeper VTEM anomaly was identified.
- 28 additional samples were taken. Up to 5% disseminated sulphides were noted in many samples.
- Sample 170673 returned 1550 ppm Cu, 451 ppm Ni, 104 ppm Co from a rusty meta-gabbro outcrop, collected approximately 350m to the ENE of SMDI 5545.
- This evidence at surface points towards a fertile system and warrants testing conductors at depth.



Sample 170672: 1210ppm Cu, 333ppm Ni, 79ppm Co



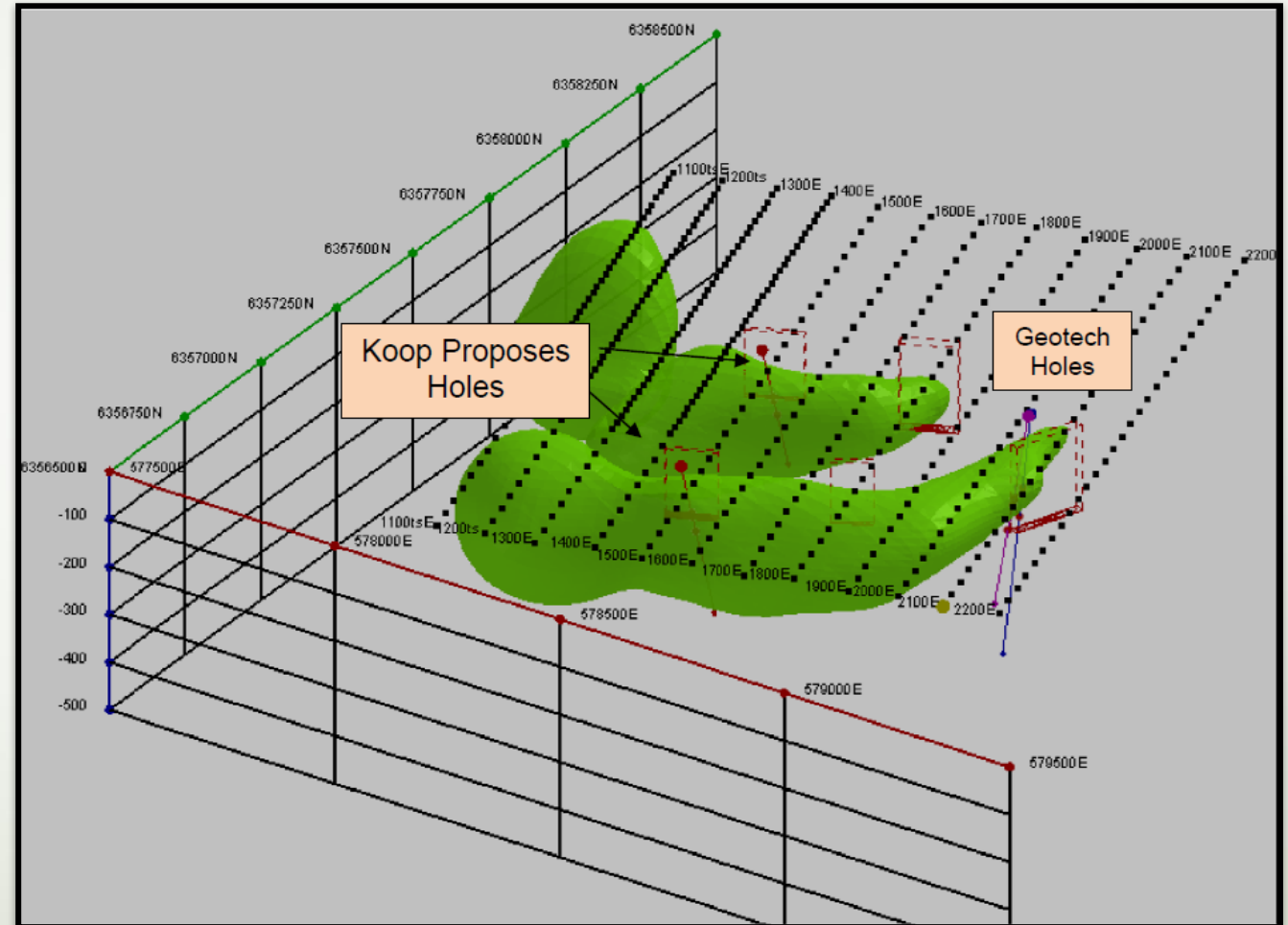
Geotech 1 Historical drill collar



Sample 170673: 1550ppm Cu, 451ppm Ni, 104ppm Co

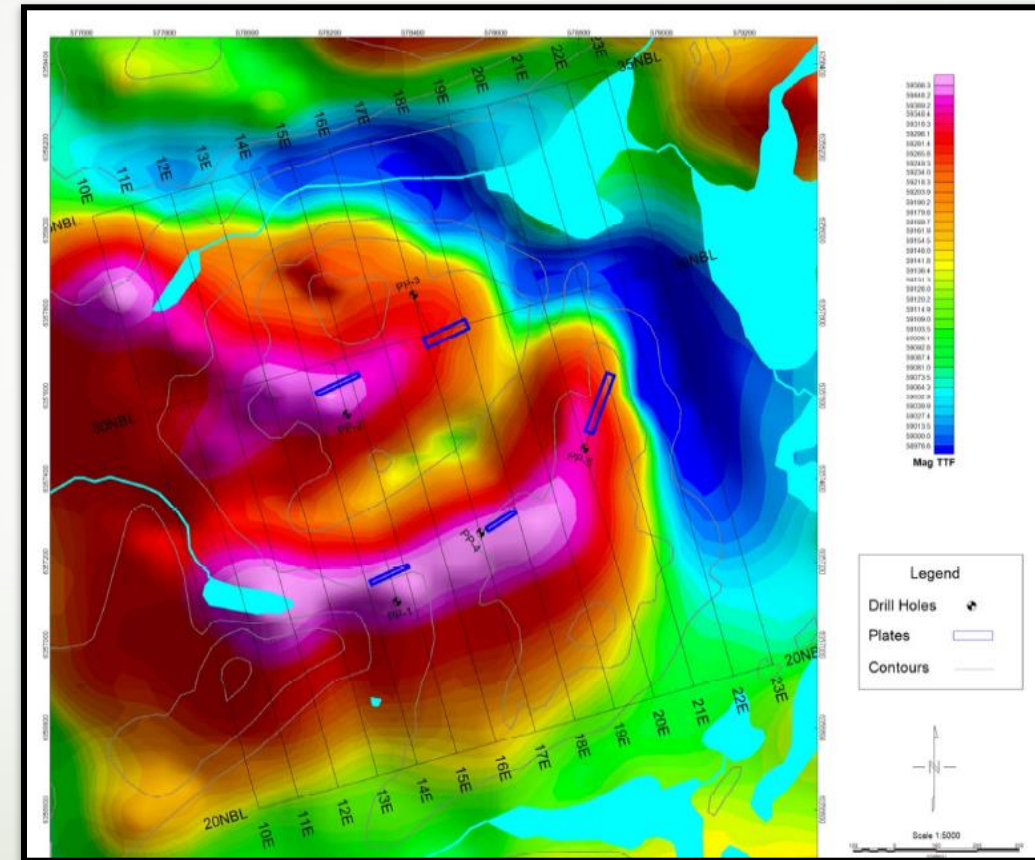
# 3D magnetics with plate models

- The modeled plates fit well with the 3D magnetics.
- Note the Geotech holes that just catch the western edge of the plate modeled by Koop.
- The Geotech hole intersected 7.1M of disseminated sulphides from 206.3 - 213.4M.



# Exploration Strategy: Find a Major Discovery

- We believe past work missed the main conductors.
- **Both drill collars were found to not be in their designed locations.**
- Sulphides were intersected at the western edge of a modeled plate.
- The project has the potential to be a major new discovery.
- Exploration Plan:
  - Airborne TDEM survey will be flown prior to drilling in order to build upon the historical data and confirm targets.
  - Proposed drilling to test the conductors: 2000m - 2500m

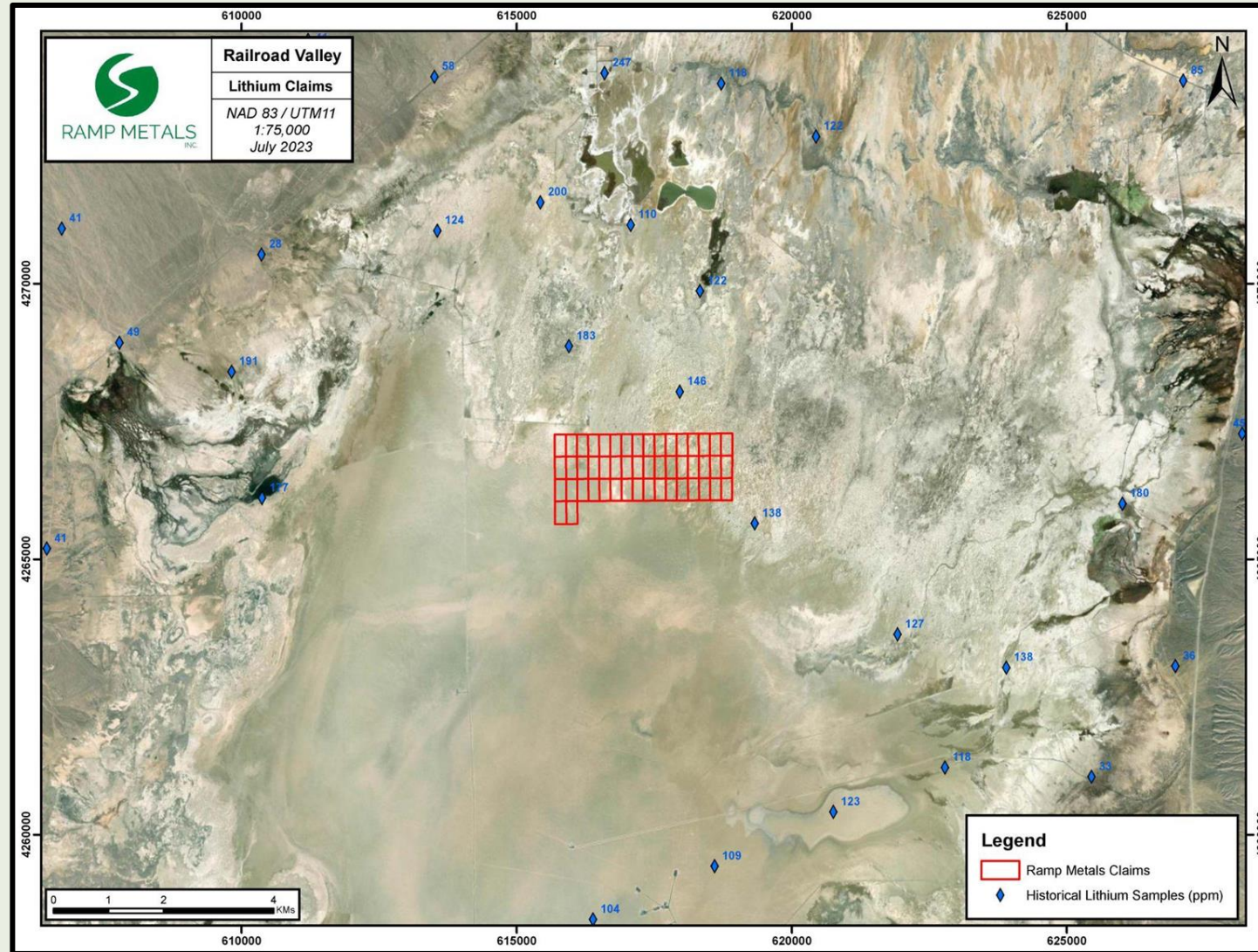


# Ramp Lithium Project Railroad Valley, NV

- Largest closed basin in Nevada
- Striking similarities to Clayton Valley, NV. – Home to America's only producing Li mine
- Neighbours in Railroad Valley include Ameriwest Lithium (AWLI.CN), and Macarthur Minerals (MMS.V)
- Easily accessible via roads



# Ramp Metals Lithium Project Claims



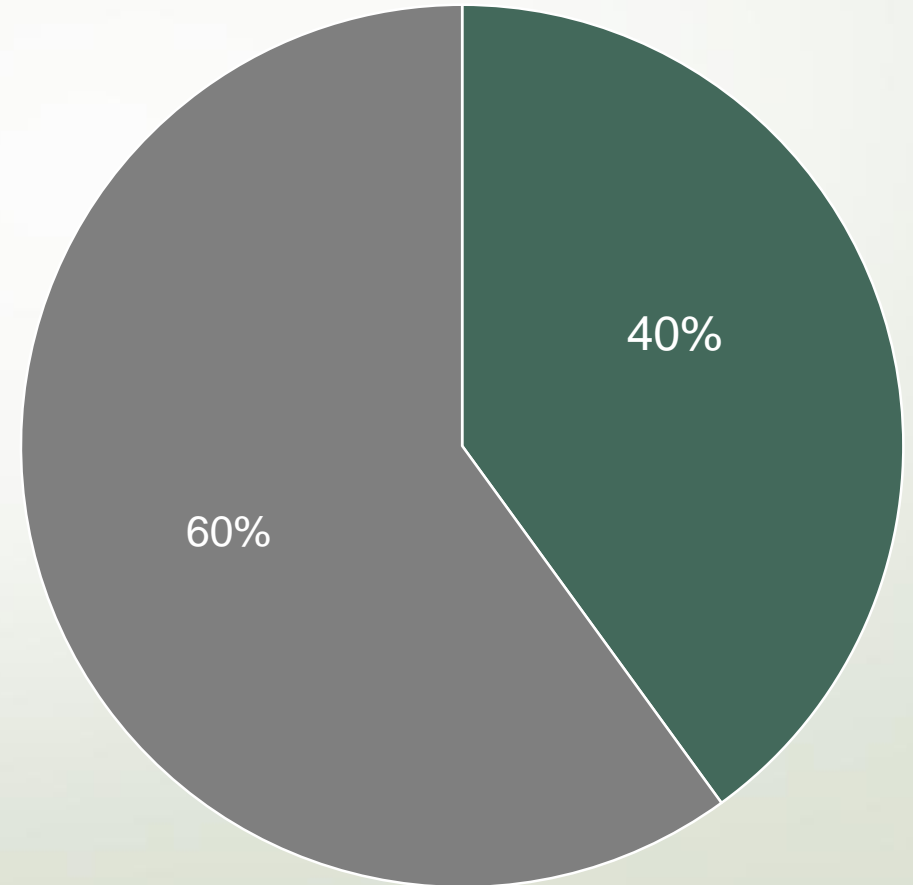
# Positive Near-Term Catalyst

- Rottenstone SW property is fully permitted for a 2000m drill program to test the high-priority conductors.
- Drilling program to commence immediately upon going public with the potential for new discovery in tier 1 jurisdiction.
- The market is hungry for new **quality nickel-copper and lithium plays**. Fathom Nickel was successful in raising \$18M and appear to be targeting the **same** system. Their recent drill intercepts along the Bay Area Conductive Corridor appear to be confirming the theory of a large, regional system. We believe the Rottenstone SW eye structure is a key feeder for the entire system, and a textbook target for Ni-Cu-PGE exploration.

# Capital Structure

## Share Structure

Ticker Symbol	RAMP (TSXV)
Shares Outstanding	32,386,305
Options (Average exercise price: \$0.20)	1,827,226
Warrants (Average exercise price: \$0.35)	3,206,119
Insider Ownership	40%+
Fully Diluted S/O	37,419,650



■ Insiders ■ Shareholders

# Board of Directors

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## **Jordan Black, P. Eng. Director**

Jordan is a Geotechnical Engineer with 12 years of consulting engineering experience. Mr. Black has been an engineer for various infrastructure, renewable energy and mining projects, providing leadership, design solutions and project management. He is currently a geotechnical consultant for WSP Canada and previously acted as the Vice President of Business Development at GoldSpot Discoveries Inc.

## **David Parker Director**

David is a team orientated management professional with more than 15 years of experience in financing, consulting and recapitalizing public and private companies in the mining, technology and media sectors. David has almost 20 years of experience in retail, office and industrial real estate sales & development. He has led projects from initial market analysis to acquisition, design, approval, site servicing, construction, and disposition.

## **Michael Romanik Director**

Michael has over 14 years of resource exploration and public market experience with an emphasis on management, promotion and corporate finance. He has built an impressive network of resource and investment industry contacts over the years and demonstrated a proven ability to utilize those relationships to advance his business objectives. Mr. Romanik has served as the President and CEO of GoldON Resources (TSXV: GLD) since 2009 and is a founding shareholder and the CEO of Silver Dollar Resources (CSE: SLV).

## **Peter Schloo, CPA, CA, CFA Director**

Peter has over 8 years of experience in capital markets, operations and assurance. He is also a licensed prospector in Ontario. He has held senior executive and director positions in a number of private companies, including VP of Corporate Development and Interim CFO of Ion Energy Ltd. and CFO of Spirit Banner Capital Corp. He is currently a director of Pacific Empire Minerals Corp. (TSXV: PEMC). His past successes include participating in over C\$85 million worth of capital raising activities for both public and private companies.

## **Prit Singh Director**

Prit is a capital markets professional and currently the CEO of Thesis Capital, an advisory firm providing high growth companies with assistance on fundraising, go public transactions on the Canadian markets and investor relations support. Throughout his career, Prit has worked with more than 50 issuers and has advised/raised in excess of C\$100 million in capital for companies in a number of different emerging sectors.



# Strategic Advisors

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## **Dr. Mark Bennett, Ph.D.** **Strategic Advisor**

Dr. Bennett is a prominent, PhD-qualified geologist with over 30 years of experience in capital raising, mineral exploration and establishing mines. He was instrumental in several discoveries, including the Wahgnion gold mine, the Thunderbox gold mine and Waterloo nickel mine, and most notably, the Nova-Bollinger nickel-copper mine in Australia for Sirius Resources (acquired for AUD\$1.8 billion in 2015). Furthermore, he was also involved in raising over \$1 billion in debt and equity financing for funding exploration and development projects and overseen mergers, demergers, acquisitions, investments and divestments.

## **Richard Murphy, P.Geo.,** **Strategic Advisor**

Mr. Murphy is a seasoned exploration entrepreneur who has deep knowledge of both the technical and capital market aspects of junior mining. With over 27 years in the mineral exploration business, Mr. Murphy has expertise in building and advancing junior mining companies through discovery, resource definition and pre-feasibility stages to establish fully-valued mine reserves. Mr. Murphy has personally brought two public companies through founding, acquisition, exploration and successful sales processes, most recently with Manitou Gold Inc., which was taken over by Alamos Gold in Q2 2023.

## **Scott McLean, P.Geo., FGC.** **Strategic Advisor**

Mr. McLean is a professional geologist with over 35 years of senior management, executive and board experience in the metals and mining industry. Between 1985 and 2007, Mr. McLean worked for Falconbridge Limited and its successor Xstrata Nickel in various capacities throughout Canada with a focus on gold and base metal exploration. In 2007, he left Xstrata Nickel and founded HTX Minerals Corp. He also founded Transition Metals Corp in 2010, SPC Nickel Corp in 2013 and Canadian Gold Miner in 2016. Mr. McLean currently leads Transition Metals and is the Executive Chairman of SPC Nickel.

## **Stephen Goodman** **Strategic Advisor**

Mr. Goodman has over 20 years of international experience in the metals and mining industry as an investment banker, senior executive and director. He has been involved with over \$1 billion in financings, and transactions involving junior companies, Rio Tinto, Freeport, Trafigura and the top ranked institutional investors. For 5 years, Mr. Goodman was the Managing Director of Investment Banking at StormHarbour Securities in New York. He previously worked at Canaccord Capital, Knight Capital, and KGS Alpha (now BMO).



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**For more information, please contact:**

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Prit Singh: [psingh@thesiscapital.ca](mailto:psingh@thesiscapital.ca)



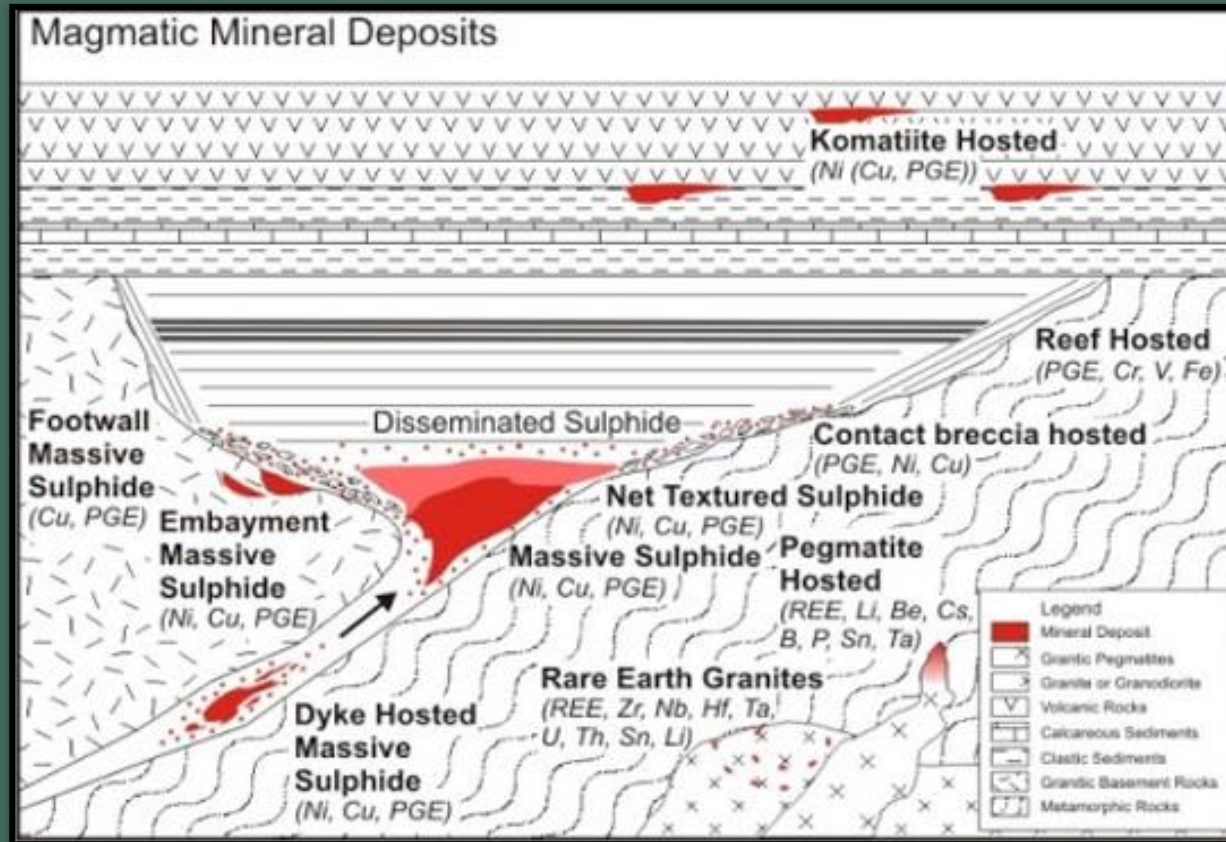
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# APPENDIX

# Magmatic Massive Sulphide Deposit Model

Idealized Cross Section

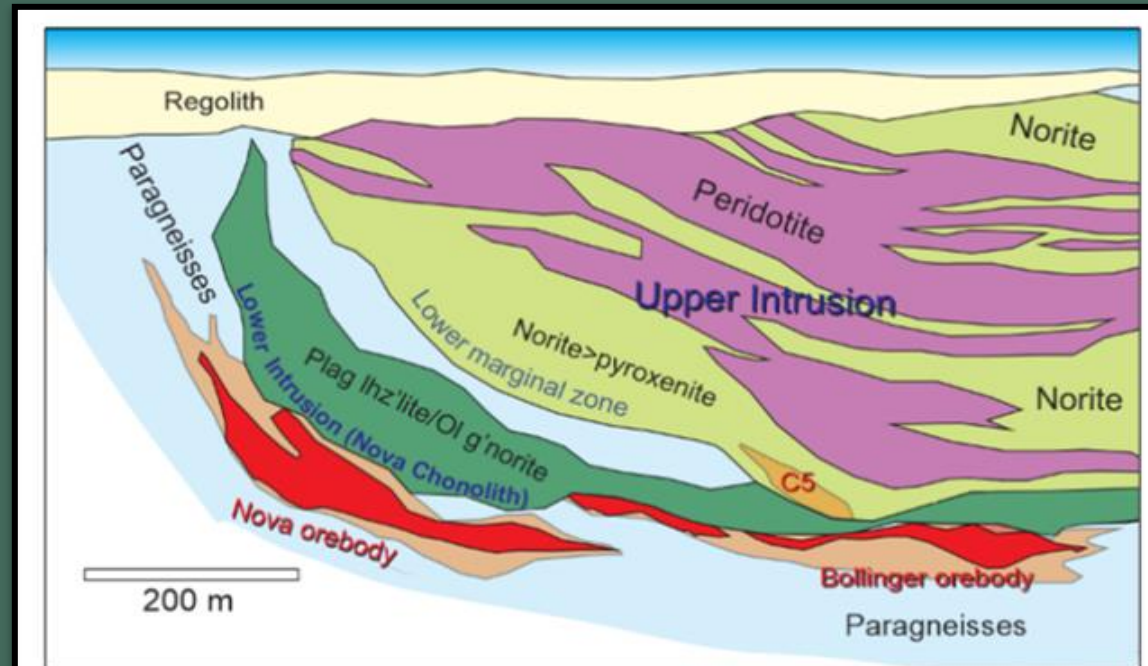
Massive sulphides pool at flanks and base of magma chamber or at the base of flows



# Deposit Model

## Real World Example

- Nova-Bollinger deposit long section (100% owned by IGO Limited)
- Pooling of sulphides along the flanks and base of the intrusion



**Figure 1. Nova-Bollinger East-West schematic long section, looking north, modified from Parker et al., 2017.**

# Clayton Valley vs. Railroad Valley

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## CLAYTON VALLEY

- Closed basin catchment area: 355,200 acres
- Playa area: 19,000 acres
- Li present in Volcanic source rocks
- Hot springs
- Evaporites known to be present
- Defined Li resources
- Home to America's only operating Li mine(Silver Peak)

## RAILROAD VALLEY

- Closed basin catchment area: 1,385,360 acres
- Playa area: 83,000 acres
- Li present in Volcanic source rocks
- Hot springs
- Evaporites known to be present
- Historical Li soil samples
- Multiple companies beginning Li exploration in the valley