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# SCOTTISH AND CORNISH G.M. CO. NO.1

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## Location

5130 COLAC-BALLARAT ROAD CAMBRIAN HILL, GOLDEN PLAINS SHIRE

## Municipality

GOLDEN PLAINS SHIRE

## Level of significance

Heritage Inventory Site

## Heritage Inventory (HI) Number

H7622-0218

## Heritage Listing

Victorian Heritage Inventory

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Hermes Number 11862

Property Number

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## History

Contextual History:History of Place:

Heritage Inventory History of Site:

SCOTTISH AND CORNISH COMPANY, Black Lead, (described as being in the vicinity of Sebastopol) and Scottish Lead (discovered in July 1864), No. 4 or Southern Division.

09.11.1857: the Scottish and Cornish Company commenced last week but have had some accidents with their pumps.

1857: work started by a cooperative party

11.1859: on the west side of Yarrowee Creek, have got some very good wash stuff.

01.1860: bottom water heavy; machinery unable to keep it baled

04.1860: bottom water heavy; 25 horsepower steam engine and 12 inch pump are inadequate to cope with the water; breakages in machinery, swamping out and bailing has kept them occupied; likely to need a 50

horsepower steam engine and a 15 inch pump

11.1860: poor dividends because of the inadequate power of the machinery to cope with the water.

02.1861: after working out 500 or 600 feet of their claim lost the run of the deep ground and have not yet found it after 3 or 4 months.

03.1861: have found the gutter which had turned south; having difficulties with water, it may be necessary to purchase larger machinery.

05.1861: worked has stopped because of a break down in part of their machinery; adequate steam power is required to cope with the water.

06.1861: after 2 years of ineffectively battling with water are getting more powerful machinery including a double column of 12 inch pumps.

07.1861: erecting new machinery, the old being insufficient to cope with the water.

26.08.1861: company formed

08.1861: erecting 50 horsepower steam engine in order to bale out gutter water, which is the heaviest in this claim than any other known to the mining surveyor.

09.1861: still erecting their plant and equipment, which promises to equal the best in the country.

10.1861 : erecting machinery

11.1861: after being swamped for 6 months are baling water with their new powerful machinery; machinery consists of an excellent 50 horse-power engine which bales water with an 8 foot stroke through a column of pumps 17.5 inches in diameter.

10.1862: 14 inch cylinder horizontal high pressure steam engine for winding and puddling

24 inch cylinder horizontal high pressure steam engine for pumping

12 inch double plunger to 240 feet; 12 inch drawlift for remainder; trucks and cages

23.05.1863: has finally struck the gutter after 5 years work; approximately £6270 has been expended; the company is organised under Pyke's Act in 64 shares, with a limit of £12,800 or £200 per share.

07.1863: continuing to operate with vigour but as yet have not produced any results.

10.1863: yield of 400 ozs.

02.1864: 3 puddling machines

03.1864: yield of 764 ozs.

09.1864: yield of 908 ozs, discovered the Scottish Lead in July.

06.1864: poor yield of 918 ozs.

03.1865: water light, being drained by neighbouring claims; drawing pumps to fit shaft up with 2 cages instead of one; to draw water with tanks fitted below cages; erecting new poppet heads

overhauling machinery; tender accepted for 3 new iron puddling machines; new main shaft started 2000 feet south west of the old shaft, 12 feet by 4 feet, down 18 feet; sufficient room for 2 trucks side by side and on an upper and lower landing

06.1865: alterations at old shaft completed last April; laying down tramway and draining mine; new shaft down 83 feet in basalt; working with horse whim; water increasing: 15 by 26 gallon barrels of water per hour; 80 foot spars on the ground for poppet heads; to erect machinery  
yield of 748 ozs from 2 months work.

01.08.1865: new shaft down 91 feet; conditional purchase of 20 inch by 48 inch steam engine for winding; on board "White Star" and shortly expected; no washing for 4 days due to breakage of winding engine spiders, and for 14 days due to a piston rod breaking

15.08.1865: awaiting new steam engine from England

No. 1 shaft: puddling machines substantially housed; to assist sludge through a fourth puddling machine before treating it in a buddle; erecting the buddle and sludge machine

12.09.1865 : machinery arrived per "White Star"

19.09.1865: machinery for new shaft on the ground; calling tenders for erection of stone foundations; erecting poppet heads 80 feet high, largest yet put up

26.09.1865: tender of £550 accepted for building in boiler and making stone engine foundations

09.1865: yield of 1759 ozs 16 dwt; putting down a second shaft.

03.10.1865: preparing to erect machinery

12.1865: yield of 930 ozs.

03.1866: yield of 1233 ozs.

06.1866: continuing to work the Black Lead section of their claim and the yield seems to be improving; No. 2 shaft struck the second rock at 159 feet and is now down 165 feet.

09.1866: yield of 1131 ozs.

12.03.1867: 3 compartment main shaft, 12 feet by 4 feet

24 inch cylinder horizontal steam engine for pumping and puddling; 20 inch cylinder horizontal steam engine for winding; 15 inch pumps, 30,000 gallons per hour on the short stroke; 3 boilers: 28 feet by 6 feet 6 inches; 3 cast iron puddling machines; to complete framing; trucks, cages, kick up; all machinery of a very substantial character

14.05.1867 : to purchase a fourth cast iron puddling machine

11.06.1867: No. 2 shaft: down 315 feet; pumping engine started on 15 March 1866

26.06.1867: dam, surface pumps and No. 4 puddling machine finished

26.07.1867: 9922 trucks of washdirt and 833 trucks of mullock raised for the fortnight

15.08.1867:No. 1 shaft bottomed at 60 feet and sunk to 300 feet

No. 2 shaft 1600 feet south of old workings; bottomed at 315 feet and sunk to 350 feet; water easing to the point where pumps cannot work even at the shortest stroke; water standage constructed underground; 24 inch cylinder steam engine for pumping and puddling; 20 inch cylinder steam engine for winding; 15 inch pumps; 3 boilers: 28 feet by 6 feet 6 inches; 3 puddling machines of usual character; trucks, cages

11.1868: No. 1 shaft: inburst of water from old workings

08.1859 to 04.1869: recorded production of 50,266 ozs (or 1563.484 kg).

02.1870: plant, machinery and materials on claim leased to the Leviathan Company for the past 3 months, lease to run for another 6 months with an option to purchase at the end of that period

Black Lead, Napoleon Lead, Franklin Lead and Wellington Lead,

*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/>*