



elemental
minerals limited

THE COMPANY IS PLEASED TO ANNOUNCE THE START OF ITS PHASE 2 RESOURCE INFILL AND EXPANSION DRILLING AND METALLURGICAL TEST WORK PROGRAMME AT THE SINTOUKOLA POTASH PROJECT IN THE REPUBLIC OF CONGO

HIGHLIGHTS:

- As part of its ongoing Definitive Feasibility Study (DFS) the company has commenced its Phase 2 field programme comprising some 47 drill holes (13,295m) for resource infill, resource expansion, geotechnical and hydro-geological purposes, as well as met sampling and 2D seismic.
- The resource infill programme at the Kola deposit includes additional diamond drilling and a close-spaced 2D seismic survey with the aim to enhance the geological and resource models and allow upgrading of the resource classification.
- The resource expansion programme comprises 13 diamond drill holes around the periphery of the Kola deposit (at up to 2km step-outs from existing resource delineation drill holes) and an extension of the seismic grid.
- A new Exploration Target* of between 0.32Bt and 1.08Bt of potash mineralisation grading between 19% K₂O (30.15% KCl) to 21% K₂O (33.33% KCl) has been modelled in the area to be tested by the resource expansion programme. The Exploration Target* surrounds and is in addition to the previously announced Indicated and Inferred Mineral Resources of 804Mt at 19.53% K₂O (31.00% KCl) at a 15% K₂O cut-off grade.
- A programme of sampling has been planned to allow detailed metallurgical test work and process design.
- Significant geotechnical and hydro-geological investigations are also to be completed.
- DFS is scheduled to be completed early 2013

As announced recently, Elemental Minerals Limited, ASX: ELM, ("Elemental") has started the Definitive Feasibility Study for the Sintoukola potash project located in the Republic of Congo (Fig.1). Elemental is now pleased to announce the commencement of its Phase 2 field programme including exploration and other drilling work in support of the DFS. This programme is expected to deliver a code compliant resource estimate in the appropriate resource category for conversion into mine reserves and also to provide hydro-geological, metallurgical and geotechnical data in support of the mine and process plant design.

**The potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.*

The drilling component of the Phase 2 programme (Fig. 2) consists of a total of 47 drill holes for 13,295m, of which 6 drill holes are designed for the gathering of geotechnical, structural and hydro-geological information, 13 drill holes for resource extension drilling, 10 drill holes for resource conversion and 18 hydro-geological drill holes (8 hydro-geological drill are holes not depicted on the map). The drilling programme may evolve as results are forthcoming.

On the 4th April 2011 the company reported its maiden JORC compliant mineral resource estimate. This amounted to total Indicated and Inferred Mineral Resources within the Kola deposit of 804Mt at 19.53% K₂O (31.00% KCl) at a 15% K₂O cut-off grade. This included a high-grade zone (20% K₂O cut-off) containing estimated Indicated and Inferred Mineral Resources of 337Mt at 25.19% K₂O (39.86% KCl). These Mineral Resources were prepared by independent resource industry consultants CSA Global Pty Ltd ("CSA") and were reported in accordance with the Australasian Joint Ore Reserves Committee Guidelines for Reporting of Exploration Results, Mineral Resources and Ore Reserves, 2004 (the "JORC Code"), which is consistent with the Canadian Institute of Mining, Metallurgy and Petroleum's definition standards.

The Phase 2 resource expansion drilling programme is primarily targeting the upper seam high-grade zone but will also test extensions to both the upper and lower seams in their entirety.

In parallel to the Phase 2 drill programme, approximately 140 line kilometres of high definition 2D seismic data will be collected over the Kola deposit to provide high resolution of subsurface deformation patterns and allow detailed ore body modelling, which is expected to provide the required level of confidence in the mine planning phase of the DFS.

Elemental Managing Director, Iain Macpherson, commented:

"The maiden JORC mineral resource statement was a tremendous result and demonstrated the potential for the Sintoukola potash project to develop into a significant low cost potash producer and provides the company with a very robust platform to complete the definitive feasibility study that is now underway.

The Phase 2 exploration and metallurgical test work programme in support of the ongoing DFS has now started with field preparation underway and drilling due to commence within four to six weeks.

I look forward to releasing further news to the market over the coming weeks and months as the feasibility study and resource drilling bears results that I am confident will not only further demonstrate the potential of Sintoukola to become a significant low cost, near term potash producer, but will also confirm the potential scale of the resource over the greater Sintoukola licence."

Competent Person Statement:

Scientific or technical information in this release has been prepared by Dr Simon Dorling and Jeff Elliott, of CSA Global Pty Ltd, the company's geological consultants. Dr Simon Dorling and Mr Jeff Elliott are members of the Australasian Institute of Geoscientists (MAIG) and have sufficient experience which is relevant to the style of mineralisation under consideration and to the activity which they are undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Dr Simon Dorling and Mr Jeff Elliott consent to the inclusion in this report of the Information, in the form and context in which it appears.

Forward-Looking Statements:

This press release contains statements that are "forward-looking". Generally, the words "expect," "intend," "estimate," "will" and similar expressions identify forward-looking statements. By their very nature, forward-looking statements are subject to known and unknown risks and uncertainties that may cause our actual results, performance or achievements, to differ materially from those expressed or implied in any of our forward-looking statements, which are not guarantees of future performance. Statements in this press release regarding the Company's business or proposed business, which are not historical facts, are "forward looking" statements that involve risks and uncertainties, such as resource estimates and statements that describe the Company's future plans, objectives or goals, including words to the effect that the Company or management expects a stated condition or result to occur. Since forward-looking statements address future events and conditions, by their very nature, they involve inherent risks and uncertainties. Actual results in each case could differ materially from those currently anticipated in such statements.

Investors are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date they are made.

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Figure 1: Location of Sintoukola Potash Permit and historic drill hole locations.

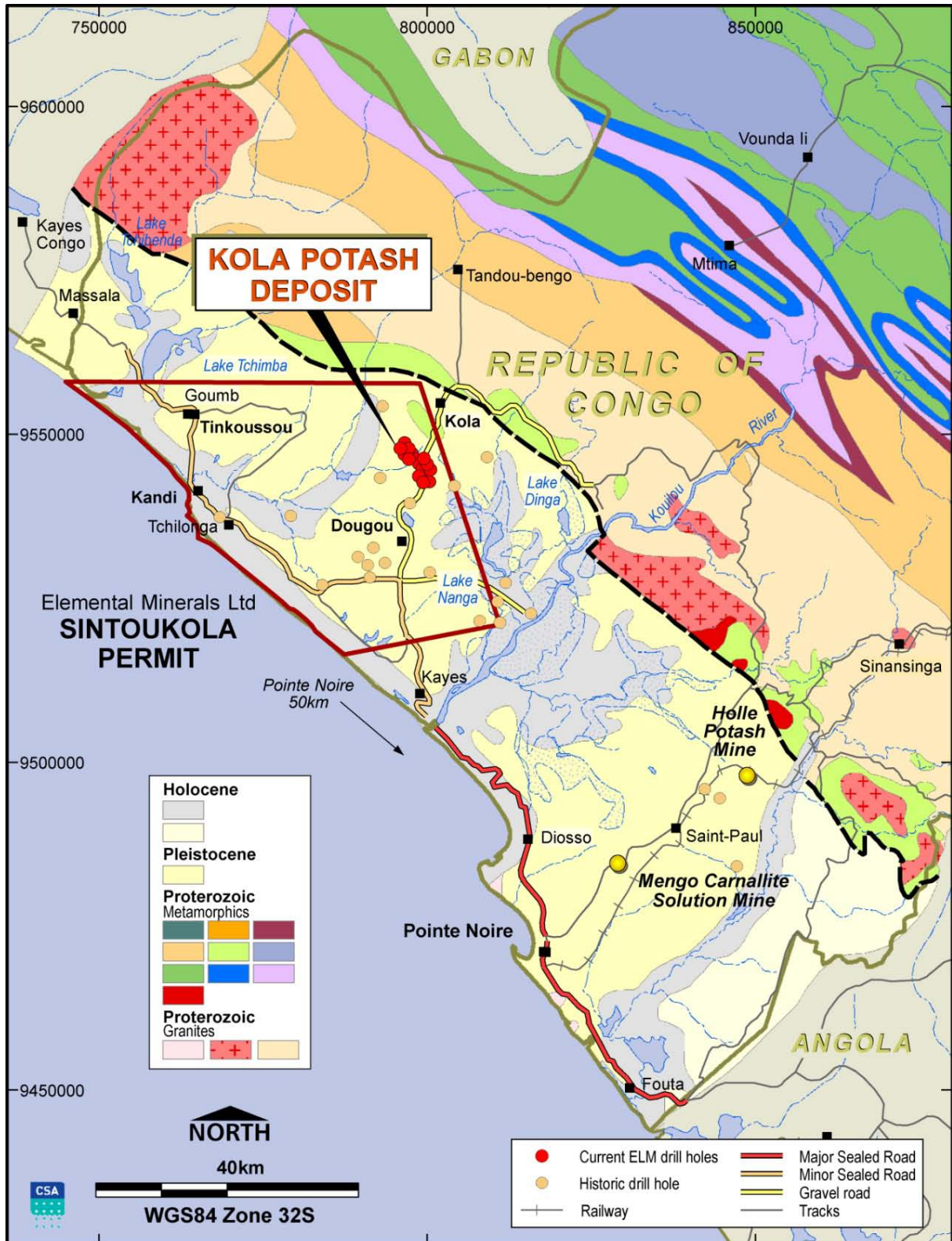
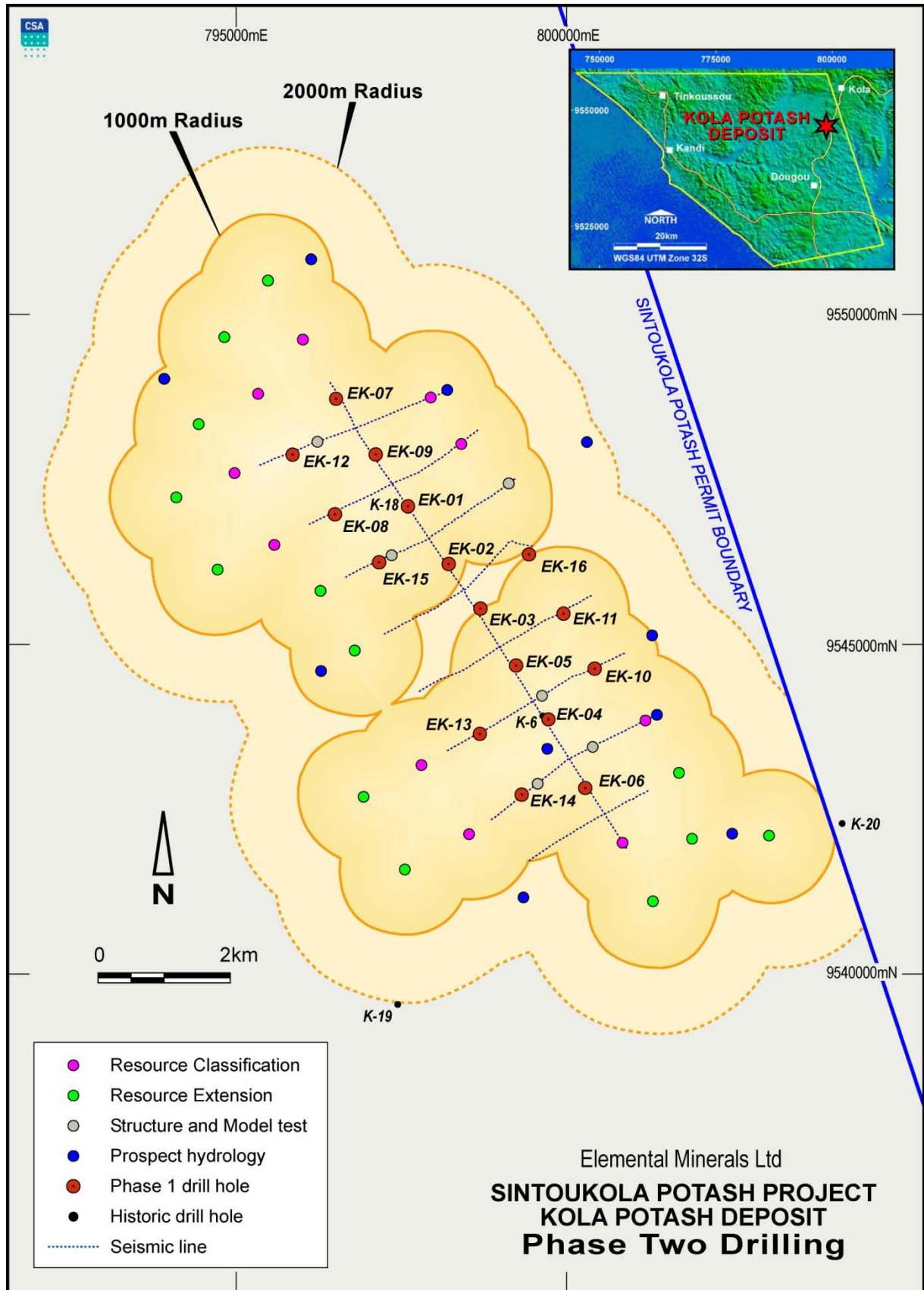


Figure 2: Existing drilling and proposed Phase 2 drill hole locations



Elemental Minerals Ltd
SINTOUKOLA POTASH PROJECT
KOLA POTASH DEPOSIT
Phase Two Drilling