

ASX:LEG

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ASX Announcement

## CONSISTENT IRON GRADES AND THICKNESS AT MELOMBO WEST

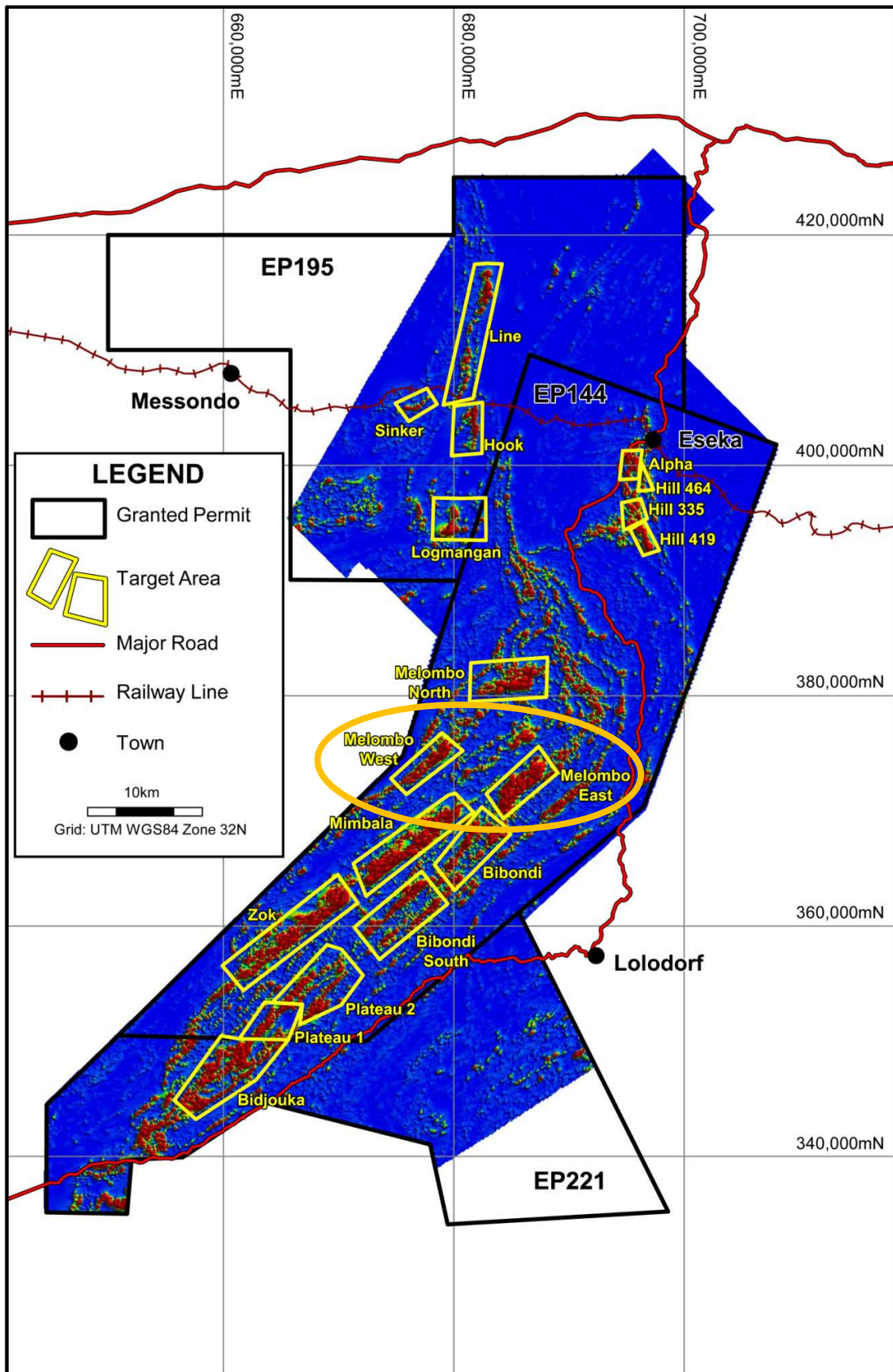
- **Seven hole programme completed**
- **Grades and thicknesses of magnetite consistent with previous results**
- **Three holes sent for assay**

Legend Mining Limited (Legend) is pleased to announce the completion of the planned drilling programme at the Melombo West target – Ngovayang Project, Cameroon (Figure 1). The best intercepts were in NMLWD001 – 53.05m @ 22.6% Fe and NMLWD002 – 125.98m @ 16.3% Fe. These iron grades are measured by Niton XRF analyser and as previously reported, laboratory tests can reasonably be expected to upgrade these values.

Six of the seven holes drilled reported magnetite of similar character and tenor to the results previously announced from the Alpha, Hill 335, Hill 419 and Melombo North targets. Three drillholes, NMLWD001, NMLWD002 and NMLWD006 are being submitted for laboratory analysis and the results will be reported once they are received. A full technical discussion is included in the body of this report.

Legend Managing Director Mr Mark Wilson said, “The consistency of these drill results with those previously reported is a further pointer to the large scale potential of this project. All holes were drilled on topographic highs and further mapping is now being undertaken following new outcrop discovery during the drilling and track construction works”.

The focus of the diamond drilling programme has now turned to the Melombo East target where quite extensive outcrop of magnetite gneiss has been mapped. Access and pad preparation for 16 holes has been completed and the drill programme has commenced. Results will be released as they are received.



**Figure 1: Ngovayang Project – Target Areas over Aeromagnetic Image (Analytical Signal of Total Magnetic Intensity)**

### Technical Discussion

#### Melombo West

Diamond drilling at the Melombo West target has now been completed and comprised seven drillholes, (NMLWD001-007) for a total of 698.47m. The drilling was testing a 6km NE-SW trending ridge with associated aeromagnetic high containing occasional outcrop of garnet-magnetite gneiss. All drillholes intersected magnetic units of variable intensity, explaining the aeromagnetic feature.

Details of the drilling are provided below in Table 1 and shown on Figure 2.

Table 1: Diamond Drillhole Details – Melombo West				
Hole ID	Easting	Northing	Dip/Azimuth	Final Depth
NMLWD001	680004	376406	-90/000	116.98
NMLWD002	679174	375179	-90/000	125.98
NMLWD003	678217	374389	-90/000	98.99
NMLWD004	676967	373203	-90/000	95.98
NMLWD005	676244	372767	-90/000	89.98
NMLWD006	678657	374838	-60/135	83.78
NMLWD007	679171	375168	-60/135	86.78
<b>Total</b>				<b>698.47</b>

Drilling utilised an Ingetrol man portable diamond drilling rig – HQ and NQ core sizes.

Co-ordinates: Universal Transverse Mercator WGS84, Zone 32, Northern Hemis

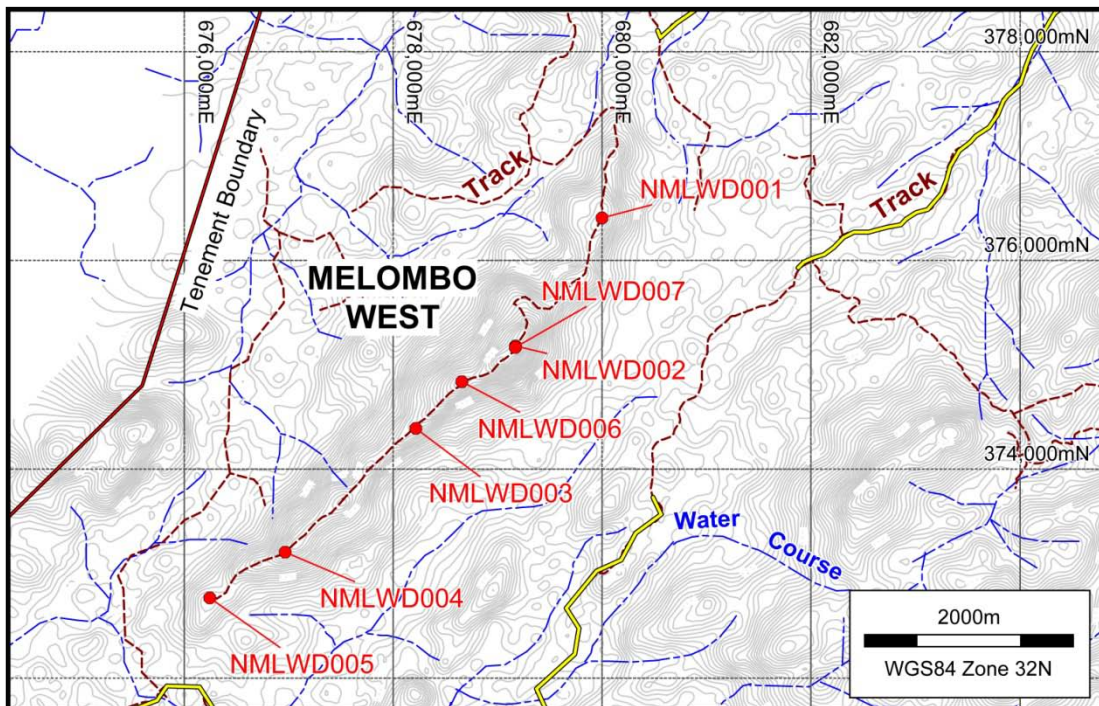


FIGURE 2: Melombo West Diamond Drillhole Location over Topography

Significant thicknesses (42m to 125.98m) of banded/interlayered gneiss with variable magnetite-garnet-biotite-chlorite content were intersected in the four most northeastern holes over a minimum length of 2km. The average iron grades of these holes, as indicated by the Niton XRF analyser range between 16.3% and 22.6% Fe, however as demonstrated in previous announcements, the Niton XRF analyser can underestimate the iron content of garnet-magnetite gneiss by approximately 4-6% Fe.

A summary of Niton XRF analyser results from the Melombo West drillholes is given below.

NMLWD001	<b>53.05m @ 22.6% Fe from 55.05</b>
Incl.	5m @ 32.6% Fe from 58m 19m @ 31.0% Fe from 79
NMLWD002	<b>125.98m @ 16.3% Fe from 0m</b> (entire length of hole)
Incl.	29m @ 19.4% Fe from 0m 9m @ 21.8% Fe from 34m 27m @ 18.5% Fe from 69m 25.98m @ 19.2% Fe from 100m
NMLWD003	20m @ 18.6% Fe from 51m
NMLWD004	7m @ 25.1% Fe from 31m 6m @ 20.1% Fe from 54m
NMLWD005	No significant results.
NMLWD006	<b>42m @ 19.1% Fe from 0m</b>
NMLWD007	<b>86.78m @ 16.3% Fe from 0m</b> (entire length of hole)
Incl.	34m @ 18.3% Fe from 0m

Drillholes NMLWD001, NMLWD002 and NMLWD006 will be submitted for laboratory analysis comprising an iron ore suite of elements by the XRF method and results reported once received.

The Melombo West intersections are encouraging as they are similar in character and tenor to those announced at the Alpha, Hill 335, Hill 419 and Melombo North targets in the north of the Ngovayang Project area. Further interpretation and evaluation is required to assess the potential of magnetite at Melombo West.



*The information in this announcement that relates to Exploration Results has been compiled by Mr Derek Waterfield, a Member of the Australian Institute of Geoscientists and a consultant to Legend Mining Limited. Mr Waterfield has sufficient relevant experience in the styles of mineralisation and types of deposit under consideration, and in the activity he is undertaking, to qualify as a Competent Person as defined in the 2004 Edition of the “Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (the JORC Code), and consents to the inclusion of the information in the form and context in which it appears.*

Visit [www.legendmining.com.au](http://www.legendmining.com.au) for further information and announcements.

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