

ASX Announcement

17 October 2021



Great Western
EXPLORATION

Large Strategic Land Position in the Earraheedy

Highlights

- Great Western holds a very large strategic land position within the Earraheedy Basin, interpreted to sit within the same geological setting as the recent base metal discoveries made by Rumble Resources Limited (ASX:RTR) and Strickland Metals Limited (ASX: STK), the “Fairbairn Base Metal Project”
- The discoveries by Rumble Resources and Strickland Metals support Great Western’s belief that the Earraheedy Basin margin is highly prospective for significant zinc, lead, copper and nickel discoveries
- The sediment formations that are associated with the ‘base metals target horizon’, that has been successfully targeted by Rumble Resources and Strickland Metals, have been mapped by GSWA to extend through Great Western’s greenfields tenure in this rapidly evolving base metal province

Fairbairn Base Metal Project (100% Great Western)

Great Western has a very large strategic land position in the rapidly evolving Earraheedy Basin, interpreted to sit within the same geological setting as the recent discoveries by Rumble Resources Limited (ASX:RTR) and Strickland Metals Limited (ASX: STK), the 100% owned “Fairbairn Base Metal Project”.

Great Western has long held the view that the Earraheedy Basin is highly prospective for base metals and established its initial land position in the region prior to these recent discoveries. The base metal prospectivity within the Earraheedy Basin, particularly proximal to the basin margin, has now been confirmed by the recent discoveries in the region.

The ‘base metals target horizon’ that is being targeted by Rumble Resources and Strickland Metals is located along the unconformity between the Yelma and Frere Formations, and near to the margin of the Earraheedy Basin. The Yelma Formation, and hence the margin of the Earraheedy Basin, is interpreted by the Geological Survey of Western Australia (‘GSWA’) to also run through Great Western’s



GREAT WESTERN EXPLORATION LIMITED (ASX:GTE)

Great Western
EXPLORATION

Level 2, 160 St Georges Terrace, Perth WA

P + 61 8 6311 2852 F +61 8 6313 3997 W greatwestern.net.au ABN 53 123 631 470

Page 1

Fairbairn Base Metal Project (see **Figure 1**). The Earaheedy Basin margin is emerging as a new province highly prospective for further base metal discoveries.

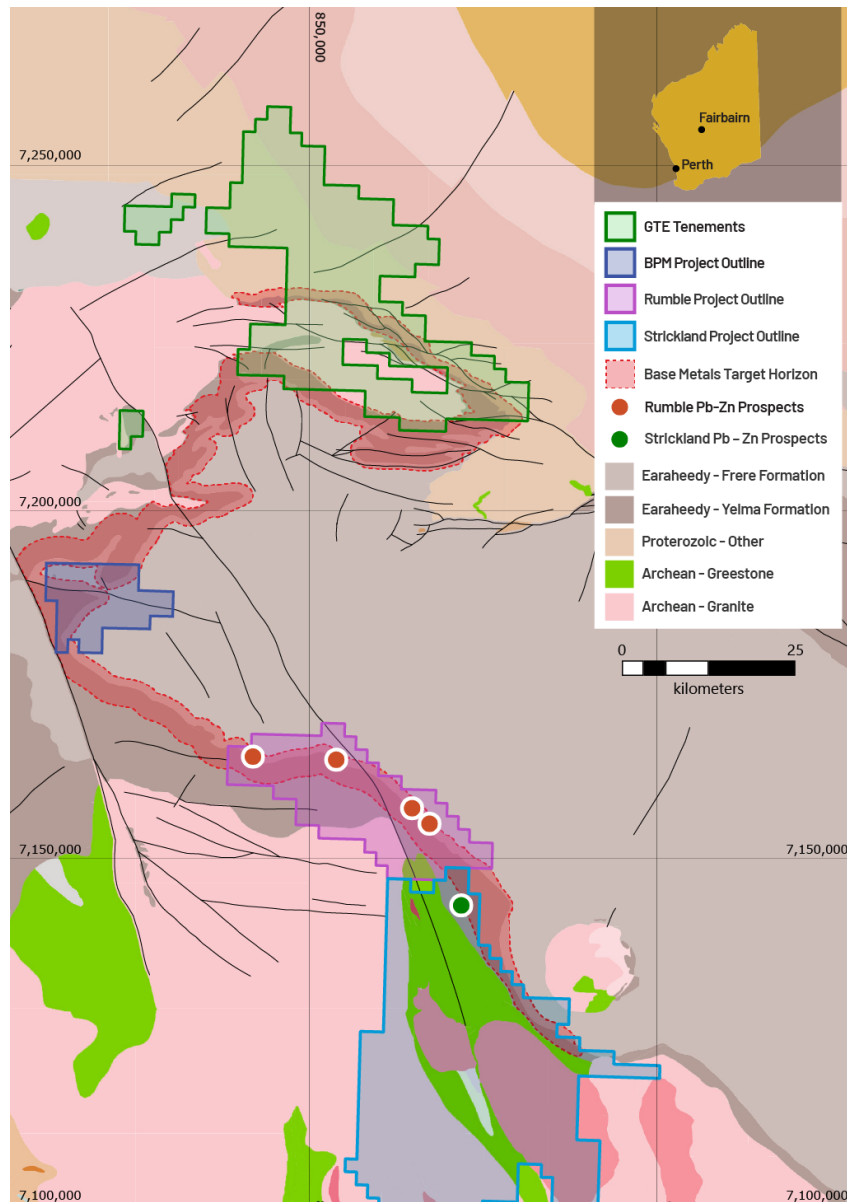


Figure 1. Location of the Fairbairn Base Metal Project near to Rumble Resources, Strickland Metals and BPM Minerals in the Earaheedy

Great Western has some 960km² of prospective base metals tenure at the Fairbairn Base Metal Project, on granted leases and leases under application. Fairbairn is almost completely unexplored with only a very small amount of historical exploration completed by companies exploring for diamonds, the majority of which focused on the southwestern corner of the Project.

Great Western is preparing its initial work programme, that will include a high resolution airborne magnetics survey and stereoscopic geological mapping over the Project area. Rumble Resources and Strickland Metals have demonstrated that airborne and surface geophysics are very effective tools in target generation.

The Company looks forward to keeping the market updated as it progresses its work at its Fairbairn Base Metal Project.

Authorised for release by the board of directors of Great Western Exploration Limited.

Tony Walsh
Company Secretary
Great Western Exploration Limited
Tel: 08 6311 2852
Email: enquiries@greatwestex.com.au

Competent Person Statement

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr. Thomas Ridges who is a member of the Australian Institute of Mining and Metallurgy. Mr. Thomas Ridges is an employee of Great Western Exploration Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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. Ridges consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.