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Rome Resources PLC
25 February 2025

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Rome Resources Plc
("Rome" or the **"Company")**

High-Grade Tin Intercepts at Kalayi - Drilling Confirms Depth Potential

Rome Resources Plc (AIM: RMR), the DRC-focused tin explorer, announces further assay results from two diamond core drill holes at its Kalayi tin prospect located in North Kivu, the Democratic Republic of Congo (the "**DRC**"). These results confirm the presence of high-grade tin mineralisation across multiple sub-parallel ore shoots validating the Company's geological model and reinforcing the potential of tin as the Company's drilling campaign moves closer to the interpreted granitic source.

The Company remains focused on defining a maiden inferred mineral resource estimate at Kalayi on its Bisie North Project, with drilling covering only 30% of the identified 2,000m tin-in-soil anomaly. Mineralisation has been confirmed from surface, remaining open at depths beyond 250m, with visible cassiterite observed in the deepest hole to date (~ 220m below surface).

Kalayi Highlights: Expanding Potential with High-Grade Tin

- **KBDD015:3.3m at 1.77% Sn** from 96.85m; **5.7m at 1.35% Sn** from 147.90m (including **2.85m at 1.98% Sn**); and
- **KBDD016:**9.5m at 0.60% Sn from 126.45m (including **1.7m at 1.61% Sn**)

Key Takeaways:

- **Strong mineralisation continuity**: Assay results confirm a pinch-and-swell system, with tin mineralisation remaining open beyond 250m depth.
- **Final drill holes underway**: Two additional shallower holes will complete the current drill programme.
- **Assay results from two holes remain**: Assay results from the southernmost hole and the deepest drilled to date at Kalayi are expected to show continuity of mineralisation on strike and at depth.
- **Geological similarity to Alphamin**: The system continues to show characteristics similar to Alphamin's Mpama South deposit, with potential for deeper high-grade mineralised zones.
- **Depth extension strengthens resource potential:** Tin mineralisation intercepted 80m below KBDD015 and KBDD016 is expected to materially enhance the resource potential, significantly expanding the known mineralised system.
- **Tin market strength**: With tin prices nearing **~US$34,000/t**, these intercepts highlight the potential for economic mineralisation, particularly as drilling extends deeper.

The drill rig at Kalayi was mobilised to Mont Agoma to improve productivity where adverse drilling conditions have resulted in delays to completing the initial Mont Agoma programme. The rig will be returned to Kalayi in due course to **complete the remaining holes**, ensuring the **partial extent of the tin system** is captured in the upcoming maiden inferred resource estimate.

Exploration Update & Forward Plan

- Rome remains fully funded for its current programme following its £4.2 million strategic investment from Stanvic Mining, enabling an accelerated exploration programme in 2025.
- Assay results from MADD018 at Mont Agoma, which intersected over 100m of visible copper mineralisation, are expected to be available shortly. This will be a critical test for the potential scale of copper mineralisation associated with the 2,000m copper in soil anomaly.
- Drilling continues at both Kalayi and Mont Agoma, with a focus on extending high-grade tin zones and advancing towards a maiden inferred mineral resource estimate.
- Ongoing deeper drilling is testing the mineralisation zonation model, seen in world-class tin mines such as Alphamin's Mpama deposits and San Rafael in Peru, where grades have strengthened significantly at depth.
- Drill results at Kalayi confirm economic-grade tin mineralisation and support the potential for open-pit development, with mineralisation now confirmed across multiple zones.

Operations remain unaffected by unrest in Goma and Bukavu. The Company has proactively relocated its logistical base to Kisangani, ensuring full operational capacity and continuity of exploration. The remote proximity of Rome's projects as well as the limited infrastructure surrounding the projects reduces the Company's exposure to regional unrest.

Paul Barrett, Chief Executive Officer of Rome Resources Plc, commented:

"With tin trading at near-record levels of ~US$34,000/t, our latest results further reinforce Kalayi's economic potential. These new results build on our confidence in the project's growing scale and the continuity of high-grade tin mineralisation at depth. We now have clear evidence of a strong system extending across multiple zones, improving widths and grades as we drill deeper towards the granite source."

"With over 4,135m drilled to date, we are moving rapidly towards defining our maiden inferred mineral resource estimate, which will be a major step in demonstrating the full potential of this emerging tin asset. The combination of high tin grades, growing scale, and Rome's strategic positioning within one of the world's most prospective tin belts places us in a strong position to unlock further shareholder value."

Discussion of Results at Kalayi

Results for KBDD015 and KBDD016 are summarised in Table 1 and shown in Figures 1 and 2. Notably, KBDD018, which targeted the mineralised zone 80m below KBDD016 (as shown in section in Figure 2) has confirmed the continuation of tin mineralisation at depths exceeding 250m below surface. This is a significant finding, as the bulk of the resource at neighbouring Mpama South is below these levels. Similarly, grades and widths at Kalayi may strengthen as drilling advances toward the interpreted underlying granitic source.

The confirmation of tin mineralisation 80m below KBDD015 and KBDD016 significantly expands the known mineralised system at Kalayi. This depth extension is expected to materially enhance the resource potential, reinforcing the geological model and supporting further growth as drilling continues.

Both KBDD015 and KBDD016 reported narrow, high-grade intercepts exceeding 3% tin within the broader zone of mineralisation, reinforcing the potential for a nearby significant mineralised system at Kalayi. The system remains open for further drilling, with additional results expected to provide greater insight into the deposit's full scale.

Samples from remaining holes, KBDD017A and KBDD018 will be sent from Kisangani to Lubumbashi for sample preparation prior to onward transportation to Johannesburg. Results for the bulk of the Kalayi drilling programme are expected in the first quarter of 2025 contributing to theproposed maideninferred mineral resource estimate.

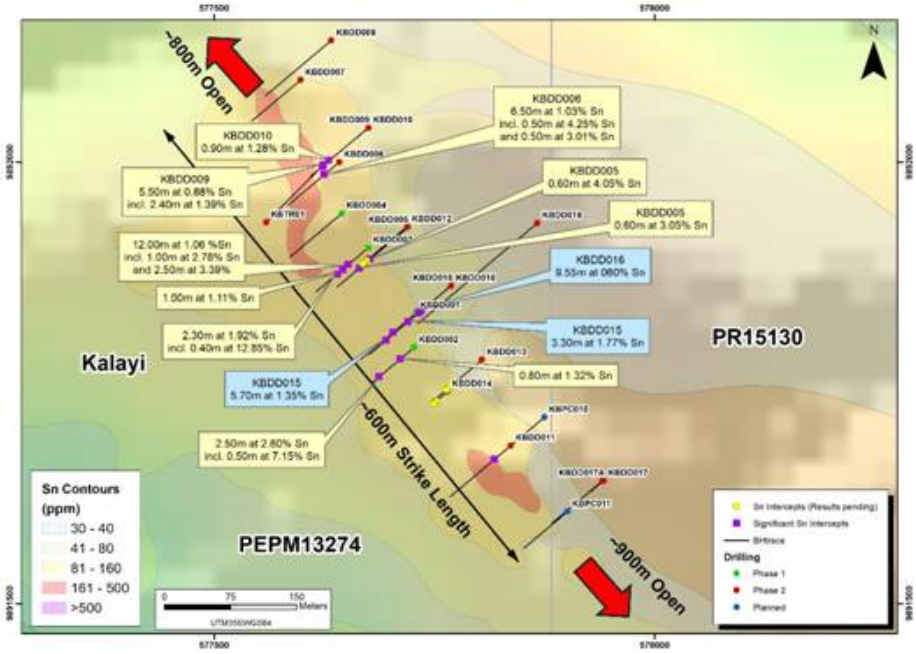


Figure 1. Completed and Planned Holes at Kalayi on the 2,000m tin in soil anomaly

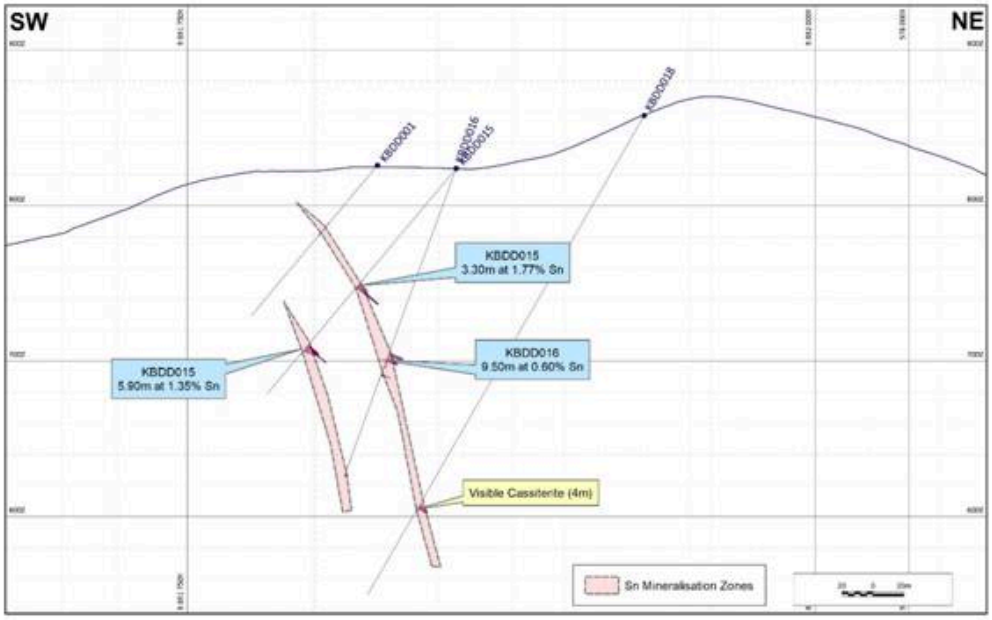


Figure 2: Section with Drill Intercepts across KBDD015 and KBDD016

Table 1: Significant Tin Intercepts at Kalayi (0.1% cut-off grade for Sn; 3m internal dilution)

BHID	From	To	Width	Sn%
KBDD015	96,85	100,15	3,30	1,77
	147,90	153,00	5,10	1,35
KBDD016	126,45	136,00	9,55	0,60
	140,90	141,50	0,60	1,28

For further information please contact:

Rome Resources Plc
Paul Barrett, Chief Executive Officer
Mark Gasson, Chief Operating Officer

Tel. +44 (0)20 3143 6748

Allenby Capital Limited (Nominated Adviser and Joint Broker)
John Depasquale / Vivek Bhardwaj / Lauren Wright (Corporate Finance)
Stefano Aquilino / Joscelin Pinnington (Sales & Corporate Broking)
Tel. +44 (0)20 3328 5656

OAK Securities (Joint Broker)
Jerry Keen, Head of Corporate Broking (jerry.keen@oak-securities.com)
Henry Clarke, Head of Sales (henry.clarke@oak-securities.com)
Tel. +44 (0)20 3973 3678

Camarco (Financial PR)
Emily Hall / Gordon Poole / Sam Morris
Tel. +44 (0) 20 3757 4980

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Qualified Person Statement

Dr Deon Vermaakt is a consultant of Rome Resources plc, a qualified geologist and a registered Professional Natural Scientist (Geological Science) with the South African Council for Natural Scientific Professions (SACNASP Reg. No. 400074/03). Dr Vermaakt is a qualified person (QP) under NI 43-101 and as defined by the AIM Note for Mining, Oil and Gas Companies and has reviewed and approved the scientific and technical information contained in this news release.

Dr Vermaakt is satisfied that the results returned for the QAQC samples for holes KBDD015 and KBDD0016 which were inserted at regular intervals throughout the samples and reported grades which were well within acceptable ranges as per industry standard.

The one sample batch consisted of 193 samples, of these 25 was QAQC samples. Five duplicates were inserted, 12 CRM's and 8 Blank samples were inserted, all returned acceptable industry results.

Furthermore,Dr Vermaakt reviews all the sampling procedures on an on-going basis. The handheld Niton XRF is frequently checked and calibrated to ensure accurate analysis and measurements.

Glossary

Diamond Core Drill:	Diamond core drilling uses a diamond cutting bit, which rotates at the end of a steel rod (tube) allowing for a solid column of rock to be recovered from the tube at the surface
en echelon:	Parallel or subparallel, closely-spaced, overlapping, or step-like structural features in rock
Km:	Kilometres (Metric)
M:	Metres (Metric)
Niton XRF:	A portable x-ray fluorescence analyser
Gossan:	A generally hard oxidised surface zone of an ore body
Sn:	The chemical element for tin
Ore Shoot:	An ore shoot is a mineralised mass that is deposited in veins within a planar channel or lode, found in a shear or fault zone, fissure or lithologic boundary

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