



**Middle Island**  
RESOURCES LIMITED

**Middle Island Resources Ltd**  
ACN 142 361 608

**ASX code: MDI**

**[www.middleisland.com.au](http://www.middleisland.com.au)**

**Investment Highlights:**

- Australian and ASX listed gold exploration company focused on West Africa
- 100% of Reo Project in Burkina Faso – 1,166km<sup>2</sup> straddling junction of the Boromo & Houndé greenstone belts.
- Earning between 70% and 100% in the Sirba Project in Niger, representing 1,936km<sup>2</sup> of lightly explored Birimian greenstones.
- 100% interest in five permits and earning 75% in a sixth, collectively comprising the 3,005km<sup>2</sup> Nuon River Project in Liberia, the new gold frontier of West Africa.

**Capital Structure:**

125 million ordinary shares  
18.5 million unlisted options

**Cash**

\$8.93m as at 31 December 2013

**Directors & Management:**

**Peter Thomas**

Chairman

**Rick Yeates**

Managing Director

**Beau Nicholls**

Technical Director

**Linton Kirk**

Non-Executive Director

**Andrew Chubb**

Exploration Manager – West Africa

**Dennis Wilkins**

Company Secretary

**Contact:**

Rick Yeates

Mob: +61(0)401 694 313

[rick@middleisland.com.au](mailto:rick@middleisland.com.au)

Middle Island Resources Limited  
ACN 142 361 608

Unit 2, 2 Richardson Street  
West Perth WA 6005  
PO Box 1017  
West Perth WA 6872  
Tel +61 (08) 9322 1430  
Fax +61 (08) 9322 1474  
[info@middleisland.com.au](mailto:info@middleisland.com.au)  
[www.middleisland.com.au](http://www.middleisland.com.au)

## ASX Release – 31 January 2013

### High grade gold intercepts at K4/K5 Prospect within Reo Project, Burkina Faso

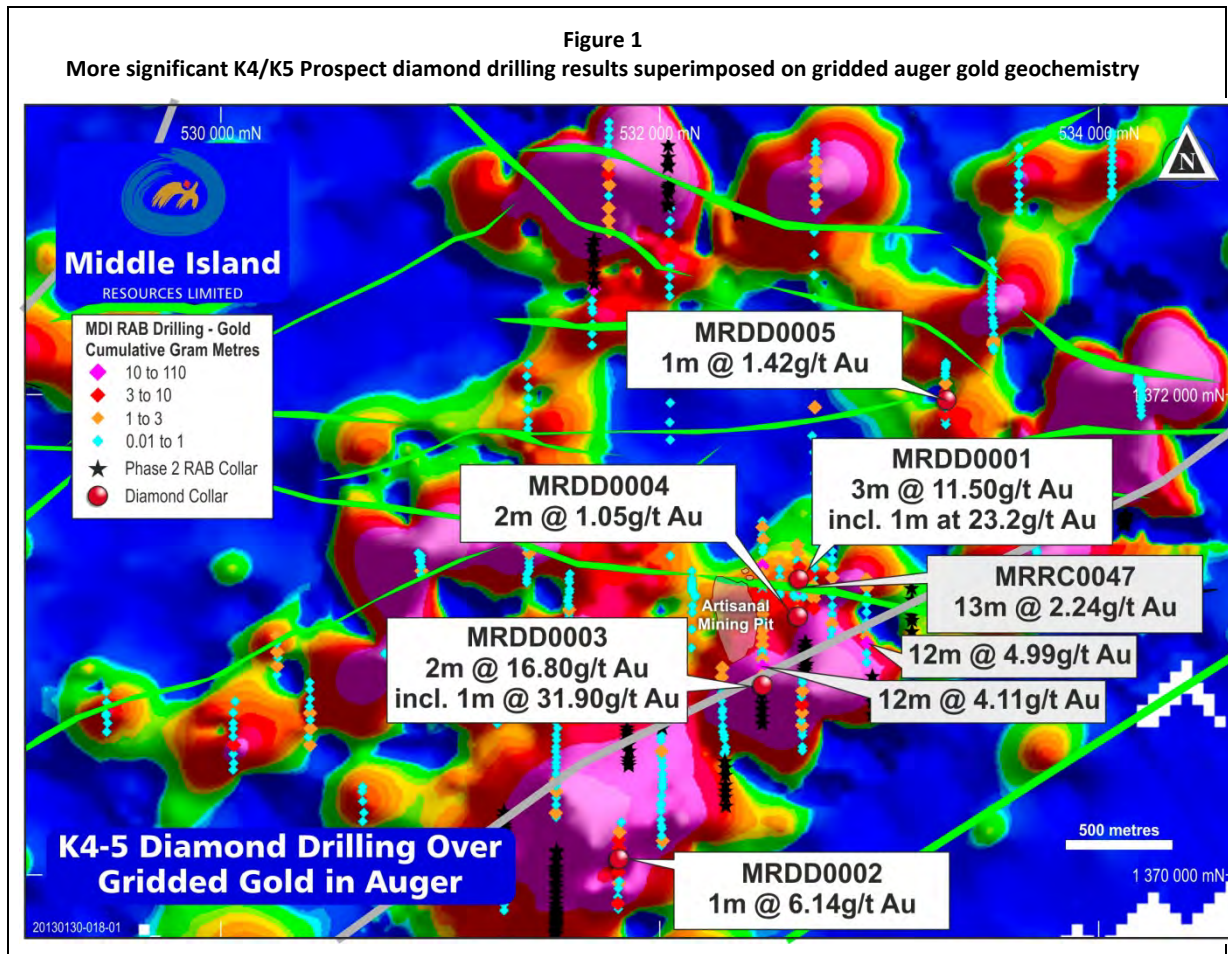
- Further high grade gold results returned from new diamond drilling at the K4/K5 Prospect at the Reo Project in Burkina Faso.
- Significant intercepts include **3m at 11.52g/t (incl. 1m at 31.9g/t) and 3m at 11.45g/t (incl. 1m at 23.2g/t) Au.**
- The five diamond holes were drilled to assess the geology, structure, alteration and metallurgy associated with four separate mineralised zones comprising the composite K4/K5 target, prior to infill RAB and RC drilling.
- The focus of mineralisation appears to comprise a major northeast trending shear zone, which dips to the southeast, lying along the south-eastern margin of the K4/K5 anomaly.
- Although in some instances holes were drilled over 1km apart, all demonstrate intense alteration, which appears to be distinctively zoned.
- A representative selection of oxide and primary coarse rejects from the diamond drilling are being composited for preliminary metallurgical testing, prior to planned reverse circulation (RC) drilling at K4/K5.
- Infill rotary air blast (RAB) drilling of the K4/K5 target (156 holes; 4,916m) has also recently been completed and initial assays are being received and compiled.

**K4/K5 Prospect - Reo Gold Project – Burkina Faso (West Africa)**

Diamond Drilling

Further encouraging high grade results have been returned from a 5-hole (723.5m) oriented, diamond drilling program at the K4/K5 Prospect (Figure 1).

More significant intercepts comprise **3m at 11.52g/t (incl. 1m at 31.9g/t) and 3m at 11.45g/t (incl. 1m at 23.2g/t) Au**, as shown in Table 1.



More significant intercepts comprise **3m at 11.52g/t (incl. 1m at 31.9g/t) and 3m at 11.45g/t (incl. 1m at 23.2g/t) Au**, as shown in Table 1.

**Table 1**  
**K4/K5 Prospect - Significant Diamond Drilling Results**

Hole_ID	East	North	RL	From	To	Width	Au g/t	
MRDD0001	532635	1371340	277	10	11	1	0.66	HQ
MRDD0001				18	22	4	0.81	HQ
			Including	18	19	1	2.16	
MRDD0001				26	37	11	0.82	HQ
MRDD0001				48	51	3	11.5	HQ
			Including	48	49	1	23.2	
MRDD0001				58	59	1	1.10	HQ
MRDD0002	531815	1370069	299	33	34	1	0.50	HQ
MRDD0002				35	37	2	0.59	HQ
MRDD0002				43	51	8	0.78	HQ
MRDD0002				66	68	2	0.98	HQ
MRDD0002				76	77	1	0.58	HQ
MRDD0002				79	80	1	0.52	HQ
MRDD0002				83	84	1	0.98	HQ
MRDD0002				126	129	3	2.39	NQ
			Including	126	127	1	6.14	
MRDD0003	532469	1370858	288	55	56	1	3.37	HQ
MRDD0003				66	68	2	3.05	HQ
			Including	66	67	1	5.41	
MRDD0003				149	150	1	3.03	NQ
MRDD0003				160	163	3	11.5	NQ
			Including	161	162	1	31.9	
MRDD0004	532630	1371172	282	41	43	2	1.05	HQ
MRDD0004				90	91	1	0.51	HQ
MRDD0004				105	106	1	0.84	NQ
MRDD0004				118	119	1	0.64	NQ
MRDD0005	533306	1372160	281	114	115	1	0.65	NQ
MRDD0005				131	132	1	0.67	NQ
MRDD0005				148	149	1	1.42	NQ

NOTES: Calculated using Micromine software at a 0.5g/t Au cut-off, with included intervals calculated at a 5g/t Au cutoff.

The diamond drilling program was not designed to establish grade, but rather to assess the geology, structure, alteration and metallurgy associated with four separate mineralised zones that comprise the 7km diameter, composite K4/K5 target, prior to commencing more expansive RC drilling.

The focus of mineralisation appears to comprise a major northeast trending shear zone that dips to the southeast and lies along the south-eastern margin of the K4/K5 anomaly. This shear zone is consistent with a coincident gold-arsenic-potassium geochemical anomaly, identified in previous auger drilling. Other mineralised zones appear to be associated with more brittle, broadly east-west trending, splay structures that diverge from the primary shear zone.

Although some of the diamond holes are up to 1km apart, all demonstrate intense alteration, which appears to be distinctively zoned. A core zone of silica-pyrite alteration, associated with the axis of shearing, progressively gives way to sericite, chlorite and ultimately carbonate-dominated assemblages towards the periphery of the target.

#### Metallurgy

A representative selection of oxide and primary coarse rejects generated from the diamond core is being composited for preliminary metallurgical testing, involving 72 hour bottle roll cyanidation tests. While the metallurgy appears to be benign, the Company is keen to confirm this prior to commencing more expensive RC drilling at K4/K5 during the June quarter.

#### RAB Drilling

A program of infill RAB drilling (156 holes; 4,916m) has also recently been completed at the K4/K5 target and initial assays are being progressively received and compiled. Results from this program will dictate the quantity and extent of RC drilling at the K4/K5 Prospect, planned to commence in the June quarter.

#### COMPANY CONTACTS:

Rick Yeates – Managing Director +61 (0)401 694 313

Kate Manning – Administration Manager +61 (0)418 883 959

#### MEDIA CONTACT:

Kevin Skinner Field Public Relations +61 (0)8 8234 9555 / +61 (0)414 822 631

#### WEBSITE:

[www.middleisland.com.au](http://www.middleisland.com.au)

#### **Competent Person's Statement**

Information in this report relates to exploration results or mineral resources that are based on information compiled by Mr Rick Yeates (Member of the Australasian Institute of Mining and Metallurgy) and Mr Beau Nicholls (Member of Australian Institute of Geoscientists). Mr Yeates and Mr Nicholls have sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activities undertaken to qualify as Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Yeates and Mr Nicholls consent to the inclusion in the release of the statements based on their information in the form and context in which they appear.

*Please note with regard to exploration targets, the potential quantity and grade is conceptual in nature, that there has been insufficient exploration to define a Mineral Resource and that it is uncertain if further exploration will result in the determination of a Mineral Resource.*

#### **Forward Looking Statements**

Certain statements made during or in connection with this communication, including, without limitation, those concerning the economic outlook for the mining industry, expectations regarding gold prices, exploration costs and other operating results, growth prospects and the outlook of Middle Island's operations contain or comprise certain forward looking statements regarding Middle Island's exploration operations, economic performance and financial condition. Although Middle Island believes that the expectations reflected in such forward-looking statements are reasonable, no assurance can be given that such expectations will prove to have been correct.

Accordingly, results could differ materially from those set out in the forward looking statements as a result of, among other factors, changes in economic and market conditions, success of business and operating initiatives, changes that could result from future acquisitions of new exploration properties, the risks and hazards inherent in the mining business (including industrial accidents, environmental hazards or geologically related conditions), changes in the regulatory environment and other government actions, risks inherent in the ownership, exploration and operation of or investment in mining properties in foreign countries, fluctuations in gold prices and exchange rates and business and operations risks management, as well as generally those additional factors set forth in our periodic filings with ASX. Middle Island undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events.