

10 September 2014

## ADDITIONAL & ENCOURAGING GRAPHITE MINERALISATION

### Highlights

- **2<sup>nd</sup> suite of tenements under option showing encouraging mineralisation**
- **Mahenge South West tenement contains two lodes of graphitic schist**
- **Confirmation that Wider Mahenge province has potential to host significant Graphitic Structure**
- **Confirmation of settlement of option payment**

**Green Rock Energy Limited** (ASX.GRK) (“**Green Rock**” or “**the Company**”) is pleased to announce encouraging early stage exploration results from its reconnaissance mapping, sampling and trenching programme associated with Green Rock’s 2<sup>nd</sup> suite of Mahenge Tenements announced on 22 August 2014.

Geophysical due diligence continues across these three tenements, Green Rock Director Gabriel Chiappini confirmed; *“Green Rock’s geological consultant, Steve Tambanis observed significant zones of graphitic outcropping and mineralisation across two of the three tenements where we conducted our sampling and trenching. We anticipate that we will be able to survey the yet to be unexplored licence later this month.*

*We are pleased to report that first pass reconnaissance exploration has generated very encouraging results.*

*In addition, we continue on with our sampling and trenching programme at Mahenge North and it is satisfying to confirm that this prospect continues to provide corroborating data on the province’s mineralisation potential. ”*

Table 1 below summarises Green Rock’s four tenements currently under agreement to be acquired.

Following the company’s strategic decision to become a Graphite company<sup>1</sup>, Green Rock has rapidly increased its land area within the Mahenge Province to 665km<sup>2</sup>.

Green Rock Director Gabriel Chiappini stated, “*Excellent initial results<sup>2</sup> such as Trench 1 at Mahenge North which returned 56m at 11.58% total graphitic carbon (TGC) and TREPW03, which returned 76m@7.45% TGC are supportive of Green Rock’s understanding of the prospectivity within our current suite of Licences.*”

Table 1. Summary of GRK tenure under option

<b><u>Name</u></b>	<b><u>Area km<sup>2</sup></u></b>
Mahenge North	292.41
Makonde	24.83
Mahenge Southwest	208.67
Mahenge East	139.66
<b>Total square km</b>	<b>665.57</b>

Photo 1. Trench at Makonde tenement, showing extensive near-surface graphitic schist outcrop. Note the abundant graphitic schist float rock to the right of the trench.



#### Footnotes

1. Subject to Shareholder Approval and ASX Listing Rules
2. Refer announcement 5 September 2014

Figure 1. Map of GRK tenure under option at Mahenge

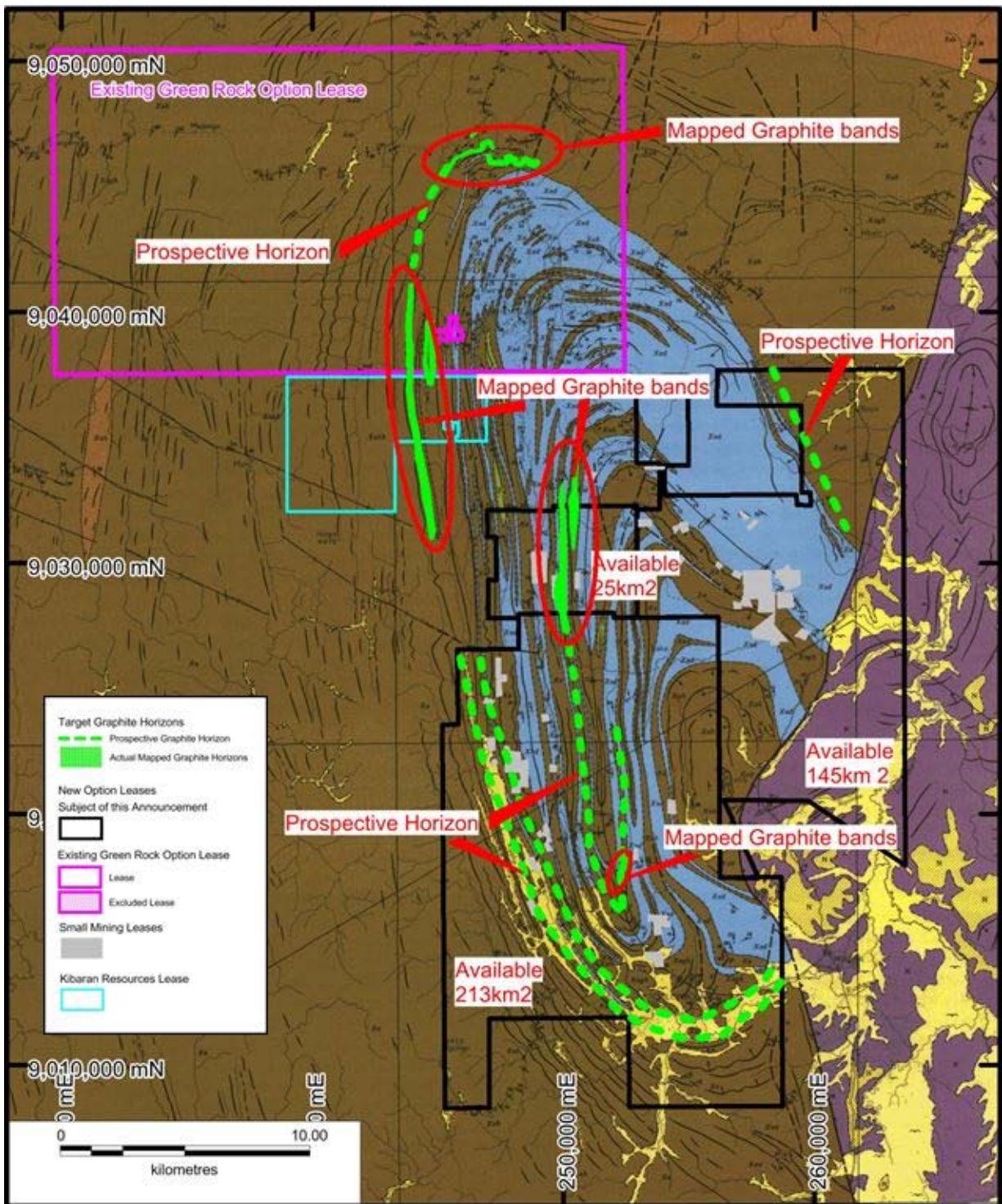
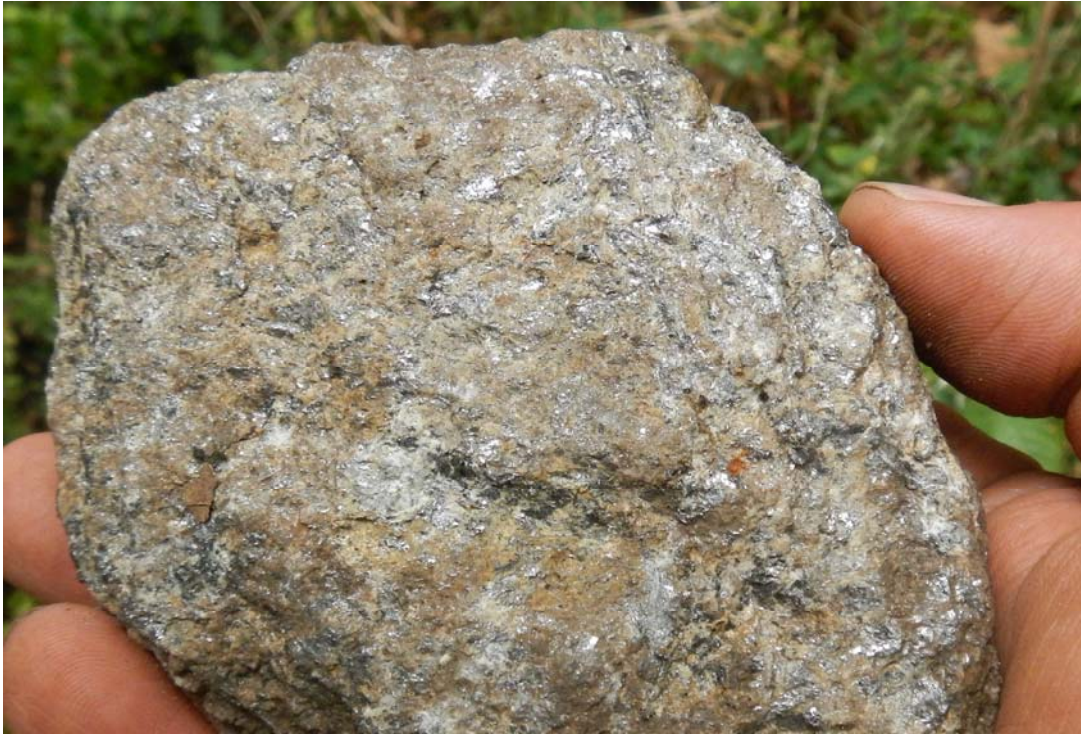


Photo 2. Float rock at Mahenge Southwest tenement, showing abundant coarse flake graphite.



## Summary

In view of the highly encouraging early results. Green Rock will continue with its geological due diligence programme that comprises mapping, trenching and rock chip sampling.

The tenure under option has returned a large geological footprint of graphitic mineralisation, providing more confidence that it could host a significant graphite resource.

Gabriel Chiappini confirmed, *“Green Rock anticipates that it will imminently be in a position to finalise its investment decision on whether to exercise the options to acquire the Mahenge North project and the 2<sup>nd</sup> Suite of tenements.”*

For further information

### ***Gabriel Chiappini***

Director

T: +61 (08) 9327 1766      E: [info@greenrock.com.au](mailto:info@greenrock.com.au)

#### ***About Green Rock Energy Limited***

- A 100% interest via an option agreement in the Mahenge North Graphite Project in Tanzania
- A 100% interest via an option agreement in the Mahenge Graphite Projects in Tanzania
- A 100% interest in the Ocean Hill Block in the Perth basin, subject to the successful completion of Native Title negotiations.
- A joint venture with MOL in Hungary for geothermal power generation (GRK 35%)

**Competent Person Statement**

*The information in this report that relates to Exploration Results is based on information compiled by Steven Tambanis, who is a member of Australian Institute of Mining and Metallurgy. Steven Tambanis 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 2004 and 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Tambanis consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.*