Base and Precious Metal Focus

- Growing Portfolio of Exploration Assets
- Drill-ready targets through to conceptual green-field plays
- Currently drilling at Menninnie Dam
- Actively seeking new advanced stage project
- Strong Financial Position (~$5.4M cash - Sept 2014)

Two strong commodities - Nickel & Zinc
2014 Highlights

**Musgrave**
- Drilling intersected massive & disseminated nickel sulphide at Pallatu
- Identified new Ni & Zn targets at Mimili & Ni-Cu targets at Pallatu
- New regional target areas identified
- Improvements in access to new areas

**Menninnie Dam JV**
- Drilling intersected;
  - High grade silver at Frakes (10m@990g/t Ag)
  - Lead & zinc mineralisation at Spare Rib
- New targets identified from surface geochemistry, gravity and mapping
- RC/Diamond drilling program currently underway at Erebus and Mallee

**Project Generation**
- New Mamba (Ni-Cu) & Corunna (Ag-Pb-Zn) projects generated
- Reviewed >70 new projects/companies
Southern Gawler Project

- Menninnie Dam
- Toondulya Bluff
- Corunna
- Carrapeteena
- Paris
- Streaky Bay
- Tunkilla
- Mt Gunson
- Kimba
- Whyalla
- Port Augusta

- Menninnie: 7.7Mt @ 3.1% Zn, 2.6% Pb, 27g/t Ag
- >20Moz Ag
Menninnie Project Location
Silver-Lead-Zinc

ASX: MGV
New Erebus and Mallee Targets ~ 5km SW of Menninnie Central

Limited previous basement drilling in the south

Erebus carbonate replacement target - Ag-Pb-Zn

Mallee skarn & deeper porphyry target Zn-Pb & Cu-Au

Currently drilling ~1500m RC/diamond

Results expected in late January
Erebus & Mallee Targets

currently drilling

- Erebus (Ag-Zn-Pb)
  - folded/faulted BIF & marble
  - co-incident IP chargeability & gravity high, with anomalous Ag, Au & Cu in soils

- Mallee (Zn-Pb & Cu-Au)
  - co-incident magnetic, gravity & IP responses, with anomalous Cu, Pb, Zn, Sb & Au in soils

Magnetic Image with Erebus and Mallee Target Areas
Porphyry/ Epithermal System
New Corunna Project
(100% MGV)

- Competitive ballot – 100% MGV
- Limited base metal exploration in last decade
- Large untested Ag-Pb anomalies
- Evidence of epithermal breccia's and veining in outcrop

ASX: MGV
Corunna Project
Silver Geochemistry

- Large Ag-Pb geochemical targets coincident with major faults
- Historic rock chip up to 148g/t Ag & 0.5% Pb
- Aircore drilling planned for 2015

2012 Ag soil sample results
MGV is seeking a JV partner.
Prospective corridor of Giles mafic intrusive rocks identified over 20km

Limited drilling to date intersects sulphides in Giles intrusive rocks

In-house Ground EM survey cost effective exploration

>20km of Untested Contact
Pallatu Deering Hills Project

Massive, matrix and disseminated nickel sulphide intersected

Analogous Setting to Huge World Class Deposits Nova, Voisey’s Bay, Kabanga, Raglan etc.
Mimili Targets

- Several coincident VTEM, magnetic & geochem targets
- New targets identified at Roslin and Zarek
- In-house Ground EM used to screen targets
- Good working relationship with indigenous people
Zarek & Roslin Targets

- 0.42% Ni, 0.1% Cu
- 0.23% Zn, 0.1% Cu

- Gossanous samples identified at Roslin & Zarek
- Roslin – Zn & Cu target
- Zarek – Ni & Cu target
Musgrave Project
Regional Targets

- Under-explored
- Regional targets identified in gravity and magnetic data
- Very large land holding
- Partnering Opportunity

Regional gravity image with interpreted major structures

ASX: MGV
Fraser Range
Mamba Project in WA

- Along strike from Sirius’ Nova-Bollinger deposits
- Fraser Range also hosts the Tropicana gold Deposit
- 180km² Area
- No significant previous exploration
- 12 high priority Ni-Cu targets identified from detailed aeromagnetic survey
- Aircore and ground EM follow-up in 2015

ASX: MGV

Nova-Bollinger
14.6mt @ 2.2% Ni, 0.9% Cu & 0.08% Co
(Sirius Resources Ltd)
## Upcoming Exploration

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*Looking for new advanced projects*
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MGV Exploration

Currently Drilling At Menninnie Dam