

SITE RECORD INVENTORY

NZAA SITE NUMBER: G41/584

Supporting documentation held in ArchSite

NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION

SITE RECORD FORM (METRIC)

Metric map number **G41** NZAA METRIC SITE NUMBER **(41) 584**
 Metric map name Cromwell DATE VISITED 2,3/11/2005
 Metric map edition 2000 SITE TYPE Water race
 SITE NAME: MAORI
 OTHER Rise and Shine water race

Grid Ref. Easting / / / **2 9 5** / / / Northing / / / **7 7 0** / / /
 G.P.S. Easting **2 2 2 9 5 2 5** Northing **5 5 7 7 0 2 1**

1. Aids to relocation of site (*attach a sketch map*)

On hillside above southern side of Rise and Shine Creek. Believed to serve Rise and Shine battery. G.P.S. reading is point where race breached by main road.

2. State of site and possible future damage

Much of site appears to be in good condition though several areas of damage observed. Most of site is in pasture and scrub and is probably generally safe.

3. Description of site (*Supply full details, history, environment, references, sketches, etc. If extra sheets are attached, include a summary here*)

Race traced intermittently for more than 1 km. Where well defined race is c.1 m wide
 Several GPS readings along the race are set out here.

- 2229763 5576911 Farthest point traced SE on race
 2229707 5576914 Point on race near SE boundary of survey.
 2229691 5576913 Last trace of race SE of creek near survey boundary
 2229664 5576925 Prob. ditching NW side of creek
 2229589 5576984 Last trace of race on lower side of road before breach.
 2229525 5577021 Race breached by road. (N.B. source of GPS reading)
 2229477 5577036 Ditching above road, well defined, approx 1m wide.
 2229364 5577047 Ditching obvious but trampled.
 2229272 5577064 Ditching
 2229074 5577247 Ditching near fence that runs to road via G41/265.
 2229004 5577298 Trace of ditching above workings
 2228929 5577355 Race ducks into gully.
 2228926 5577384 Possible feeder race to workings east of dam G41/269.
 2228893 5577401 Westernmost trace found of w-r above dam G41/269

4. Owner Dan Perriam Tenant/Manager
 Address Bendigo Station Address

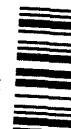
5. Nature of information (*hearsay, brief or extended visit, etc.*)

Several brief visits; G.P.S. readings taken.
 Photographs (*reference numbers, and where they are held*)
 Aerial photographs (*reference numbers, and clarity of site*)

6. Reported by R. Nichol Filekeeper J. Hamel
 Address 50 Devon St, Picton Date

7. New Zealand Historic Places Trust (*for office use*)

/H/A/ Type of site 1B/A/ Present condition and danger of destruction
 / / / Local environment today /T/K/ Local body / / / Land class
 AE Land Class



Additional Information for Site G41/584



Figure 1 Photograph looking southeast at the upper extent of the water race recorded as G41/584. Photograph taken by Jasmine Weston on 14/12/2018.



Figure 2 Photograph looking northwest at the upper extent of the water race recorded as G41/584. Photograph taken by Jasmine Weston on 14/12/2018.



Figure 3 Photograph looking west at the lower extent of the water race recorded as G41/584. Photograph taken by Megan Lawrence on 14/12/2018.

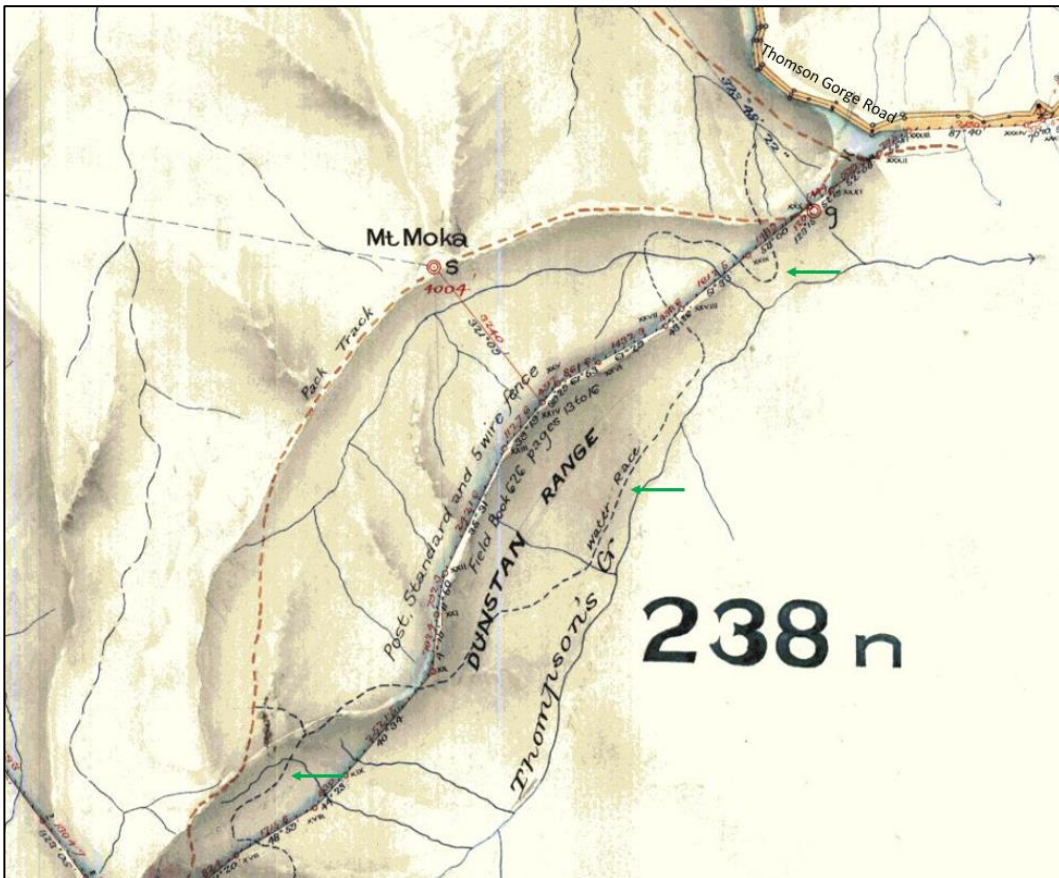


Figure 4 Survey plan SO 1204 (1909) showing the Rise and Shine water race (green arrows) around Mount Moka (QuickMaps).

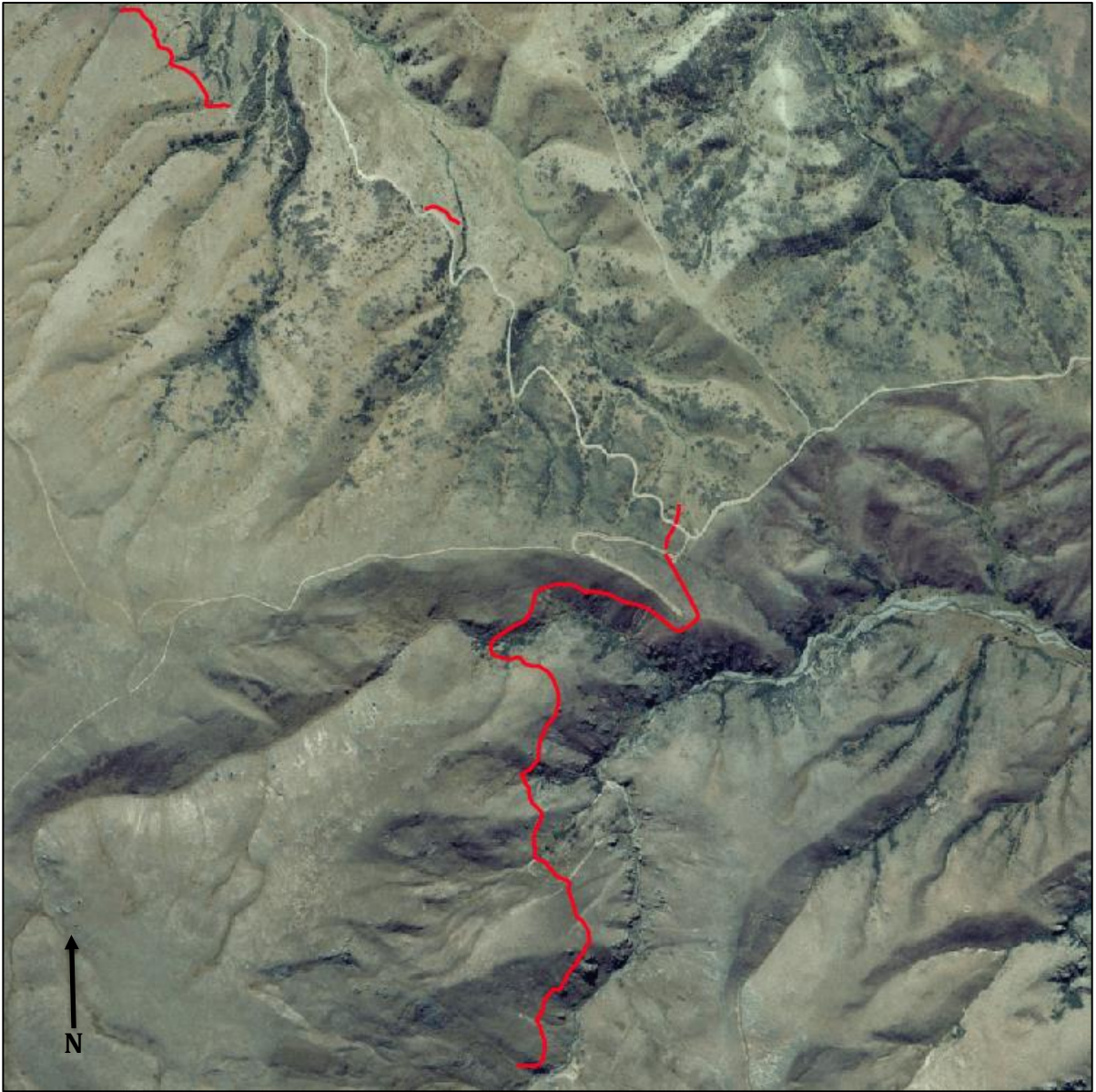


Figure 5 Aerial photograph showing the approximate extent of the water race recorded as G41/584. Approximate site extent based on recorded archaeological features, pedestrian survey, aerial photographs and LiDAR.



Site Record Form

NZAA Site Number: G41/586

Site Coordinates (NZTM)

Imperial Site Number:

Easting:

1316416

Site Type:

Mining - gold

Northing:

5018361

Site Name(s):

Come-in-Time Water

Source:

CINZAS



Finding Aids to the Location of the Site:

The race runs from a dam (G41/585) along the north bank of the Rise and Shine Creek before disappearing into a gully above Bendigo Creek.

Brief Description:

Water race, with some revetted sections, running from dam along creek gully

Condition of Site when last visited:

Good

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Water race

Associated Sites:

G41/585

Description:

Updated 27/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 10/12/2018 by Woods, Naomi; Megan; Scrivener, Phoebe; Lewis, Julia

Sections of the race are revetted, and the race was cut by Thomson Gorge Road in several locations. Nichol & Wright (2006 SRF) suggested that it was one race constructed prior to the construction of the Come-in-Time Battery. However, the site actually comprises two pre-1900 races: one feeding the battery, the other taking the runoff water from the battery. The northwest section of the Come-in-Time water race was not relocated. While both races were established prior to 1900, the Come-in-Time race was used into the twentieth century.

(2006), could not identify the northern extent of the race; however, they did indicate that the race heads south and west towards a gully above Bendigo Creek.

The northeast end of the race was identified during a February 2018 survey where it crosses site G41/604. Closer inspection of current LiDAR and 1958 aerial imagery indicates that the water race splits in two, close to where it intersects with present day Thomson Gorge Road. One section turns back in a hair pin turn at Thomson Gorge Road and heads towards Shepherds Creek while the second race heads southwest towards a tributary of Bendigo Creek . The latter aligns with Nichol & Wright's on site observations. Modern mining has occurred in and around the water race, in particular late 1980s drill holes along the section leading to Shepherds Creek. While some damage has occurred to this race, the 2018 LiDAR data still shows the race at these locations. The southern extent of the Come-in-Time water race was sighted during a December 2018 survey.

Condition Notes:

Updated 27/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 10/12/2018 by Woods, Naomi; Megan; Scrivener, Phoebe; Lewis, Julia

Some disturbance from later mining and road formation but mostly intact.

Images for Site G41/586



Figure 1. Site G41/586 viewed in 2005 from site G41/277 in Rise and Shine valley (Nichol & Wright, 2006).



Figure 2. Photograph looking south at the Come-in-Time water race where it passes through G41/604, February 2018.

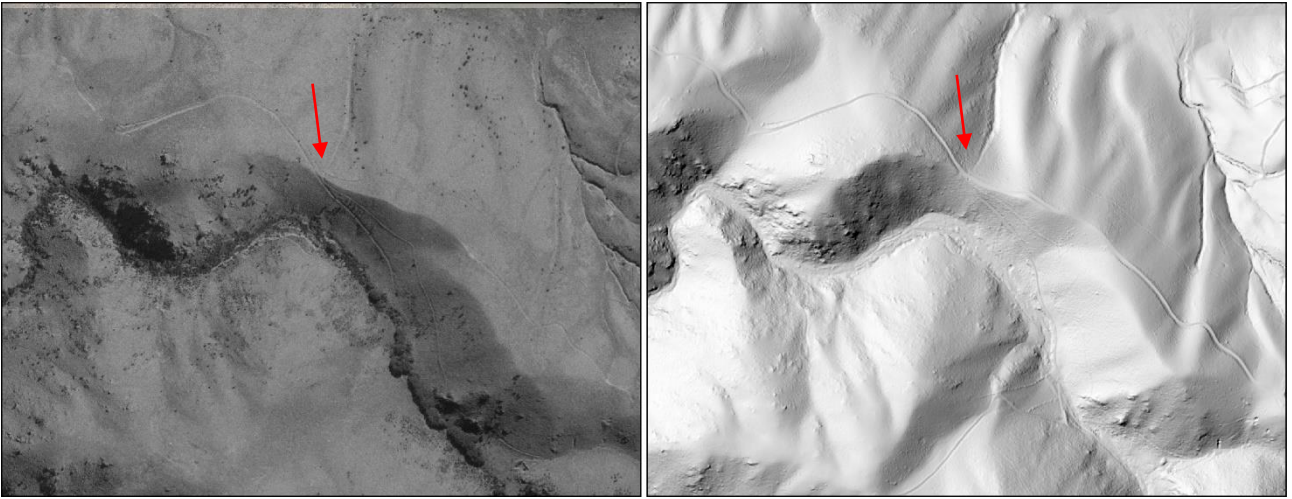


Figure 3. Site G41/4 in 2024, looking east.



Figure 4. Left: photograph looking north at the Come-in-Time water race. Right: photograph looking northeast at the water race. Both photographs taken December 2018.

SITE RECORD FORM (METRIC)

Metric map number **G41**
 Metric map name Cromwell
 Metric map edition 2000

NZAA METRIC SITE NUMBER **G41/586**
 DATE VISITED 3/III/2005
 SITE TYPE Water-race
 SITE NAME: MAORI
 OTHER ?Solway water race

Grid Ref. Easting / / / **2 6 4** / / / Northing / / / **8 0 7** / / /
 G.P.S. Easting 2 2 2 6 3 6 6 Northing 5 5 8 0 0 8 6

1. Aids to relocation of site (*attach a sketch map*)

Apparently fed by dam G41/585 on Rise and Shine Creek. On north side of R & S Creek; through gorge to Clearwater; crosses then recrosses Thomson Gorge Road.

2. State of site and possible future damage

Condition very variable. Most of race is now probably safe..

3. Description of site (*Supply full details, history, environment, references, sketches, etc. If extra sheets are attached, include a summary here*)

2228242 5578143 1st point where water-race is well defined.
 Race on north bank of Rise and Shine visible c. 30 m below dam G41/585.
 2227911 5578621 Opposite Rise & Shine mine
 2227719 5578755 First trace opposite. R & S battery, beyond road breach.
 2227631 5578708 Last trace of race going downstream opposite. R & S.
 2226723 5579628 Water race crosses gully up from Come-in-Time battery.
 2226708 5579633 Water race in front of battery.
 Water-race cut by construction of battery so the race must be a relatively early site.
 2226577 5579705 Bend before rock outcrop.
 2226564 5579739 Water race after rock outcrop
 2226366 5580086 Race under Thomson Gorge Road. (N.B. source of GPS)
 2226337 5580151 Revetted water-race remnant below road
 Race is revetted with neatly stacked stone on its northern side.
 2226034 5580172 Last trace of race before recrossing road.
 After recrossing road race apparently heads off to the south, into a gully above Bendigo Creek. Race may have been source of water used in alluvial mining on the creek, or for powering the Solway Battery, which operated from 1870, or both.

4. Owner Dan Perriam Tenant/Manager
 Address Bendigo Station Address

5. Nature of information (*hearsay, brief or extended visit, etc.*)

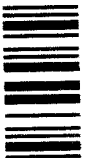
Brief visit.
 Photographs (*reference numbers, and where they are held*)
 Aerial photographs (*reference numbers, and clarity of site*)

6. Reported by R. Nichol Filekeeper J. Hamel
 Address 50 Devon St, Picton Date

J. Hamel
 1/07

7. New Zealand Historic Places Trust (*for office use*)

1 H 1 A 1 Type of site 1 B 1 A 1 Present condition and danger of destruction
 1 / / / Local environment today 1 T 1 K 1 Local body 1 A 1 E 1 Land classification

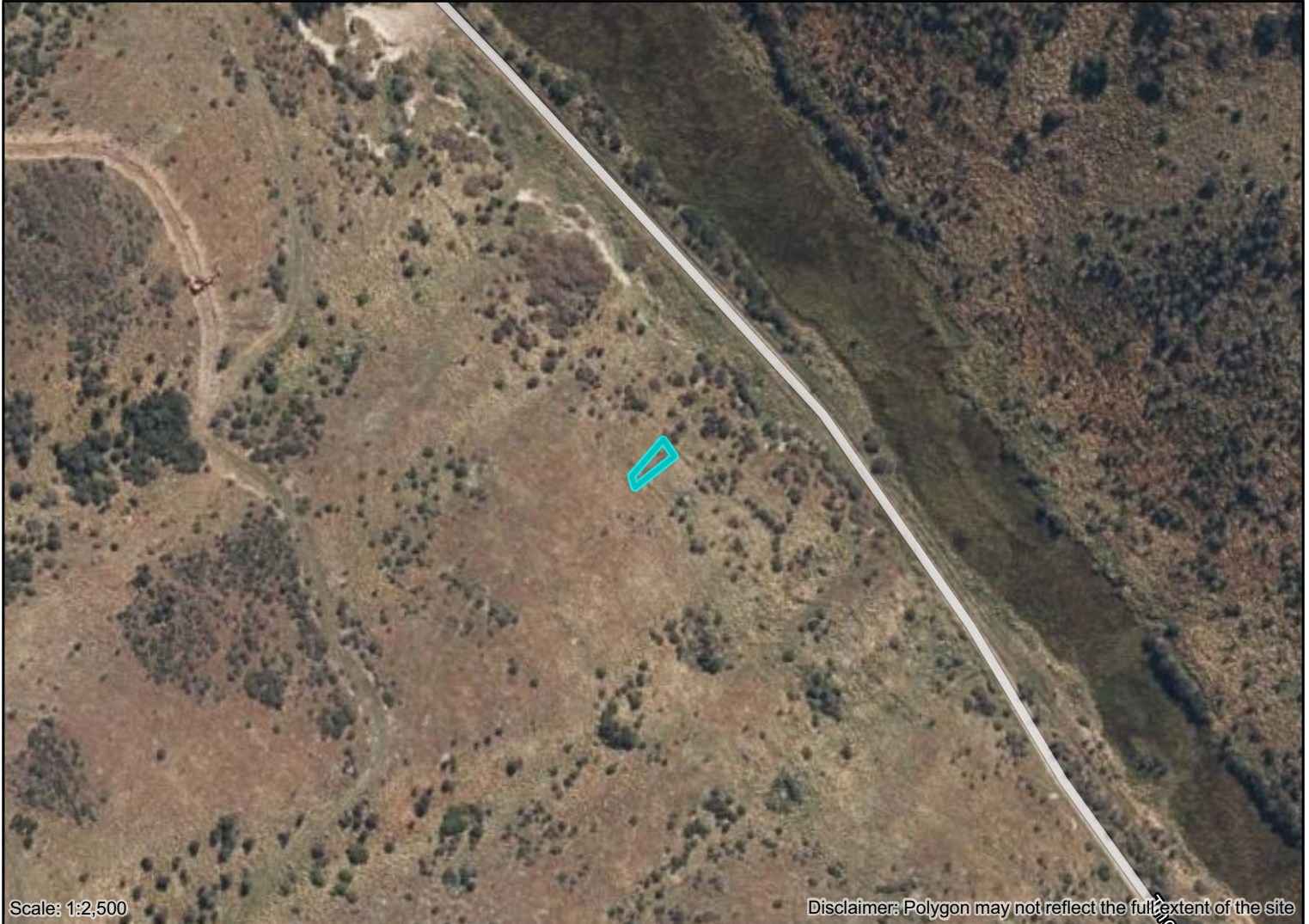


Site Record Form



NZAA Site Number: G41/588
Imperial Site Number:
Site Type: Artefact find
Site Name(s):

Site Coordinates (NZTM)
Easting: 1317999
Northing: 5016701
Source: Shapefile



Scale: 1:2,500

Disclaimer: Polygon may not reflect the full extent of the site

Finding Aids to the Location of the Site:

Located just to the southwest of Thomsons Gorge Road at the base of the slope

Brief Description:

Historic midden - bottle glass, metal fragments

Condition of Site when last visited:

Not Visible

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Artefact - historic, Artefact - bottle

Associated Sites:

Description:

Updated 10/01/2025 (Other), submitted by: NZHP_NaomiWoods_ArchSite

Previously described as a trench with pre-1900 artefact scatter. Unknown purpose and age, possibly the result of fossicking activity (see original SRF). New Zealand Heritage Properties surveys in 2017 and 2018 were unable to locate the site on the ground, but trench location was identified in 2018 LiDAR imagery.

Condition Notes:

Updated 10/01/2025 (Other), submitted by: NZHP_NaomiWoods_ArchSite

Not currently visible on ground due to vegetation.

Images for Site G41/588



Figure 1. Nineteenth century bottle fragments with slot excavation behind at site G41/588 in 2005 (Nichol & Wright, 2006).

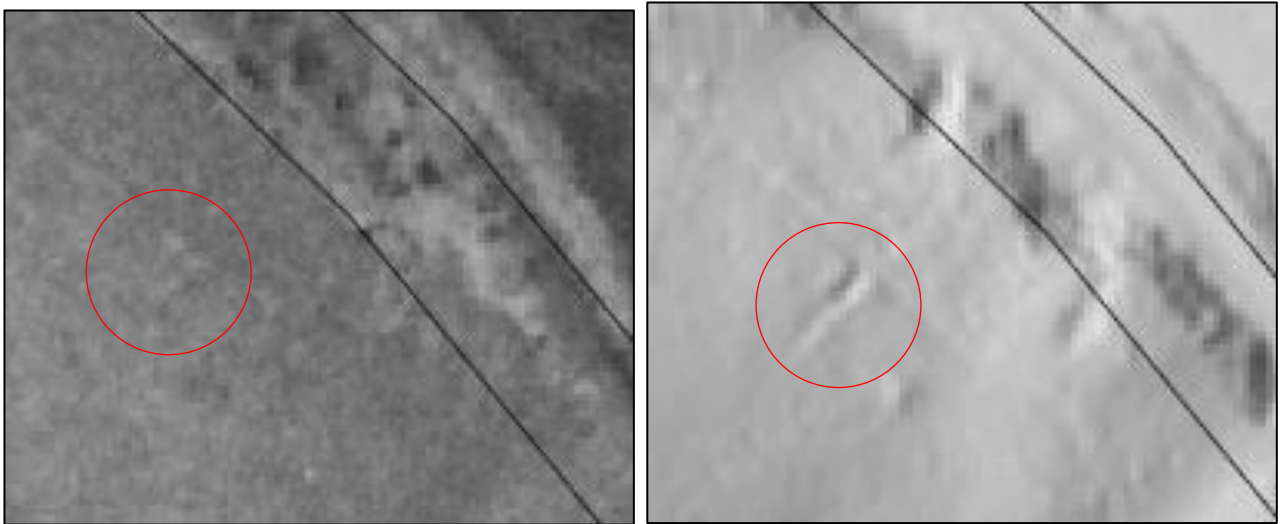


Figure 2. 1958 Aerial photograph (left) and LiDAR imagery (right) showing site G41/588 (circled red).

SITE RECORD FORM (METRIC)

Metric map number **G41**
 Metric map name **Cromwell**
 Metric map edition **2000**

NZAA METRIC SITE NUMBER **G41/588**
 DATE VISITED **2/III/2005**
 SITE TYPE **European midden**
 SITE NAME: **MAORI**
 OTHER **Rise and Shine Creek**

Grid Ref. Easting / / / **2 7 9** / / / Northing / / / **7 8 4** / / /
 G.P.S. Easting **2 2 2 7 9 4 8** Northing **5 5 7 8 4 2 1**

1. Aids to relocation of site (*attach a sketch map*)

About 4 m above road. Across valley "Cat in Hat hat rock" bears 32°; round tor on skyline bears 359°.

2. State of site and possible future damage

Site appears to be result of fossicking; any remaining part of site now probably safe.

3. Description of site (*Supply full details, history, environment, references, sketches, etc. If extra sheets are attached, include a summary here*)

Slot cut into hillside c. 5 m long, 1 m wide, up to 500 mm deep. Domestic debris exposed includes bottle fragments in black (tall quart with blued conical punt), pale green (deep dew-drop punt) and pale blue glass. Also metal scrap including oval handle (from small tin?) about 70x30 mm.

4. Owner **Dan Perriam**
 Address **Bendigo Station**

Tenant/Manager
 Address

5. Nature of information (*hearsay, brief or extended visit, etc.*)

Brief visit

Photographs (*reference numbers, and where they are held*)

Aerial photographs (*reference numbers, and clarity of site*)

6. Reported by **R. Nichol**
 Address **50 Devon St**
Picton

Filekeeper **J. Hamel**
 Date

J. Hamel
 1/07

7. New Zealand Historic Places Trust (*for office use*)

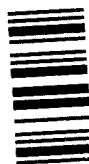
1H/A Type of site

1 1 1 Local environment today

1A/E Land classification

1B/A Present condition and danger of destruction

1T/K Local body





Site Record Form

NZAA Site Number: G41/589

Imperial Site Number:

Site Type: Transport/

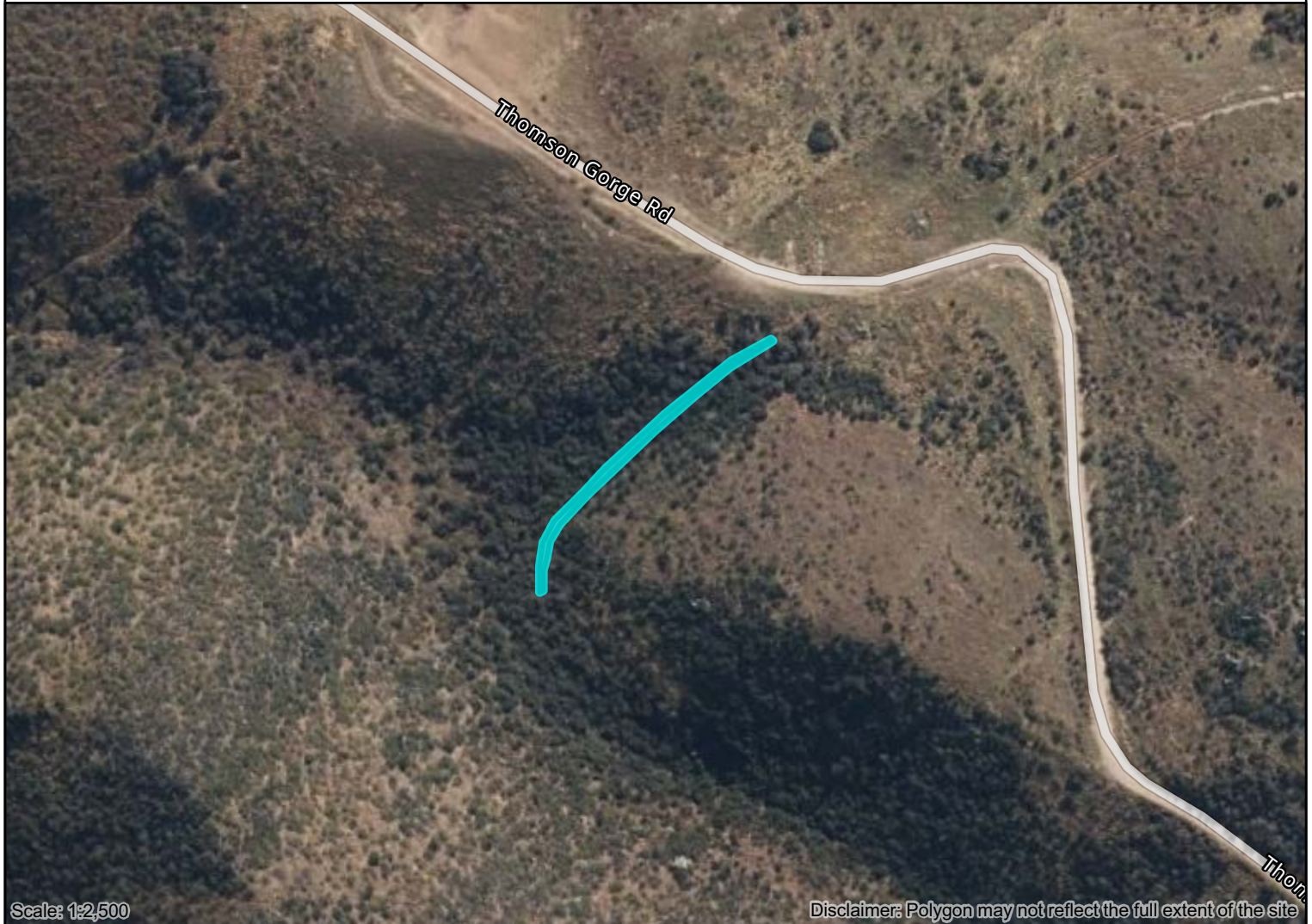
Site Name(s):

Site Coordinates (NZTM)

Easting: 1316977

Northing: 5017871

Source: Shapefile



Finding Aids to the Location of the Site:

On steep slope 250m to east of Come-in-Time battery

Brief Description:

Stone revetted road

Condition of Site when last visited:

Fair

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Stone retaining/ facing, Road

Associated Sites:

Description:

Updated 10/01/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 18/12/2018 by Lawrence, Megan; Julia; Scrivener, Phoebe; Weston, Jasmine

Revetted path/road, see original SRF for detailed description. Road was unable to be accessed during survey undertaken by New Zealand Heritage Properties in 2018, but viewed from site G41/251 (Come-in-Time Battery). Easily discernible from a distance and on 2018 LiDAR imagery.

Condition Notes:

Updated 10/01/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 18/12/2018 by Lawrence, Megan; Julia; Scrivener, Phoebe; Weston, Jasmine

Appears to be largely intact but not viewed close up.

Images for Site G41/589



Figure 1. Site G41/589 in 2005 (Nichol & Wright, 2006).



Figure 2. Photograph looking northeast at the revetted road recorded as G41/589 (red arrow), taken 2018.

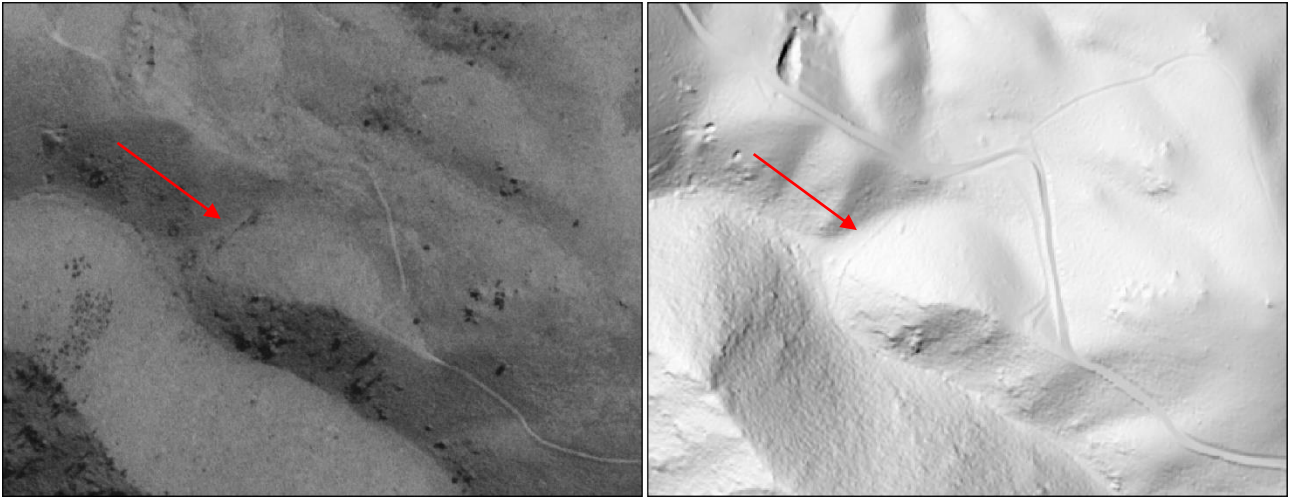


Figure 3. 1958 aerial photograph and 2018 LiDAR imagery showing the revetted road recorded as G41/589 (red arrow).

References

Nichol, R., & Wright, L. (2006). *Archaeological Sites on Rise and Shine Creek & Clearwater Creek, Bendigo Goldfield. EP40481.*

SITE RECORD FORM (METRIC)

Metric map number **G41**
 Metric map name Cromwell
 Metric map edition 2000

NZAA METRIC SITE NUMBER **G41/589**
 DATE VISITED 3/III/2005
 SITE TYPE Revetted road
 SITE NAME: MAORI
 OTHER Clearwater Creek

Grid Ref. Easting / / / **2 6 9** / / / Northing / / / **7 9 6** / / /
 G.P.S. Easting **2 2 2 6 9 2 7** Northing **5 5 7 9 5 9 0**

1. Aids to relocation of site (*attach a sketch map*)

On north side of Clearwater Creek and below Thomson Gorge Road. Clearly visible from Come in Time battery site. G.P.S. is from middle of clearer section of track.

2. State of site and possible future damage

Apparently most of site is smothered in scrub. Visible part of site appears to be in good condition and is probably generally safe.

3. Description of site (*Supply full details, history, environment, references, sketches, etc. If extra sheets are attached, include a summary here*)

2226923 5579574 Road enters scrub toward gorge.
 2226927 5579590 Road curves slightly, middle of clearer section.
 2226926 5579606 Road enters scrub at uphill end, toward Thomson Gorge Rd

Road is about 2 m wide excluding stonework. Little is known of this road but it probably formed part of a track up through gorge to valley of the Rise and Shine Creek.

4. Owner Dan Perriam Tenant/Manager
 Address Bendigo Station Address

5. Nature of information (*hearsay, brief or extended visit, etc.*)

Brief visit.

Photographs (*reference numbers, and where they are held*)

Aerial photographs (*reference numbers, and clarity of site*)

6. Reported by R. Nichol Filekeeper J. Hamel
 Address 50 Devon St Date
 Picton

J. Hamel
 1/07

7. New Zealand Historic Places Trust (*for office use*)

1H1A1 Type of site *1A1A1* Present condition and danger of destruction
111 Local environment today *1T1K1* Local body
1A1E1 Land classification



Site Record Form



NZAA Site Number: G41/604
Imperial Site Number:
Site Type: Mining - gold
Site Name(s):

Site Coordinates (NZTM)
Easting: 1316877
Northing: 5018231
Source: Shapefile



Finding Aids to the Location of the Site:

North side of Thomsons Gorge Road, directly opposite Come-in-Time battery car park

Brief Description:

Remains of metal turbine associated with gold mining, remains of stacked stone chimney or forge, pieces of machinery, pipe, metal objects

Condition of Site when last visited:

Fair

Site Periods:

Colonial 1840-1900, Modern 1900-

Ethnicity:

Non Maori

Site Features:

Chimney, Pipeline, Prospecting pit/ trench, Mining workings

Associated Sites:

Description:

Updated 10/01/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 10/12/2018 by Woods, Naomi; Megan; Lewis, Julia; Scrivener, Phoebe

Visited in November 2017 and February and December 2018. Found to be largely as described in earlier site record form updates. Intact features included a stacked stone chimney or forge, pieces of machinery and metal pipe, trenches and chasms. Twentieth century vehicle tracks have modified the site.

Condition Notes:

Updated 10/01/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 10/12/2018 by Woods, Naomi; Megan; Lewis, Julia; Scrivener, Phoebe

Some modern disturbance but many features remain intact.

Images for Site G41/604

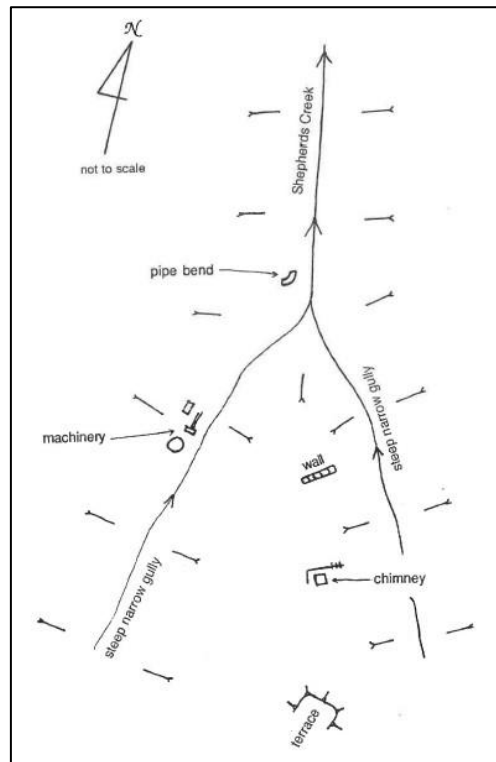


Figure 1. Sketch map of G41/604 (Hamel, 1993).



Figure 2. Potential turbine remains at site G41/604 in 2005 (Nichol & Wright, 2006).



Figure 3. Stacked stone chimney or forge remains with metal artefacts on top (G41/604), photographed February 2018.



Figure 4. Looking southeast towards site G41/604, February 2018.

References

Hamel, J. (1993). *The rich fields of Bendigo*. Department of Conservation.

Nichol, R., & Wright, L. (2006). *Archaeological Sites on Rise and Shine Creek & Clearwater Creek, Bendigo Goldfield*. EP40481.

G41/ 604 description (continued)

Main shaft assembly comprises impeller c. 1.150 m wide, then shaft to grooved bearing, then joining flanges bolted together, then 280 mm gap to

two bolted two-piece collars, both about 450 mm diameter, the joins set at right angles to each other, then a belt drive 304 mm wide and about 400 mm diameter, then a narrower end 240 mm long, 72 mm diameter, that would have run inside the top bearing. Where belt drive is keyed shaft is thicker at 320 mm circumference. Total length is 3.350 m.

Bearing caps, bearing block etc lying around, not all matching, but include grooved bearing cap. The grooved bearing confirms it stood upright. The collars were originally thought to be some sort of balance device, but an engineer suggests that they were to join sections of shaft (Peter Smythe, pers.comm.), so shaft has presumably been lengthened.

Adjacent to the impeller are decayed timbers in the ground with 32 mm diam. bolts, 950 mm apart but not in line. Longest is 500 mm above ground. Alongside, in the bottom of the natural gully, is a channel in the rock c. 750 mm wide. Below the turbine remains is a levelled area c. 6 m long and 2.5 m wide on the hillside (not shown by Hamel). Pipe bend below the machinery as shown by Hamel not sought.

This could have been battery site for Red Mine North (battery site could have been on small flat between wall and machinery, but vegetation prevented close examination). The alternative would have been to take ore up over the ridge to the Come-in-Time, and miners seem to have built/relocated batteries rather than go in for complicated haulage systems. Bent bolts suggest it was erected, and fell/was pushed over at some stage. Collars on shaft suggest its height was increased to suit the new site.

Hamel (1993: 15) says there was a water turbine at the Matilda battery, and it could later have been moved to this site. But this "bush turbine" was almost certainly inadequate to power the 20-stamp Matilda battery, and it is more likely that the Matilda turbine inspired the Red Mine North operators to develop this "bush turbine". As it may not even have driven the small battery at this site the battery may then have been taken over the ridge to the Come-in-Time site.

2226821 5579891 547m 6m 368 Point on pipeline route

Steep, narrow gully above the turbine (shown in Hamel fig 20a) is a likely route for a pipe to supply the turbine. Water supply probably came from water race G41/586 that passes through the ridge nearby, but no connection confirmed.

2226830 5579824 556m 6m 369 Possibly top of pipeline route

G41/604

NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION

SITE DESCRIPTION FORM (METRIC)

Metric map number **G41**
Metric map name Cromwell
Metric map edition 2000

NZAA METRIC SITE NUMBER **G41/604**
DATE VISITED 26/V/2005
SITE TYPE Bush turbine/battery
SITE NAME: MAORI
OTHER Shepherds Creek

Grid Ref. Easting / / / **2 6 8** / / / Northing / / / **7 9 9** / / /

G.P.S. Easting **2 2 2 6 8 2 0** Northing **5 5 7 9 9 5 8**

2226875 5579923 540m 7m 364 Terrace below Red Mine

Terrace 8m wide at rear, 6m deep. Back wall bears approx 40-220° mag. Excavation c1.8 m deep at back.

2226852 5579949 526m 6m 365 Fireplace/forge on terrace

Shown as chimney on Hamel (1993: fig 20a). Fireplace (forge?) 1.2 m wide, 1.3 m deep and 0.75 m high at front. 2.4 m from front of fireplace to front of terrace and about 2 m each side of fireplace. Metal relics on top include an eye-bolt used in bracing a timber building; a pin used in securing a structure to its foundations; a pipe bracket; a rail joiner; and possibly part of the chassis from a small rail wagon or tub. One item is thought to be a riffle plate of a Wilfley table, used in gold recovery, suggesting that a battery was operating close by (identification from Jim Staton).

Apart from a few stones at the front lip the terrace is largely natural (i.e. possibly levelled but not built up). Drop in front c. 2 m.

2226834 5579962 524m 6m 366 Stone wall

Very well built stone wall 4.2m long, 1.8m high, 650 mm thick. Small possible flat, overgrown, halfway to machinery.

2226820 5579958 521m 6m 367 Turbine remains (main feature)

Pipe set in ground, 0.715m (2'4") across with flange 46 mm wide with 21 holes of 18 mm diam, slightly ovalled. Hole in uphill side 72 mm diam with four holes 14 mm around. Top is 630 mm out of ground. Heavy butterfly valve section - similar to choke control on carburettor. Round flange 730mm diam and 58 mm wide at one end, square flange at the other. 21 holes of 16 mm diam, some ovalled. In line with the butterfly pivots is a protrusion c. 130 mm outside diameter (partly buried so hard to measure). Ends with an oval flange with a protruding securing stud. Something else missing from centre, presumed to be the other end of the butterfly pivot that would have been attached to some sort of governor mechanism. Section is 462 mm long. Has a lug in line with butterfly.

SITE RECORD FORM (METRIC)

Metric map number **G41**
 Metric map name Cromwell
 Metric map edition 2000

NZAA METRIC SITE NUMBER **G41/604**
 DATE VISITED 26/V/2005
 SITE TYPE Bush turbine/battery
 SITE NAME: MAORI
 OTHER Shepherds Creek

Grid Ref. Easting / / / **2 6 8** / / / Northing / / / **7 9 9** / / /
 G.P.S. Easting **2 2 2 6 8 2 0** Northing **5 5 7 9 9 5 8**

1. Aids to relocation of site (*attach a sketch map*)

Below Red Mine North workings on north side of Thomson Gorge Road.

2. State of site and possible future damage

Some of structures appear to be in reasonable condition; mechanism of turbine now dismantled and some components are missing. Main risk to site now is erosion..

3. Description of site (*Supply full details, history, environment, references, sketches, etc. If extra sheets are attached, include a summary here*)

Several components of site distributed over broad area plotted by Les Wright:

2226875 5579923 Terrace below Red Mine North

Terrace 8m wide at rear, 6m deep. Back wall bears approx. 40-220° mag.

2226852 5579949 Fireplace/forge on terrace

Fireplace (forge?) 1.2 m wide, 1.3 m deep and 0.75 m high at front.

2226834 5579962 Stone wall

Very well built stone wall 4.2m long, 1.8m high, 650 mm thick.

2226820 5579958 Turbine remains (N.B. source of GPS)

Total shaft length is 3.350 m, impeller c. 1.150 m wide.

2226821 5579891 Point on pipeline route

2226830 5579824 Possibly top of pipeline route

More detailed descriptions (from notes by LW) on Site Description forms attached

4. Owner	Dan Perriam	Tenant/Manager
Address	Bendigo Station	Address

5. Nature of information (*hearsay, brief or extended visit, etc.*)

Extended visit. Site plotted by GPS; map by Hamel attached

Photographs (*reference numbers, and where they are held*)

Aerial photographs (*reference numbers, and clarity of site*)

6. Reported by	R. Nichol	Filekeeper	J. Hamel
Address	50 Devon St, Picton	Date	

7. New Zealand Historic Places Trust (*for office use*)

/H/A/	Type of site	/B/T3/	Present condition and danger of destruction
/ / /	Local environment today	/T/K/	Local body
/A/E/	Land classification		



Site Record Form



NZAA Site Number: G41/605
Imperial Site Number:
Site Type: Mining - gold
Site Name(s):

Site Coordinates (NZTM)
Easting: 1316937
Northing: 5018011
Source: Shapefile



Finding Aids to the Location of the Site:

North side of Thomsons Gorge Road, directly opposite Come-in-Time battery car park

Brief Description:

Gold mine workings: trench, shafts, adits, sluicings, tram metal line remains

Condition of Site when last visited:

Fair

Site Periods:

Colonial 1840-1900, Modern 1900-

Ethnicity:

Non Maori

Site Features:

Mining workings

Associated Sites:

Description:

Updated 10/01/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 10/12/2018 by Woods, Naomi; Megan; Lewis, Julia; Scrivener, Phoebe

Visited in November 2017 and February and December 2018. Found to be largely as described in earlier site record form. Twentieth century vehicle activity have modified the site.

Condition Notes:

Updated 10/01/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 10/12/2018 by Woods, Naomi; Megan; Lewis, Julia; Scrivener, Phoebe

Some modern disturbance but many features remain intact.

Images for Site G41/605



Figure 1. Looking north over site G41/605 in 2005 (Nichol & Wright, 2006).

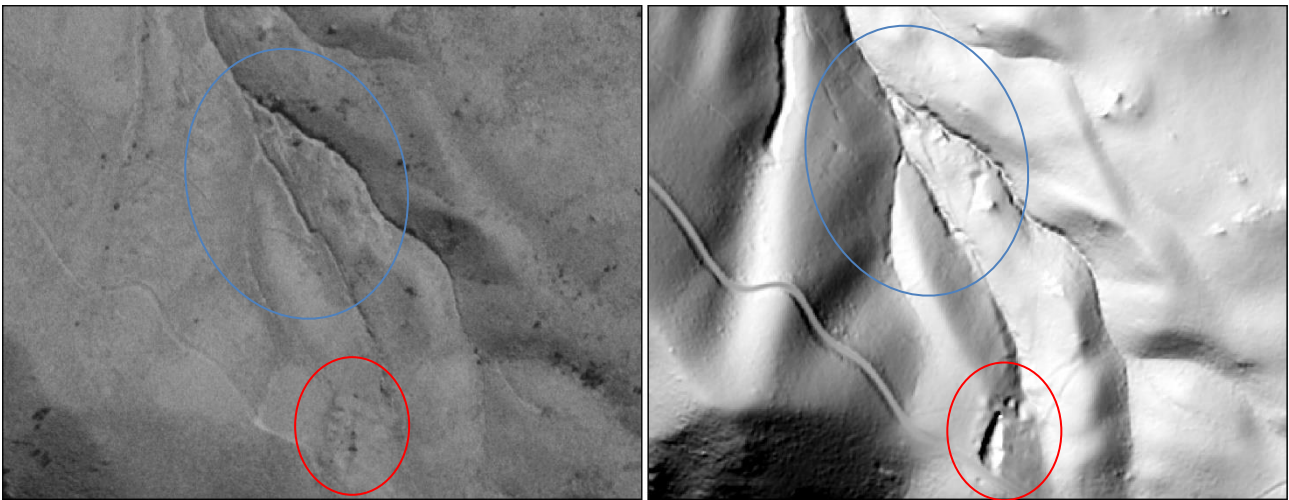


Figure 2. 1958 aerial photograph (left) and LiDAR imagery (right) showing G41/604 (blue) and G41/605 (red).



Figure 3. Looking southeast at G41/605, towards Thompsons Gorge Road (at top of ridge), showing motorcycle tracks, November 2017.

References

Nichol, R., & Wright, L. (2006). *Archaeological Sites on Rise and Shine Creek & Clearwater Creek, Bendigo Goldfield. EP40481.*

SITE RECORD FORM (METRIC)

G41/605

Metric map number **G41**

NZAA METRIC SITE NUMBER **605**

Metric map name **Cromwell**

DATE VISITED **3/III/2005**

Metric map edition **2000**

SITE TYPE **Mine**

SITE NAME: **MAORI**

OTHER **"Red Mine North"**

Grid Ref. Easting / / / **2 6 8** / / / Northing / / / **7 9 7** / / /

G.P.S. Easting **2 2 2 6 8 8 4** Northing **5 5 7 9 7 3 4**

1. Aids to relocation of site (*attach a sketch map*)

On north side of Thomson Gorge Road roughly opposite Come-in-Time battery.

2. State of site and possible future damage

Some workings have collapsed; much of site appears to be in good condition. Safe?

3. Description of site (*Supply full details, history, environment, references, sketches, etc. If extra sheets are attached, include a summary here*)

2226884 5579722 Middle top of big trench by road near DoC sign.
 "Chasm" c. 40 m long, up to 10 m wide and 10 m deep. Small bits of tin litter the slope about 20 m to west. Another smaller chasm c. 10 m downhill.
 2226878 5579734 Shaft with pig fern.
 Shaft is about 1.5 x 1 m; depth unknown but probably quite shallow.
 2226891 5579755 Shaft, adit at bottom.
 Shaft c. 2 x 1 m and c. 6 m deep. Adit at bottom runs c. 255° (?aligned with shaft).
 2226902 5579767 Adit c. 5 m long with little prop
 Adit runs at c. 180°; not explored. Entrance may have collapsed.
 2226910 5579779 Upper end possibly sluiced area
 2226906 5579800 Pieces light rail embedded in bank
 Short (c. 1 m) sections of tram line oriented vertically in bottom of gully. More material is buried under c. 200 mm of fine sediment close by.

4. Owner **Dan Perriam**
 Address **Bendigo Station**

Tenant/Manager
 Address

5. Nature of information (*hearsay, brief or extended visit, etc.*)

Brief visit; site mapped
 Photographs (*reference numbers, and where they are held*)
 Aerial photographs (*reference numbers, and clarity of site*)

6. Reported by **R. Nichol**
 Address **50 Devon St, Picton** Date

Filekeeper **J. Hamel**

J. Hamel 1/107

7. New Zealand Historic Places Trust (*for office use*)

1A1A Type of site *1B1A* Present condition and danger of destruction
111 Local environment today *1T1A* Local body *1A1E1* Land classification





Site Record Form

NZAA Site Number: G41/606

Site Coordinates (NZTM)

Imperial Site Number:

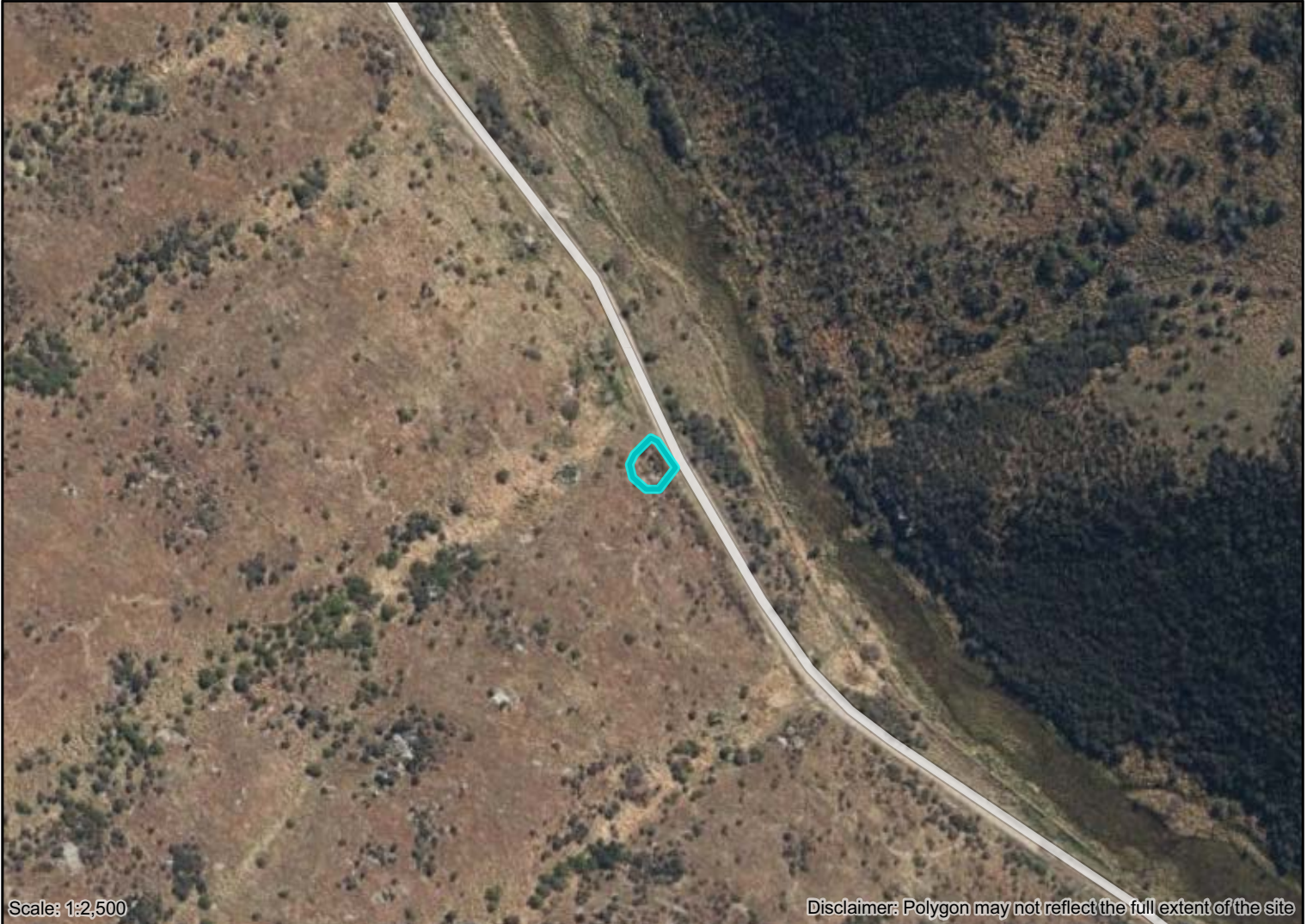
Easting: 1318249

Site Type: Historic - domestic

Northing: 5016411

Site Name(s):

Source: Shapefile



Finding Aids to the Location of the Site:

Follow Thomsons Gorge Road southeast from modern farm dam for approximately 700m, site is on south side of road

Brief Description:

Remains of stacked stone hut

Condition of Site when last visited:

Not Visible

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Building - hut, Stone wall

Associated Sites:

Description:

Updated 10/01/2025 (Other), submitted by: NZHP_NaomiWoods_ArchSite

Ruinous stacked schist hut, see original SRF for detailed description. Hut remains were unable to be relocated on the ground during surveys by New Zealand Heritage Properties between 2017-2024, but located on 2018 LiDAR imagery.

Condition Notes:

Updated 10/01/2025 (Other), submitted by: NZHP_NaomiWoods_ArchSite

Unable to be located in the field, heavily overgrown with long grass.

Images for Site G41/606

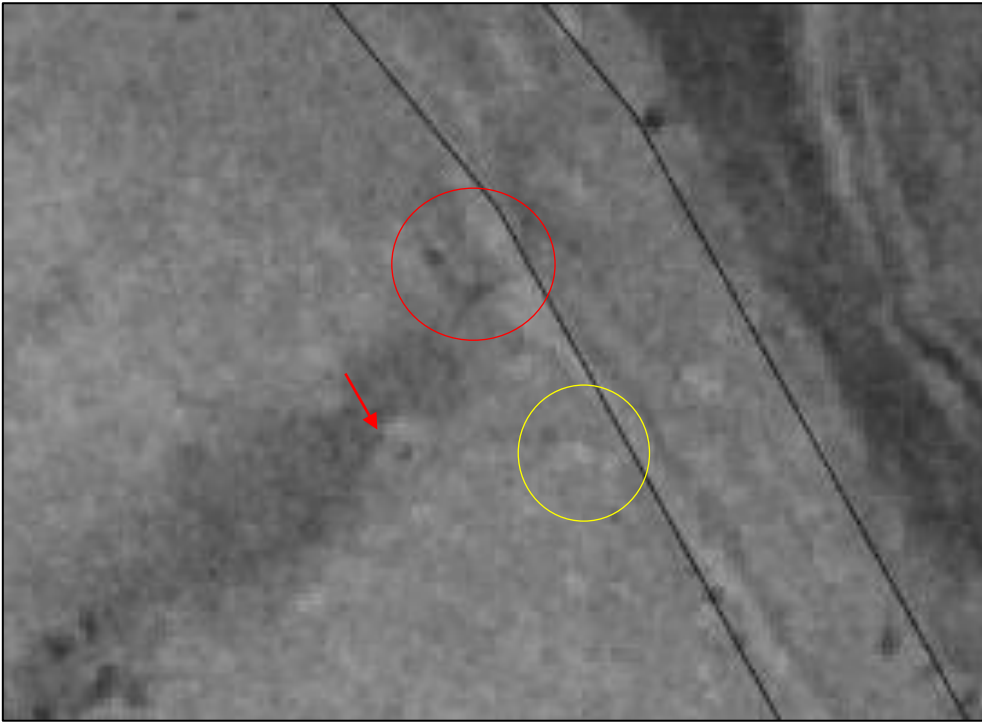


Figure 1. 1958 Aerial photograph showing the location of site G41/273 (circled red) and site G41/606 (circled yellow). The red arrow indicates a more intact hut site (G41/272).

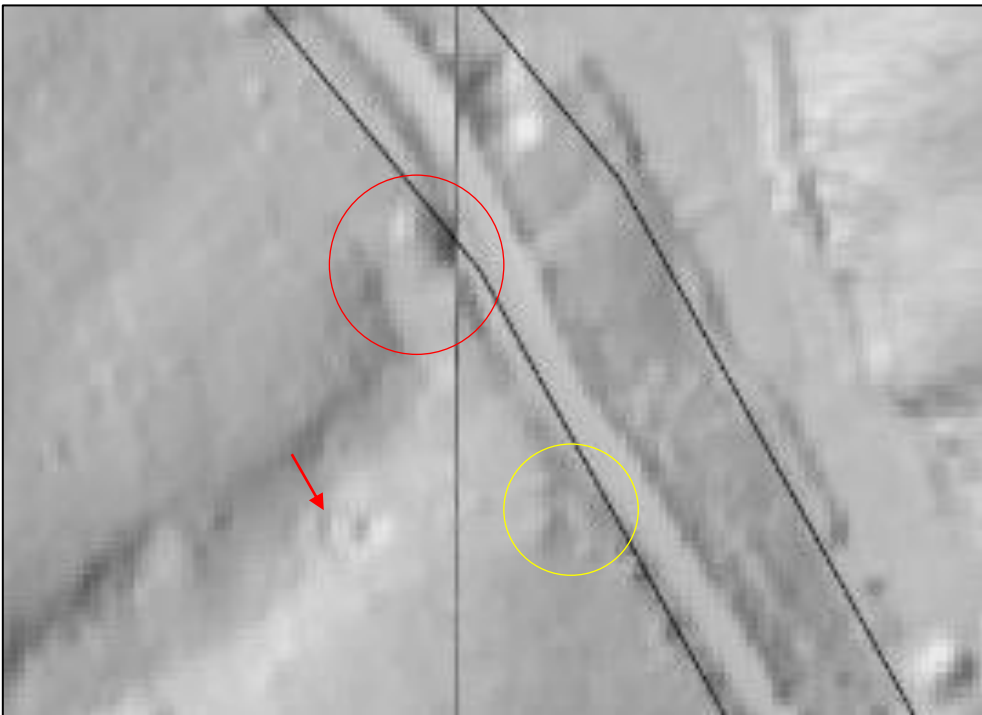


Figure 2. LiDAR imagery showing the location of site G41/273 (circled red) and site G41/606 (circled yellow). The red arrow indicates a more intact hut site (G41/272).

SITE RECORD FORM (METRIC)

G41/606

Metric map number **G41**
 Metric map name Cromwell
 Metric map edition 2000

NZAA METRIC SITE NUMBER **606**
 DATE VISITED 3/III/2005
 SITE TYPE Stone hut
 SITE NAME: MAORI
 OTHER Rise and Shine Creek

Grid Ref. Easting / / / **2 8 1** / / / Northing / / / **7 8 1** / / /
 G.P.S. Easting **2 2 2 8 1 9 3** Northing **5 5 7 8 1 3 4**

1. Aids to relocation of site (*attach a sketch map*)

On southern side of Thomson Gorge Road. Bearing to G41/272 is 245°.

2. State of site and possible future damage

Structure in poor condition; probably generally safe.

3. Description of site (*Supply full details, history, environment, references, sketches, etc. If extra sheets are attached, include a summary here*)

This site was originally mistaken for G41/273, which is nearby. No details of G41/606 were recorded during the survey but mistaken identification suggests it was generally similar, i.e. it was a rectangular stone structure in a ruinous state, or originally with only low walls, aligned with Thomson Gorge Road.

NB: GR puts it on road.

4. Owner Dan Perriam Tenant/Manager
 Address Bendigo Station Address

5. Nature of information (*hearsay, brief or extended visit, etc.*)

Brief visit.

Photographs (*reference numbers, and where they are held*)

Aerial photographs (*reference numbers, and clarity of site*)

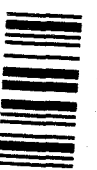
6. Reported by R. Nichol Filekeeper J. Hamel
 Address 50 Devon St, Date
 Picton

J. Hamel
 1/10/07

7. New Zealand Historic Places Trust (*for office use*)

141A / Type of site 131A / Present condition and danger of destruction
 / / / Local environment today 171K / Local body

AE Land Classification





Site Record Form

NZAA SITE NUMBER: G41/658

SITE TYPE: Historic - domestic

SITE NAME(s):

DATE RECORDED:

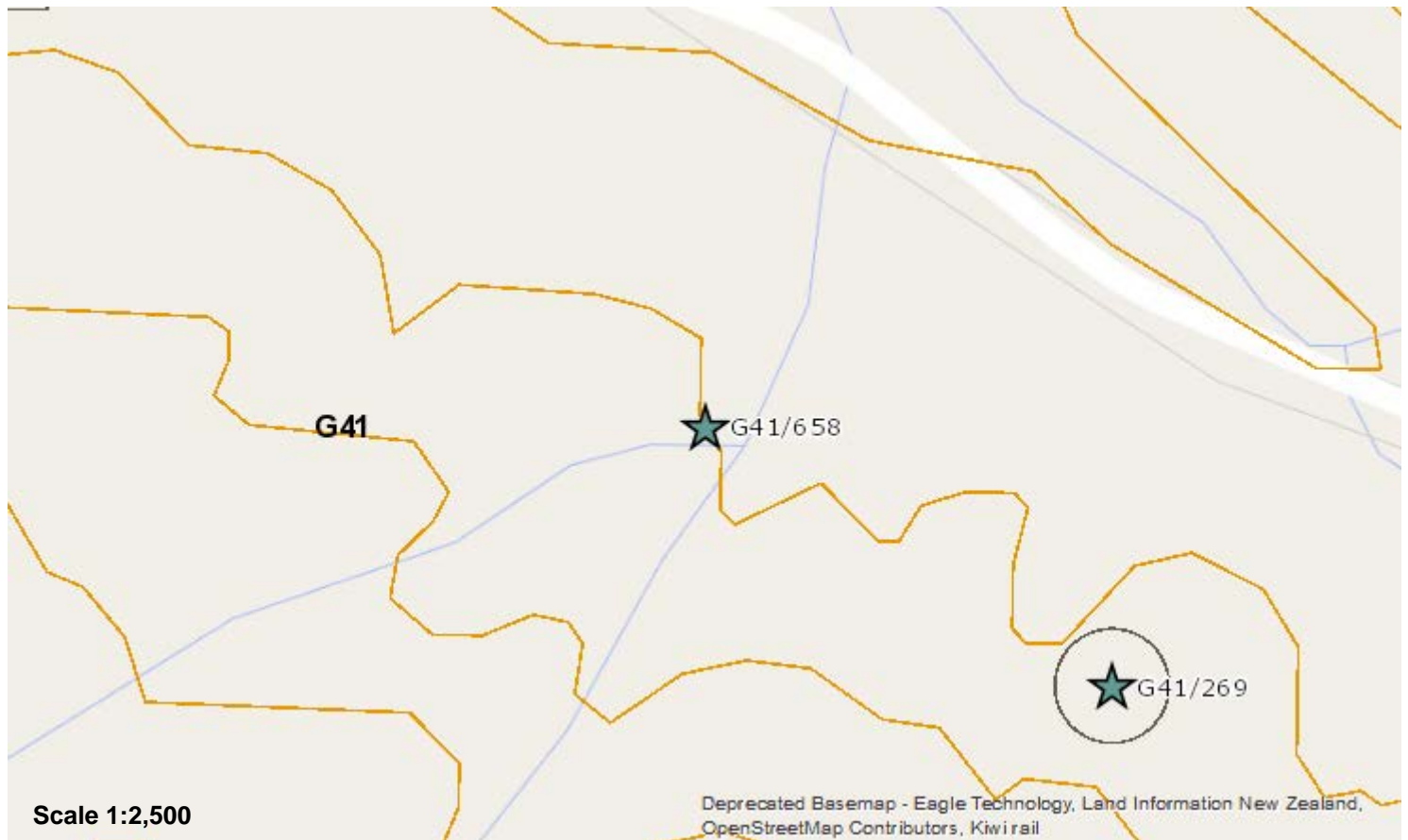
SITE COORDINATES (NZTM) Easting: 1318890

Northing: 5015835

Source: Handheld GPS

IMPERIAL SITE NUMBER:

METRIC SITE NUMBER: G41/658



Finding aids to the location of the site

South of Thomsons Gorge Road, follow modern mining track up-slope to fork in gully, site is close to this fork

Brief description

House/hut terrace cut into slope. Earth bank formed on southwest side. Surface artefacts including ceramics, bottle glass and a matchbox. Prospecting pit downslope.

Recorded features

Artefact - historic, Bank (earth), Hut floor/ site, Prospecting pit/ trench

Other sites associated with this site

SITE RECORD HISTORY**NZAA SITE NUMBER:** G41/658**Site description**

Updated 14/02/2018 (Field visit), submitted by naomiwoods , visited 13/02/2018 by Woods, Naomi
Grid reference (E1318890 / N5015835)

House/hut terrace cut into slope. Earth bank formed on southwest side. Surface artefacts including ceramics, bottle glass and a matchbox. House terrace is approximately 7.5m by 4m and is bordered by rose and oleria (tree daisy) bushes. Approximately 10m downslope is a circular prospecting pit. It is likely there are other features and sites in the immediate area.

Condition of the site

Updated 14/02/2018 (Field visit), submitted by naomiwoods , visited 13/02/2018 by Woods, Naomi

Terrace, bank and prospecting pit are in good condition and easily identifiable. no obvious structural features remain but surface artefacts suggest there may be surviving subsurface archaeology

Statement of condition

Updated: 21/02/2018, Visited: 13/02/2018 - Good – Majority of visible features are intact, but some minor loss of definition and/or damage

Current land use:

Updated: 21/02/2018, Visited: 13/02/2018 - Grazing

Threats:

Updated: 21/02/2018, Visited: 13/02/2018 - Stock trampling, Fossicking

SITE RECORD INVENTORY

NZAA SITE NUMBER: G41/658

Supporting documentation held in ArchSite

Additional Information for site G41/658



Figure 1. House/hut terrace looking south.

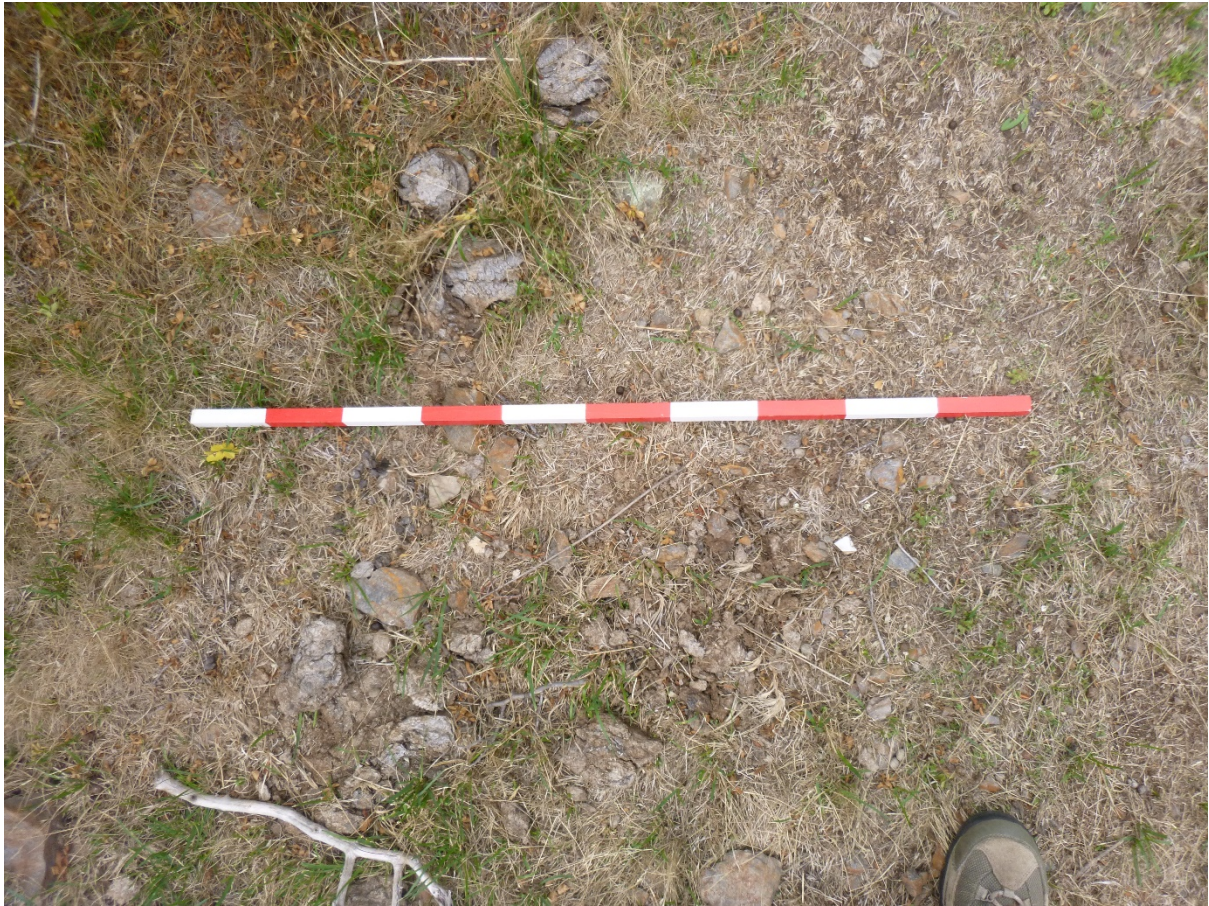


Figure 2. Surface artefacts on terrace.



Figure 3. Prospecting pit downslope from house/hut terrace.



Site Record Form

NZAA Site Number: G41/678

Site Coordinates (NZTM)

Imperial Site Number:

Easting:

1316458

Site Type:

Historic - domestic

Northing:

5018767

Site Name(s):

Source:

Handheld GPS



Finding Aids to the Location of the Site:

Approximately 50 m north of access farm track, and 30 m north of Shepherds Creek.

Brief Description:

A hut or tent site with a stacked schist chimney. Only the stacked chimney remains, which measures 1.2 m by 2 m and 1.9 m high.

Condition of Site when last visited:

Good

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Chimney, Hut floor/ site

Associated Sites:

Description:

Updated 30/01/2019 (Field visit), submitted by meganlawrence , visited 19/12/2018 by Scrivener, Phoebe; Weston, Jasmine; Lewis, Julia

Grid reference (E1316458 / N5018767)

This site records a hut or tent site with a stacked schist chimney. Only the stacked chimney remains, which measured 1.2 m by 2 m and stood 1.9 m high. There was no obvious hut or tent platform surrounding the chimney. No surface artefacts or associated features were identified surrounding the chimney. It is not clear if the site was used by musters or miners in the area.

Condition Notes:

Updated 30/01/2019 (Field visit), submitted by meganlawrence , visited 19/12/2018 by Scrivener, Phoebe; Weston, Jasmine; Lewis, Julia

Site overgrown in grass.

Additional Information for Site G41/678



Figure 1 Photograph looking southeast at chimney recorded as G41/678. Photograph taken by Phoebe Scrivener on 19/12/18.



Figure 2 Photograph looking northwest at chimney recorded as G41/678. Photograph taken by Phoebe Scrivener on 19/12/18.



Figure 3 Photograph looking northeast at chimney recorded as G41/678. Photograph taken by Phoebe Scrivener on 19/12/18.



Figure 4 Photograph looking southwest at chimney recorded as G41/678. Photograph taken by Phoebe Scrivener on 19/12/18.



Figure 5 Photograph looking at top of chimney recorded as G41/678. Photograph taken by Phoebe Scrivener on 19/12/18.

Site Record Form



NZAA Site Number: G41/783

Imperial Site Number:

Site Type: Transport/

Site Name(s):

Site Coordinates (NZTM)

Easting:

Northing:

Source:

Shapefile



Finding Aids to the Location of the Site:

Northwest from site G41/277, parallel to Thomson Gorge Road on north side

Brief Description:

Benched track

Condition of Site when last visited:

Fair

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Track - benched

Associated Sites:

Description:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 12/12/2018 by Lawrence, Megan; Jasmine; Scrivener, Phoebe; Lewis, Julia

A possible pre-1900 track was identified northwest of the Rise and Shine Mine and Battery (G41/277). The track was approximately 3m wide and runs northeast-southwest adjacent to Thomson Gorge Road. The track is possibly an earlier alignment of Thomson Gorge Road through this valley used by miners and farmers in the area.

Condition Notes:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 12/12/2018 by Lawrence, Megan; Jasmine; Scrivener, Phoebe; Lewis, Julia

Track still discernible but overgrown.

Images for Site G41/783



Figure 1. Photograph looking west at possible pre-1900 track (red arrows).

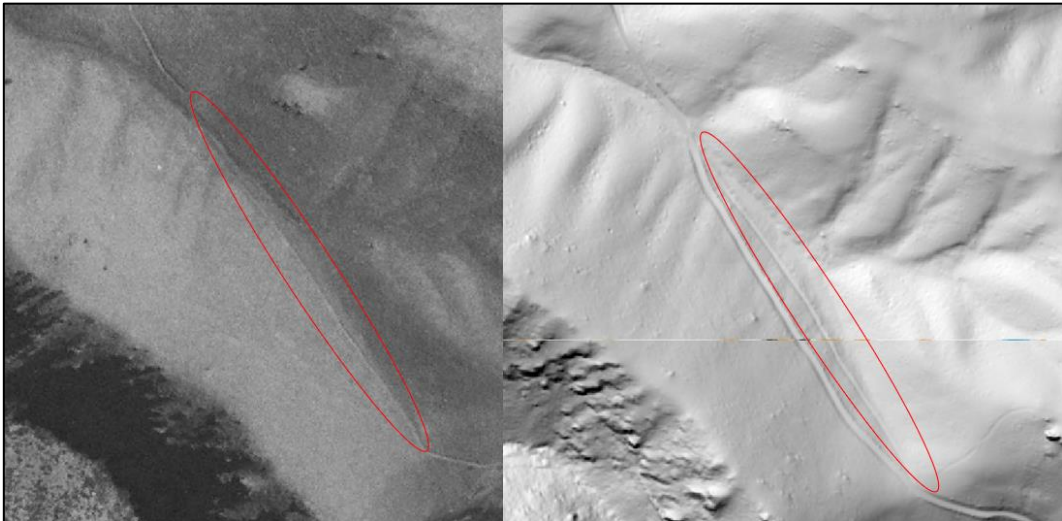


Figure 2. 1958 aerial photograph (left) and LiDAR imagery (right) showing possible track in the valley north of Clearwater Creek valley.



Site Record Form

NZAA Site Number: G41/782

Site Coordinates (NZTM)

Imperial Site Number:

Easting:

Site Type: Transport/

Northing:

Site Name(s): Matakanui-Bendigo

Source: Shapefile



Scale: 1:50,000

Disclaimer: Polygon may not reflect the full extent of the site

Finding Aids to the Location of the Site:

Located along the southern side of the Shepherds Creek Valley

Brief Description:

Stacked stone road revetments and culverts, formed early 20th C

Condition of Site when last visited:

Good

Site Periods:

Colonial 1840-1900, Modern 1900-

Ethnicity:

Non Maori

Site Features:

Culvert, Stone retaining/ facing

Associated Sites:**Description:**

Updated 27/01/2025 (Field Visit), submitted by: NZHP_MeganLawrence_ArchSite, visited 03/08/2021 by Megan Lawrence

The Matakanui-Bendigo Road was first officially surveyed along the Shepherds Creek valley in 1898 (SO 12016). Historical research indicates that the idea of the Matakanui-Bendigo Road had been proposed from at least 1896, with £300 allocated for the survey of the road that year (Otago Witness, 1896). The first official survey occurred in 1898 (Cromwell Argus, 1898). There was possibly an earlier track along this route at this time with one article stating that individuals had “travelled the road” and for the year of 1898, £600 had been allocated to the road’s construction (Cromwell Argus, 1898). Further money for the road was sought by the Vincent County Council in August, 1899 (Cromwell Argus, 1899). Historical newspaper articles suggest that extensive works to form a wide track passable by more substantial transportation did not occur until after 1900. The government invested money into the construction of the road so that it was fit for dray traffic in 1902 (Dunstan Times, 1902).

The wide road cutting into the natural hillside, and formed with culverts and revetments, is visible in the 1958 aerial photograph. However, following a large 140m revetment, the road is no longer visible in historic aerials and the current road, continuing downhill into Shepherds Creek, was installed after this date. The narrower track continues uphill and was formed in the last 15-20 years. It is unclear if this followed a similar earlier route. There was no evidence of stone revetments or culverts along this track. The abrupt end to the wider road, suggests that investment into the upgrade to this Matakanui-Bendigo Road stopped rather suddenly. Perhaps the Thompsons Gorge Road following the Rise Shine Creek to the south became more important with contracts issued for portions of this road by the Vincent County Council in 1903 (Dunstan Times, 1903). By 1907 the entire Matakanui-Bendigo Road is shown as a track rather than a road in contrast with Thompson Gorge Road to the south.

Sections of the road were surveyed in December 2018 and August 2021 by NZHP archaeologists. Eight culverts, two revetments and two culverts/revetments were recorded along the road. These stone structures were constructed of stacked schist and ranged in condition from poor to good. The largest feature was a large stone revetment (POI 810). The position of these culverts in relationship to the present road varied from being immediately on the roadside, to over 2m from the road edge. A drill scar was also noted along the road side. It is likely that this is the result of construction and maintenance of the road, required to clear a wide enough path through natural stone outcrops, possibly providing stone for the nearby culverts or revetments.

It is likely that many of the stone features present along the Matakanui-Bendigo Road were constructed around the turn of the twentieth century. However, there is potential that some of the stone features may have been constructed or started to be constructed prior to 1900 with investment from the Vincent County Council in 1898 and 1899. The widening and improvement of the road likely replaced an existing, narrower track. By 1907 the entire Matakanui-Bendigo Road is shown as a track rather than a road in contrast with Thompson Gorge Road to the south (Crawford, 1907).

Close to the northern extent of the main project area, the track presently used as the access up the Shepherds Creek Valley veers to the northeast away from the 1898 alignment. However, a narrow track was identified during the survey and is visible in the LiDAR which follows the 1898 proposed road alignment. This formation has been identified by Bruce Jolly (pers. comms.) of Ardgour Station, to be one he installed 15-20 years ago. If an earlier track was present, it would have been heavily modified at this time.

The recorded archaeological site extent has been recorded based on the formal extent of the Matakanui-Bendigo Road as shown in historical survey Plans SO 1204 and SO 12016.

NEW ZEALAND ARCHEOLOGICAL ASSOCIATION INCORPORATED

References:

Crawford, R. J. (1907). Geological Map of Wakefield Survey District (to accompany Bullentin No 5 Cromwell Subdivion, Western Otago Division.

Cromwell Argus. (1898). Upper Clutha Farmers' Club. Issue 1540, 15 November 1898, Page 5.

Cromwell Argus. (1899). Maniototo Jottings. Issue 1590, 12 August 1899, Page 2.

Dunstan Times. (1902). Matakanui-Bendigo Road. Issue 2142, 5 August 1902, Page 5.

Dunstan Times. (1903). Official Gazette of the Vincent County Council. Issue 2165, 20 January 1903, Page 4.

Otago Witness. (1896). Bendigo to Matakanui. Issue 2230, 26 November 1896, Page 23.

Condition Notes:

Updated 27/01/2025 (Field Visit), submitted by: NZHP_MeganLawrence_ArchSite, visited 03/08/2021 by Megan Lawrence

The rough wide portion of the road is still used today. The stone revetments and culverts are in good condition, except for a couple that have collapsed and or have been partially infilled.

Plans and images for the Matakanui Road (Site G41/782)

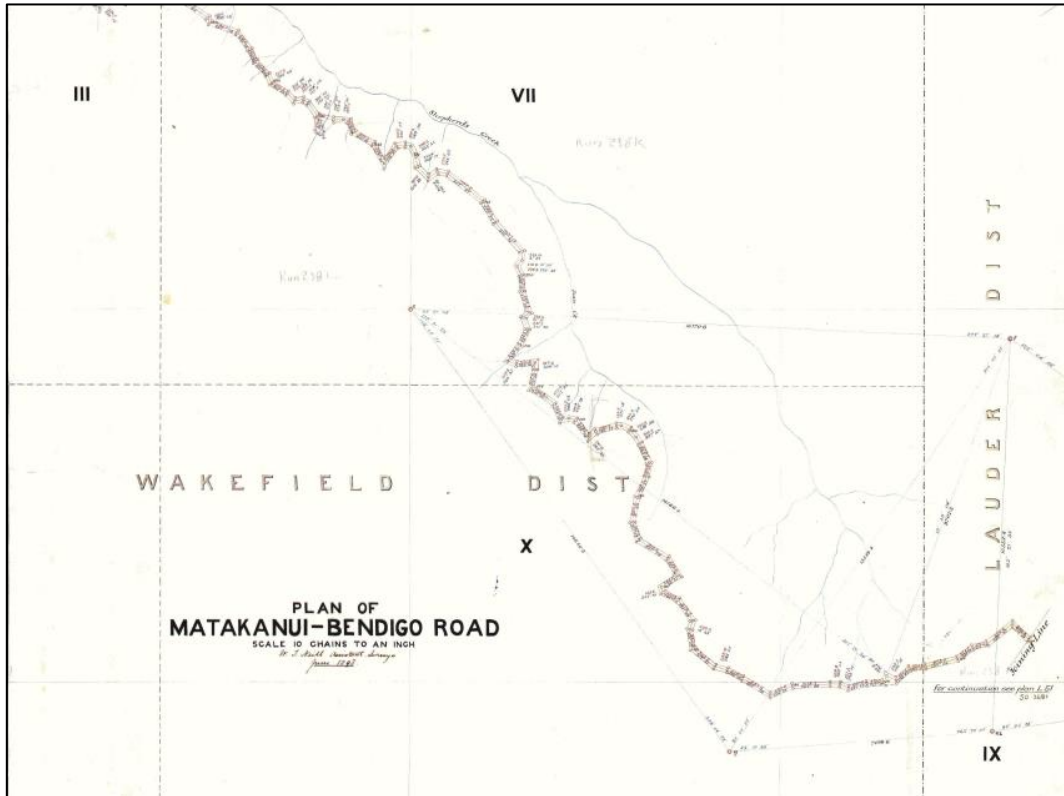


Figure 1. Detail of SO 12016 (1898) shown the first survey of the Matakanui-Bendigo Road along Shepherds and Jean Creek.

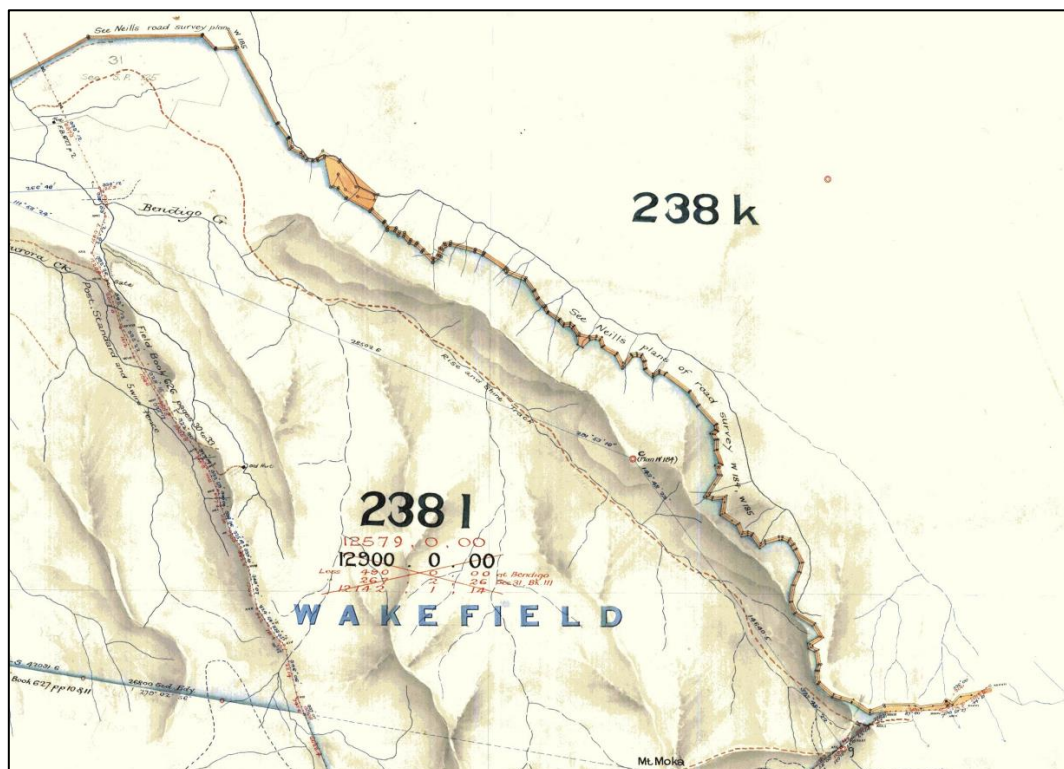


Figure 2. Detail of SO1204 (1909) showing the Matakanui-Bendigo Road.



Figure 3. Photograph looking northwest at main vehicle track currently used along the Matakanui-Bendigo Road.



Figure 4. Aerial photograph from 1958 showing the Matakanui-Bendigo Road (Retrolens, 2021). Note that following the main stone revetment (red arrow) the wide road is no longer visible.

Table 1. Features associated with the Matakanui-Bendigo Road identified during NZHP's site surveys.

POI No.	Feature Type	Condition notes
POI 146	Culvert	Poor - collapsed
POI 241-242	Revetment	Good condition
POI 798	Culvert	Good condition, still functional
POI 799	Culvert	Good condition, still functional
POI 800	Culvert/revetment	Fair condition, collapsed on west end
POI 802	Culvert	Collapsed, poor condition
POI 803	Culvert/revetment	Good condition, still functional
POI 804	Culvert	Good condition
POI 805-806	Culvert	Good condition
POI 807-808	Culvert	Fair condition, partially infilled
POI 809	Culvert	Good condition
POI 810	Revetment	Good condition



Figure 5. LiDAR imagery with land parcel boundaries shown in black. The Matakanui-Bendigo Road as surveyed is shown along with associated features. At the southeast end, the currently used road veers off to the northeast; however, a smaller narrower track continues to follow the surveyed alignment (shown in purple – POI 812), this was later determined to be a track established approximately 20 years ago, and further west it veers off from the proposed road extent. Features along the track include culverts in blue, historic drill site in yellow, and stone revetments in orange.



Figure 6. Photograph looking east at collapsed stacked schist culvert (POI 146).



Figure 7. Photograph looking south at stacked schist revetment (POI 241-243).



Figure 8. Photograph of culvert (POI 798) looking north.



Figure 9. Photograph looking southwest at partial culvert (POI 798 – top left), collapsed culvert (POI 802 - top right)



Figure 10. Photographs of culvert and revetment (POI 800) looking southeast at intact east end (top left), east at collapsed west end (top right), south at culvert (bottom left), and north at inlet (bottom right).



Figure 11. Photographs of culvert and revetment (POI 803) looking east (top left), north (top right), south at culvert (bottom left and right).



Figure 12. Photographs of stacked schist revetment (POI 810) looking southeast and southwest at the northwest end of the wall.



Figure 13. Photographs of stacked schist revetment (POI 810) southeast along the extent of the wall (left) and north (right) at the southeast end of the wall.



Figure 14. Photograph looking west at full extent of the stacked schist revetment (POI 810).



Figure 15. Photograph looking north at drill point on south (upper) side of the road.

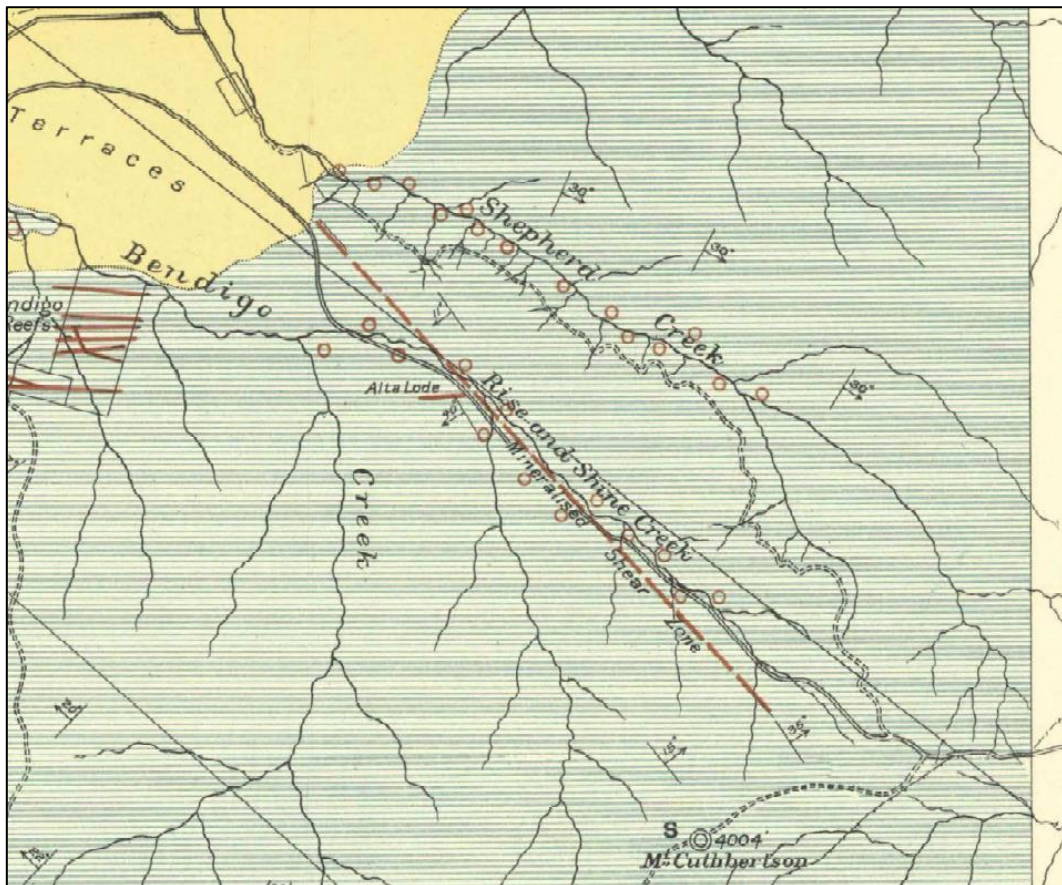


Figure 16. Detail of 1907 geological survey map showing the Matakanui-Bendigo Road and the Thomson Gorge Valley Road to the south (Crawford, 1907).



Site Record Form

NZAA Site Number: G41/784

Site Coordinates (NZTM)

Imperial Site Number:

Easting:

Site Type: Historic - domestic

Northing:

Site Name(s):

Source:

Shapefile



Scale: 1:2,500

Disclaimer: Polygon may not reflect the full extent of the site

Finding Aids to the Location of the Site:

Approximately 25m southeast of hut or tent site G41/678 in the Shepherds Creek valley

Brief Description:

Raised platforms - possible tent/hut sites, scattered schist blocks, in stream valley

Condition of Site when last visited:

Fair

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Platform

Associated Sites:

Description:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 12/12/2018 by Lawrence, Megan; Jasmine; Scrivener, Phoebe; Lewis, Julia

Two possible hut or tent sites were recorded in December 2018, approximately 25m southeast of hut or tent site G41/678 in the Shepherds Creek valley. These were two raised grassed areas which included a number of schist stones that may have once belonged to a structure. The thick grass at the time made it difficult to identify distinct extents of the areas; however, the raised platform area closest to G41/678 was approximately 8 m by 3 m, and the next raised area approximately 5 m from the first was approximately 5 by 6 m. Due to their proximity, these two platforms have been recorded as one site, and are thought to relate to the small scale mining that took place in this valley during the nineteenth century.

Condition Notes:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 12/12/2018 by Lawrence, Megan; Jasmine; Scrivener, Phoebe; Lewis, Julia

Terraces appear in fair condition.

Images for Site G41/784



Figure 1. Photograph looking southeast at raised platform and schist areas. Phoebe Scrivener stands on the south-eastern most raised platform.



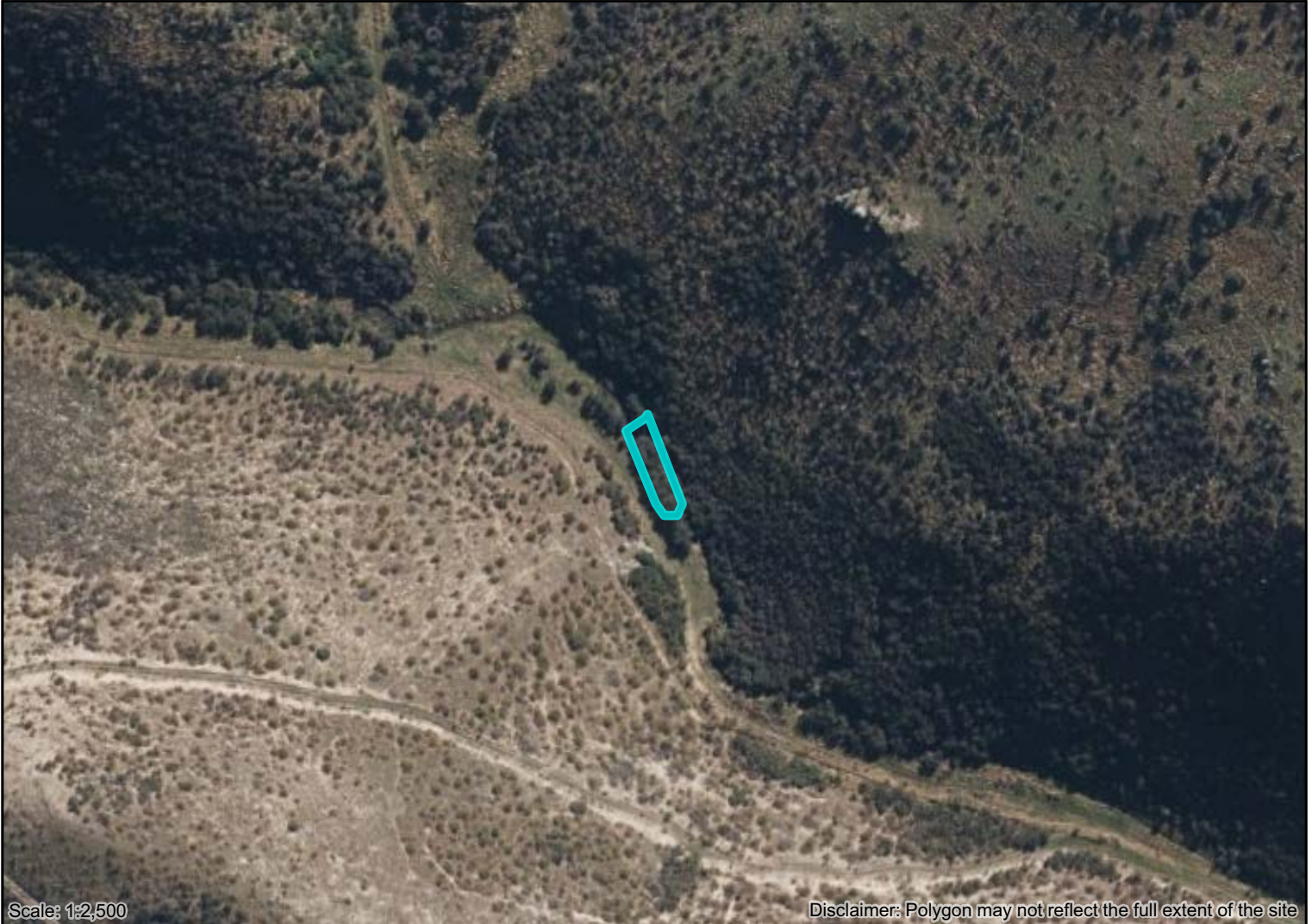
Figure 2. Photograph looking south at raised platform and schist area.



Site Record Form

NZAA Site Number: G41/785
Imperial Site Number:
Site Type: Mining - gold
Site Name(s):

Site Coordinates (NZTM)
Easting:
Northing:
Source: Shapefile



Scale: 1:2,500

Disclaimer: Polygon may not reflect the full extent of the site

Finding Aids to the Location of the Site:

Close to Shepherds Creek, beside modern access track

Brief Description:

Earth mound beside creek

Condition of Site when last visited:

Fair

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Mound

Associated Sites:

Description:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 03/11/2022 by Sole, Matthew

A mound close to the edge of Shepherds Creek is possibly associated with historic mining, in particular the diversion of the creek, and potential campsite remains were identified in the vicinity during a November 2022 survey. Recent drilling access tracks had been installed close to the site but had not impacted the feature or exposed any archaeology.

Condition Notes:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 03/11/2022 by Sole, Matthew

Overgrown, recent mining activity has come close to site but not impacted it directly.

Images for Site G41/785



Figure 1. Photographs showing mound alongside Shepherds Creek, November 2021.



Site Record Form

NZAA Site Number: G41/786

Site Coordinates (NZTM)

Imperial Site Number:

Easting:

Site Type: Historic - domestic

Northing:

Site Name(s):

Source: Shapefile



Scale: 1:2,500

Disclaimer: Polygon may not reflect the full extent of the site

Finding Aids to the Location of the Site:

In junction of Shepherds and Jean Creeks

Brief Description:

Possible mining campsite - remnants of fireplace

Condition of Site when last visited:

Fair

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Fireplace - stone lined

Associated Sites:

Description:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 19/08/2022 by Sole, Matthew

A potential campsite with remnant of fire was recorded in August 2022 close to the junction of Shepherds and Jean Creek. Vegetation and terrain made this site difficult to record in any detail and as such the extent should be treated with some caution; however, a small, terraced area is visible in LiDAR imagery of this location. This is close to the southeastern-most "old workings" shown in a 1907 geological plan and may therefore relate to the small-scale mining that took place in this valley during the nineteenth century.

Condition Notes:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 19/08/2022 by Sole, Matthew

Remnants of fireplace still visible, most other surface features lost.

Images for Site G41/786



Figure 1. Site G41/786 looking south, August 2022.



Figure 2. 1958 Aerial photograph (left) and LiDAR imagery (right) showing the location of the POI 845 circled red.

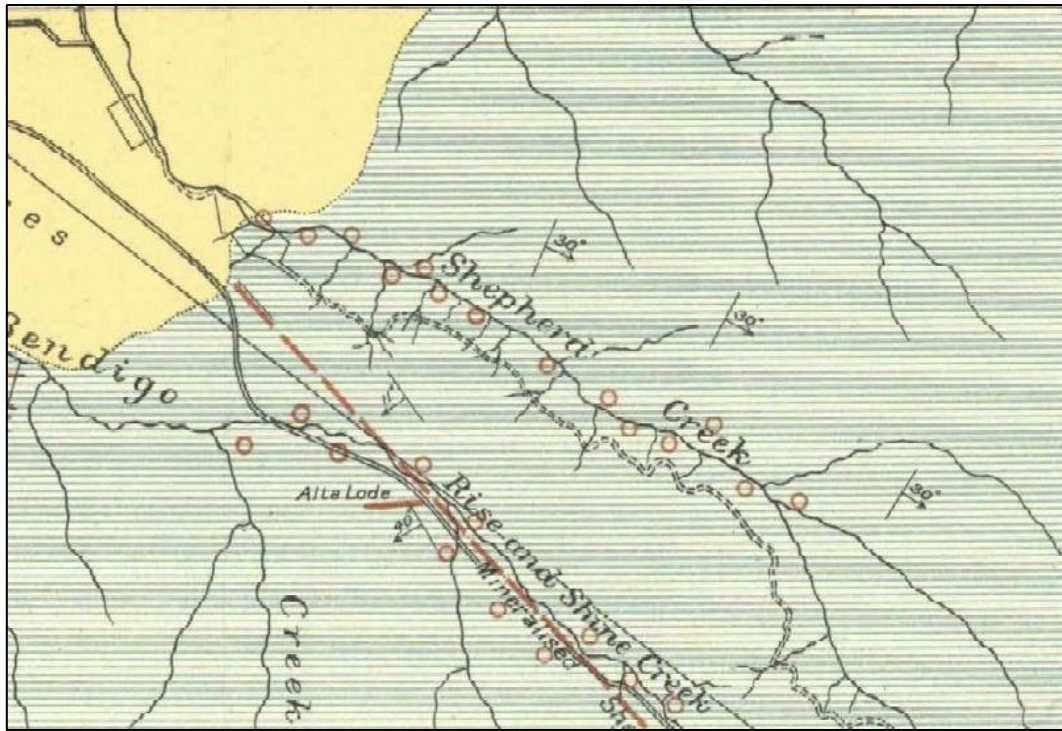


Figure 3. Detail of 1907 geological plan showing location of old workings (red circles) along Shepherds Creek (Crawford, 1907).

References

Crawford, R. J. (1907). *Geological Map of Wakefield Survey District (to accompany Bullentin No 5 Cromwell Subdivion, Western Otago Division.*



Site Record Form

NZAA Site Number: G41/787

Site Coordinates (NZTM)

Imperial Site Number:

Easting:

Site Type: Mining - gold

Northing:

Site Name(s):

Source: Shapefile



Scale: 1:2,500

Disclaimer: Polygon may not reflect the full extent of the site

Finding Aids to the Location of the Site:

13m south of Shepherds Creek

Brief Description:

Tailings beside stream

Condition of Site when last visited:

Fair

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Tailings, Mullock heap

Associated Sites:

Description:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 12/12/2018 by Lawrence, Megan; Scrivener, Phoebe; Weston, Jasmine; Lewis, Julia

A small area of possible tailings or mullock was identified 13m south of Shepherds Creek, within the area shown are worked during the nineteenth century in Figure 5 12, during the December 2018 survey. Overgrown vegetation made it difficult to discern the possible tailings, however, the area visible spanned 4 by 6m.

Condition Notes:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 12/12/2018 by Lawrence, Megan; Scrivener, Phoebe; Weston, Jasmine; Lewis, Julia

Overgrown, full extent not visible.

Images for Site G41/787



Figure 1. Photograph looking west at possible tailings, December 2018.

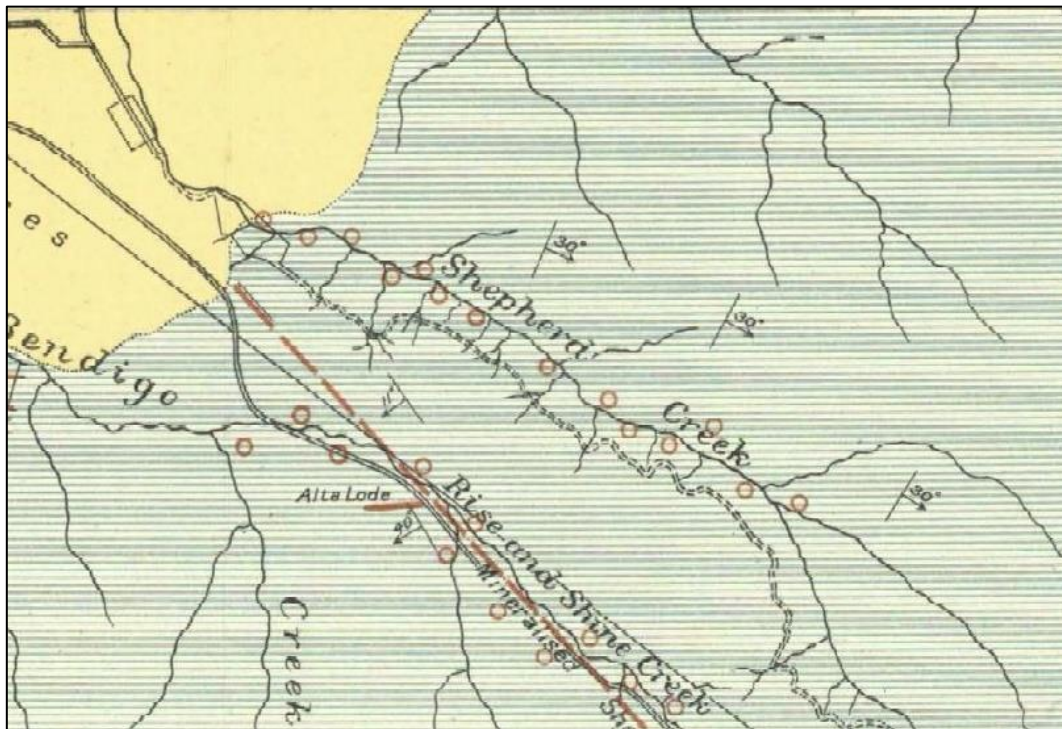


Figure 2. Detail of 1907 geological plan showing location of old workings (red circles) along Shepherds Creek (Crawford, 1907).

References

Crawford, R. J. (1907). *Geological Map of Wakefield Survey District (to accompany Bullentin No 5 Cromwell Subdivion, Western Otago Division.*



Site Record Form

NZAA Site Number: G41/788

Site Coordinates (NZTM)

Imperial Site Number:

Easting:

Site Type: Mining - gold

Northing:

Site Name(s):

Source: Shapefile



Scale: 1:2,500

Disclaimer: Polygon may not reflect the full extent of the site

Finding Aids to the Location of the Site:

Junction of Shepherds Creek and Jean Creek, south side.

Brief Description:

Mining tailings

Condition of Site when last visited:

Poor

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Tailings

Associated Sites:

Description:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 19/08/2022 by Sole, Matthew

An area of potential prospecting tailings was recorded at the base of Jean Creek in August 2022. These tailings are just discernible in historic aerials and LiDAR, but vegetation and terrain made it difficult to confirm the full extent on the ground. This is close to the southeastern-most "old workings" shown in the 1907 geological plan and may therefore relate to the small-scale mining that took place in this valley during the nineteenth century.

Condition Notes:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 19/08/2022 by Sole, Matthew

Difficult to identify on the ground, overgrown.

Images for Site G41/788

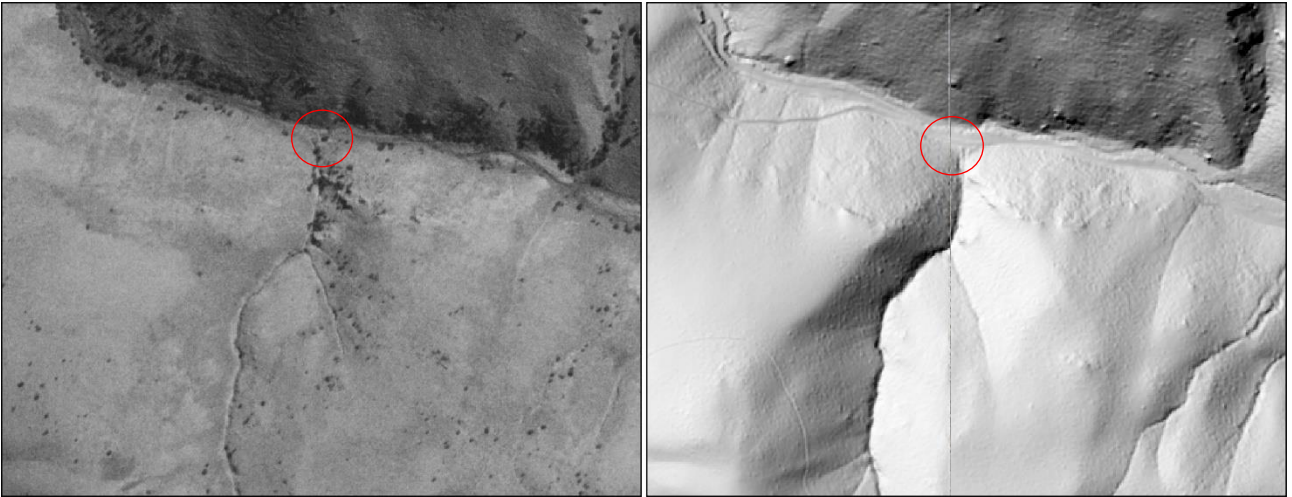


Figure 1. 1958 Aerial photograph (left) and LiDAR imagery (right) showing the location of site G41/788 circled red.

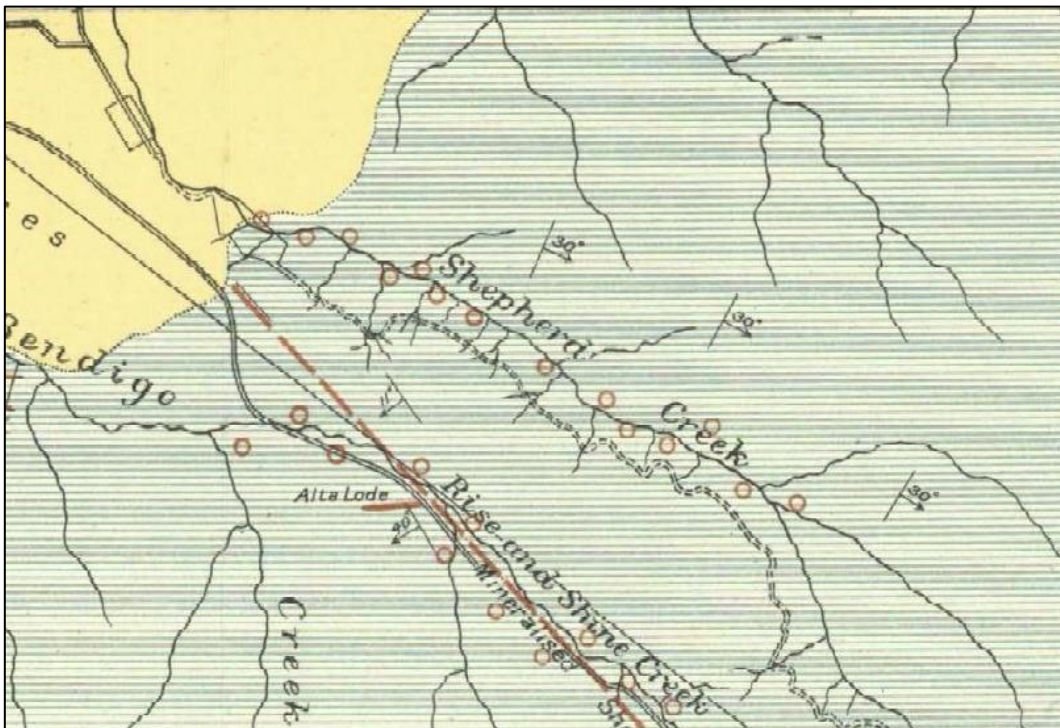


Figure 2. Detail of 1907 geological plan showing location of old workings (red circles) along Shepherds Creek (Crawford, 1907).

References

Crawford, R. J. (1907). *Geological Map of Wakefield Survey District (to accompany Bullentin No 5 Cromwell Subdivion, Western Otago Division.*



Site Record Form

NZAA Site Number: G41/789

Site Coordinates (NZTM)

Imperial Site Number:

Easting:

Site Type: Mining - gold

Northing:

Site Name(s):

Source: Shapefile



Scale: 1:3,000

Disclaimer: Polygon may not reflect the full extent of the site

Finding Aids to the Location of the Site:

West side of Jean Creek, approximately 600m south of junction with Shepherds Creek

Brief Description:

Sluicing faces beside stream

Condition of Site when last visited:

Poor

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Sluicings/ sluicing face

Associated Sites:

Description:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 19/08/2022 by Sole, Matthew

An area of potential sluicing was recorded along Jean Creek in August 2022. This site consisted of a sluiced channel on the hillside with displaced schist slabs. Dense matagouri and briar restricted the ability to define the site boundary on the ground, but potential sluice faces covering a wider area are visible in historic aerials and LiDAR.

Condition Notes:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 19/08/2022 by Sole, Matthew

Heavily overgrown, some erosion.

Images for Site G41/789



Figure 1. Looking east, August 2022.

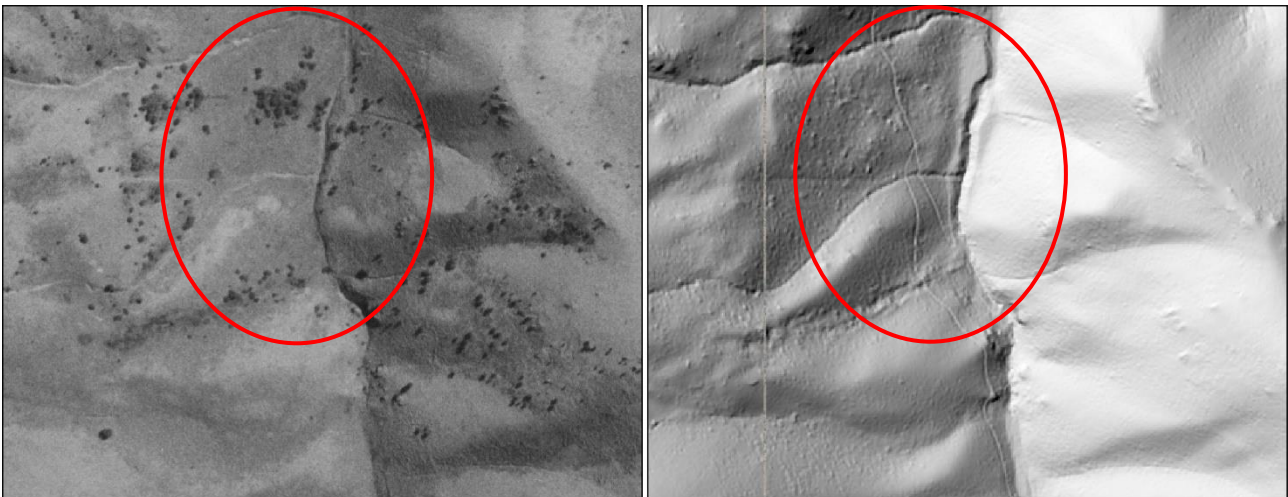


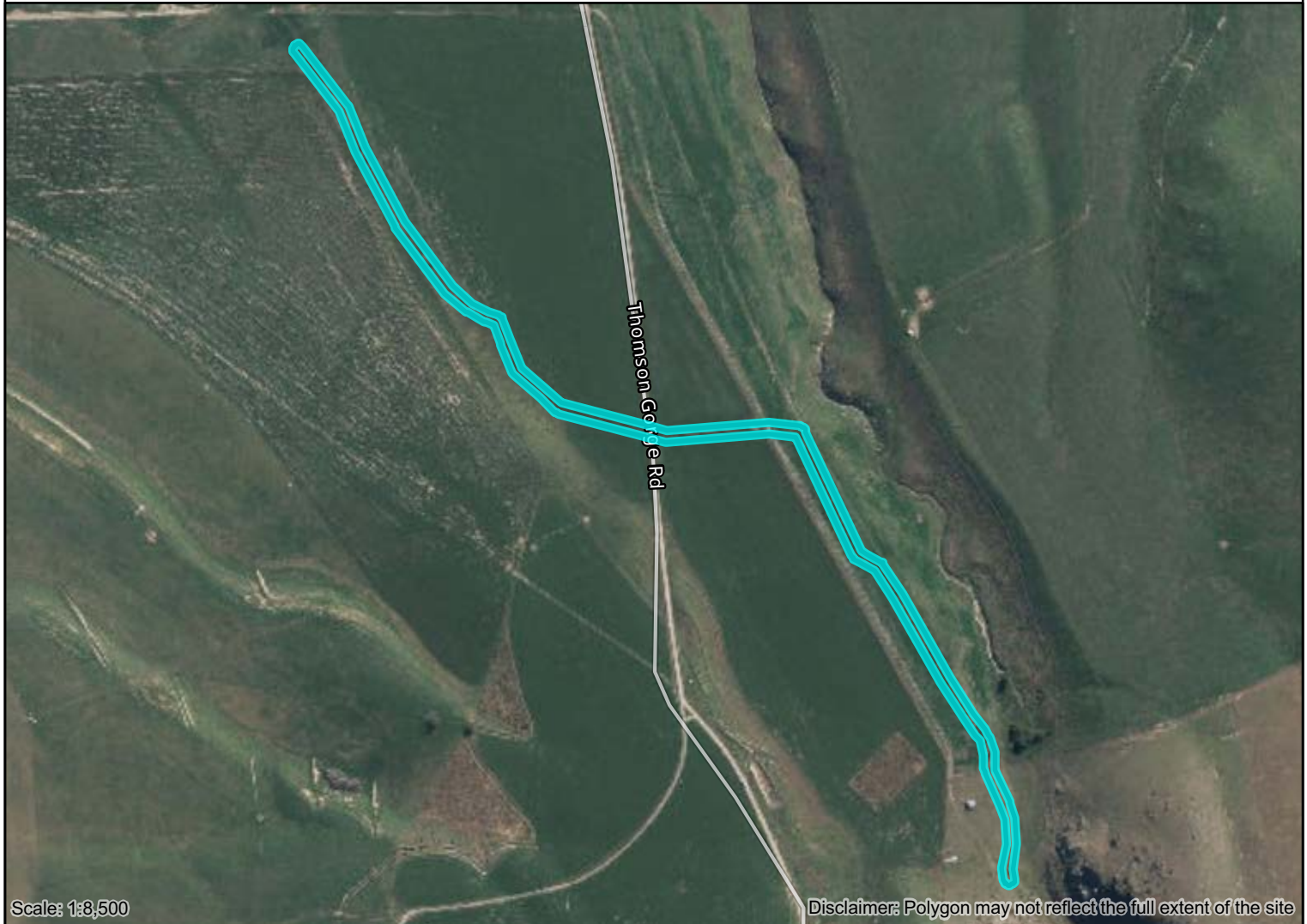
Figure 2. 1958 Aerial photograph (left) and LiDAR imagery (right) showing the location of G41/789 circled red. All other linear features were determined to be natural or stack tracks during the pedestrian survey.



Site Record Form

NZAA Site Number: G41/790
Imperial Site Number:
Site Type: Mining - gold
Site Name(s):

Site Coordinates (NZTM)
Easting:
Northing:
Source: Shapefile



Finding Aids to the Location of the Site:

Race runs southeast-northwest through paddock, passing just northeast of G41/4 (stone hut)

Brief Description:

Water race

Condition of Site when last visited:

Fair

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Water race

Associated Sites:

Description:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 04/12/2024 by Thorrold, Claire

This water race is located in the flat paddock area to the north of Shepherds Creek valley. The full length of the water race is approximately 650m, although a modern road seems to have cut the race in the project area. Disturbances to the race as a result of this road include the edge of the race being cut down, and the race being filled in. The race measures 1.4m wide and 800mm deep, with notable raised mounds on the side of the race.

Condition Notes:

Updated 26/02/2025 (Field Visit), submitted by: NZHP_NaomiWoods_ArchSite, visited 04/12/2024 by Thorrold, Claire

Some sections have been disturbed by modern road formation and others filled in, but race still clearly visible.

Images for Site G41/790



Figure 1. Looking west, December 2024.



Figure 2. Looking east, December 2024.



Site Record Form

NZAA Site Number: G41/792
 Imperial Site Number:
 Site Type: Mining - gold
 Site Name(s):

Site Coordinates (NZTM)
 Easting: 1315588
 Northing: 5019503
 Source: Shapefile



Finding Aids to the Location of the Site:

East bank of Shepherds Creek, across from G41/4 and G41/5 (hut and stone stockyards)

Brief Description:

Water race on slope above creek

Condition of Site when last visited:

Good

Site Periods:

Colonial 1840-1900

Ethnicity:

Non Maori

Site Features:

Water race

Associated Sites:

Description:

Updated 11/12/2025 by ArchSite.

Grid reference changed from (E0 / N0) to centroid of site polygon (E1315588 / N5019503).

Updated 29/10/2025 (Field Visit), submitted by: NZHP_HeathLieOlesen_ArchSite, visited 29/10/2025 by Naomi Woods

This water race is located on the slope on the east bank of Shepherds Creek. The full length of the water race, visible in LiDAR and aerial imagery, is approximately 1600m, although a modern farm track and fence line have cut the race in several places. Disturbances to the race as a result of this include the edge of the race being cut down, and the race being filled in. The race measures 1.5m wide, with notable raised mounds on the side of the race.

Condition Notes:

Updated 29/10/2025 (Field Visit), submitted by: NZHP_HeathLieOlesen_ArchSite, visited 29/10/2025 by Naomi Woods

The race has been modified in places, but the full extent is visible in LiDAR imagery.

Additional Information for Site G41/792 (October 2025)



Figure 1. Location and extent of water race (blue line).



Figure 2. Photograph of the water race looking south, September 2025.



Figure 3. Looking north along water race, September 2025.