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## New Moon Quartz Gold Mine Sites



New Moon Mine



South New Moon Mine

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### Location

Part CA 1K Beelzebub Gully Road and 42 Bendigo-Pyramid Road SAILORS GULLY and CA 1 Janaway Road EAGLEHAWK NORTH, GREATER BENDIGO CITY

### Municipality

GREATER BENDIGO CITY

### Level of significance

Included in Heritage Overlay

### Heritage Overlay Numbers

HO689

### Heritage Listing

Greater Bendigo City

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### Statement of Significance

Last updated on -

(New Moon Mine)

This extensive and mostly intact site retains foundations from the mine's most productive period of operations, unlike most other mines within the Bendigo urban area (criterion B). The site contains the largest extant battery foundations on the Bendigo goldfield. The New Moon Battery was the third largest battery in operation, after Lansell's 105 head battery and the Koch Pioneer 84 head battery (criterion C). The site displays one of the

longest sequences of use by any mining company (criterion B), was among the top seven gold producers on a goldfield reported to have contained 829 mines [75], is associated with an important period of Bendigo's mining history (that is, it is a key site for the period from 1888 to 1913 (criterion A and criterion D), and has the potential to educate and illustrate the "big-mine" phase of Bendigo mining (criterion C).

(South New Moon Mine)

This extensive and mostly intact site retains foundations from all the later and major phases of the mine's operations, unlike most other mines within the Bendigo urban area (criterion B). The site displays one of the longest sequence of use by mining companies, which were among the top seven gold producers on a goldfield reported to have consisted of 829 mines [44], is associated with an important period of Bendigo's mining history (that is, it is a key site for the period from 1888 to 1913)(criterion A) and has the potential to educate and illustrate the "big-mine" phase of Bendigo mining (criterion C).

Heritage Study/Consultant	Greater Bendigo - Marong Heritage Study 1999, Andrew Ward and Associates, 1999;
Hermes Number	197467
Property Number	

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## Physical Description 1

(New Moon Mine)

The battery site is on the east side of Beelzebub Gully Road, whilst the mine site is located about 150 metres north of the battery site and on the western side of the same road.

New Moon battery site: Site consists of a line of battery stumps, divided into west and eastern sections by an engine room.

West section of battery - Remnants of wooden stumps set in hard concrete footings, making up six battery boxes, each 5 feet by 18 inches, and possibly a seventh battery box at the western end. Some of the stumps are obscured by a pepper tree and damaged by termites. A concrete floor and several brick-lined drains are visible on the north side of the stumps. Bricks are machine-made, and manufactured by Northcote.

Engine room area has been badly disturbed, but mounting bolts and sections of in situ concrete floor protrude from the brick and concrete rubble. Three brick engine foundations can be distinguished.

East section of battery - Remnants of wooden stumps set in hard concrete footings, making up eight battery boxes, each 4 feet by 20 inches, and possibly a ninth battery box. The surviving battery stumps are in better condition than those in the western section. The area around the stumps and to the north has been excavated, to bedrock in places. Surviving are three brick foundations with protruding mounting bolts. One of the brick foundations is associated with a 5 foot square brick pit.

Stone feature - Approximately 20 metres north of the battery site are the remains of an unidentified structure or structures, apparently representing a number of phases of building. Stone and concrete are the building materials and the visible remains suggest an engine foundation, rectangular room, and a storage yard with a 57 foot long north wall. This wall has been partly demolished by recent tailings removal operations.

Dam sites - Three dams, one of which has been demolished by recent tailing removal operations.

Tailings - Most of the dumps have been removed from near the battery site to the other side of the road for treatment.

New Moon mine site: The machinery site consists of four sets of engine foundations, whose fabric (concrete and brick) suggest at least two phases of construction. The most easterly set of foundations consists of two parallel brick beds, running north-south. Each of the beds measures 23 by 4 feet wide, and stands approximately 6 feet high. The brickwork rests on stone footings and is stepped at the north ends of both beds. Immediately to the west is another set of similar-sized, but differently arranged, brick beds. They run in the opposite direction and are aligned with a capped shaft some 17 metres to the west. These beds are less intact and more buried than the neighbouring ones.

Immediately to the west of the brick beds are two concrete foundations. In alignment with the capped shaft is an 8½ foot square concrete winding engine base, which is associated with an H-shaped concrete engine foundation, measuring 23 by 2½ feet. The engine base has been built over an earlier brick foundation.

## Physical Description 2

(New Moon Mine)

The Moon Reef Mining Heritage Area is bounded on the west by Lower Beelzebub Gully Road and the Bendigo-Pyramid Road, on the north and south by private property boundaries, and on the east by a line 100 metres east of Beelzebub Gully Road as far as Sandner Road and thence by direct line to intersect the northern boundary at a point 250 metres east of the junction of Janaways Road and Lower Beelzebub Gully Road.

## Physical Description 3

(South New Moon Mine)

South New Moon battery: Brick engine foundation at east end of the site measures 16 by 5 feet and stands at least 6 feet high. Mounting bolts survive (1 inch diameter), and bricks are hand-made and set in a hard concrete mortar.

Running west from the brick foundation is a line of battery stumps. Not all have survived, but there appear to have been eight battery boxes, each 5 feet by 18 inches. The condition of the surviving stumps ranges from good to badly decayed. At the front of the battery stumps is a concrete floor, containing two small, rectangular concrete mounting pads. On top of the battery's loading ramp, at the rear of the site, is another brick foundation, 16 by 3½ feet.

The western side of the battery is dominated by a massive brick foundation, measuring 44 by 5 feet and standing at least 7 feet high. The brickwork rests on stone footings. At its northern end is an arched cavity, 3¼ feet wide by 2½ feet high, and at the opposite end, set in the eastern face, is a metal safe (2½ by 5 feet).

In front of the battery house is a partially exposed section of a wooden drain South New Moon engine house.

About 25 metres west of the battery are three large engine foundations, all standing approximately 6 feet high. Two of these, measuring 24 by 5½ feet, are constructed of red bricks. The brickwork of these two appears to have been repaired and/or modified in places with concrete. The third foundation is constructed of concrete, measuring approximately 13 by 5 metres, and appears to have been placed over an earlier brick foundation. A mullock paddock abuts the north and south sides of the engine house, where it is retained by a stone wall. On the mullock paddock, near the north-west corner of the engine house, are two concrete air receiver pads. They are 14½ feet apart and would have supported a cylinder of about 5 feet diameter. Also on the mullock paddock is a capped shaft some 25 metres north of the engine house. To the east of the engine house are the remains of a stone boiler setting New South New Moon battery.

At the base of the mullock paddock's western side is another battery site. The face of the mullock paddock where it abuts the battery is retained by a 30 feet long by 15 feet high stone wall. The battery site consists of the fresh-looking hewn timber bedlogs and concrete foundations, which would have supported a 15-head battery. The concrete classification floor in front of the battery boxes is intact.

## Physical Description 4

(South New Moon Mine)

The Moon Reef Mining Heritage Area is bounded on the west by Lower Beelzebub Gully Road and the Bendigo-Pyramid Road, on the north and south by private property boundaries, and on the east by a line 100 metres east of Beelzebub Gully Road as far as Sandner Road and thence by direct line to intersect the northern boundary at a point 250 metres east of the junction of Janaways Road and Lower Beelzebub Gully Road.

*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/>*