



## Ramelius Resources Limited

ACN 001 717 540

140 Greenhill Road, Unley SA 5061  
GPO Box 1373, Adelaide SA 5001  
DX 52003, Unley  
Telephone (08) 8373 6473 / (08) 8373 5588  
Facsimile (08) 8373 5917

### ASX RELEASE

#### For Immediate Release

6<sup>th</sup> April 2005

General Manager  
The Company Announcements Office  
Australian Stock Exchange Limited  
PO Box H224  
Australia Square  
Sydney NSW 1215

Dear Sir/Madam,

### MAGMATIC NICKEL SULPHIDES INTERSECTED AT HILDITCH

#### HIGHLIGHTS

- Latest drilling results at Hilditch considered very encouraging with **magmatic disseminated nickel sulphides** intersected in Hole HRC041 between 74 and 76 metres returning **2 metres at 1.1% nickel and 0.08% copper** including **1 metre at 1.3% nickel and 0.1% copper from 74 metres** at the interpreted basal contact of a moderate to high magnesium ultramafic sequence. The magmatic disseminated nickel sulphide zone remains open along strike and at depth.
- Drilling results have increased the prospectivity of the Company's New Wattle Dam Prospect which lies on what is now considered to be a fertile nickel belt.

#### OUTLOOK

- Additional RC drilling is planned immediately to the north of Hole HRC041 as soon as a rig is available. The rig will also be used to ream out previous drill holes to equip them for down hole electromagnetic (EM) surveying where difficult ground conditions previously prevented this activity.

#### ANNOUNCEMENT DETAILS

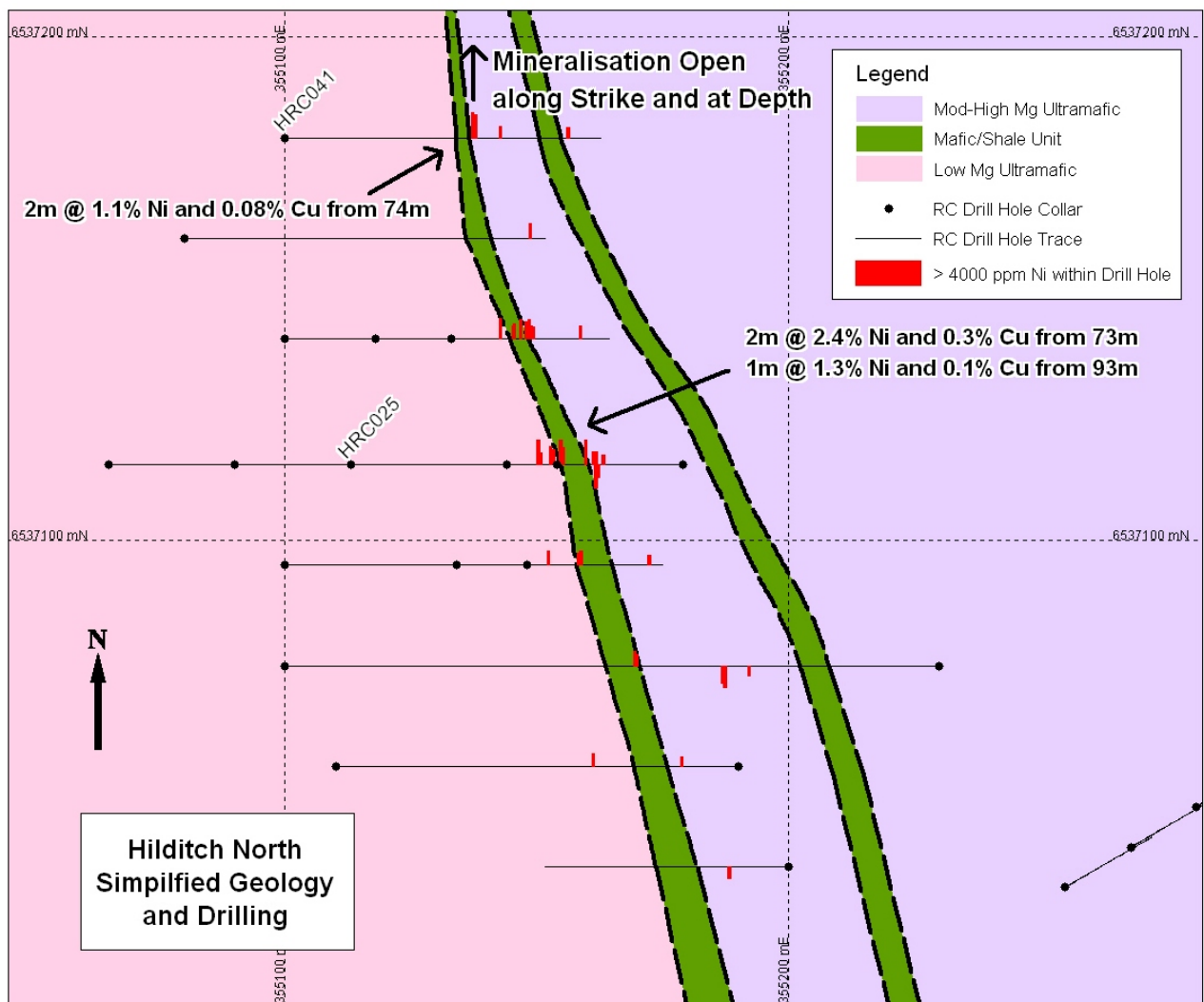
Ramelius Resources Limited (ASX code : "RMS") is pleased to announce that analytical results for the February 2005 RC drilling program at Hilditch have now been returned and following is a summary of results.

Further encouraging results have been received from the Hilditch North Nickel Prospect where RC drilling has intercepted magmatic disseminated nickel sulphides over 2 metres, within Hole HRC041, which returned **2 metres at 1.1% nickel and 0.08% copper from 74 metres** including **1 metre at 1.3% nickel and 0.1% copper from 74 metres**. The magmatic nickel sulphides were intersected at the interpreted basal contact of a moderate to high magnesium ultramafic sequence.

It is very encouraging to note that the magmatic nickel sulphide mineralisation is located approximately 65 metres to the north of the now interpreted remobilised massive nickel sulphides within HRC025, (**2 metres at 2.4% nickel and 0.3 % copper from 73 metres**, including **1 metre at 3.9% nickel and 0.5% copper**). The magmatic nickel sulphide mineralisation remains open along strike and at depth.

The Company now intends, as a matter of urgency, to carry out further RC drilling to the north of HRC041 in order to extend and better define the identified magmatic nickel sulphide zone. In addition to the drilling, selective recent and planned RC holes will be completed with down hole electromagnetic surveys which will aid in future drill targeting.

It should also be noted that Ramelius is scheduling a deep RC drill test of a strongly anomalous electromagnetic conductor, inferred to lie within ultramafic rocks approximately 500 metres west of the Central Zone drilling.



## **TECHNICAL SUMMARY**

The February 2005 drill program comprised a total of 15 holes for 2792 metres of RC drilling targeting below and along strike of the interpreted remobilised massive nickel sulphides intersected in hole HRC025 in the December 2004 drilling program at the Hilditch North Nickel Prospect and within an area of nickel gossans and shallow RC drilling, (Hilditch Central), approximately 1.5 kilometres further to the south.

### **Hilditch North Prospect**

The drill program comprising 11 holes for 2206 metres of RC drilling was designed to target below and along strike of the interpreted remobilised massive nickel sulphides intersected in December 2004 in hole HRC025. (**2 metres at 2.4% nickel and 0.3% copper from 73 metres including 1 metre at 3.9% nickel and 0.5% copper from 74 metres**).

Drilling intersected magmatic disseminated nickel sulphides grading **1.1% nickel and 0.08% copper over 2 metres from 74 metres** including **1 metre at 1.3% nickel and 0.1% copper from 74 metres** in drill hole HRC041, (the northern most hole drilled within the area to date), approximately 65 metres to the north of the massive nickel sulphides within HRC025.

The magmatic nickel sulphides within HRC041 occur at the interpreted basal contact of a moderate to high magnesium ultramafic sequence in contact with a sedimentary unit.

Results from a petrological investigation of the mineralised interval confirm the magmatic origin for the nickel sulphides, identifying a lower transitional zone sulphide assemblage comprising pyrite - pyrrhotite - pentlandite - violarite. The magmatic disseminated nickel sulphides within HRC041 remain open along strike and at depth.

Further drilling to the north of HRC041 is planned and will be completed once a suitable rig becomes available. Down hole EM surveys will also be completed on selective recent and planned drill holes in order to aid future drill targeting of the nickel sulphide zone.

### **Hilditch Central Prospect**

The drill program comprising 4 holes for 586 metres of RC drilling was designed to target below and along strike of anomalous gossans and geochemical anomalous intersections within the weathering profile identified by previous RC drilling, including HRC035 - 8 metres at 0.4% nickel from 9 metres.

Drilling returned a maximum intersection within HRC044 of 2 metres at 0.41% nickel from 148 metres within ultramafic rocks.

**All drilling details and summary results are tabulated below.**

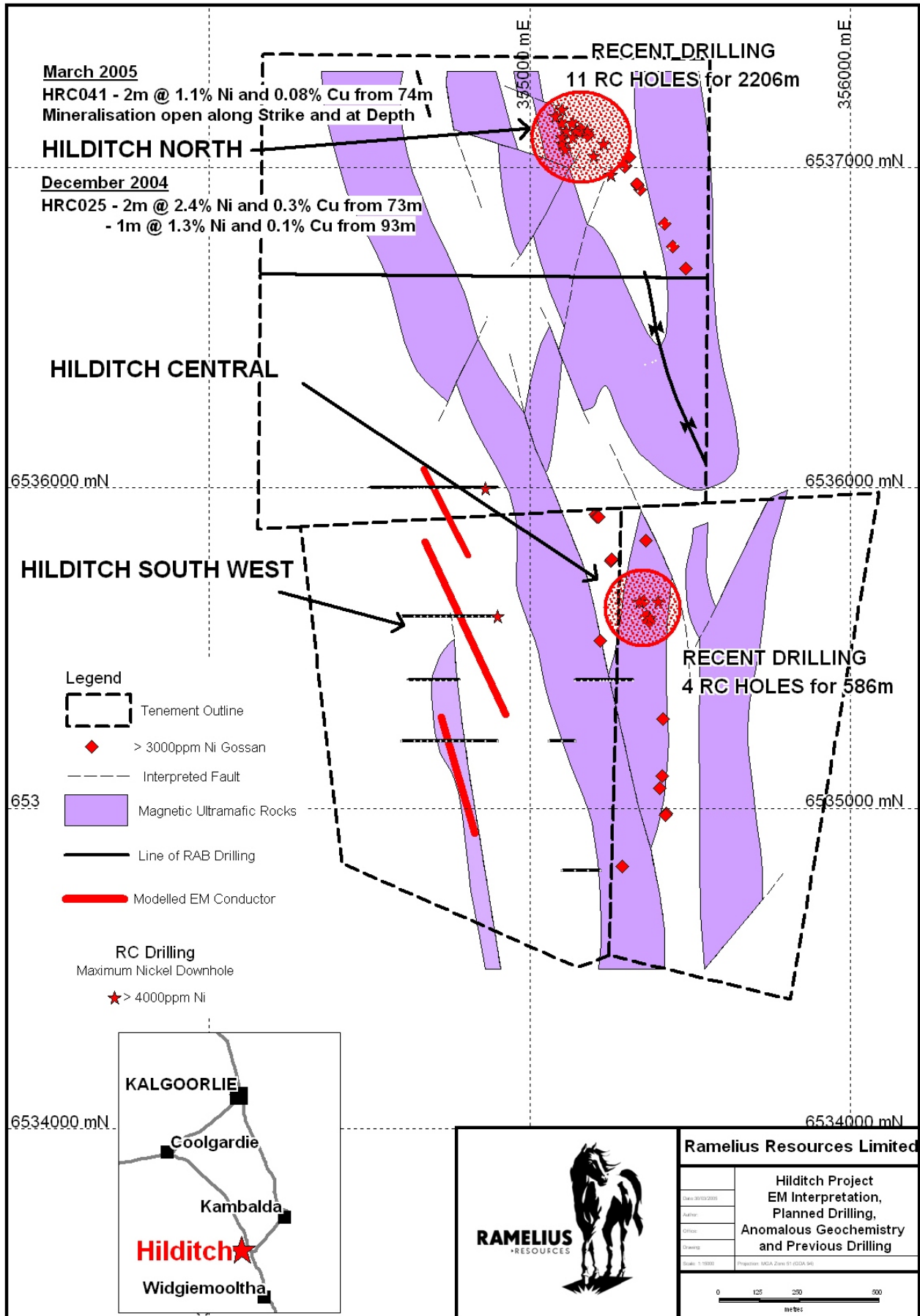
Hole Number	Northing (GDA)	Easting (GDA)	Azimuth	Dip	Depth (m)	From (m)	To (m)	Interval (m)	Ni%	Cu%	Comments
HRC037	6537095	355100	90	-60	156	106	107	1	<b>0.59</b>	0.04	Sheared Ultramafic/Mafic Contact
						149	150	1	<b>0.41</b>	0.01	Cloud sulphides in Ultramafic
HRC039	6537140	355100	90	-60	132	92	93	1	<b>0.58</b>	0.09	Sheared Ultramafic/Mafic Contact
						97	101	4	<b>0.62</b>	0.07	Sheared Sediment/Ultramafic contact
						119	120	1	<b>0.54</b>	0.007	Cloud sulphides in Ultramafic
HRC040	6537160	355080	90	-60	150	143	144	1	<b>0.57</b>	0.02	Cloud sulphides in Ultramafic
HRC041	6537180	355100	90	-60	126	74	76	2	<b>1.1</b>	0.08	Base of moderate to high Mg Ultramafic
						74	75	1	<b>1.3</b>	0.1	Base of moderate to high Mg Ultramafic
						85	86	1	<b>0.43</b>	0.02	Cloud sulphides in Ultramafic
						112	113	1	<b>0.41</b>	0.01	Cloud sulphides in Ultramafic
HRC042	6537075	355100	90	-60	156	142	144	2	<b>0.52</b>	0.01	Cloud sulphides in Ultramafic
HRC043	6537055	355110	90	-60	144	102	103	1	<b>0.52</b>	0.04	Sheared Ultramafic/Mafic Contact
						137	138	1	<b>0.4</b>	0.008	Cloud sulphides in Ultramafic
HRC044	6535645	355400	270	-60	156	148	150	2	<b>0.41</b>	0.04	Cloud sulphides in Ultramafic
HRC050	6537075	355230	270	-60	186	76	77	1	<b>0.4</b>	0.02	Cloud sulphides in Ultramafic
						86	88	2	<b>0.77</b>	0.05	Cloud sulphides in Ultramafic
HRC051	6537035	355200	270	-60	96	23	24	1	<b>0.45</b>	0.02	Cloud sulphides in Ultramafic

Notes: 1) Analyses were performed with a multi acid digestion and ICP analysis of a 1 metre riffle split sample.  
2) As the sequence appears to be sub-vertical, the true widths are likely to be a factor of 0.5 of the intercepted widths.

**New Wattle Dam Prospect (Nickel and Gold - P15/4651)**

This tenement is 100% held by Ramelius and was granted on 15 July 2004. It forms part of the Company's New Wattle Dam Project and lies south of Hilditch and north of Wattle Dam. Encouraging results obtained to the north at the Hilditch Nickel Project has increased the prospectivity of this tenement because the prospect lies on what is now considered to be a fertile nickel belt and is immediately adjacent to the 1Z nickel prospect. Its geochemistry is highly anomalous in Nickel/Copper and now presents Ramelius with another exciting target.

The Company's contract prospector has just completed a Gossan Search over the tenement and the analytical results are awaited. Interestingly, some of the gossans sampled, exhibited malachite staining and in the northern section at least one sample showed free gold.



**For further information please contact:**

**Mr. Joe Houldsworth  
Managing Director  
Ramelius Resources Limited  
Ph. 08 9250 6644**

*The Information in this report that relates to Exploration Results is based on information compiled by Matthew Svensson who is a Member of the Australian Institute of Geoscientists and is a Competent Person as defined in the 2004 Edition of the Australasian Code for Reporting on Exploration Results. Matthew Svensson is a full-time employee of the company and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*