



ASX Announcement

27 January 2015

## **Extensive down-hole EM survey underway following completion of first round of drilling at Nariz**

Duketon Mining Limited (ASX: DKM) advises that it has completed the successful first round of drilling at its Nariz nickel-copper discovery in Western Australia.

The initial program finished with the completion of the seventh hole (DKMDD011), which drilled down a north-south orientated fault zone and through several intersections of minor stringer sulphides from 392.6m. Nariz remains open to the east and down-dip (see Figure 1).

The Nariz drilling program has outlined nickel and copper mineralisation over a down-plunge length of 100m and 100m along strike.

A down hole electromagnetic (DHEM) survey crew is now on site and will survey a number of the holes completed during this initial program.

Duketon will use a combination of the results of the DHEM and the drilling program to determine targets for the second round of drilling at the Nariz Ni-Cu discovery. This assessment is expected to take two to four weeks.

Duketon Managing Director Stuart Fogarty said the initial drilling program at Nariz had been highly successful, outlining a significant discovery within close proximity to the other established nickel deposits within the Duketon Project.

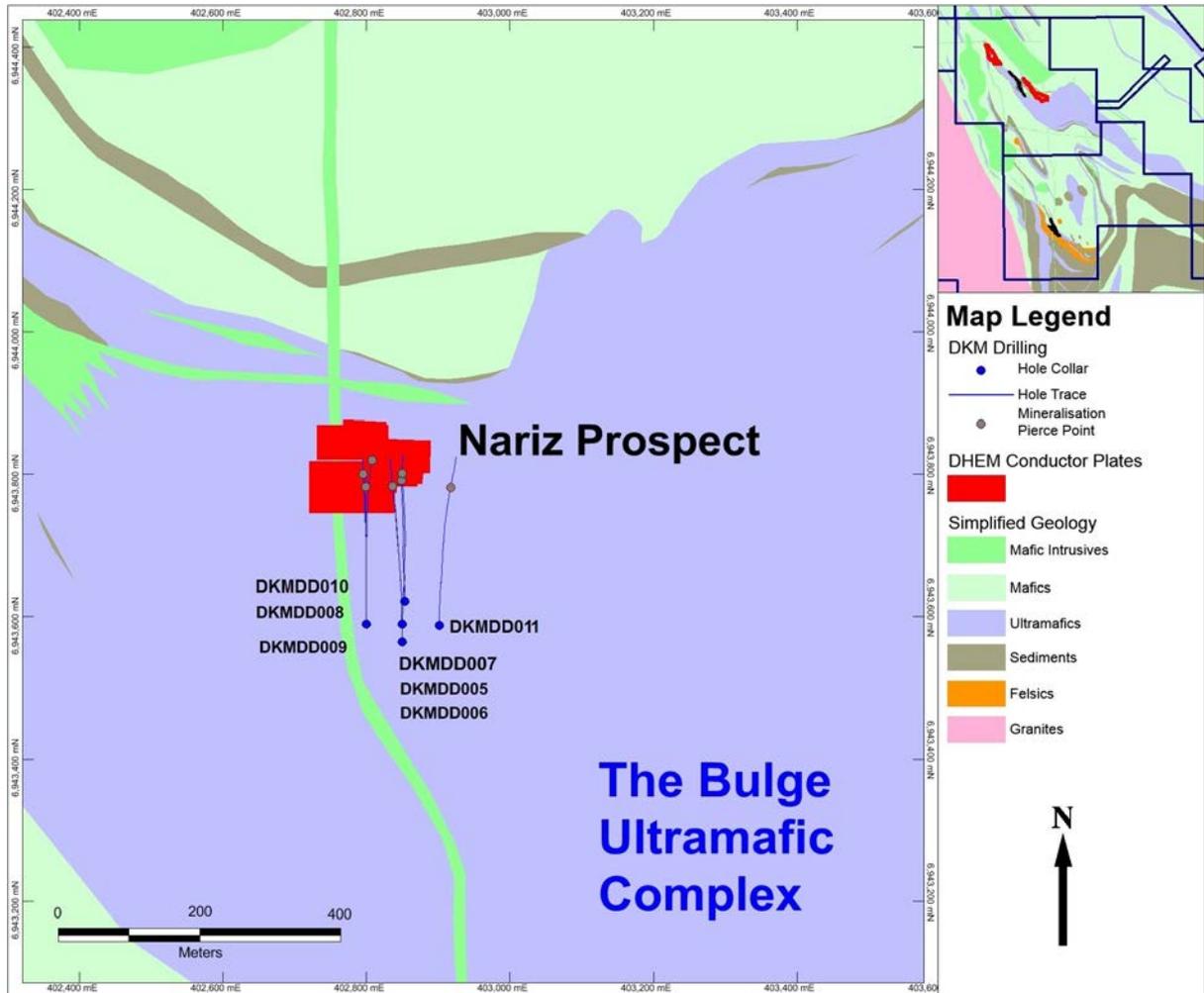
"The Nariz drilling has returned some outstanding results while also highlighting the strong potential to grow the known extent of the mineralisation," Mr Fogarty said.

"These results, along with the DHEM survey underway, will provide a valuable database which will give us a better insight into the Nariz deposit and help us devise the next drilling program."

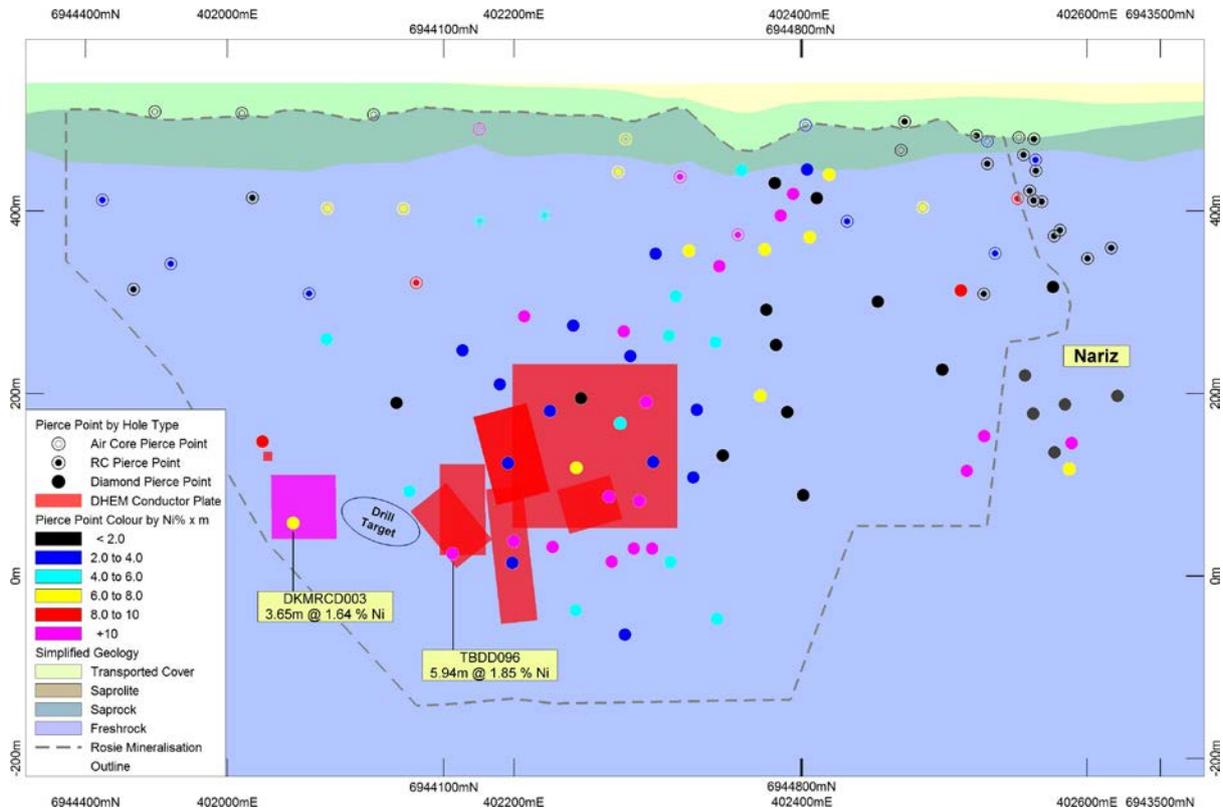
### **Diamond Drilling to Commence at Rosie**

The drill rig will now return to the Rosie deposit at the Duketon Project to complete the diamond drill hole that was designed to test a significant in-hole EM conductor identified in a previous drilling program.

This conductor was located within a 180m-long corridor and was north of a historical hole which intersected 5.20m at 9.18% Ni, 1.09% Cu and 7.14g/t PGE.



**Figure 1. Plan Location of Drilling at Nariz**



**Figure 2. Longsection of the Rosie Nickel Resource looking to the East Showing the current drill target.**

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### Competent Person

*The information in this report that relates to exploration results is based on information compiled by Mr Trevor Saul, Member of the Australian Institute of Mining and Metallurgy ("AusIMM") and a consultant for Duketon Mining Limited. Mr Saul has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a competent person as defined in the JORC Code 2012. Mr Saul consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.*