



An NMDC Company

ASX Announcement  
5 October 2023

## About Legacy Iron Ore

Legacy Iron Ore Limited ("Legacy Iron" or the "Company") is a Western Australian based Company, focused on iron ore, base metals, tungsten and gold development and mineral discovery.

Legacy Iron's mission is to increase shareholder wealth through capital growth, created via the discovery, development, and operation of profitable mining assets.

The Company was listed on the Australian Securities Exchange on 8 July 2008. Since then, Legacy Iron has had a number of iron ore, manganese and gold discoveries which are now undergoing drilling and resource definition.

## Board

**Amitava Mukherjee**, Non-Executive Chairman

**Mr Rakesh Gupta**, Chief Executive Officer and board member

**Mr Vishwanath Suresh**, Non-Executive Director

**A K Padhy**, Non-Executive Director

**Mr Devanathan Ramachandran**, Non-Executive Director

**Ben Donovan**, Company Secretary

## Key Projects

Mt Bevan Iron Ore Project  
South Laverton Gold Project  
East Kimberley Gold, Base Metals and REE Project

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## ASX Market Announcements

ASX Limited  
Via E Lodgement

## DRILLING AT YILGANGI AND PATRICIA NORTH TENEMENTS COMMENCES

Legacy Iron Ore Limited (Legacy Iron or the Company) is pleased to announce the commencement of reverse circulation (RC) drilling at the Yilgangi and Patricia North tenements.

Legacy Iron has identified the two tenements as strategically important. They demonstrate significant exploration potential to contribute additional gold ounces to the Mount Celia Gold Project, which the Company will transition to production in CY2023.

This potential increase to the Company's mineral JORC-compliant resource base justifies further investment to advance the Yilgangi and Patricia North tenements, with the goal of developing to the ore reserve stage.

The combined program across the two tenements totals 3,000 metres of RC drilling for October 2023.

The Yilgangi program plans a total of 2,000 metres for mineral resource definition drilling, targeting down-dip mineralisation. Drill samples will be used to update the geology and mineralisation models and the current resource estimate.

Additionally, a total of 1,000 metres is planned at the Patricia North tenement for further target delineation and early drill testing. It will focus on anomalous gold mineralisation from an earlier phase of rotary-air-blast drilling and significant gold values previously reported from outcrop and traverse mapping. Drill samples will be used to update the geology and mineralisation models to guide future exploration activities.

Drill samples will be dispatched to a Kalgoorlie laboratory for geochemical analysis, with results expected to be reported in Q1 of 2024.

Yours faithfully,  
Rakesh Gupta  
Chief Executive Officer

This announcement has been authorised for release by the Board of Legacy Iron Ore.



*Figure 1. Drilling commences at Yilgangi tenements within the South Laverton project region.*

## **About Yilgangi and Patricia North**

Legacy's South Laverton Gold Project includes the Mt Celia, Yilgangi, Yerilla, Patricia North, and Sunrise Bore tenements (Figure 2).

Yilgangi includes two exploration tenements (E31/1019 and E31/1020) and two mining leases (M31/426 and M31/427) and is approximately 135 kilometres northeast of Kalgoorlie. The tenements are in a favorable geological setting that hosts gold mineralisation, typically hydrothermal altered Greenstone and supercrustal volcanic rocks. It contains numerous gold occurrences, including the Golden Rainbow deposit, where several drill holes have intersected gold mineralisation at a shallow depth.

Patricia North is held within exploration license E31/1034 (Patricia North). The tenement is 150 kilometres northeast of Kalgoorlie and is considered highly prospective for gold mineralisation. It lies one kilometre along the strike of mineralisation northwest of the abandoned Patricia Gold Mine. Regionally, the tenement is on the eastern margin of the Norseman-Wiluna Archaean Greenstone Belt within the Kurnalpi Terrane of the Yilgarn Craton. The tenement overlies part of the north-northwest trending stratigraphy comprising mafic and felsic volcanics and metasediments of the Mulgabbie formation.

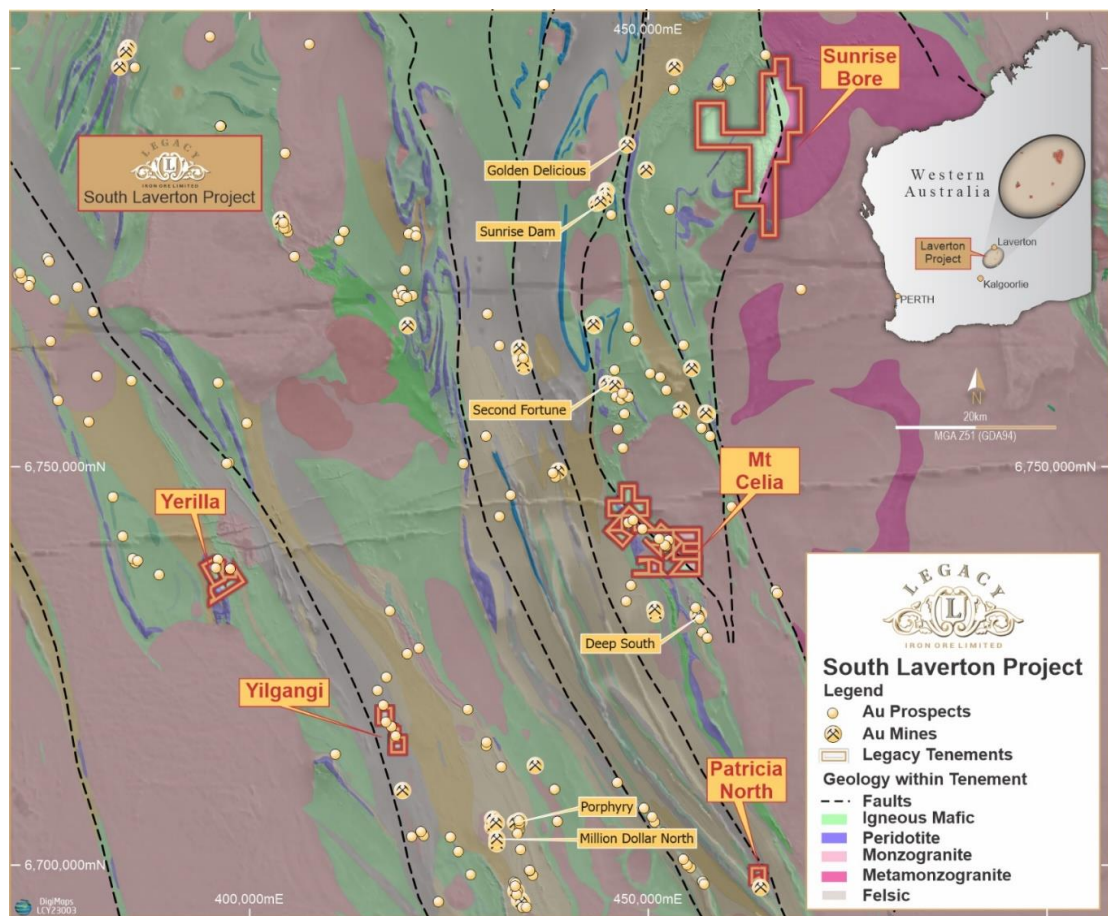


Figure 2. Location of Yilgangi and Patricia North tenements within the South Laverton project region.