

## Good afternoon and welcome to the tour of mining sites at Broken Hill!

This afternoon we will be visiting a number of the main mining sites along what is termed the "Line of Lode". Specifically, we will be looking at the mines in the south – the Zinc Corporation Mines and New Broken Hill Consolidated, the Junction Mine and the mines in the north – No. 2 and No 3 shafts of the North Mine, as well as seeing some sights in between.

With the exception of the Junction Mine, these mines are on the active mining leases held by Perilya Broken Hill; and, as they are still active mining sites, we are being granted access as a courtesy by Perilya Broken Hill and we need to comply with any directions they may have regarding our health and safety. ICOMOS also has requirements to ensure your safety.

- Please stay on the bus you started with and don't swap to another bus.
- Please note that the ground surface in some places is uneven and there are numerous potential trip hazards.

We will visit three main sites in turn and the buses will then meet on the road to Silverton.

These notes have been prepared by Iain Stuart and apologies are given for their length, it was difficult to know what to leave out!

### A brief orientation

The term "Line of Lode" refers to the silver, zinc and lead lode that runs through Broken Hill. Unlike other mining areas, the main area of mineralisation at Broken Hill is the Line of Lode and so mining is focused along that line.

The original seven 40 acre leases were along the Line. Later leases were extended at each end and in odd bits where the Lode was faulted.

The standard geological texts state that the lode is "horseshoe" in shape with the shallower mineralisation zone being along the centre of the Line of Lode where Broken Hill Proprietary Company Limited (BHP) established itself and the deeper zones being at each end. Mining at each end reached depths of c3,000ft.

