

Annual Technical Report
For the period ending 27th November 2021

EL 6287 Peterborough

SA Exploration Pty Ltd

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Bibliographic Data

Report Title	Annual Report for Exploration License 6287 'Peterborough' for the period 28 th November 2020 to 27 th November 2021
Project Name	Peterborough
Tenement Number	EL 6287
Tenement Holder	SA Exploration Pty Ltd
Operator	SA Exploration Pty Ltd
Commodities	Cu, Au
Tectonic Unit	Adelaide Geo-syncline
Stratigraphic Units	
1:250,000 Map Sheet	SI 54-5 Burra, SI 54-1 Orroroo
1:100,000 Map Sheets	6631, Jamestown, 6731 - Caroona, 6632 - Orroroo, 6732 - Paratoo
Keywords	Intrusion related Copper & Gold

SUMMARY

Exploration Licence 6287 (Peterborough), held by SA Exploration Pty Ltd (iTech) is located on the eastern Adelaide Fold Belt, North of Burra on the margin of the Murray Basin.

The tenement had no work undertaken on it during the reporting period.

Exploration Index Map

1 Introduction

EL 6287 (Peterborough) is located around the town of Peterborough in South Australia, (Figure 1). Access is gained by main road 70km North of Burra then by using local dirt roads.

This report details exploration work completed by Archer Exploration Ltd between 28th November 2020 and 27th November 2021.

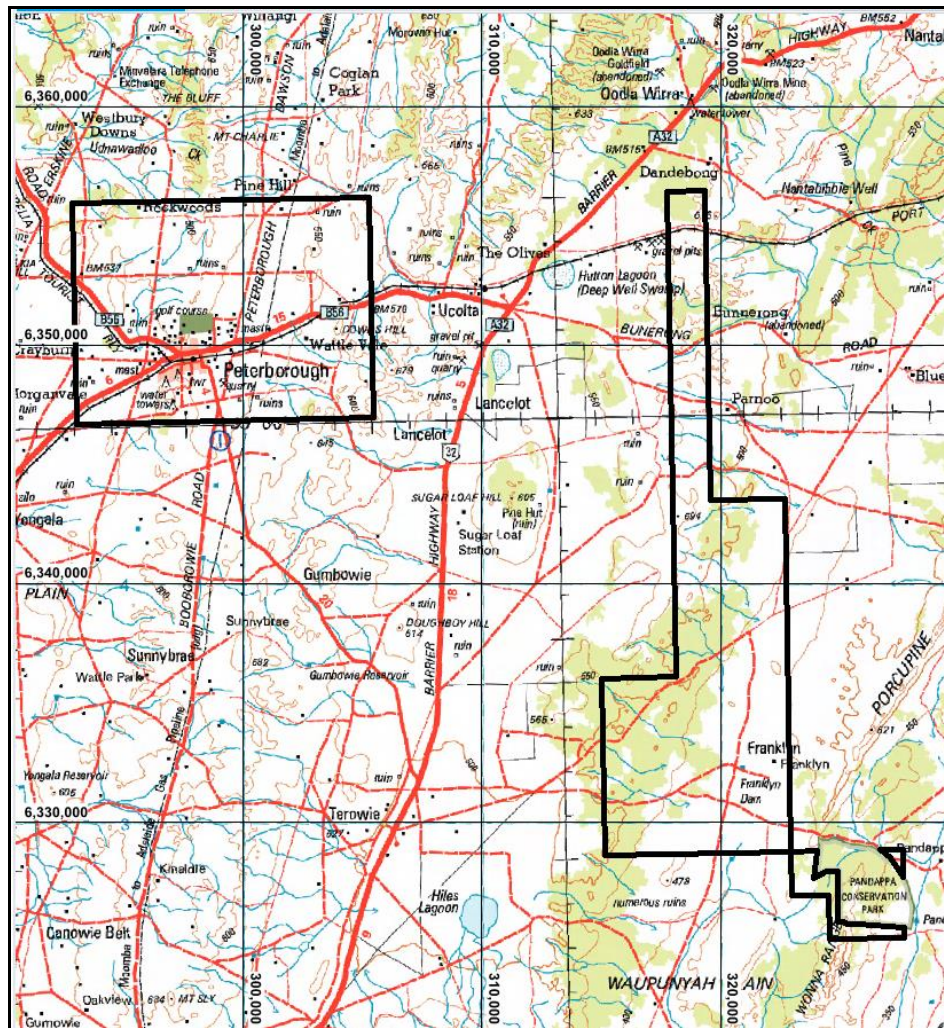


Figure 1: Location Map EL 6287.

Previous exploration activities have been limited.

2 Tenure

EL 6287 'Peterborough' covering 543km² was granted to SA Exploration Pty Ltd (a wholly owned subsidiary of Archer Exploration Ltd) on 28th November 2017 for a term of 5 years.

3 Geology

EL 6287 'Peterborough' lies in the Adelaide Fold Belt, it is dominated by Neoproterozoic rocks, figure 2 (below). The presence of the dolomite within fold structures gives encouragement for the focusing of mineralised fluids. NW-SE structures are thought to be controlling plumbing for fluids generated by intrusions.

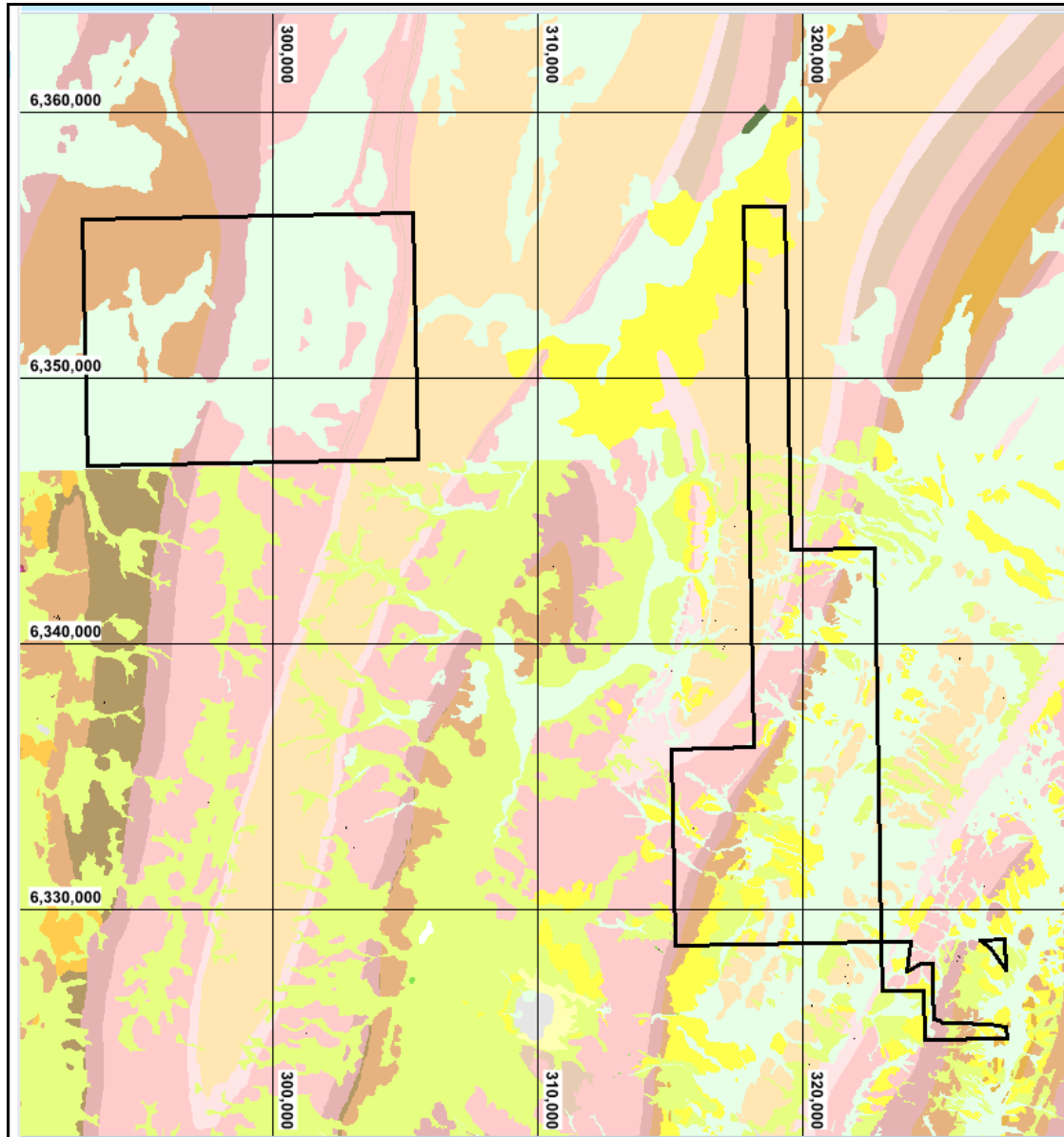


Figure 2: Geology Map for EL6287 (PIRSA)

4 Work Completed

4.1 Geological Reviews

No work was undertaken on the ground in the reporting period.

4.2 Rock chip sampling

None undertaken.

4.3 Geophysics

None undertaken

4.4 Metallurgical Testwork

No work performed.

5 Environment

No ground disturbing activities were undertaken..