



6 February 2013

## Porphyry Open Ended At 600m Depth

### HIGHLIGHTS

- CH-DDH001 finishes in sulphide-bearing monzonite porphyry at 600m depth (EOH)
- Sulphide-bearing monzonite porphyry over 220m interval and open ended
- Sulphide mineralisation in CH-DDH001 between 500m and 600m consistent with mineralisation between 380m and 500m
- Sulphide-bearing hydrothermal breccia identified in CH-DDH002 and open ended at 150m
- Sulphide mineralisation in CH-DDH002 includes pyrite, chalcopyrite and arsenopyrite
- First phase drilling now completed
- Deeper holes required to investigate porphyry at depth
- Top of sulphide-bearing monzonite porphyry less than 100m below valley floor

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### Monzonite Porphyry Continues At Depth

The Company is very pleased to announce that the sulphide-bearing monzonite porphyry discovered below Breccia Pipe 8 (recently announced to the ASX on the 29 January 2013) extends to the bottom of drill hole CH-DDH001 at a depth of 600m and is therefore open ended.

The monzonite porphyry between the interval of 500m and 600m is brecciated and highly altered, and contains pyrite, chalcopyrite and arsenopyrite, as it does higher in the porphyry interval.

Sampling of CH-DDH001 is due to be completed in the next couple of days and the assay results will be provided to the market as soon as possible. Samples have also been submitted for petrographic analysis to more closely examine the many varied sulphide types in the monzonite porphyry and a complete set of samples is being taken for hydrothermal mineral mapping purposes.

CH-DDH002 has now also been completed, which completes the drilling program. It was drilled into Breccia Pipe 11, which is adjacent to and possibly joins with Breccia Pipe 10 at depth. Breccia Pipe 10 contains gold mineralisation to 200m as previously announced to the ASX. Breccia Pipe 11 in CH-DDH002 is highly altered and contains sulphides including pyrite, chalcopyrite, arsenopyrite and galena (Pb-sulphide).



Figure 1a): Detail of the monzonite porphyry at +/- 474m – showing the monzonite porphyry and zones of intense brecciation and sulphidisation; b) Core box photo of the monzonite porphyry between 459.2m and 464.2m depth [Previous ASX announcement shows core-box interval 483m to 488m]. The porphyry is very highly brecciated and altered with sulphides as disseminations, veins and matrix blebs. Core box photos of the bottom 100m of CH-DDH001 are not currently available.

### Immediate Follow-up

The result of the last 100m interval of CH-DDH001 is significant. The sulphide-bearing monzonite porphyry is open-ended at a depth of 600m. As porphyry deposits can be mineralised to depths well in excess of 1,000m, it is necessary now to follow-up with deeper drill holes.

In addition, there are a number of other gold-bearing breccia pipes (identified in previous rock chip sampling and previously reported to the ASX) that require further investigation. As with Breccia Pipe 8, deep holes would be required to investigate the possibility of sulphide-bearing porphyry extending below these. The focus will be those mineralised breccia pipes occurring within the large Spontaneous Potential (“SP”) anomaly that covers much of the central part of the project area.

Importantly for Inca, the top of the monzonite porphyry is less than 100m below the valley floor that is adjacent to Breccia Pipe 8/CH-DDH001.

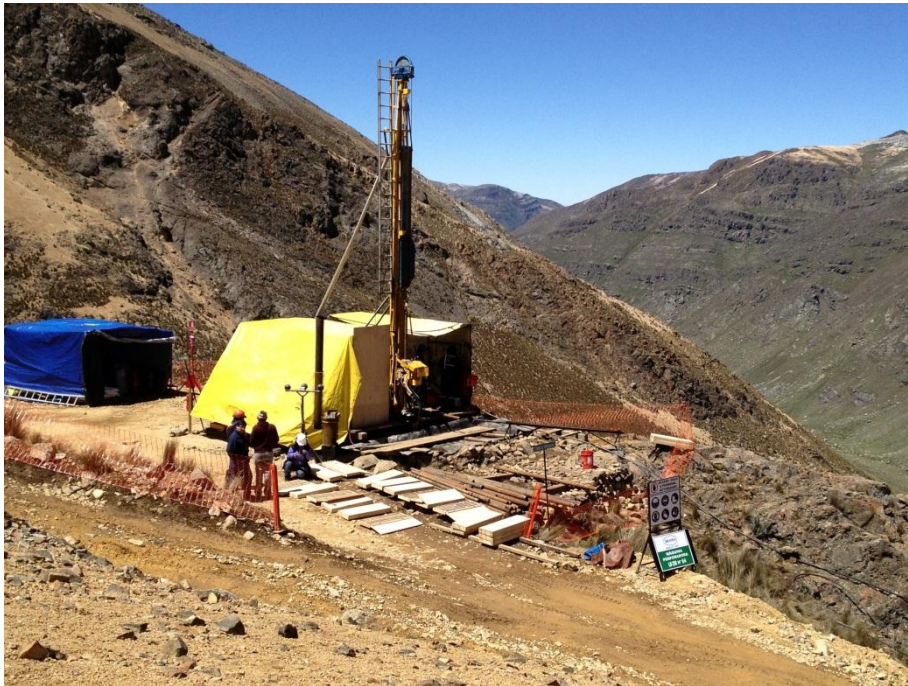


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The information in this report that relates to Exploration Results is based on information compiled by Mr Ross Brown, Managing Director, Inca Minerals Limited, who is a Member of the Australian Institute of Mining and Metallurgy. Mr Brown is a full time employee of Inca Minerals Limited. He has sufficient experience, which is relevant to the style of mineralisation and types of deposits under consideration, and to the activity which has been undertaken, to qualify as a Competent Person as defined by the 2004 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Mr Brown consents to the report being issued in the form and context in which it appears.



Drilling at Breccia Pipe 8 – the Chanape Valley in the background