

19 April 2013

## ASX ANNOUNCEMENT

### THICK ZONES OF SULPHIDES IN FIRST EM CONDUCTOR HOLE DRILLED

#### Highlights

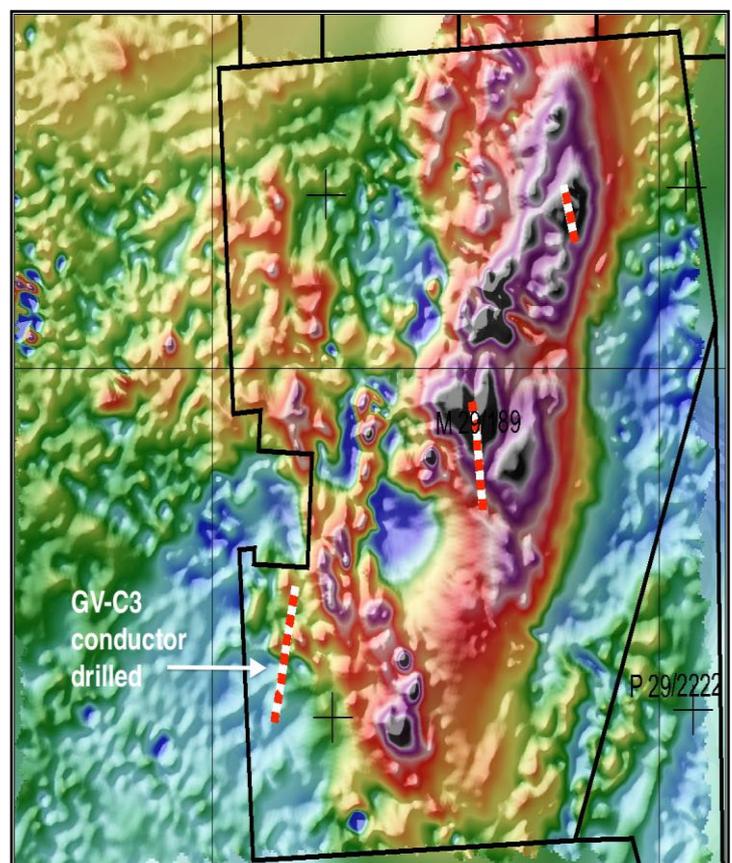
- 75m of sulphides encountered between 41m to 120 (end of hole) including:  
21m of stringer and disseminated sulphides intersected between 41m to 62m down hole; and  
a further 54m of finely disseminated sulphides from 66m to 120m
- Down hole EM survey to follow drilling
- Drilling progressing on further two EM conductors

Stratum Metals Limited (ASX: SXT) (“Stratum”) is pleased to announce drilling of the first hole has been completed of the program to test three EM conductors on the East Menzies Goldfields Project (EMGP). The RC hole (EMCON-03) targeting mining licence conductor GV-C3, drilled to a depth of 120 metres, was completed yesterday and the company has now received the geological logging from the field. This logging indicates sulphide mineralisation was intersected from 41 metres down hole.



The drilling has intersected a zone from 41m to 62m down hole where sulphides are present in stringer and disseminated form at concentrations ranging from 5% to 20% based on visual estimation.

Following this zone are persistent disseminated fine sulphides at concentrations of ~1% from 66m to 120m (end of hole).



Based on this information it is assumed the conductor modelled from the Moving Loop TEM data has been intersected. This will be further confirmed with the completion of a down hole EM survey, expected to be completed in the coming week.

Previous interpretation by Southern Geoscience Consultants interpreted the GV-C3 conductor as a strong TEM anomaly with a 490m strike length that is relatively shallow with a moderate to shallow dip to the west.

The conductor is open and only partially defined due to the previously limited initial survey coverage. The recent Fugro HELITEM program has now been successfully completed with results and interpretation pending to assess for extensions to the existing conductors and for future conductors within Stratum's EMGP area.

The drill rig has now started the hole targeting conductor GV-C2 and from there will move to test conductor GV-C1. Upon completion of these three holes samples will be dispatched to the laboratory for analysis.

The results of this laboratory analysis will allow the company to determine the potential economic significance of the intersection of sulphides in drill hole EMCON-03 and any potential intersections from the remaining holes.

The visual results from our first hole on the project are very encouraging. I look forward to the return of the HELITEM final data combined with assay results and down hole EM. This combined data will give the Stratum team significant information to zone in on the source.

Regards,

A handwritten signature in black ink, appearing to read 'Martin Holland', with a long horizontal flourish extending to the right.

Martin Holland  
Managing Director

**Attribution**

The information in this release that relates to Exploration Results and planning is based on information compiled by Todd Axford, who is a member of the Australasian Institute of Mining and Metallurgy. Todd Axford is a contracted to the company, and has sufficient experience relevant to the styles of mineralisation and type of deposit under consideration and to the activity he is undertaking, to qualify as a Competent Person as defined in the December 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Todd Axford consents to the inclusion in the release of the matters based on his information in the form and context in which it appears.



### **About Stratum Metals Limited**

Stratum Metals Limited was formed to utilise some of the latest innovations in geosciences to target areas in Western Australia prospective for the discovery of gold and copper-gold ore bodies.

Stratum Metals has acquired a tenement portfolio located in the prospective gold and copper mineralisation region of Yilgarn in Western Australia. These tenements cover a range of mineralising systems in known and emerging mineral provinces in Western Australia, where potential exists for new gold, copper and nickel discoveries.

Stratum Metals has commenced comprehensive and intensive exploration of the targets identified in the search for new ore bodies.

## Summary of drill hole EMCON-03

Hole Collar: ~314240E, 6715010N (MGA94 Zone 51). Azumith: 090. Dip -55 degrees.

<b>Interval (m)</b>	<b>Description</b>	<b>Sulphide %</b>
0 to 41	<b>Basalt</b> – scattered quartz veining with carbonate and chlorite alteration	-
41 to 49	<b>Mafic Sediment/Tuff</b> – 5-10% sulphide minerals proximal to quartz veining	5-10%
49 to 50	<b>Basalt</b>	-
50 to 64	<b>Mafic Sediment/Tuff</b> with minor chert – 20% stringer sulphide minerals from 50 to 57m, followed by visual estimate 7% disseminated sulphide minerals from 57 to 62m	20% 7% 1%
64 to 65	<b>Felsic Intrusive</b>	-
65 to 66	<b>Chert</b>	-
66 to 68	<b>Mafic Sediment/Tuff</b> with minor chert – finely disseminated sulphides ~1%	1%
68 to 71	<b>Felsic Intrusive</b> – finely disseminated sulphides ~1%	1%
71 to 81	<b>Mafic Sediment/Tuff</b> with minor chert – finely disseminated sulphides ~1%	1%
81 to 83	<b>Dolerite</b> (visible feldspar within mafic ground mass) – finely disseminated sulphides ~1%	1%
83 to 89	<b>Felsic Intrusive</b> – finely disseminated sulphides ~1%	1%
89 to 120 EOH	<b>Porphyry</b> – Feldspar porphyry with intermediate ground mass and finely disseminated sulphides ~1%	1%

NOTE: Concentration of sulphides based on visual estimation. Being the first hole drilled the presence of economically significant minerals cannot reliably be identified visually without the assistance of assay results.

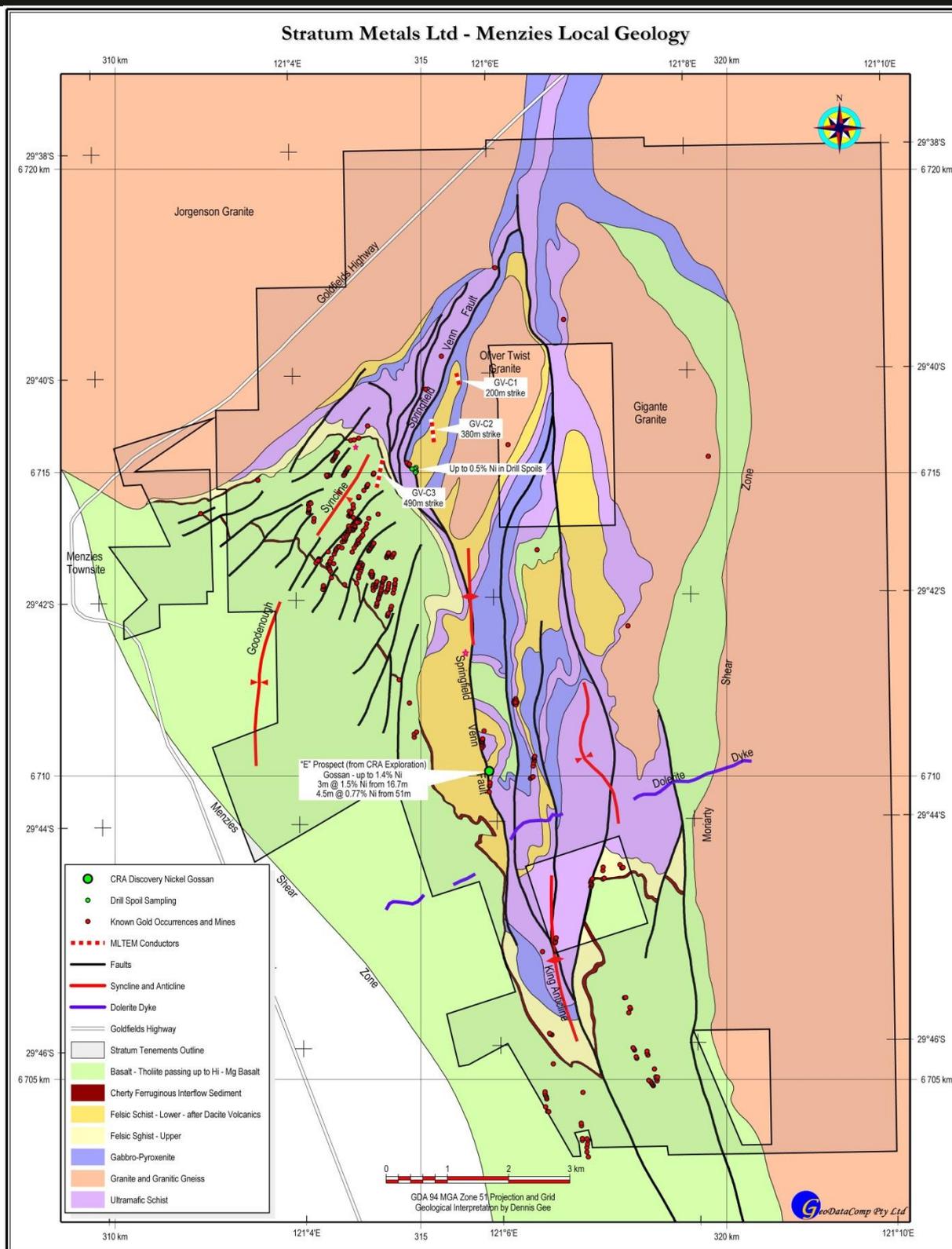


Figure 1:

Project geology showing location of EM conductors (GV-C1, GV-C2, GV-C3)