

## VIKING COMPLETES HIGH-RESOLUTION AIRBORNE SURVEY AT LINKA TUNGSTEN PROJECT

- **Completion of an ultra-high-resolution orthomosaic drone survey providing 2cm pixel resolution imagery and a detailed Digital Elevation Model (DEM).**
- **Successful identification of five historical survey points from the 1970s, serving as the "spatial anchors" needed to accurately digitise historical drilling and mapping.**
- **Visual confirmation of outcropping tungsten mineralisation and historical infrastructure, directly correlating with historical map records.**
- **Streamlined data integration that bridges the gap between 50-year-old paper records and modern 3D geological modelling software.**
- **Strategic positioning for permitting, with high-fidelity baseline data now available to minimize environmental bonds and expedite exploration approvals.**

**Viking Mines Ltd (ASX: VKA)** ("Viking" or "the Company") is pleased to announce the completion of a high-resolution drone survey and ground investigation at the Linka Project ("Linka" or "the Project") in Nevada. This work provides the centimeter-perfect spatial framework required to unlock the full value of the Project's historical data and accelerate upcoming exploration.

The acquisition of this high-resolution imagery is a foundational step in Viking's strategy to fast-track Linka. By combining modern aerial data with the recently purchased historical records, the Company is creating a high-fidelity "Digital Twin" of the Project area. The most critical outcome of the recent ground investigation was the recovery of five original survey markers from the 1970s. These points allow the technical team to georeference historical maps with absolute confidence. This process transforms historical drill locations into precise 3D coordinates, effectively validating the ~\$1.0M replacement value of the drilling data recently acquired.

The Digital Elevation Model ("DEM") and 2cm resolution imagery provide more than just geological insights, they offer significant operational benefits. Historical shafts, trenches, and drill collars have been identified in the imagery, allowing for the pinpointing of "twin holes" to bring the Project toward JORC standards. The survey also clearly identifies existing historical disturbances. This allows Viking to set a baseline for regulatory agencies, potentially reducing environmental bond requirements and streamlining the Notice of Intent ("NOI") process. Furthermore, the DEM enables accurate volume estimates for surface stockpiles, which were previously identified as potential early-stage processing feed.

**Commenting on the completion of the orthomosaic drone survey, Viking Mines MD & CEO Julian Woodcock said:**

*"This drone survey is the final piece of the puzzle for our data integration phase. It allows us to extract maximum value from our historical datasets by locking them into a modern coordinate system. We are no longer working with estimates; we now have a centimetre-perfect map to guide our drilling and development programs."*



## ORTHOMOSAIC IMAGERY & SURVEY USES

The high-resolution imagery acquired and subsequent DEM across the Linka Project area has multiple benefits including:

- **Historical Data Georeferencing:** Historical survey point location and identification for georeferencing historical maps to extract maximum value.
- **Geological Mapping:** Identification of surface outcrop and geological features for follow up activity.
- **Feature identification:** Historical infrastructure identification e.g. shafts/DH collars etc (Figure 1).
- **Drillhole planning:** Identifying access, surface features and levels of disturbance facilitate efficient planning of drillhole locations considering on ground constraints.
- **Digital Elevation Model (DEM):** Images are processed to produce a DEM for use in 3D software providing an accurate model of the topography.
- **Stockpile Confirmation & Survey:** Imagery and DEM allow estimate of stockpile volumes and tonnages to support sampling campaigns.
- **Permitting:** Provides quality data to be used in the permitting and application process setting a baseline of existing disturbance and minimising environmental bond payments on previously disturbed ground.
- **Infrastructure Planning:** DEM and imagery provide information on existing roads and surface infrastructure and can be used for future infrastructure planning.

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Figure 1; Images of the Linka main shaft showing the comparison in resolution of the Google Earth (left) vs orthomosaic imagery (right) acquired by Viking.





## ONGOING WORK & NEXT STEPS

The Company is utilising the imagery to digitise the historical exploration database with the following steps underway:

- **Georeferencing:** Maps have been aligned in NAD83 Zone 11N providing correct spatial coordinates.
- **Digitisation (Maps):** Digitising of collars, section line locations and other features identified on the maps has commenced.
- **Digitisation (Cross-Sections):** Cross-sections will be georeferenced along the map locations allowing the accurate extraction of downhole assay data intervals.
- **Drillhole Database:** Drillhole collar locations and downhole assay data and intervals will be combined into a drillhole database to be used in 3D geological modelling and drill targeting.
- **Permitting:** Once 3D modelling is complete, the data will be used to finalise drill targets for a NOI submission to Federal Agencies.

In addition the following activities are running in parallel:

- **Metallurgical Testwork:** Testwork has commenced on high grade 1.3% WO<sub>3</sub> metallurgical sample LKMET0004 from the Linka Pit with results expected in February.
- **Geophysical Survey:** Planning is underway to undertake a ground gravity and magnetics survey across the mineralised zone to identify additional drill targets.
- **Regional Project Assessment:** Ongoing technical evaluation of the five additional tungsten projects within the acquisition portfolio.

**END**

This announcement has been authorised for release by the Board of the Company.

Julian Woodcock  
Managing Director and CEO  
**Viking Mines Limited**

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### Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Viking Mines Limited's planned exploration programme and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may," "potential," "should," and similar expressions are forward-looking statements. Although Viking Mines Limited believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statement.

