



27 November 2013

Results from Recent RC Drilling

Highlights:

- **New style of Cu-Ni-Co massive sulphide mineralisation intersected south of The Cup with 4m @ 1.03% Cu, 0.44% Ni and 0.04% Co in ultramafic host rock**
- **Further VMS Copper intersections at The Cup in the oxide zone**
- **Follow up fixed loop electro-magnetic work to commence very shortly**

Gateway Mining Limited ('Gateway' or 'the Company') recently completed a Reverse Circulation (RC) drilling program at its flagship Gidgee project in Western Australia. The Gidgee project is located in the Archaean Yilgarn craton on the Gum Creek Greenstone Belt.

The focus of the drilling was at The Cup prospect area. Eight holes were drilled at The Cup on E57/417 and nine holes were drilled into tenement M57/633, which was the subject of a recently announced joint venture agreement with Panoramic Resources Ltd (see Gateway announcement on 12 August 2013). The joint venture tenement's border is very close to the currently known Volcanogenic Massive Sulphide (VMS) copper mineralisation at The Cup.

New style of Cu-Ni-Co mineralisation intersected south of The Cup

The MLTEM survey completed over The Cup area and the adjacent joint venture tenement in August / September this year focused on the area south of The Cup. Three lines were completed over the 6968000N, 6967750N and 6967500N lines. These EM lines were designed to test for southern extensions to The Cup mineralisation (the copper mineralisation at The Cup has been intersected on the 6968000N line and further north).

This MLTEM survey identified, in addition to The Cup horizon, a deeper conductor lying approximately 180m beneath surface beginning around the 6968000N line and extending approximately 800m south (ie away from The Cup copper mineralisation). The conductor has strong conductivity of ~2500S and is characteristic of massive sulphides. This conductor appears to be unrelated to The Cup.

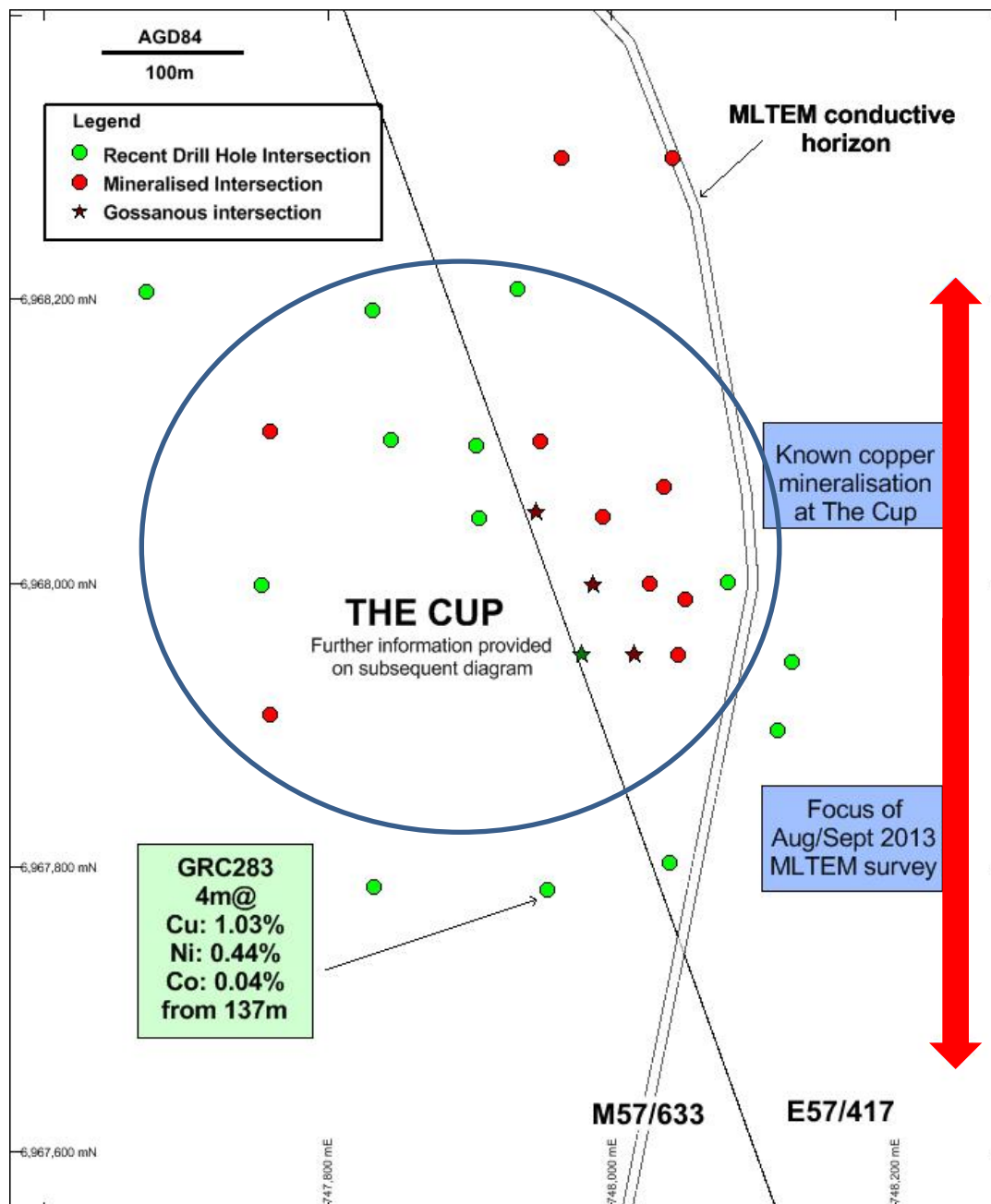
During the last RC program, Gateway intersected the following on the joint venture tenement close to, but above, this new conductor:

GRC283: 4m @ 1.03% Cu, 0.44% Ni and 0.04% Co from 137m

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This is a **new style of mineralisation** and bears great significance for the area. It appears to be hosted in rocks of ultramafic geochemical composition with significant massive sulphide content. This is the **first time ultramafic rocks have been intersected in the area** by Gateway. It is not known if the mineralisation contains any platinum group elements (PGEs) however pulps have been sent for assaying in platinum and palladium.



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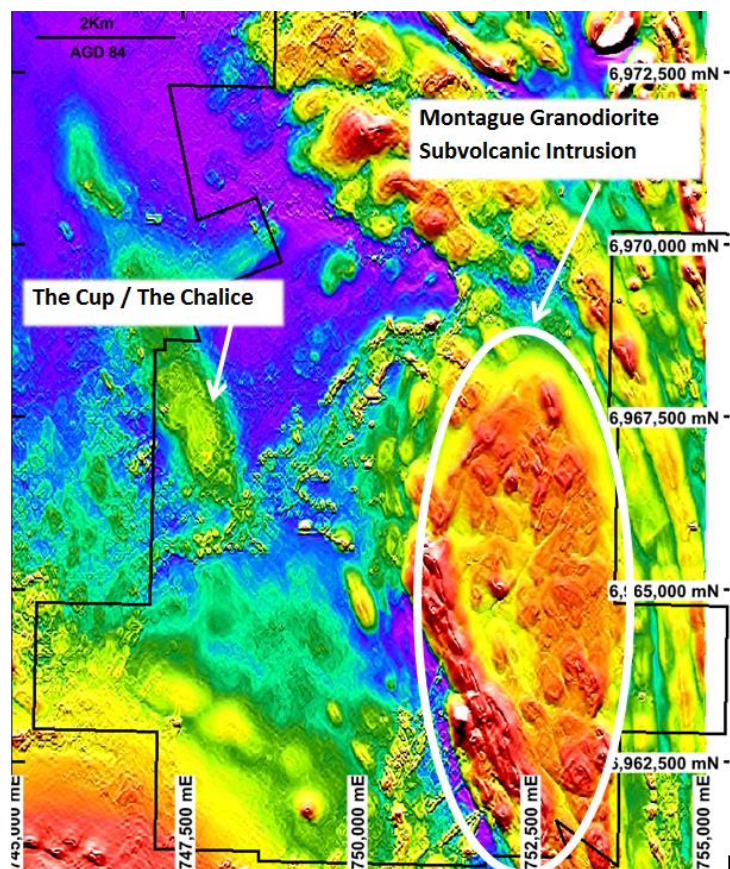


At the time it was thought this deeper MLTEM conductor was not of immediate interest however in light of this new style of ultramafic hosted mineralisation, the conductor has greatly increased in significance.

Additionally, it should be noted that the intersection in GRC283 lies above this new MLTEM conductor. It is expected a **FLTEM survey will commence shortly** to better define the conductor. The fixed loop survey will test from the 6968000N line south to the 6967400N line. Unfortunately the hole was not cased so down-hole EM work is not immediately possible

Scott Jarvis, Head Geologist for the Company, said "Whilst it's still very early days for the prospect, it is nevertheless quite exciting to be intersecting ultramafic rocks with Ni-Cu sulphides very close to a significant, untested EM conductor. The upcoming fixed loop survey should give us a much better understanding of the dimensions and geometry of the conductor. The fact that this mineralisation is so close to the established VMS copper mineralisation at The Cup is very encouraging and provides a further fascinating point of interest."

Additionally, further work is also required to understand the significant magnetic feature encompassing The Cup area (the feature below on the western edge of the project boundary).



Magnetic Survey of southern portion of tenement package

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That magnetic feature at The Cup is now potentially associated with both felsic hosted VMS copper mineralisation and and Ni-Cu sulphide ultramafic hosted mineralisation. Further work is required to better understand the geology of the area, but results to date confirm the exceptional prospectivity of Gateway's tenement holdings in the Gidgee area.

Further VMS Copper intersections at The Cup

The Cup is host to VMS copper mineralisation. The surrounding geology and historical results suggest The Cup has the potential to host further very significant mineralisation. The Montague Granodiorite, which is an arc granite subvolcanic intrusion, lies approximately 2.5km to the east of The Cup. These types of subvolcanic intrusions are a key feature of almost all major VMS camps around the world. The presence of the old Airport Area gold pits (which have historically produced approximately 100,000ozs Au) along the western boundary of the Granodiorite intrusion provides further evidence of its potential ore fertility.

Ore grade copper intersections (e.g. approximate true width intersections of **27m @ 1.42% Cu** from 89m in GRC200; and **18m @ 1.48% Cu** from 74m in GRC183) have been returned from the previous drilling.

The most recent drilling was expected to intersect sulphidic horizons deeper down, however structural complexities meant intersections are **still in the oxide zone**.

Below are some of the more significant results:

GRC260 - 14m @ 0.93% Cu & 2.24g/t Ag from 81m

GRC280 – 20m @ 0.51% Cu & 13.77g/t Ag from 70m

Also intersected in GRC280 was a high grade tungsten intersection of 5m @ 0.54% W from 260m

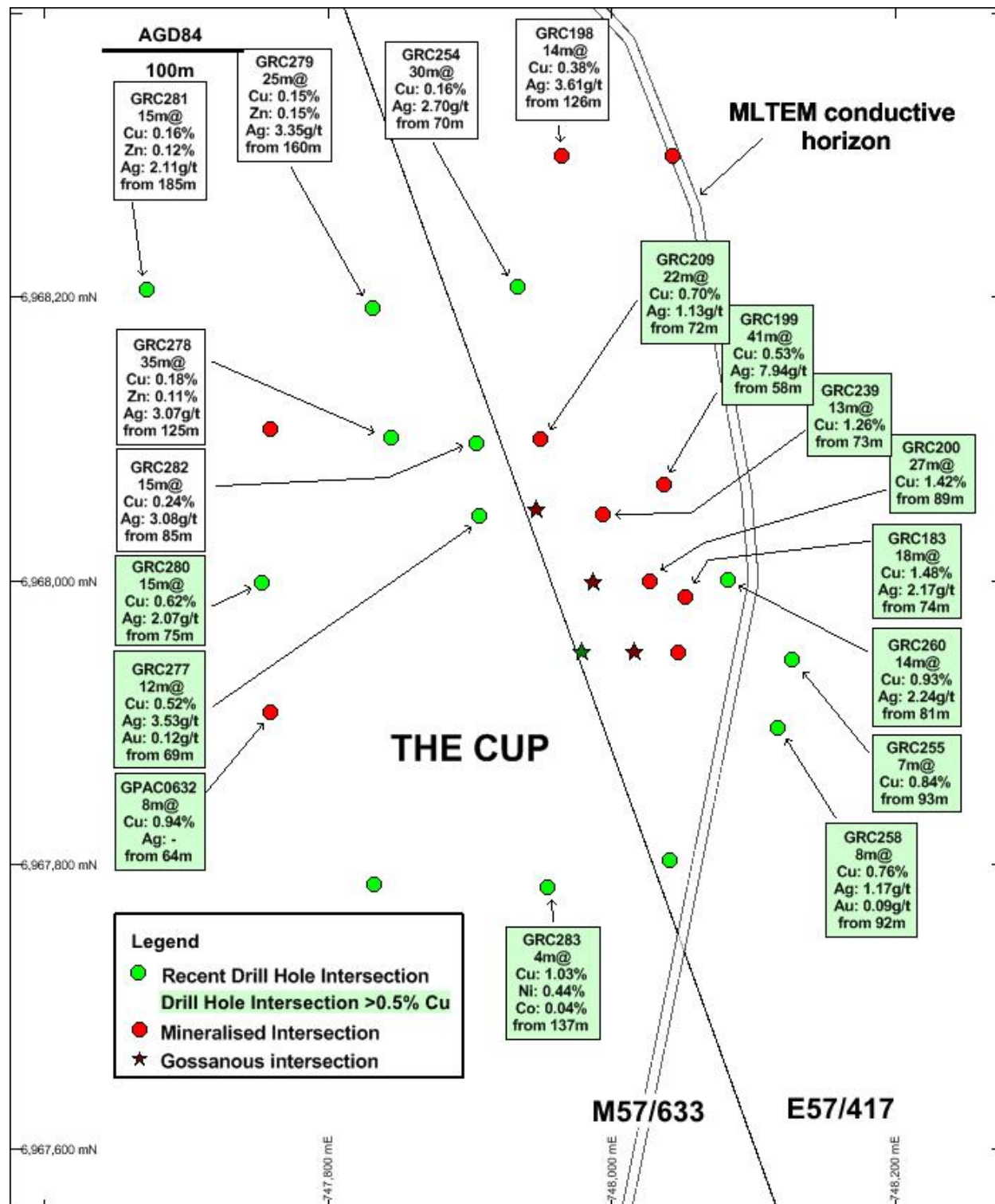
GRC255 - 7m @ 0.84% Cu from 93m (including 4m @ 1.12%Cu)

GRC277 – 3m @ 67.3g/t Ag & 1.17g/t Au from 62m

12m @ 0.53% Cu, 3.53g/t Ag & 0.12g/t Au from 69m

GRC258 - 8m @ 0.76% Cu & 1.17g/t Au Cu from 92m

Drill hole intersections on The Cup copper horizon according to current interpretation are shown in the figure below. Intersections above 0.5% Cu are seen to cluster together demonstrating a domain of better grade.



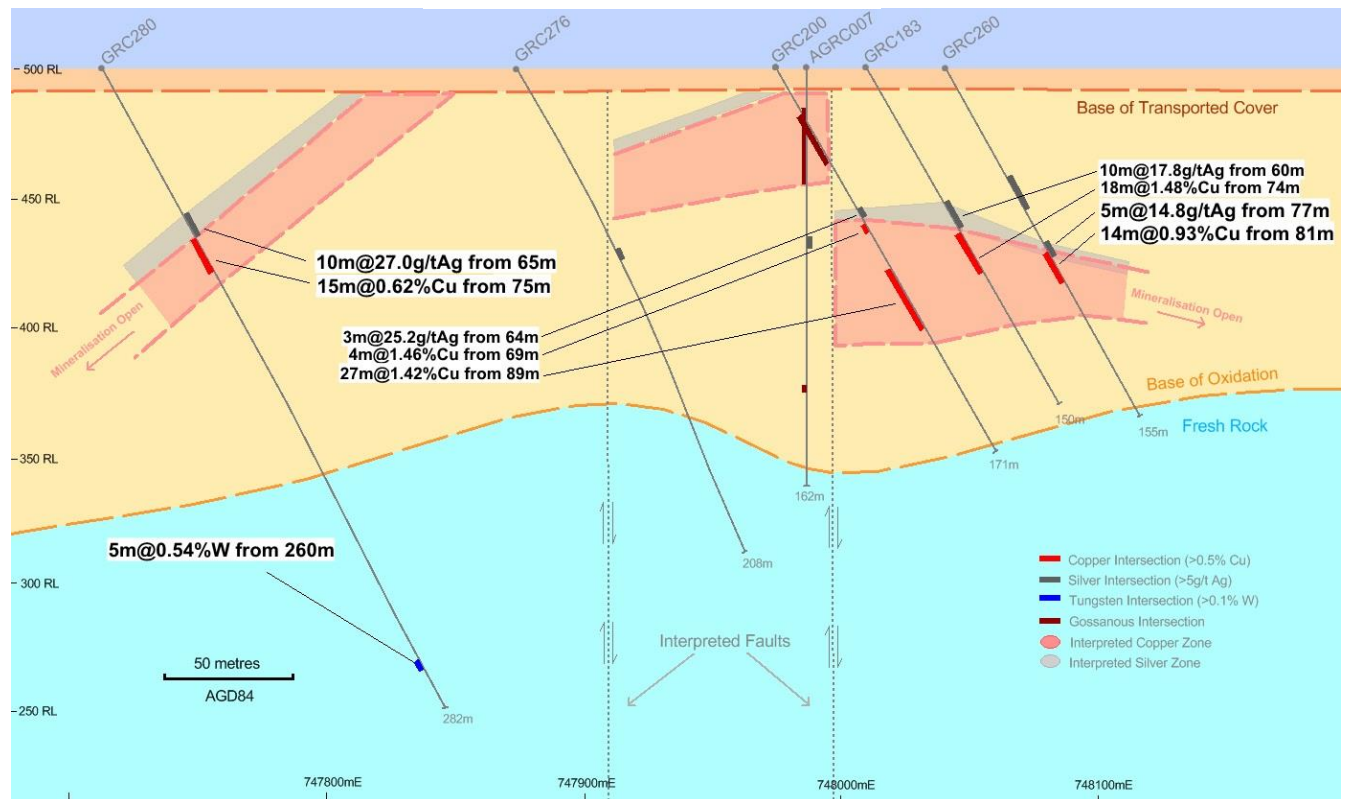
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Most of the drilling did not penetrate through the oxide zone. Initial interpretations of the mineralisation at The Cup suggested a more steeply dipping mineralised horizon, however as a result of the most recent drilling the geometry of the mineralisation appears much more shallow dipping. Consequently, copper mineralisation was intersected higher in the holes than expected.

Two sub-vertical NNW striking faults with west-side up offset and gently folded terrain comprise part of an updated geological interpretation. Current interpretation now has just one significantly mineralised copper horizon, rather than two, with an overlying zone of strong silver enrichment.

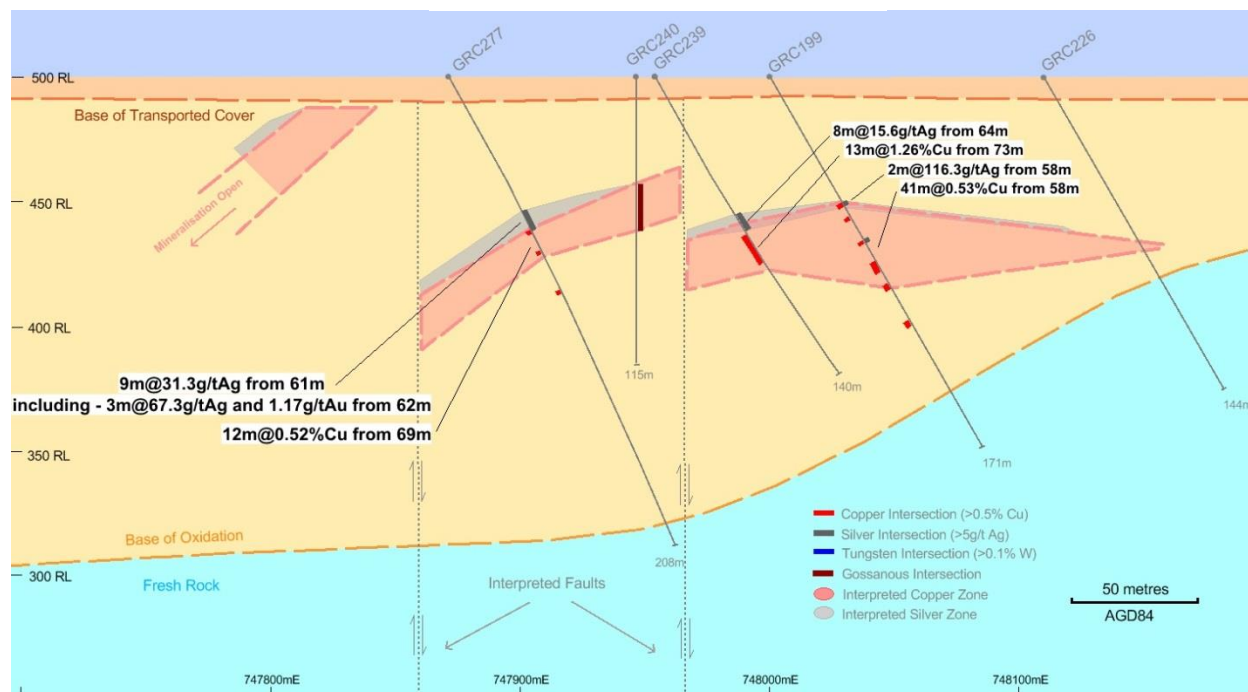
Cross Section: 7978000N



As a result of the faulted offsets drill holes targeting down dip of gossans and strongly mineralised zones did not intersect the targeted horizons as expected. For example GRC276 missed the targeted horizon altogether due to the location of the interpreted faults (see above).

A medium to coarse grained felsic rock (Dacite) identified in deeper drilling is a useful marker unit that occurs below The Cup copper horizon and is of crucial assistance for interpretation in complex structural terrain where drilling is broadly spaced. Part of what makes the Dacite useful as a marker unit is that it can be identified at upper levels within the deep weathering profile by residual quartz crystals among the saprolitic clay.

Cross Section: 7978050N



Four other holes on the joint venture tenement intersected significant VMS multielement mineralisation in massive sulphides, including the following:

- GRC278 – 35m @ 0.18% Cu, 0.11% Zn and 3.07g/t Ag, with very high multielement anomalism
- GRC279 – 25m @ 0.15% Cu, 0.15% Zn and 3.35g/t Ag, with very high multielement anomalism
- GRC281 – 25m @ 0.25% Cu & 3.75g/t Ag
- GRC282 – 15m @ 0.24% Cu & 3.08g/t Ag

While the grade of the copper is in the low to moderate range, the widths are impressive in that they are close approximations of true width, and the VMS multielement anomalism remains very strong which confirms the fertility of the horizon for possible higher copper grades.

These types of results are typical of a VMS system and highlight the fertility of the ground and further exploration work should provide a better understanding of where areas of potentially higher grade mineralisation could be.

“Overall we are just starting to scratch the surface of the mineralisation in this area. What this drilling confirms is that there is a significant VMS mineralised horizon extending for a known 500m and probably further. Intersections of massive and disseminated sulphides have only been returned within approximately 150m vertical depth from surface, however further work is required to understand the dimensions and geometry of the horizons” Scott Jarvis, Head Geologist, said.

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Other results

The Company also drilled a MLTEM target on the Birthday Trend. The hole intersected the targeted sulphide zone from 136-147m down hole. The sulphides showed weak anomalism for VMS pathfinder elements. The Birthday Trend still remains a very prospective stratigraphic horizon and the Company will continue to steadily progress its understanding of the system.

The Spot target was not drilled due to time constraints during the drilling program. The Company still plans to drill the planned hole into the target zone at Spot in a future drill program (refer to announcement on 10 September 2013).

FLTEM Survey to commence shortly

The Company plans to shortly commence a FLTEM survey over the Cu-Ni-Co sulphide intersection returned in GRC283. Unfortunately the hole was not cased so DHTM is not immediately possible, however the Company will case future holes in preparation for DHTM surveying during the next drill program.

About Gateway Mining Limited

Gateway holds approximately 150sqkm of tenements over the Gum Creek Greenstone Belt in the Yilgarn Craton, Giddee WA (600km NE of Perth). The tenements have all the hallmarks of a significant new VMS province, along with existing gold mineralisation throughout the project. The Company is well funded and plans to focus exploration efforts on The Cup area for the immediate future. Gateway also has in place an experienced management and technical team.

Competent Person Statement

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Scott Jarvis, the 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 2004 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.

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Appendix 1 – Project Overview and location

