

22 November 2021

839km² of Tenements Applied for Around Halls Peak Project in New South Wales

Highlights

- **839km² of tenements applied for around the Company's 100% owned Halls Peak project**
- **Strategy to increase Company's land holding in the highly prospective New England Fold Belt**
- **Multiple prospective areas identified to increase scope of exploration beyond the Halls Peak project**
- **Drilling activities at the Gibsons prospect due to commence today**
- **Previous exploration at Gibsons prospect identified intersections including 37.2m @ 8.7% Zn, 3.0% Pb, 85g/t Ag, 1.4% Cu from hole DDH HP 026 (see ASX announcement dated 03 January 2014 – Precious Metal Resources)**
- **Historical mining has produced high grade Zinc, Lead, Copper, Silver and Gold at Halls Peak**

Critical Resources Limited (ASX:CRR) ("**Critical Resources**" or the "**Company**"), is pleased to advise that it has applied for 839km² of additional tenements around its 100% owned Halls Peak project in New South Wales.

Diamond drilling is due to commence at the Gibsons prospect today, where 2,500m are planned before relocating to the Sunnyside prospect where 1,700m are planned.

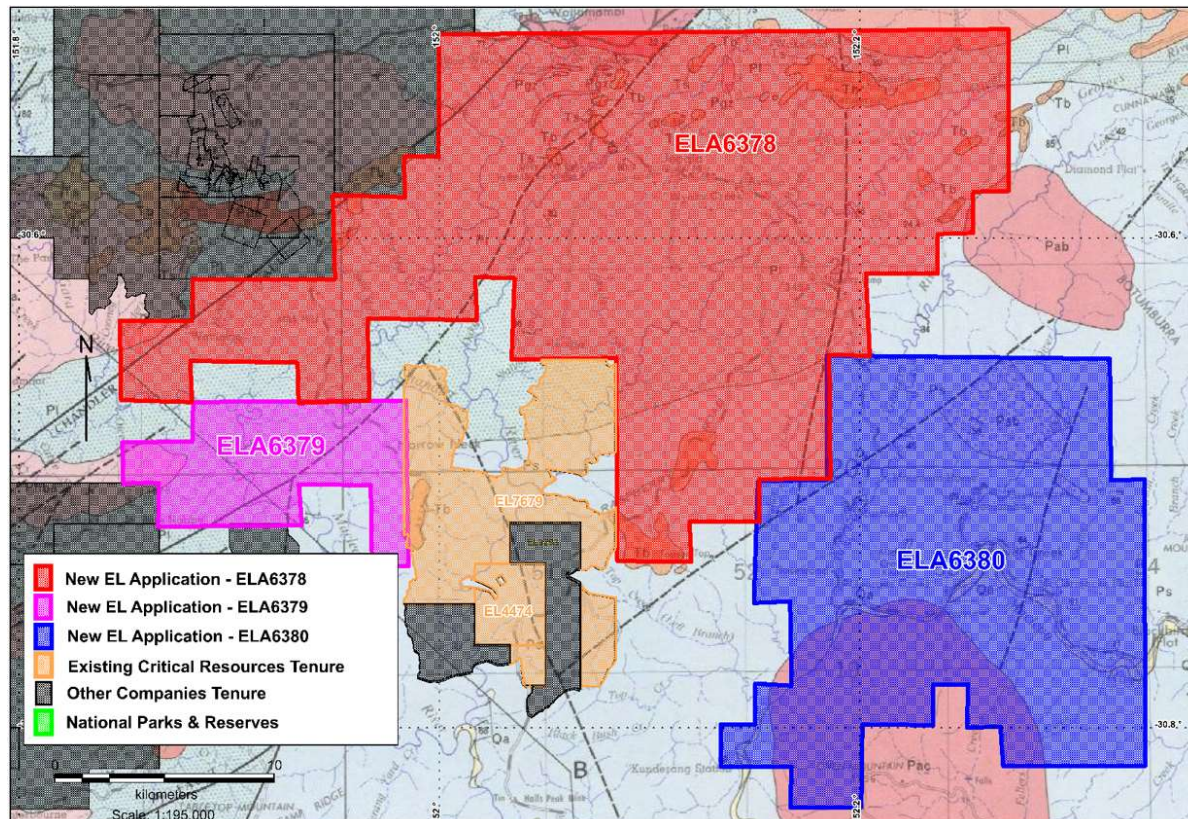
Critical Resources Managing Director Alex Biggs said: "Part of the Company's strategy is to increase its landholding in the highly prospective New England Fold Belt. We need to keep exploring the region as well as our highly prized Halls Peak project and the only way we can do that is by making more land acquisitions. We are excited to test the potential of Halls Peak with the upcoming drill program and will be looking to identify new targets on our newly applied for land packages as soon as possible."

Tenement Applications

A total of 839km² have been applied for across three leases, ELA6378, ELA6379 and ELA6380. It should be noted that the exploration licences are at an application stage and the total area will be reduced after removal of National Parks and Reserves. Figure 1 demonstrates the three leases and regional geology.

The Company is required to submit a proposed work program and other supporting documentation before the final granting of the three exploration licences. The deadline for submission of this information is 01 December 2021 and the Company is working towards providing the appropriate data and will inform the market once a final decision is received.

Figure 1 – Applied for tenement areas (ELA6378, ELA6379, ELA6380)



Geological and Exploration Rationale

The exploration licence applications capture the regional trend of the Halls Peak mineralisation and identified geophysical anomalous zones. Similar to the known mineralisation and geology in the main Halls Peak area the geology is dominated by the underlying Lower Permian beds of the Nambucca Slate, with intrusions of Permian granites (Pab and Pac on underlying geological map above). Tertiary basaltic volcanics are present capping topographic highs in a few localities. The main differentiation within the Permian sediments is between the unmetamorphosed PI (greywacke, slate, silicified argillite, pebbly mudstone) and the more metamorphosed Ps (slate, phyllites, schistose sandstone, schistose conglomerate). Psb (basic volcanics) are included in this rock unit. No mapping has been done of the aerial extent of the early Permian Halls Peak Volcanics, which host the base metal mineralisation at Halls Peak.

The Halls Peak Volcanic lithologies are described as dacitic and rhyolitic volcanics with interbedded black shales. Detailed logging of drill holes at the Company's EL 4474 has recorded thick sequences of graded volcanogenic sequences, with cycles grading from basal conglomerates through finer matrix supported lithic arenites, to capping black shales. Rocks within these cycles show many characteristics of slump structures, with localised flows and intense structural disturbance, with some initial evidence of overturned beds. Disconformities are present in several localities. These rocks and disconformities may extend as the electrically conductive beds, described further below, that extend into the application areas.

A VTEM helicopter survey was carried out in 2012 on the Company's EL 4474 and indicated deep conductive horizons extending discontinuously at depth from the known mineralised area of the Halls Peak base metal field into the application areas.

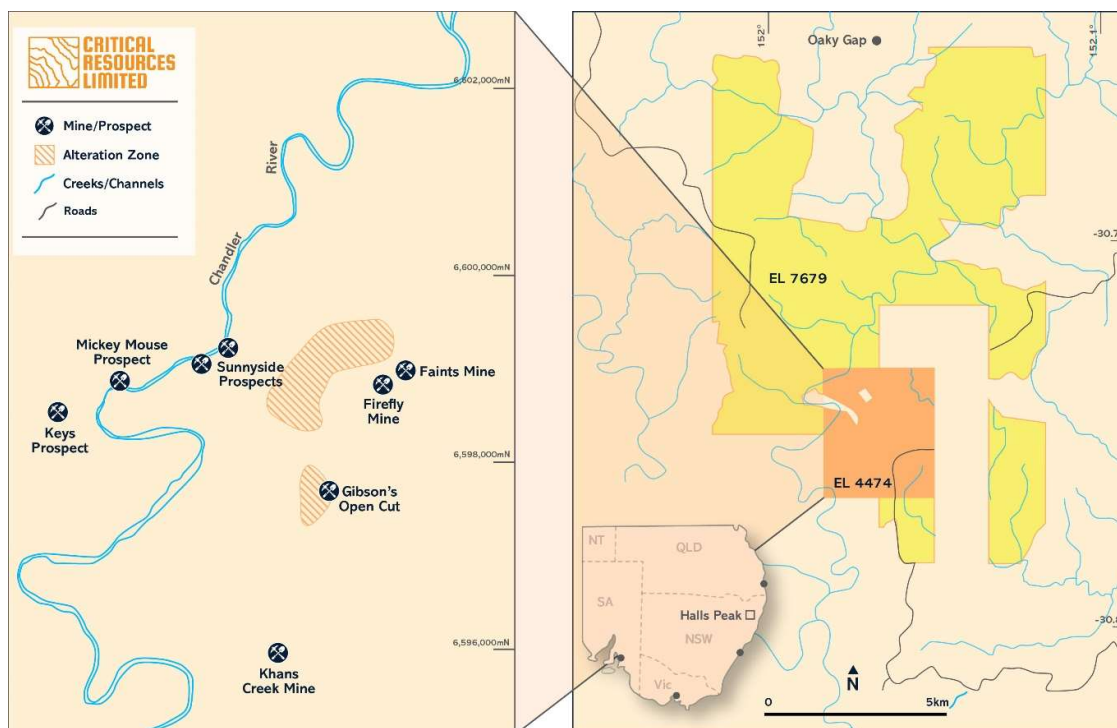
Halls Peak Project Description

The 100% owned Halls Peak project is located in New South Wales approximately 45km South-East of Armidale in the New England Fold Belt, an area well known for its mineral endowment and production. The Halls Peak massive sulphide deposits were discovered in 1896 where near surface mining extracted high-grade Zinc, Lead, Copper and Silver. More recent near surface exploration has been conducted by Precious Metal Resources Limited, Sovereign Gold Company Limited (now Critical Resources Limited) and Force Commodities Limited (now Critical Resources Limited) yielding high-grade intercepts to a depth of approximately 150m at the Gibsons prospect. Some near surface historic mining has occurred around the Sunnyside prospect.

Halls Peak is considered to have potential to contain world class deposits similar to those already being mined in north Australia. Potential to fly additional VTEM or similar surveys as a prospecting tool on the application areas would aim to increase the known extent of the identified electrically conductive beds mapped by VTEM and generate further targets for testing.

The project area comprises multiple historic mines and prospects including Gibsons, Sunnyside, Firefly, Faints, Khans Creek, Keys and Mickey Mouse. All current exploration activities are focused on exploration licence EL 4474 with primary targets being the Gibsons and Sunnyside prospects. A summary of the project location is shown in Figure 2.

Figure 2 - Halls Peak project location



This announcement has been approved for release by the Board of Directors.

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EXPLORATION WORK – COMPETENT PERSONS STATEMENT

The information in this ASX Announcement that relates to Exploration Results is based on information compiled by Mr Michael Leu, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Leu is a full-time employee of Critical Resources Limited. Mr Leu has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Leu consents to the inclusion in this ASX Announcement of the matters based on his information in the form and context in which it appears.

FORWARD LOOKING STATEMENTS

Information included in this release constitutes forward-looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licences and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the Company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company's business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company's control.

Although the Company attempts and has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward-looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

NO NEW INFORMATION

Except where explicitly stated, this announcement contains references to prior exploration results, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements.



ABOUT CRITICAL RESOURCES LIMITED

Critical Resources is a base metals exploration and development focused company headquartered in Perth, Western Australia and is listed on the Australian Securities Exchange (ASX:CRR). The Company has recently been undergoing a structured process of change at the Director and Executive level. These changes mark the commencement of a renewed focus by the Company on providing shareholder value through the exploration, development and advancement of the Company's long held NSW assets and also of its Copper assets in Oman.