



NIAGARA
MINING LIMITED
ABN 60 060 525 206

Unit 8, Level 1, Churchill Court
331-335 Hay Street
Subiaco WA 6008
PO Box 190
West Perth WA 6872
Tel: +61 8 9382 8799
Fax: +61 8 9382 4760

30 November 2006

Company Announcements Officer
Australian Stock Exchange Limited
Exchange Centre
Level 4, 20 Bridge Street
SYDNEY NSW 2000

www.asxonline.com

Dear Sir

Re: DIAMOND DRILLING UPDATE - WNP

We enclose herewith a copy of an announcement in relation to the above.

Yours faithfully

Douglas C. Daws
EXECUTIVE CHAIRMAN

Enc

CORPORATE DIRECTORY

Director / Senior Management

Douglas Daws	Executive Chairman
Chris Daws	Chief Executive Officer
Bruno Sceresini	Non-Executive Director
Peter Landau	Non-Executive Director
Ross Kestel	Company Secretary

Corporate Enquiries

Mr Chris Daws - CEO
P: 61 8 9382 8799
F: 61 8 9382 4760
M: 0414 334 842
E: c.daws@niagaramining.com.au

Media Enquiries

Mr David Griffiths – Gryphon Management
P: 61 8 9382 8300
F: 61 8 9381 2349
M: 0419 912 496
E: david.griffiths@gryphon.net.au

Shareholder Enquiries

Enquiries concerning shareholdings should be addressed to:
Computershare Investor Securities
GPO Box D182, Perth WA 6840
Tel: 61 8 9323 2000

Registered Office

Level 1, South Mill Centre
9 Bowman Street
South Perth WA 6151
Tel: 61 8 9367 8133
Fax: 61 8 9367 8812

Principal Office

Unit 8, Level 1 Churchill Court
331-335 Hay Street
Subiaco WA 6008
Tel: 61 8 9382 8799
Fax: 61 8 9382 4760

Home Exchange

The Company's shares are listed on the Australian Stock Exchange and the home exchange is Perth ASX code: NIA

Website Address

www.niagaramining.com.au



ASX Announcement

30 November 2006

Diamond Drilling Update - WNP

The Company is pleased to report the progress of diamond drilling activities targeting high grade massive nickel sulphides below the current workings at the Company's 100% owned Windarra Nickel Project (WNP) located north-west of Laverton, Western Australia.

Recently completed drilling to test an off-hole EM conductor identified in NMD0001 has intersected a significant zone of remobilised massive and stringer sulphides. Wedge hole NMD0001E was drilled to test the target conductor north and above the parent hole and returned the following assay results;

NMD0001E 2.95m at 2.99% Ni (646.15 - 649.10m) downhole (length and SG weighted average grade)
including 0.71m at 7.20% Ni (647.54 - 648.25m) downhole

The remobilised stringer/massive sulphides occur within a sheared and tectonised zone of ultramafic lithologies that is intruded by a number of intermediate to mafic dykes and quartz veins. Above the tectonised zone less deformed ultramafic rocks host disseminated mineralisation that returned assays of

NMD0001E 11m at 1.26% Ni (621 - 632m) downhole (length and SG weighted)

Downhole EM surveying completed in NMD0001E has identified a strong conductor located below the hole at the depth of the mineralisation. The conductor is interpreted to have a steep southerly plunge and appears to be related to the previously announced nickel intersections in NMD0001. Further drilling is planned to test this conductor along the interpreted line of plunge.

The Company looks forward to updating shareholders with further results when they become available.

Douglas C. Daws
EXECUTIVE CHAIRMAN

The information in this document that relates to exploration results is based on information compiled by Mr Mick Elias who is a director and employee of CSA Australia Pty Ltd. Mr Elias is a Fellow of the Australasian Institute of Mining and Metallurgy. He has sufficient experience which is relevant to the style of mineralization and type of deposit under consideration, and to the activity undertaken. He is qualified as a competent person as defined in the 2004 Edition of the "Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves". He has consented to the inclusion of this information in the form and context in which it appears. The Australian Stock Exchange has not received and does not accept responsibility for the accuracy or adequacy of this release.