



23 February 2015

Electromagnetic Surveying Underway

Highlights:

- **Electromagnetic surveying underway at Gidgee over fertile VMS system**
 - **Drilling expected to commence in the coming 4-6 weeks**
-

Gateway Mining Limited ('Gateway' or 'the Company') is pleased to announce that a High Powered Moving Loop Electromagnetic Survey (HPMLTEM) survey is underway at Gidgee, Western Australia.

The survey was expected to commence around this date, as announced to the market in the Company's recent update on 28 January 2015, as well as in the Quarterly Activities Report on 31 January 2015.

The survey will focus on the Volcanogenic Massive Sulphide (VMS) system which is host to The Cup copper mineralisation. The Company believes the system is extensive and fertile for VMS mineralisation. VMS deposits occur in 'clusters', meaning that exploration efforts should focus on areas proximal to already identified mineralisation, such as that identified at The Cup and Julia's Fault.

Previous results from drilling within the confines of the system include:

- **27m @ 1.55% Cu** from 87m (The Cup)
- **52m @ 0.92% Cu** and **2m @ 32g/t Ag** from 64m (The Cup)
- **18m @ 1.48% Cu** from 74m (The Cup)
- **9m @ 4.20g/t Au** from 67m (Julia's Fault)
- **17m @ 1.28g/t Au** and **3.20g/t Ag** from 43m (Julia's Fault)

In addition to the targeted precious and base metals of Au, Ag, Cu, Pb and Zn, the Company has intersected widespread VMS geochemistry throughout the entirety of the interpreted system. This includes As, Bi, Mo, Sb, Se, Sn, Te, Pb, Hg, Zn, Cd, In and Tl values being returned well above internal threshold levels of anomalism.

VMS deposits typically show electro-magnetic signatures, and HPMLTEM surveying has previously proved successful in accurately identifying massive sulphide bodies in this area. This type of EM survey located the Blind Bat conductor during exploration efforts in 2015. The target was drilled late last year and intersected massive sulphides which were undoubtedly VMS related. The hole contained 8m of massive

ABN: 31 008 402 391
Level 8, 210 George Street Sydney NSW 2000
GPO Box 225 Sydney NSW 2001
Tel: 61 2 9191 4543
Fax: 61 2 8247 7999
Website: www.gatewaymining.com.au
Email: info@gatewaymining.com.au



sulphide, which had a Sb-Tl-Te-W-Cs-Ni-Cr-Mo-Se halo typical of VMS mineralisation. There was also good Na depletion and large mass gains in S and Fe throughout the massive sulphide section.¹

These results collectively give the Company a lot of confidence that this system is very large and fertile.

The Company is currently planning to commence drilling at some point in the next 4-6 weeks, depending on obtaining approvals and rig availability. Results from this current HPMLTEM program will feed in to drill planning, with the expectation that any targets identified from this survey will be drill tested in the next program.

Further updates will be provided to the market when the Company receives the results of the HPMLTEM survey in the coming fortnight, and also when the drill program is finalised soon thereafter.

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Scott Jarvis, a full time employee & Head Geologist at Gateway Mining, a member of the Australian Institute of Geoscientists. Mr Scott Jarvis has a minimum of 5 years' experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Scott Jarvis consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

¹ As announced to the market on 27/07/2014 and 31/07/2014