



## METEORIC RESOURCES

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23 July 2014

Ms Elizabeth Harris  
Principal Advisor  
ASX Limited  
Level 8 Exchange Plaza  
2 The Esplanade  
**PERTH WA 6000**

Dear Elizabeth

**RE: Amended ASX Release**

Pursuant to your request, we attach a re-lodgment of the ASX release previously lodged on 16 July 2014.

This release now includes the additional Table 1 disclosures required by the JORC Code.

Please note that this lodgment is **NOT** the ASX release alluded to when request for a trading halt was made and granted yesterday.

Yours faithfully

**Rudolf Tieleman**  
**Company Secretary**  
**Meteoric Resources NL**

**Amended ASX Release**  
**ASX codes: MEI and MEICA**  
23 July 2014  
(Originally lodged 16 July 2014)



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## 280 KIMBERLITE TARGETS AT WEBB

A detailed, high resolution aeromagnetic survey has been completed over the main tenement block covering the Webb kimberlite field and over a tenement covering a separate target to the north east. The survey comprised 11,800 line-km at a 100m line spacing. Interpretation of this detailed dataset by a consulting geophysicist has increased the number of kimberlite targets in the Webb field from 80 to 280. The significant increase in the number of aeromagnetic targets is a result of the closer line spacing and higher resolution of the recent survey which reveals features not apparent in the previous surveys. Figure 1 shows the aeromagnetic targets and kimberlite pipes identified to date.

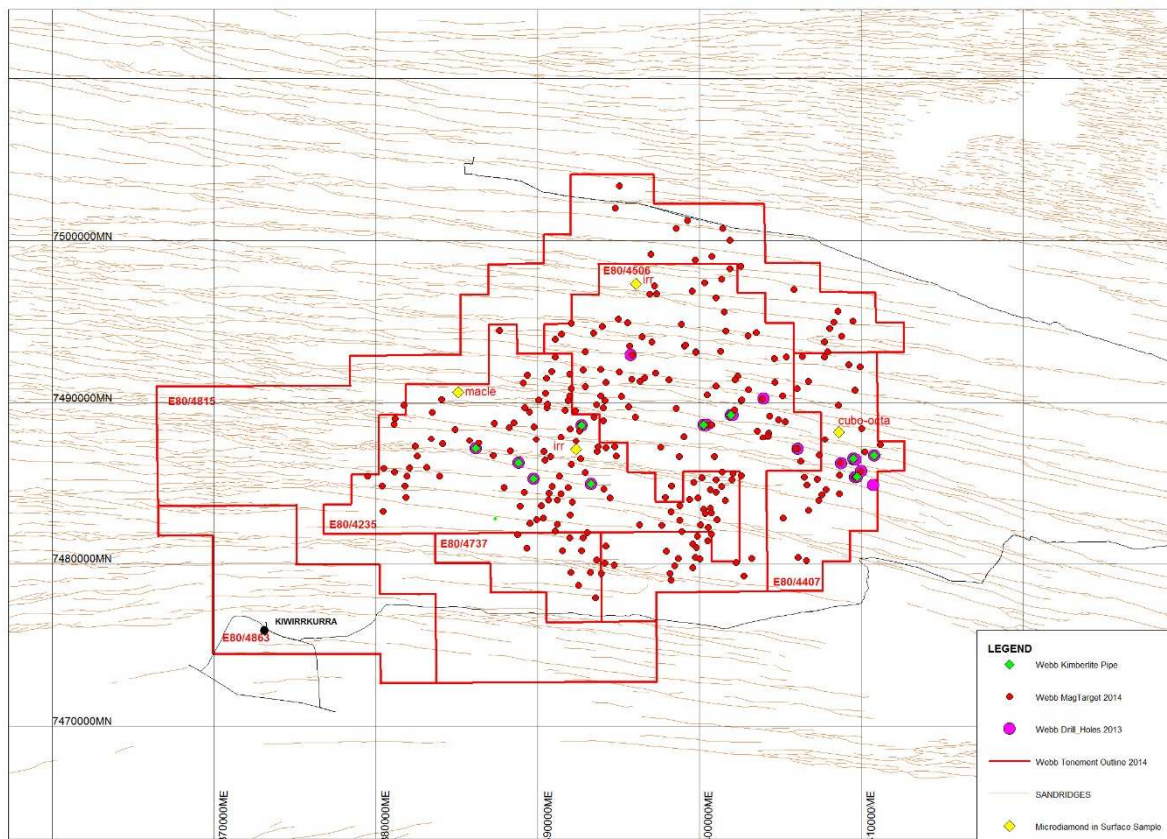


Figure 1  
**Webb Kimberlite Field, Aeromagnetic Targets and Kimberlite Pipes**

A distinct clustering of some of the numerous targets is evident and further interpretation of this detailed dataset is in progress in order to assess and prioritise targets for drilling.

A programme of infill loam sampling has also been completed, to follow up the encouraging results announced from the first pass survey (MEI ASX release 6 February 2014) when anomalous trends of indicator minerals, including microdiamonds, were identified. 142 loam samples (about 14 tonnes in total weight) have been taken in the recent programme and freighted to Perth for processing to test for indicator minerals and microdiamonds.

Planning of heritage surveys over the new targets is well advanced, following which a 5,000-6,000m RC drilling programme is anticipated to start in early August. The drilling strike rate to date has been high with 10 kimberlite bodies identified from drilling of 16 aeromagnetic targets. Drilling of 6 of these targets did not penetrate the cover rocks and they remain to be tested. The objective of the next phase of drilling will be to obtain unweathered samples from a spread of target clusters throughout the field and from priority targets identified from the recent aeromagnetic survey and loam sampling. These samples will then be tested for both micro and macro diamonds.

Joint venture partner GeoCrystal has earned a 51% interest in Meteoric's interest in the tenements and elected to continue to sole fund exploration on the Webb kimberlite field discovery. Under the terms of the Webb Diamond Joint Venture, GeoCrystal may earn up to 70% of Meteoric's interest in the JV tenements by sole funding the first \$2 million of expenditure.

For more information on the company visit [www.meteoric.com.au](http://www.meteoric.com.au)

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#### Competent Persons' Statement

The information in this report that relates to Exploration Results is based on information compiled or reviewed by Roger Thomson BSc (Hons), ARSM, a Competent Person, who is a Member of the Australian Institute of Geoscientists and the Australasian Institute of Mining and Metallurgy. Roger Thomson is self-employed consultant to Meteoric Resources. Roger Thomson has sufficient 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 'Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Roger Thomson consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

# JORC Code, 2012 Edition – Table 1

## Section 1 Sampling Techniques and Data

Criteria	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>No physical sampling of soil, regolith material or rock was undertaken during the reported programme. The programme comprised an airborne magnetic survey.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>No drilling was carried out during the reported programme</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>No drilling was carried out during the reported programme</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>No logging was carried out during the reported programme</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>No sub sampling was carried out in the reported programme</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li>No assaying was carried out in the reported programme</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>No sampling was carried out in the reported programme</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>Navigation and positioning of the aeromagnetic data was achieved using a Novatel GPS Receiver. Datum GDA 94 and projection MGAZ52 was used. The sample rate was 0.05 seconds (20Hz) using a single sensor.</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Flight lines were spaced at 100m intervals.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>Flight lines were oriented N-S. The geological structures controlling the location of the kimberlite bodies are not understood at this stage.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>The aeromagnetic data was stored in digital format and kept confidential by the contractor.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>E-W tie lines were flown at 1km line spacing to check the veracity of the aeromagnetic data. A base station was used to correct for diurnal variations.</li> </ul>

## Section 2 Reporting of Exploration Results

Criteria	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>The aeromagnetic survey was flown over granted exploration licences E80/4235, 4407, 4506, 4737, 4815 and 4816. Meteoric Resources NL holds the tenements except for E80/4506 where Meteoric holds the right to acquire up to a 90% interest. GeoCrystal Ltd has earned a 51% interest in the tenements (including 51% of Meteoric's rights in E80/4506). If GeoCrystal elects to earn an additional interest, Meteoric will retain a 30% interest in the tenements (and up to 27% of E80/4506). The tenements are situated within an aboriginal reserve and are the subject of a Mineral Exploration and Land Access Agreement. Access to some of the target areas is subject to heritage clearance surveys scheduled to be completed within the next month. Ministerial entry permits have been granted for E80/4235, 4407 and 4506. Entry permits for the remaining tenements are anticipated within the next month. There are no other known impediments to obtaining a licence to operate in the area.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Prior to grant of the tenements there has been no on-ground exploration for diamond bearing kimberlite pipes in the tenement area.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>The project is situated on the Webb 1:250,000 geological map. The district is underlain by up to 1,000m of Proterozoic aged Heavytree Quartzite which is</li> </ul>

Criteria	Commentary
	<p>overlain by carbonate rocks of the Bitter Springs Formation and post-Permian fluvial and deltaic sandstones and siltstones known as the Angas Beds. These sequences are interpreted to overlie Archean aged basement rocks of the Arunta Complex. Kimberlite bodies intrude the Proterozoic sediments and are overlain by the Angas Beds. The kimberlite bodies occur as discrete volcanic intrusions which occur in clusters over an area of some 1,000sq km.</p>
<b><i>Drill hole Information</i></b>	<ul style="list-style-type: none"> <li>No drill hole information was generated during the reported programme</li> </ul>
<b><i>Data aggregation methods</i></b>	<ul style="list-style-type: none"> <li>The aeromagnetic data has been gridded and processed using industry standard methods.</li> </ul>
<b><i>Relationship between mineralisation widths and intercept lengths</i></b>	<ul style="list-style-type: none"> <li>No relationship between mineralisation widths and intercept widths were established because no drilling was completed during the reported programme</li> </ul>
<b><i>Diagrams</i></b>	<ul style="list-style-type: none"> <li>Refer to the diagram in the body of the text.</li> </ul>
<b><i>Balanced reporting</i></b>	<ul style="list-style-type: none"> <li>All relevant results of the aeromagnetic survey have been reported. Interpretation of the results is ongoing and subject to change.</li> </ul>
<b><i>Other substantive exploration data</i></b>	<ul style="list-style-type: none"> <li>The aeromagnetic survey was flown by MagSpec Airborne Surveys at a 70m flying height and using a 100m line spacing. The data was subject to a stringent quality control process prior to further processing. The gridded data was interpreted by consulting geophysicists R K Jones and Associates, including the identification of kimberlite targets.</li> </ul>
<b><i>Further work</i></b>	<ul style="list-style-type: none"> <li>Following the completion of processing of 14 tonnes of regolith material and heritage clearance surveys, further drill testing of selected targets will continue aimed at confirming the presence of kimberlite and providing material to test for the presence of diamonds.</li> </ul>