



ASX Code: MGY

Investing in the Madagascar Mining Industry  
Indaba, Cape Town, February 8<sup>th</sup>, 2012

This presentation details the mineral exploration activities of Malagasy Minerals in Madagascar and results achieved to date.

But firstly;

Welcome to Her Excellency the  
Minister of Mines

And

Welcome Ladies & Gentlemen to Indaba 2012



# Disclaimer and Competent Person's statement

## Disclaimer

- This presentation is provided to you for the sole purpose of providing preliminary back ground technical, financial and other information to enable you to review the business activities of Malagasy Minerals Limited ("Malagasy"). The material provided to you does not constitute an invitation, solicitation, recommendation or an offer to purchase or subscribe for securities. The information in this presentation will be subject to completion, verification and amendment, and should not be relied upon as a complete and accurate representation of any matters that a potential investor should consider in evaluating Malagasy. This presentation may contain "forward looking statements", which are made in good faith and are believed to have reasonable basis. However, such forward looking statements are subject to risks, uncertainties and other factors, which could cause the actual results to differ materially from future results expressed, projected or implied by those statements.*

## Competent Person's Statement

- The information in this presentation that relates to MGY **Exploration Results** is based on information compiled, reviewed or prepared by **Mr. Fergus Jockel**, Exploration Manager for Malagasy Minerals Limited, who is a Member of the Australasian Institute of Mining & Metallurgy and of the Australian Institute of Geoscientists. Mr. Jockel has sufficient experience, which is relevant to the style of mineralization and type of deposits under consideration and to the activities undertaken, to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr. Jockel consents to the inclusion in this presentation of the matters based on this information, in the form and context in which they appear.*

# Introduction

- ASX-listed minerals company with high-potential portfolio in Madagascar:
  - *Pro-mining environment currently attracting investment from several majors*
  - *Malagasy Minerals as a junior explorer has raised over A\$16 million applied in developing its interests in Madagascar.*
- Drilling and exploring at key 100%-owned projects in 2011:
  - *Copper-Gold-Silver mineralisation*
  - *Magmatic sulphide Nickel-Copper-PGM*
  - *Vanadium mineralisation*
  - *Industrial minerals potential, e.g., graphite, being investigated*
  - Potential world-class Vanadium & Graphite projects leads to a significant JV partnership with Energizer Resources Inc (TSX-V:EGZ).
  - Malagasy considers itself well placed to develop new mineral opportunities in Madagascar Minerals



- Listing: *ASX (July 2008) – Ticker: MGY*
- Issued capital (Current): *156,562,504 shares*
- Current Market Cap (@ 4.7c): *\$7.4 million*

## Board and Management

- Max Cozijn *Chairman*
- Guy LeClezio *Non-Executive Director*
- Peter Woods *Non-Executive Director*
- Fergus Jockel *Exploration Manager*



# Madagascar: New Era of Resource Development

## Petroleum:

- *US\$4.0B Bemolanga Tar Sands (Total) – start up planned for 2018, with a 30 year mine life.*

## Nickel:

- *\$US3.0B Ambatovy Nickel-Cobalt project (Sherritt) – starting production 2012 – 60,000tpa Ni & 5,600tpa Co.*

## Mineral Sands:

- *US\$1.5B Fort Dauphin HM Project - Rio Tinto – in production since 2009.*
- *Toliara Sands --\$150 million development –drilled up awaiting final approval.*

## Coal:

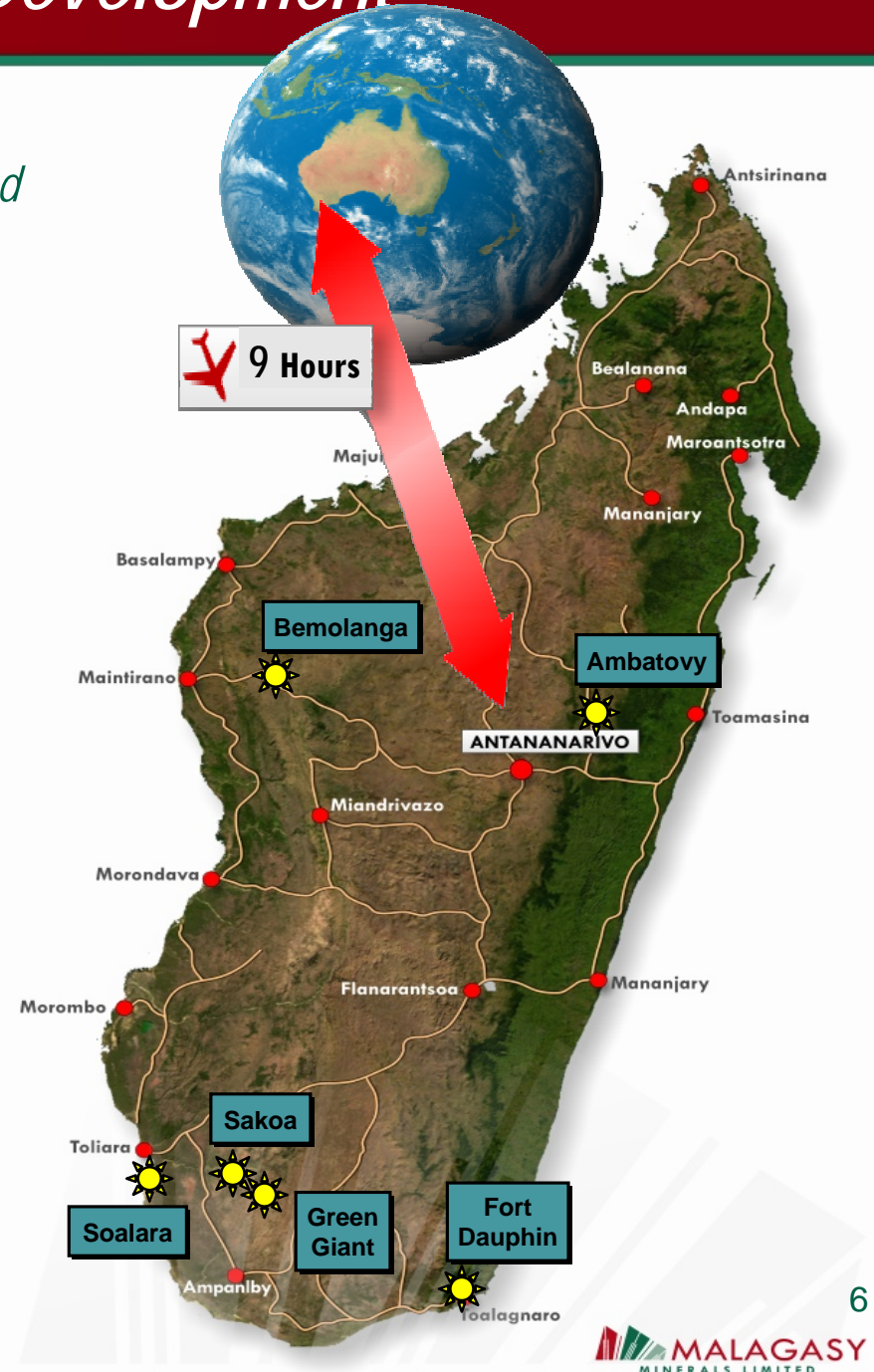
- *Sakoa Coal Project (PTT-Asia & ATM) – 60,000m drilling completed – up to 1.0Bt resource*

## Vanadium:

- *Energizer's Green Giant Project – NI43-101 (Jan 2011)  
Resource: 59.2 Mt @ 0.683% V<sub>2</sub>O<sub>5</sub> (Indicated & Inferred )*

## Infrastructure:

- *Soalara Port Facility - plus planned rail link south of Toliara*
- *10,000km of roads and rail repaired, telephony and fibre optic network upgrades underway*



# MGY: A Strategic Minerals Portfolio

## Mineral Assets:

### Fotadrevo

- *Vanadium (Oxide)*

### Vohibory

- *Copper-Gold-Silver (Oxide & Sulphide)*

### Ampanihy

- *Nickel-Copper-PGM (Sulphide)*
- *Industrial Minerals, e.g. Graphite*

## Strategic Assets: (A\$600Kpa revenue)

- *Royalty stream from Labradorite quarrying operations*
- *Head Office & support base in Antananarivo generates rental income from 3<sup>rd</sup> Parties*



# Key Projects

## Fotadrevo:

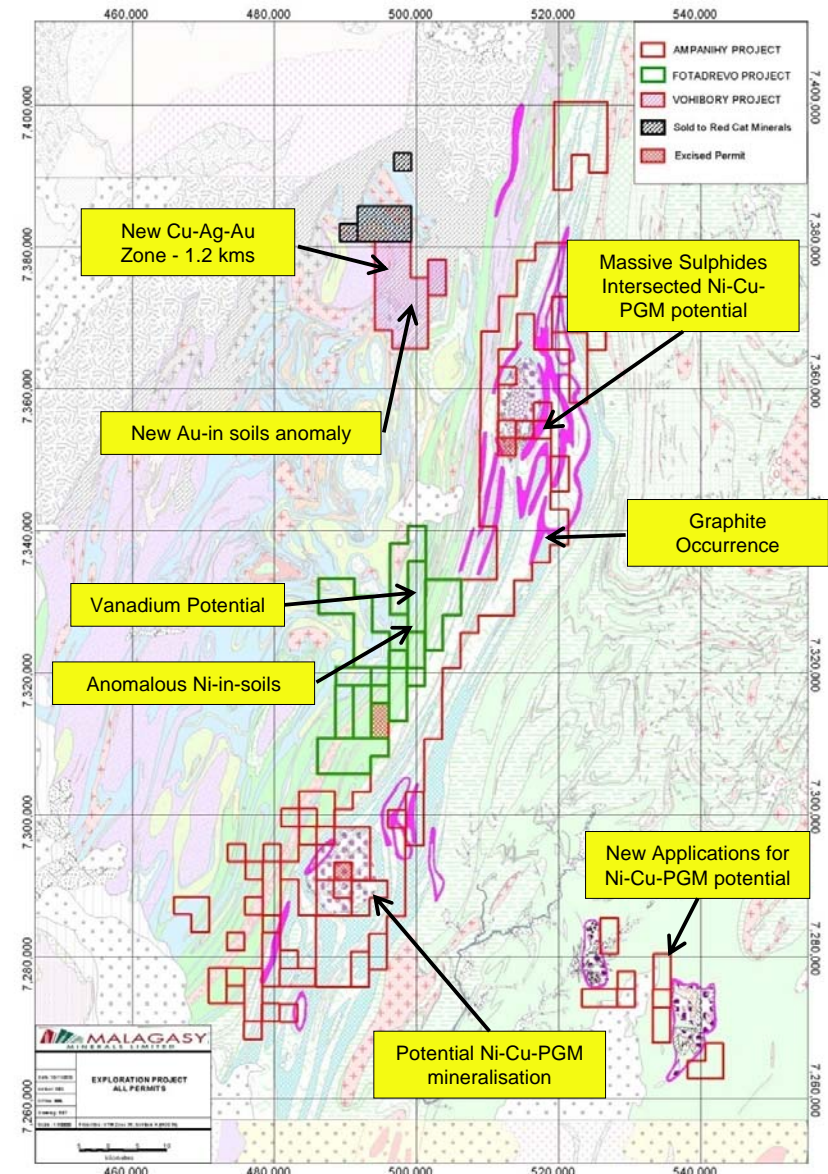
- *Potential large-scale vanadium project*
- *Adjacent/contiguous along strike from (NI43-101) resource: 59.2 MT @ 0.683% V<sub>2</sub>O<sub>5</sub> (Indicated & Inferred) – metallurgical testing: 82% metal recovery (Energizer Resources Inc)*
- *2011: Soil sampling indicates 10km vanadium anomalous zone confirmed within MGY tenements.*
- *2011: Highly anomalous Ni-in-soil values up to 2,000ppm.*
- *2011: Energizer Resources Inc completes JV with Malagasy due to its vanadium & graphite potential.*

## Vohibory:

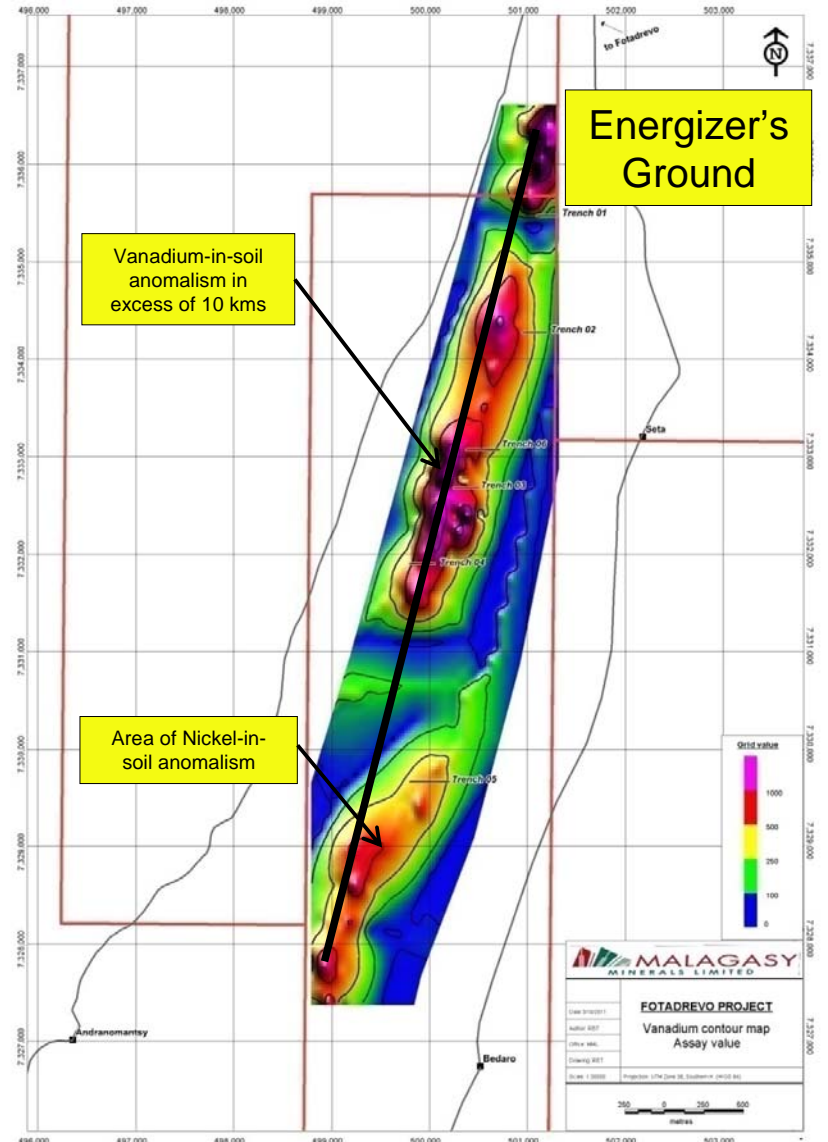
- *Pegmatite-hosted copper-silver-gold prospects.*
- *Oxide Cu-Ag mineralisation in Karoo sediments*
- *2009-2011: Strong surface copper-silver-gold, with surface samples up to 28% Cu, 206g/t Ag & 8.3g/t Au.*
- *2010/11: New 1.2km Au-Ag-Cu zone identified: up to 8.3g/t Au; 23.5g/t Ag & 9.3% Cu*
- *2011: Drill testing of new zones of mineralisation completed.*

## Ampanihy:

- *2010 Drilling: Massive sulphides intersected in drilling at Ianapera Sector*
- *2011: Other areas now under evaluation.*
- *2011: Significant graphite potential*



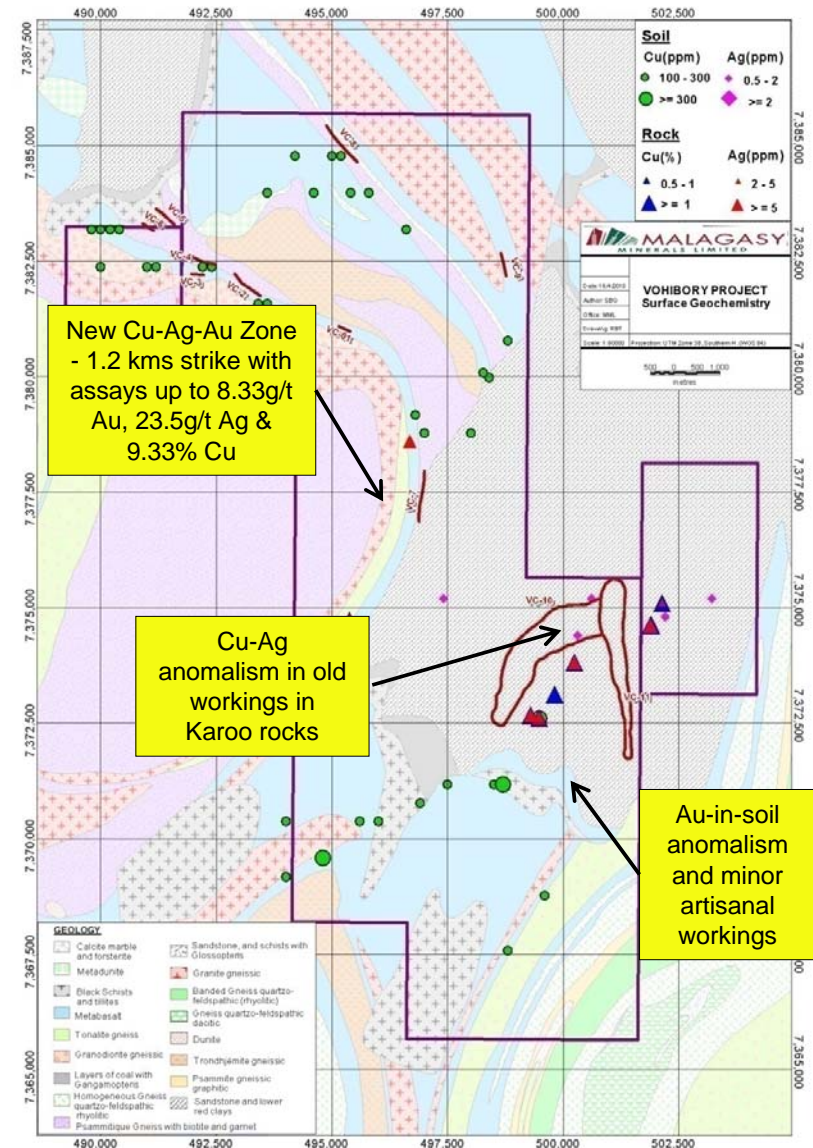
- Targeting large-scale Vanadium Oxide ( $V_2O_5$ ) Mineralisation – EGZ JV
  - *Immediately along strike from Energizer's advanced 'Green Giant' vanadium project.*
  - *2011: (EGZ) NI43-101 Resource 59.2Mt @ 0.683%  $V_2O_5$  – 82% metallurgical recovery*
- **2011:** Soil geochemical sampling covering 10 kms of strike with assays up to:
  - *6244ppm (~0.62%) Vanadium*
  - *2096ppm Nickel*
- **Immediate trenching & drilling targets**
- **JV completed with EGZ for Industrial Minerals and vanadium over 40% of our ground.** MGY retains rights to all other minerals & free carried to 25% BFS



## Copper-Silver-Gold Potential

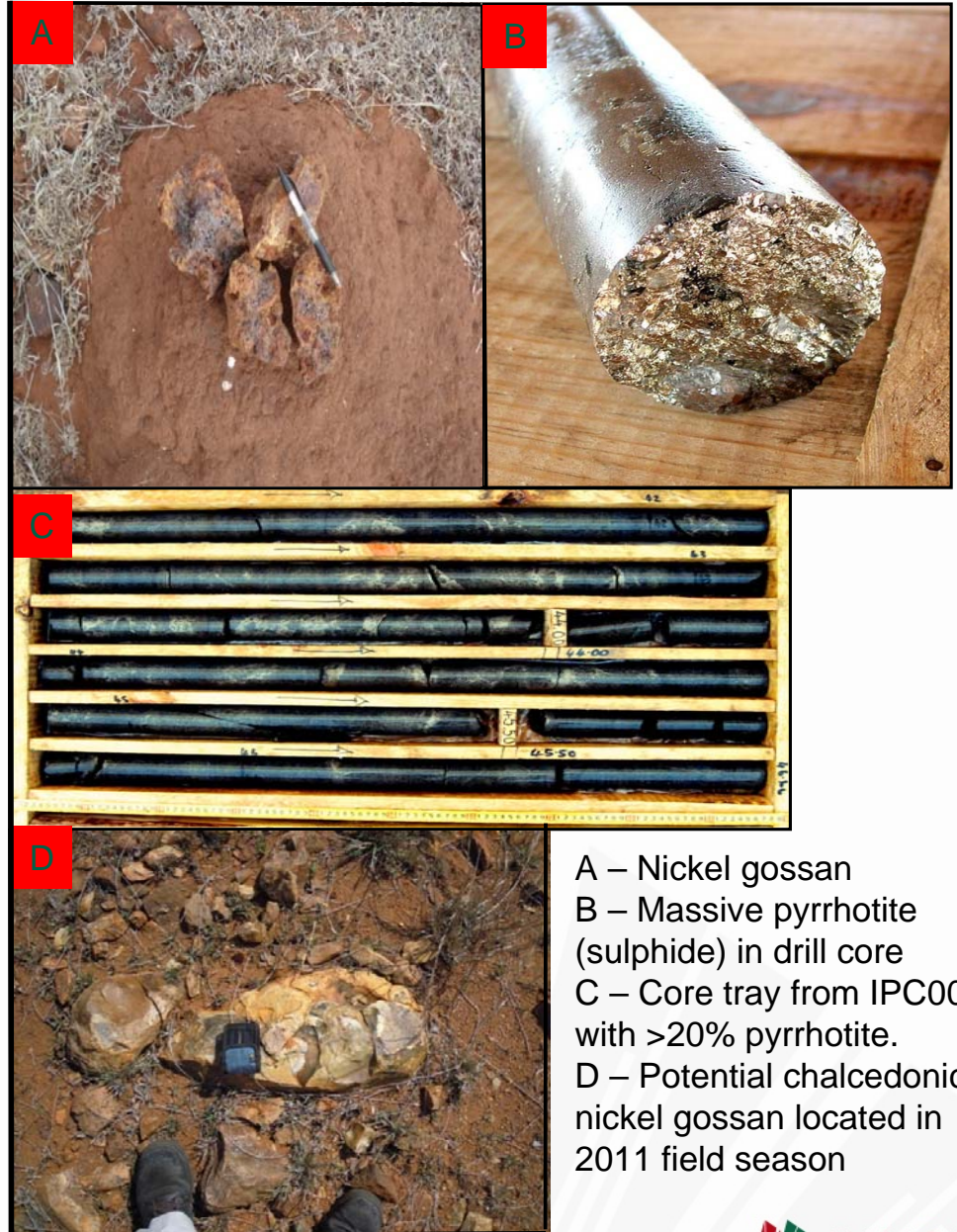
- New 1.2km Au-Ag-Cu zone in felsic-mafic contact zone adjacent to pegmatite:
  - *8.33g/t Au; 23.5g/t Ag; 9.33% Cu* in Historical Workings
- New Au-in-soil anomalous zone with nearby minor artisanal activity in underlying schists
- Cu-Ag anomalism in Karoo-aged sediments
- Drilling: commenced May 2011 & continued through to the end of field season (Dec)

\* Assay results pending



## Ni-Cu-PGM Potential

- Large system with potential for Nickel-Copper-PGM deposits
  - *Multiple anorthosite bodies associated with mafic-ultramafic ('U-M') greenstone sequences*
  - *50km major regional suture zone – exploration underway*
- **2010:** *lanapera* massive sulphide gossans
  - *Massive and Disseminated sulphides (pyrrhotite & lesser pyrite) intersected in drilling*
  - *Additional areas identified at Maniry to the south.*
  - *New ground applied for (Manambahy & Volovolo)*
- **2011:** Testing other U-M targets for Ni-Cu
  - *Knowledge gained from 2010 drilling*
  - *Surface geochemistry (Soil/Stream Sediment)*
  - *Re-evaluating all remote sensing data has led to potential new Ni zones at lanapera.*
  - *Semi-massive graphite discovered*



# Summary & Outlook – 2011/2012

- 100%-ownership of 3 exciting mineral projects
- Pipeline of targets generated during 2010 and 2011 field season
- Active 2011 field season completed
- Major Vanadium targets identified along strike from defined  $V_2O_5$  resources at Fotadrevo
- JV with Energizer highlights value of potential Vanadium & Graphite projects
- New 1.2km Au-Ag-Cu zone identified at Vohibory
- Testing additional ultramafic zones after drilling massive sulphides in 2010 at Ampanihy (Ilanapera)
- Continuing 3<sup>rd</sup> party Rental and Labradorite royalty income – local operational overheads covered

# Summary of Investing in Madagascar

- Mineral potential already demonstrated with large projects underway— e.g., Rio & Sherritt.
- Potential for a wide range of mineral commodities – Nickel, Mineral Sands, Uranium, Rare Earth Elements (REEs), Copper, Gold, Vanadium, Coal, Industrial Minerals & Gems.
- Madagascar still remains largely unexplored, which heightens mineral potential.
- Good quality geological base maps.
- Government's willingness to attract mining investment.
- Educated workforce
- Extensive infrastructure improvements in progress.
- Companies must be willing to invest in people & community



# Thank You

