



ACN 001 717 540
ASX code: RMS

14 September 2009

ISSUED CAPITAL

Ordinary Shares: 219M
Options: 18.45M

DIRECTORS

Chairman:
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14 September 2009

For Immediate Release

DEVELOPMENT MILESTONE FOR WATTLE DAM MINE

HIGHLIGHTS

- High grade Wattle Dam (WA) underground gold mine: Ore development commenced in September 2009
- Infill underground diamond drilling set to resume at Wattle Dam this week
- Deep diamond drilling continues with a new result of 2 metres of 7.5 g/t Au from 355 metres down hole in WDDH0086

Development & Mining

Ramelius Resources Limited (ASX code: "RMS") is pleased to announce that a significant milestone was reached in September 2009 at the Company's wholly-owned high grade Wattle Dam underground gold mine, 25 kilometres west of Kambalda in Western Australia.

Ramelius has commenced the 241 RL (99m below surface) and 225RL (115m below surface) ore drives within the new underground mine to provide initial development ore for processing, commencing in November 2009.

Once these ore drives and the 205 RL (135m below surface) ore drive are completed, stoping of the upper levels of the orebody can commence. Mining of the stope ore is expected to commence late in December 2009 and processing of this ore from January, 2010.



Recent diamond drilling completed into the top level of the mine has confirmed a high grade vertical zone of mineralisation 40 metres long and 8 metres wide. Attached to this release is a long section (Figure 1) of the top level of the mine, showing all drilling within this 8 metre wide ore zone where mine development has commenced. Most holes within the zone contain high grade gold intercepts.

Underground diamond drilling will resume this week targeting the orebody between 135 metres and 175 metres below surface (below the initial stoping levels).

Exploration

Deeper diamond drilling has continued targeting the interpreted mineralised zone down plunge from the current mine plan. Since the last update, four diamond holes (WDDH0085 - WDDH0088) for 1,202.1 metres have been completed. Drill hole WDDH0086 intersected a significant result of 2 metres at 7.5g/t gold from 355 metres associated with biotite-chlorite altered ultramafic and sedimentary lithologies and minor visible gold. The intersection is located approximately 7 metres up plunge to the south from previously announced mineralisation within WDDH0088 (3.5 metres at 13.5g/t gold from 353 metres (Figure 2).

Diamond drill holes WDDH0085 and WDDH0087 are interpreted to have intersected a down dip location from the interpreted mineralised zone approximately 30 metres to the south and 40 metres down dip from WDDH0084 respectively. Both of the holes intersected weak to moderate biotite-chlorite altered ultramafic and sedimentary lithologies at the target horizon. All results for WDDH0085 have been received with no significant results received. All results for WDDH0087 are pending.

Diamond drill hole WDDH0088 intersected the target horizon approximately 10 metres down plunge from WDDH0084. The drill hole intersected moderately altered ultramafic and sedimentary lithologies and minor visible gold. A priority zone encompassing the favourable alteration and gold has been submitted from WDDH0088. All results from WDDH0088 are pending.

A summary of all collar and assay details and assaying details of all recently completed diamond drill holes are included as Appendix 1 and 2 respectively.

Ramelius will update the market as drilling continues.



For further information please contact:

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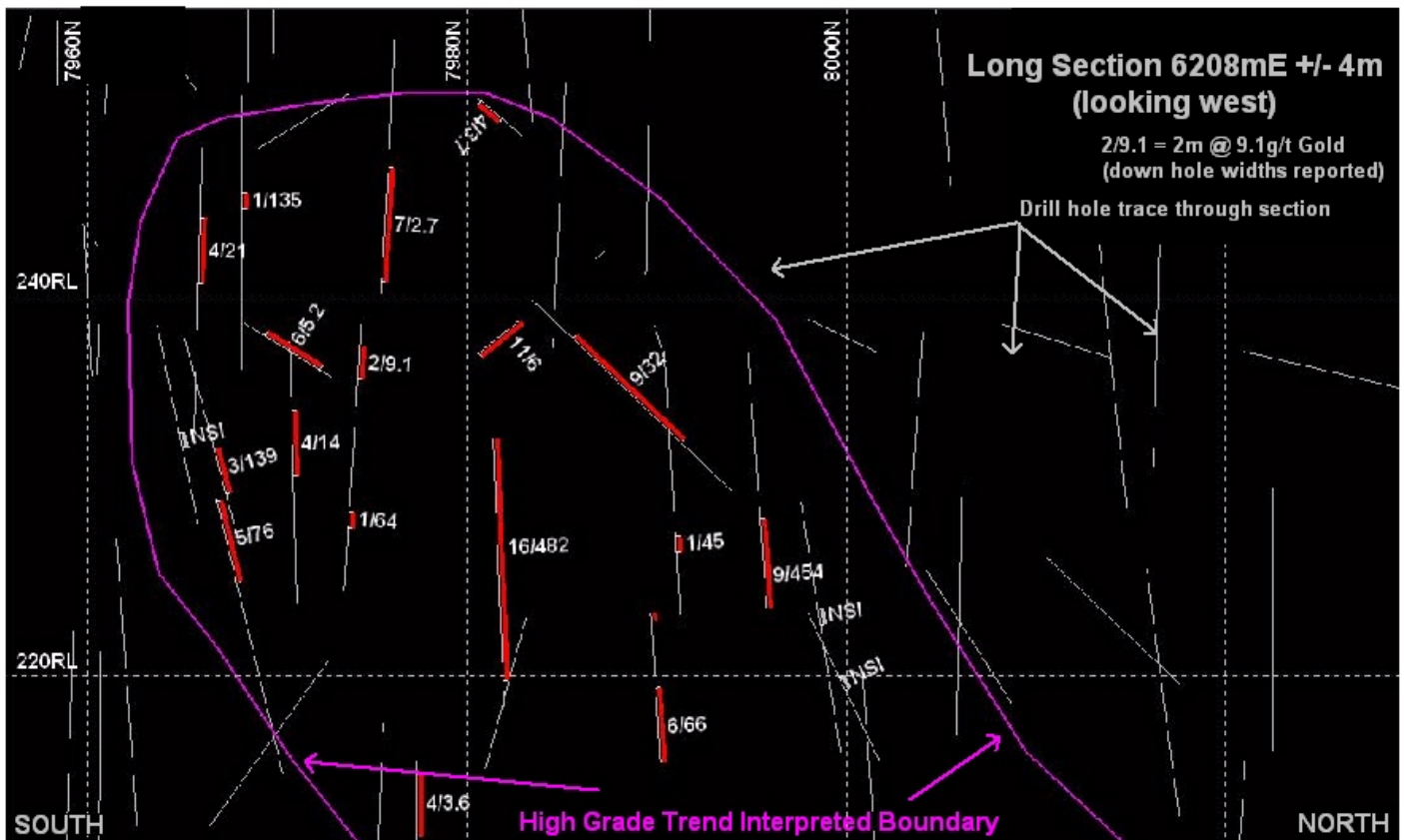


Figure 1: Long Section of Top Stopping level at Wattle Dam (showing all drilling)

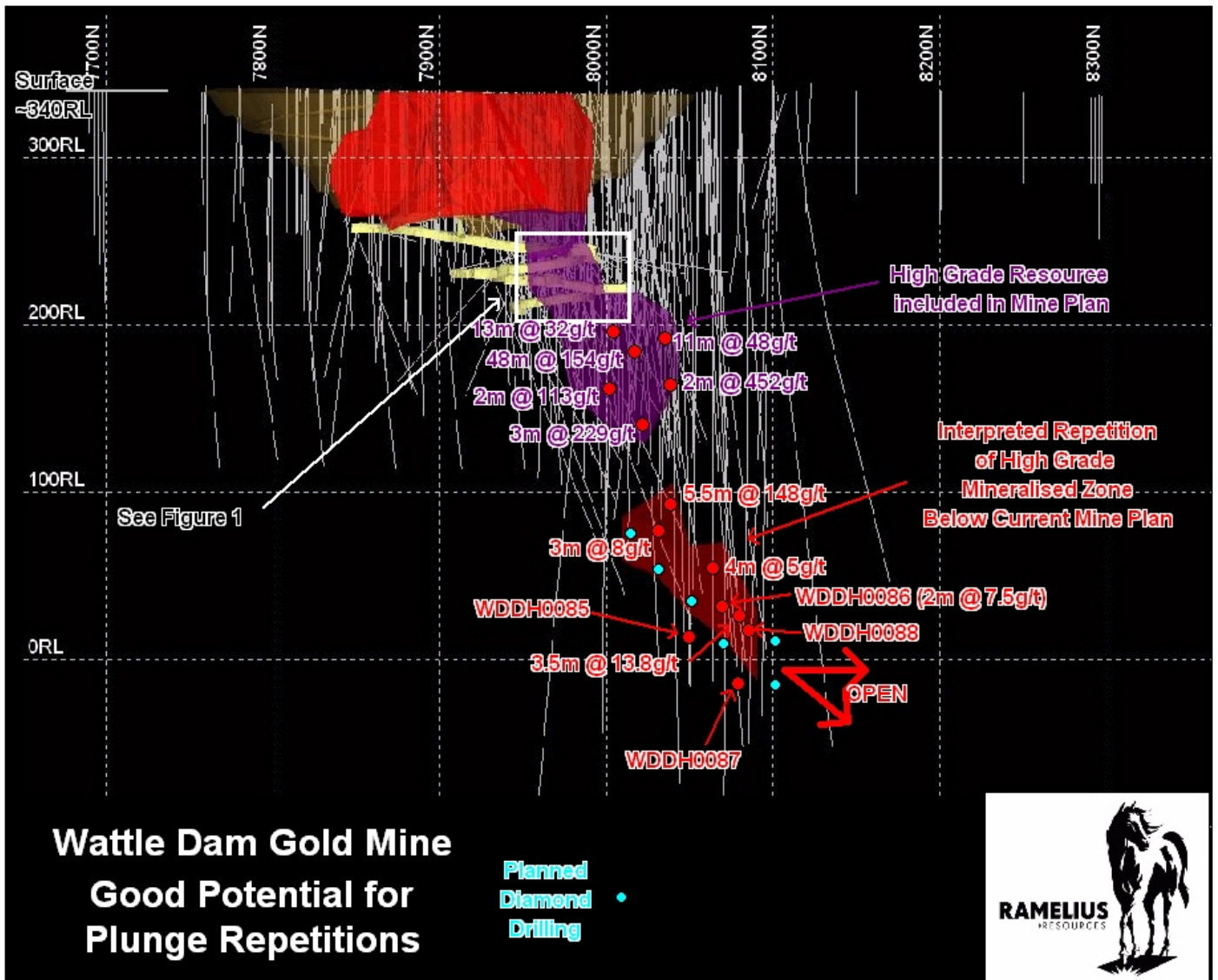


Figure 2: Long Section showing depth potential at Wattle Dam (Looking West)



APPENDIX 1

Hole	Northing (LOCAL)	Easting (LOCAL)	RL (m)	Dip	Azimuth	Total Depth (m)	Assay Progress
WDDH0070	7780	6140	343	-59	92	260	Results Received
WDDH0071	8100	5975	342	-58	92	447.7	Results Received
WDDH0084	8065	6005	342	-62	90	390.7	Results Received
WDDH0085	8050	6005	342	-62	90	402.7	Results Received
WDDH0086	8066	5995	342	-62	90	387.7	Results Received
WDDH0087	8066	5994	342	-64	90	423.7	Results Pending
WDDH0088	8066	5995	342	-63	90	390.7	Results Pending

APPENDIX 2

All samples collected from the diamond drilling comprised HQ half core and were collected over intervals of 0.2 – 1.0 metres. The samples were submitted to Genalysis Laboratory Services Pty Ltd where they were dried, boyd jaw crushed and pulverised prior to a 200 gram sub-sample being taken for Leachwell analysis. Any samples weighing over 3 kilograms after jaw crushing were rotary split prior to pulverisation to obtain a split between 2.5 - 3.0 kilograms for pulverisation. All drill cores have been geologically and structurally logged. Check analysis will be completed on a number of samples from the completed drilling. The orientation of the interpreted mineralised zone is likely vertical to sub-vertical, therefore true widths are going to be approximately half the downhole reported length.

The Information in this report that relates to Exploration Results is based on information compiled by Matthew Svensson.

Matthew Svensson is a Member of the Australian Institute of Geoscientists and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as 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.