

EXPLORATION PERMIT GRANTED FOR JACKSON FLUORITE PROJECT, QUEENSLAND

HIGHLIGHTS

- Exploration Permit granted for Mineral EPM 29189 for the Jackson Fluorite Project, located near Chillagoe in North Queensland.
- EPM 29189 was granted on 26 June 2026, with a five-year term expiring 25 June 2031, covering 8 sub-blocks.
 - The Project has a history of mining activity, with mineralisation traced along strike for approximately 1 km, including numerous historical pits, shafts and open cut workings.
 - Fluorite (fluorspar) is a critical mineral with growing strategic importance across steelmaking, aluminium, chemicals, electronics and fluorochemical supply chains.
- Ark will progress planning and exploration activities in accordance with the approved work program and statutory permit conditions.
- Environmental authority P-EA-101118064 has been issued in conjunction with the permit grant.
- Strategically located near Ark's Sandy Mitchell Rare Earth, Heavy Minerals and Critical Minerals Project.

Ark Mines Ltd. (ASX: AHK) ('Ark' or the 'Company') is pleased to advise that the Queensland Department of Natural Resources and Mines, Manufacturing and Regional and Rural Development has granted Exploration Permit for Minerals EPM 29189, covering the Jackson Fluorite Project near Chillagoe, North Queensland.

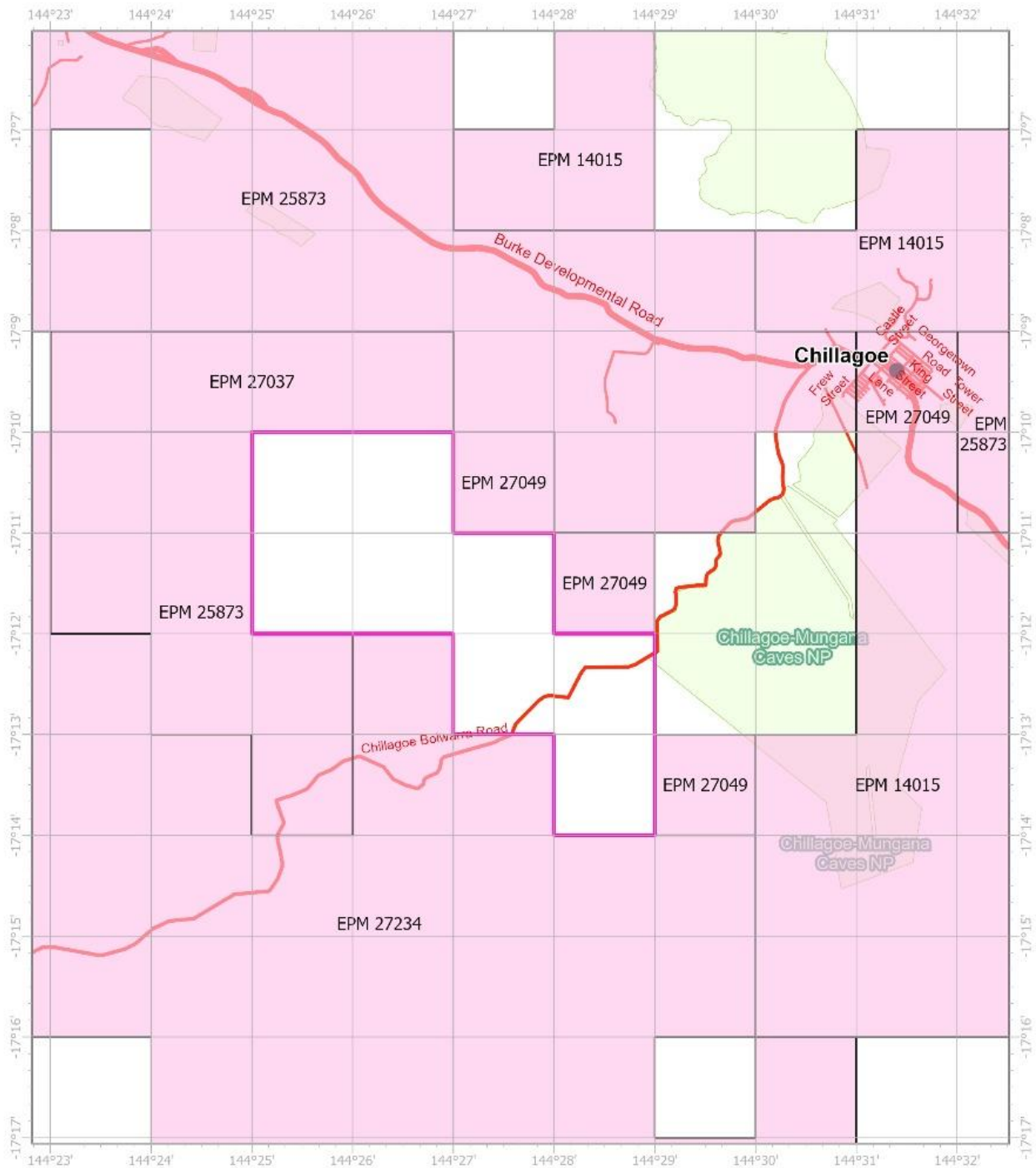
Managing Director Ben Emery commented: *"The grant of EPM 29189 further establishes our exploration footprint at the Jackson Fluorite Project and in North Queensland. With fluorite recognised as a critical mineral with diversified industrial demand, we look forward to systematically advancing exploration across the permit area."*

"The Jackson Fluorite Project has a well-documented history of mining activity, with mineralisation traced along strike for approximately 1 km in structurally controlled fluorite-bearing veins within and around the Nundah Granodiorite. Historical workings include numerous pits, shafts and open cut areas. Prior exploration across the application area has been of limited sensitivity, providing the Company with a compelling opportunity to apply modern exploration techniques. This tenement is located near our Sandy Mitchell Rare Earth, Heavy Mineral and Critical Minerals Project and Chillagoe, where we have a team ready to progress exploration."

ABOUT THE JACKSON FLUORITE PROJECT

EPM 29189 – Key Details

EPM 29189 was granted on 26 June 2026 for a five-year term that expires on 25 June 2031, covering 8 sub-blocks. Environmental authority number P-EA-101118064 has been issued for the permit, which excludes the Chillagoe-Mungana Caves National Park and is subject to Native Title Protection Conditions.



ARK MINES
LTD.

Jackson EPM Application Area Adjacent EPMs



- Jackson EPM application
- Adjacent EPM
- National Park
- Main Road
- Secondary Road
- Local Road

TN
★
AGD 66

0 1.25 2.5 5 Kilometers

Figure 1. Location of Ark's EPM 29189.



Figure 2. Fluorite vein and the historic Jackson Fluorite open cut mine.



Figure 3. Exposed Fluorite vein.



Figure 4. The Jackson Fluorite mine.

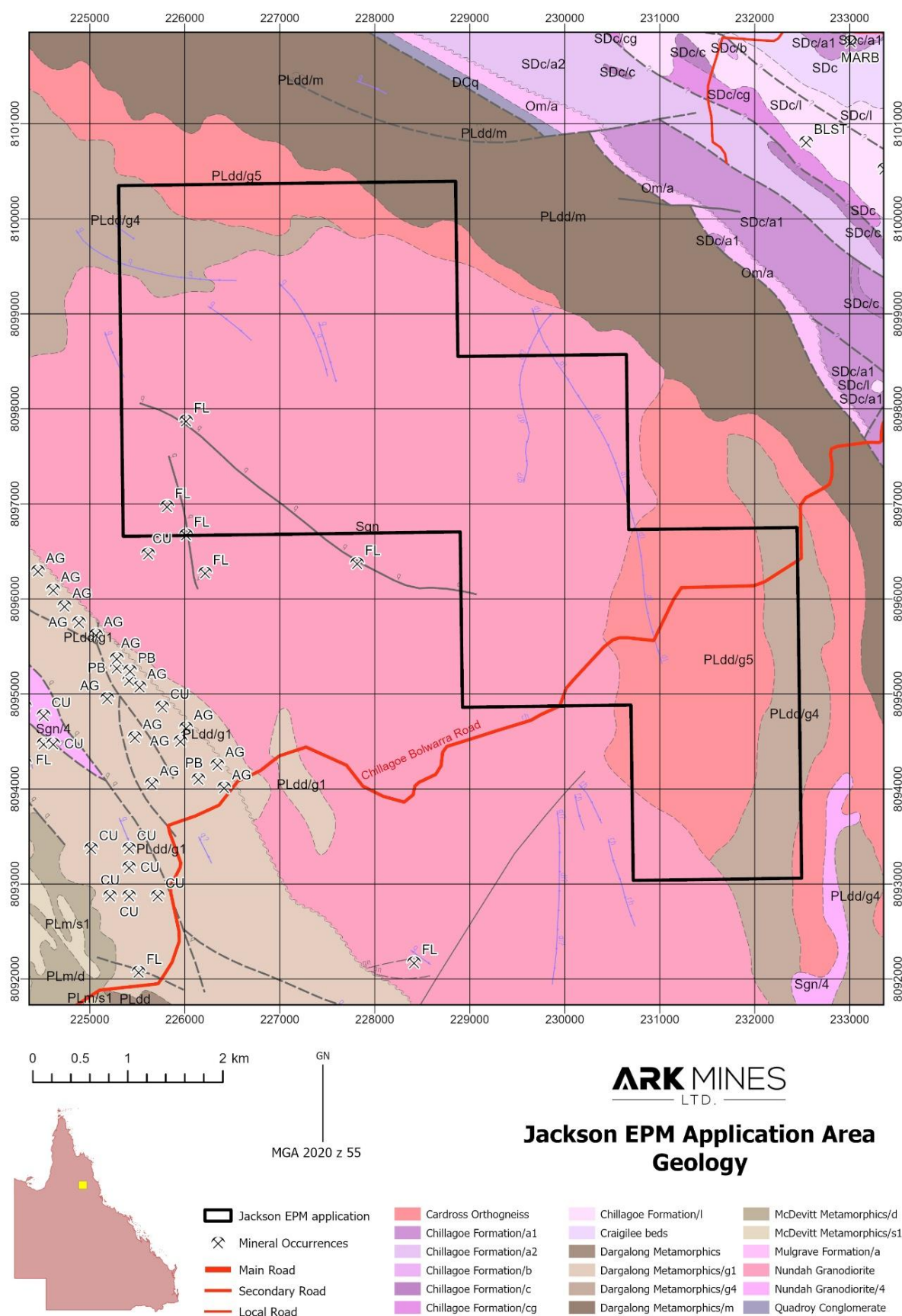


Figure 5. Map showing the geology of EPM29189.

FLUORITE USES

Fluorite (also known commercially as fluorspar) is a calcium fluoride mineral (CaF_2) with a broad range of industrial applications. Its role spans steelmaking and aluminium production, electronics, optics and chemical manufacturing.

Fluorite is the chief ore for elemental fluorine and is essential for producing hydrofluoric acid (HF), the primary ingredient used to manufacture almost all organic and inorganic fluorine-bearing chemicals. From hydrofluoric acid flows a cascade of downstream products: refrigerants, fluoropolymers (such as Teflon), cement, glass and aluminium castings, as well as materials used in uranium processing.

In the clean energy transition, fluorite is used in solar panels, EV batteries, wind turbines and semiconductor manufacturing. A lithium-ion electric vehicle battery requires up to five to ten times more fluorspar than lithium.

China, Mexico, Mongolia and South Africa account for over 75% of global production. The US Department of Energy forecasts that demand for fluorspar will exceed current supply by 40–70% by 2035, driven largely by clean energy applications.

Fluorite is listed as a critical mineral by Australia, the US Geological Survey, the European Union and China, and as a strategic mineral by the United Kingdom.

AUTHORITY FOR RELEASE

This announcement has been approved for release to the ASX by the Board of Ark Mines Ltd.



Roger Jackson
Executive Chairman
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