

HAND IN HAND CYANIDE WORKS

Location

RED HILL ROAD DEEP LEAD, NORTHERN GRAMPIANS SHIRE

Municipality

NORTHERN GRAMPIANS SHIRE

Level of significance

Heritage Inventory Site

Heritage Inventory (HI) Number

H7423-0028

Heritage Listing

Victorian Heritage Inventory

Interpretation of Site	<p>Heritage Inventory Interpretation: Cyanide works - Most of the plant is located on top of a flattened tailings dump. Treatment plant consists of a row of five, 12ft diameter, brick soakage vats; and a row of three, 17ft diameter, brick soakage vats. The vats are rendered with concrete and set 4ft apart. A raised 12ft diameter, 3ft deep, galvanised iron tank is located where the two rows of vats converge. At the base of the heap is a brick trough, 12ft x 3ft; and 9ft diameter, concrete-rendered, brick drainage vat. The brick trough is petitioned off into five compartments by thin concrete walls. This probably housed the zinc boxes. Iron pipes run from both ends of the trough to the drainage vat. Near the processing plant foundations are the footings of a small brick building, 9ft x 8ft, with a 2½ft square fire place. Mullock heap - Intact large mullock heap with 16 dumping lines and filled shaft. The heap is located to the west of the cyanide works.Machinery site - Flattened machinery site with spread of rubble.Dam - Large full damIn the 1930s, along with a general trend elsewhere in the State, the Hand-in-Hand tailings would have been treated by the cyanide process. The large scale cyaniding operations that took place in the 1930s was brought on by a rise in the price of gold, and the introduction of new filtration process which enable low grade tailings to be cyanided profitably.</p>
Hermes Number	6802

History

Heritage Inventory History of Site: The Deep Lead was first worked in 1857, and during the 1860s the shallower sections of the lead were monopolised by Chinese miners who used cradles to treat the auriferous wash. In the late 1860s one deep lead mining company - the Standard Co. - attempted to work the lead at depth. In 1868, the company's efforts were thwarted when its shaft was flooded. In 1871 there was an attempt to find the continuation of the Deep Lead which had been lost when the Standard Company's shaft had been flooded. The Tregea Alluvial Company commenced work on the lease with an old steam-powered engine and were soon getting payable good. The company was then reformed into the Hand-in-Hand Company. The new company erected steam-powered machinery for winding and puddling in 1873 and mined with limited success until 1876. During this time the Hand-in-Hand produced 150.71 kg. of gold. Other companies to mine with some success during this time were the Band of Hope, Ophir, and North & South.

This place/object may be included in the Victorian Heritage Register pursuant to the Heritage Act 2017. Check the Victorian Heritage Database, selecting 'Heritage Victoria' as the place source.

For further details about Heritage Overlay places, contact the relevant local council or go to Planning Schemes Online <http://planningschemes.dpcd.vic.gov.au/>