



MEMO

Clough & Associates Ltd	
To:	Peter Hall
From:	Ellen Cameron, Clough & Associates
CC:	
Date:	24/04/2025
Re:	Brick Bay Archaeological Fast Track Memo for Referral
Comments:	Seven archaeological sites have been recorded in the development area and there is potential for additional unrecorded sites to be present. The pā site R09/169 will be excluded from the development area. An archaeological assessment should be prepared to determine the effects of the proposed development on archaeological values. It is considered likely that three archaeological sites (middens) may potentially be impacted. The effects on the three sites that may potentially be impacted will most likely be minor at most. An Authority will be required to modify or disturb any recorded or unrecorded archaeological sites. The information recorded through this process is an appropriate mitigation measure.

Introduction

Christine and Richard Didsbury are applying for a development, “the Brick Bay Lodge” which is located between Snells Beach and Brick Bay, Auckland to be referred to the Fast-Track Approvals Act 2024 (FTAA) approvals process. The location is shown in Figure 1.

Section 13 of the FTAA sets out the requirements for a referral application. These include “a description of the anticipated and known adverse effects of the project on the environment, particularly any potentially significant adverse effects; Identification of relevant standards and regulations that will be assessed in the development of the Substantive Application and whether the potential effects of the are likely to be adequately managed under management plans and conditions of consent”.

Christine and Richard Didsbury will require resource consents and based on the presence of recorded archaeological sites within the proposed development area, an archaeological authority for the proposed development along with approval of a person to undertake an archaeological activity will also likely be required. This Memorandum provides advice regarding any heritage constraints relating to the proposed development of the “Brick Bay Lodge” Auckland, to support the application for referral.



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Methodology

Although this Memorandum is provided to support the referral application, it is noted that Schedule 5 Approvals relating to Resource Management Act 1991 and Schedule 8 (Approvals relating to Heritage New Zealand Pouhere Taonga Act 2014 (HNZPT Act)) will be relevant to the archaeological requirements for the project's substantive application, if the project is referred to the Fast-Track. The information requirements for a substantive application for an authority under the Act are the same as in the HNZPT Act (assessment of archaeological effects, Māori and other relevant values, statement on Māori consultation, effects on identified values, and other details (clause 2)). As well, the archaeologist approved to undertake archaeological investigation must meet the same criteria as under the HNZPT Act (clause 7).

The New Zealand Archaeological Association's (NZAA) site record database (ArchSite), Auckland Council's Tūtangi Ora database (TO), Auckland Unitary Plan Operative in Part (AUP (OP)) schedules and the Heritage New Zealand Pouhere Taonga (Heritage NZ) New Zealand Heritage List/Rārangi Kōrero were searched to determine whether any archaeological sites had been recorded on or in the immediate vicinity of the proposed development area.

Historical Background

Māori Settlement

The Mahurangi area has long been valued for its shark fishing grounds, control of which was the cause of much intertribal conflict. Shark meat was dried and kept as a winter food supply, while shark liver oil was mixed with pigments to produce paint. The inland forests provided bird and plant resources and were easily accessed via the Puhoi and Mahurangi Rivers. Canoe travel along the coast and rivers and overland routes to the Kaipara Harbour provided good communication with other areas. (ARC 2005). The focus of settlement and agriculture was on the coastal areas of the peninsula, particularly to the south and along the south-western coast.

Snells Beach and Algies Bay on the eastern coast of the Mahurangi Peninsula clearly played defensive roles, looking out over Kawau Bay and the Hauraki Gulf. Pā were constructed on the headlands at the ends of the bays, with midden sites recorded within the bays.

Early European Settlement

The first European land purchase recorded in the area was a transaction completed c.1838 between an American, William Webster, and the Hauraki iwi for 4,046 hectares between Point Rodney and Tawharanui for a price of £490, without the knowledge of Ngāti Raupō, its former occupants (Murdoch 1991:7). Subsequently, in 1841, the Crown negotiated the 'Omaha and Mahurangi Purchase', an extensive tract of land that included the entire coastline between Pākiri and Takapuna. However, as the purchase was carried out between the Crown and tribes of the Hauraki without consulting Ngāti Raupō, Ngāti Rongo and Ngāti Manuhiri, occupiers of the coastline immediately to the north, the transaction was not completed for a further 13 years (Murdoch 1991:7). Te Hemara Tauhia and his people continued to occupy their lands in the meantime.

After the Ōmaha and Mahurangi Purchase was finalised in 1853 European settlement of the Mahurangi area proceeded rapidly. The earliest European settlement in the Mahurangi (and in the Auckland region) dates to 1832, when a spar station was established by Gordon Browne for Captain



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Ranulph Dacre on the Pukapuka Peninsula on the western side of the Mahurangi River. Browne had obtained cutting rights from Hauraki Māori and employed many Māori labourers. The venture ended in 1834 when Captain Sadler arrived on HMS Buffalo, having obtained permission from the Ngāpuhi chief Titore to take spars for the navy, and took over the supply of trees and the work force. Logging continued around the harbour and in 1844 the first sawmill was established at Warkworth by John Brown. After the foreshore area had been cleared, logging extended inland, continuing until the late 1930s, by which time all the kauri had been logged. (ARC 2005; DNB 1990; Locker 2001).

Other early industries included shipbuilding, which flourished from c.1849 until 1880. At least 75 vessels were built in the Mahurangi area in this 30-year period. Lime kilns producing quicklime for mortar were established on the Mahurangi River by 1850, and the Wilson's cement works was established at Warkworth in 1872, producing the first Portland cement in the country by 1885. Farms progressively replaced kauri forest. (ARC 2005). At Brick Bay, the Manners Brickworks was established by George Manners in 1864 (see Grant 2017). The remnants of the brickworks are located outside the proposed development property.

Settlement at Snells Beach and Brick Bay

In 1854, James Snell, a Cornish mine manager took advantage of the Crown auction of land at Mahurangi and purchased a 105-acre lot (Allotment 19) of land towards the centre of what is now known as Snells Beach. James, his wife Mary and their children lived at the Snells Beach farm from 1855 until James' death in 1889 (Mabbett 1977).

The 165-acre lot (Allotment 22) towards the northern end of the beach which most of the current project property was part of was purchased by Thomas Johnson (Figure 2 and Figure 3). Johnson was an absentee owner of the property and 'hired local labour to cut firewood from his bush covered land' to send to the Auckland market via the sea. When Johnson died in 1882, the farm passed into the ownership of his wife Lydia Ann Johnson who retained ownership until 1889 (Mace 2016).

In 1889 the property was purchased by Hector Scandrett who retained ownership and farmed the land until 1907 when the property was sold to William Henry Lawrie. William then sold the property to his elder brother James Falconer Lawrie in 1911. James continued to farm the property and raised a family of five children on the farm. After the war, the area continued to be farmed before being broken up and subdivided.

Archaeological and other Historic Heritage Sites

As mentioned previously, Kawau Bay, the Mahurangi Harbour and Matakana River were shark breeding grounds and traditional fishing areas visited by many whānau/hapū during the summer months. Many temporary encampments were established around the bays and inlets taking advantage of these rich fishing grounds – with the concentration of midden sites around the coastal margins. Produce was gathered and processed in volume, preserving supplies for the winter. Occasionally, small gardens were planted in advance of the fishing season (Farley and Clough 2008).

There are five archaeological sites recorded within the proposed development area which were recorded in 1975 as part of a survey of the east coast of the Mahurangi Peninsula (Walton 1976). The site record forms (SRFs) of these sites are included in Appendix A of this memo for reference



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and the locations along with the other recorded sites in the vicinity that are described below are shown in Figure 4.

R09/169 is recorded as a headland pā and described as consisting of two flattish terraces areas with at least two pits along the southern part and a partially infilled ditch at the western end. There are also possibly additional features in bush covered areas along the southern and eastern edges and the site record form (SRF) notes that there is midden visible on the cliff edge to the north with a mixture of whole and broken cockle and pipi in topsoil.

R09/167 and **R09/168** are both located along the northern boundary of the proposed development area near the stream that runs along the boundary. **R09/167** is described as a patch of fragmented shell scatter in topsoil containing mostly fragmented cockle and pipi and most likely disturbed. **R09/168** is described as two shell deposits, one in a section cut by the stream in loose sandy soil with cockle and pipi under 20cm of topsoil and appearing intact and a second shell scatter in topsoil on the side of a spur overlooking the stream that showed evidence of previous disturbance. The sites have not been revisited since they were recorded in 1975 and their present condition and status is currently unknown. **R09/170** was recorded as a midden exposed in section on a spur at the northern end of Snells Beach in 1975. It is situated along the southern boundary of the proposed development area but has not been re-visited since its recording and its current condition and status is not known.

The sixth site **R09/1124** is described as midden eroding out of the end of a spur at the north-east corner of the proposed development area, recorded in 2007. It is described as being located behind a Pohutukawa tree to the back of the beach on the edge of the coastal escarpment comprising a small pocket of disturbed slumped midden slumping exposed under tree roots, that has likely slipped down from further up the slope.

There are two additional sites recorded within the overall property boundary but not in proximity to the proposed development area. These are: **R09/166**, a midden also recorded in 1975 which lies to the west of the proposed development area. It is described as a tightly packed layer of largely broken shell, mainly cockle over 10cm thick and under c. 10cm of top soil. It has not been revisited since the time of recording, and its current status is unknown. **R09/597** is located further to the west of **R09/166**. It is recorded as a midden; however, the site record form (SRF) does not provide any additional information, apart from the fact that it is also recorded as **R09/546**.

Finally, there are two sites bordering the proposed development boundary. **R09/171** is recorded as a shell midden located at the northern end of Snells Beach in a bank under a cliff. It is described as a c. 9cm layer of thickly packed shell mainly cockle with a very thin top soil cover. It is located to the south of the pā site, **R09/169**.

Finally, there is one recorded archaeological site just to the north of the proposed development area, **R09/2275** which is located in the adjacent property. It is recorded as an industrial site “Manners Brickworks” dating from the 1850s. The SRF notes that the actual location of the brickworks is not known and that no surface remains exist, although the presence of subsurface remains is considered possible.

There is one historic heritage site scheduled in Schedule 14.1 Historic Heritage Schedule in the AUP (OP) in the proposed development area. This is archaeological site **R09/169** which is the pā site described above. Although the site is located within the proposed development area, it will be



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excluded from the proposed works and left undisturbed. The extent of place of the site is shown in Figure 5.

There are no places included in the Heritage New Zealand List/ Rārangī Kōrero within or in the vicinity of the proposed development property.

The archaeological sites within the property boundaries of the proposed development are associated with Māori occupation and settlement. The proposed development area is mostly situated on elevated land between 30 and 50m ASL bounded by steep cliffs and banks on the seaward side. The exception is the very northeast corner of the proposed development area which is located at the base of slopes adjacent to the beach. There are also streams located to both the north and south of the proposed development area with a branch of the southern stream extending into the subject property just to the west of the currently proposed development area (Figure 6). The topography and streams would have made the proposed development property an attractive location for Māori settlement and occupation as a defensible location with good access to marine and forest resources. It should also be noted that other so far unidentified subsurface sites associated with Māori occupation and settlement are also likely to be present.

The site associated with the 19th century brickworks to the north of the proposed development area, also indicates the presence of early European settlement in the general area, although no evidence of 19th century use of the property containing the proposed development apart from timber felling and general agricultural usage has been identified.

Assessment of Effects

The detailed design is not currently available, and the earthworks required are not yet known. This information will be provided as part of the substantive application. However, based on the information available to date it is possible to provide a summary of the likely effects.

As noted in the previous section, the pā site (R09/169) will be excluded from the proposed development and no works will be proposed in the area containing the site. As well, site R09/171 which is in proximity to site R09/169 is also located in an area where no development works will take place.

The three sites along the northern boundary of the property (R09/167, R09/168 and R09/1124) are located within the general development area and they may be potentially impacted by the proposed works. However, it is noted that these sites were recorded as small patches of midden and they may be able to be avoided. If avoidance is not possible, the effects on these three sites will most likely be minor at most. It is also noted that site R09/170 is believed to be located in the southern part of the proposed development area, however, the site was recorded in the 1970s and has not been revisited since that time. As such, its location will have to be confirmed through field survey to determine if it will be affected by the proposed development.

It should be noted that the specific level of effects on individual sites at this stage is a matter of opinion and will require an archaeological assessment once details of the proposal are further developed. It is further noted that the presence of currently unrecorded subsurface archaeological remains associated with Māori occupation and settlement, such as shell midden are also considered likely to be present in the proposed development area, and may be encountered during the development works.



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If avoidance of an archaeological site, excluding the pā which will not be affected, is not possible, it is considered likely that the effects on sites can be appropriately mitigated through archaeological investigation and recording of the sites under an Authority under the HNZPT Act.

Findings and Statutory Requirements

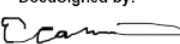
The background research and archaeological records confirm that nine recorded archaeological sites are present within and in the vicinity of the proposed “Brick Bay Lodge” development. The pā site (R09/169) has been excluded from the development and no works will be undertaken within the extent of place of the site. It is also noted that further desk-based research (including a review of Lidar information and historic aerial photographs) along with a field survey will be required to identify archaeological features and deposits to determine the estimated extent of site R09/169 where development works should be excluded (note- this may exceed the boundary of the existing extent of place and would also require the input of mana whenua).

All of the sites recorded in the proposed development area relate to Māori occupation and settlement and therefore have cultural values in addition to the archaeological values. Such values are for mana whenua to determine. An ongoing relationship and consultation have been maintained with Ngāti Manuhiri and the developer and will continue throughout the duration of the project.

An archaeological assessment, including a field survey will be required to determine the effects of the proposed development on archaeological values as part of the substantive application. Eight of the nine recorded archaeological sites are associated with Māori settlement and occupation and tangata whenua have been engaged to determine the cultural values of the development site. As well, since archaeological survey cannot always detect sites of traditional significance to Māori, such as wāhi tapu, the tangata whenua should also be consulted regarding the possible existence of such sites within the proposed development area.

Based on current information, it is considered that any impacts to archaeological sites that cannot be avoided, apart from the pā site which will be excluded from the development, should be appropriately managed through archaeological investigation under an Authority issued by Heritage NZ to provide information on the history of the local area.

Yours sincerely

DocuSigned by:

938063991469410.....

Ellen Cameron

Co- Director



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References

ARC 2005. Auckland Regional Council, Historic Mahurangi, booklet/poster.

Auckland Council Tūtangi Ora database.

DNB. 1990. The Dictionary of New Zealand Biography. Volume I. 1769-1869. Allen & Unwin and Department of Internal Affairs, Wellington.

Farley, G. and R. Clough. 2008. Algies Bay Subdivision, Mahurangi, Rodney District: Archaeological Investigation of Site R09/152. Clough & Associates report prepared in fulfilment of NZHPT Authority No. 2007/36 for Albro Holdings Ltd.

Grant, D. R. 2017. We Gathered Here: A History of Matakana. Snells Beach, North Island, New Zealand: David R. Grant.

Heritage NZ. 2019. Writing Archaeological Assessments. Archaeological Guidelines Series No. 2. New Zealand Historic Places Trust Pouhere Taonga (now Heritage NZ).

Locker, R.H. 2001. Jade River. A History of the Mahurangi. Friends of the Mahurangi, Warkworth.

Mabbett, H. 1977. The Rock and the Sky: The story of Rodney County. Wilson and Horton, Auckland.

Murdoch, G.J. 1991. A History of the Human Occupation of Tawharanui Regional Park. Auckland Regional Council Planning Department.

New Zealand Archaeological Association ArchSite Database, accessed at <http://www.archsite.org.nz>.

New Zealand Heritage List, accessed at <http://www.historic.org.nz>.

Walton, A. 1976. Site Recording on the east coast of the Mahurangi Peninsula between Snells Beach and Martins Bay. NZ Historic Places Trust, Archaeological Site Surveys 1975-76.



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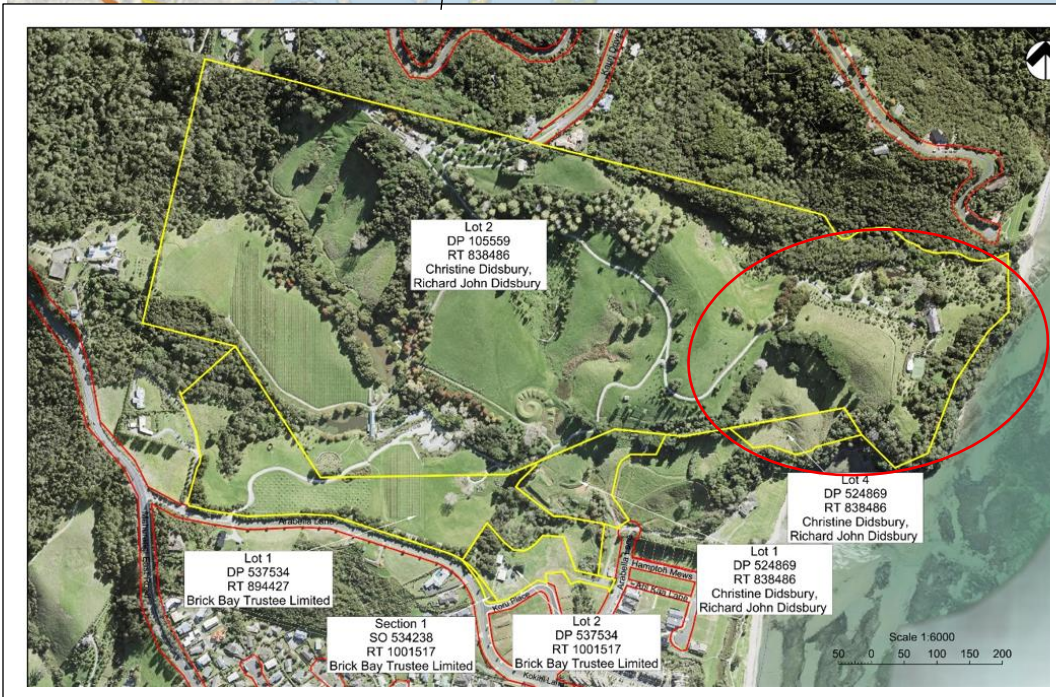
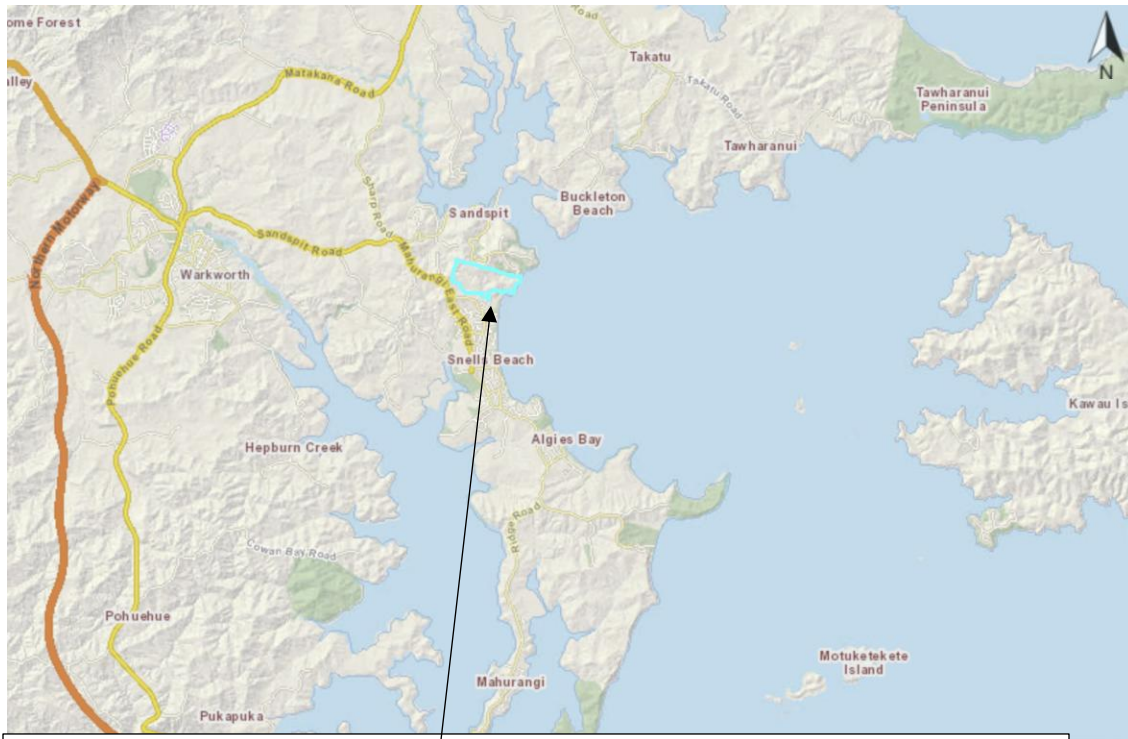


Figure 1. Upper map showing the proposed development area in the Auckland region and lower aerial plan showing the overall properties with approximate area of the proposed development circled in red (source: Buckton Surveyors)



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Figure 2. Detail of Roll 75 (c. 1850s) showing property as owned by Thomas Johnson (Lot 22) indicated by arrow (source: Quickmap)

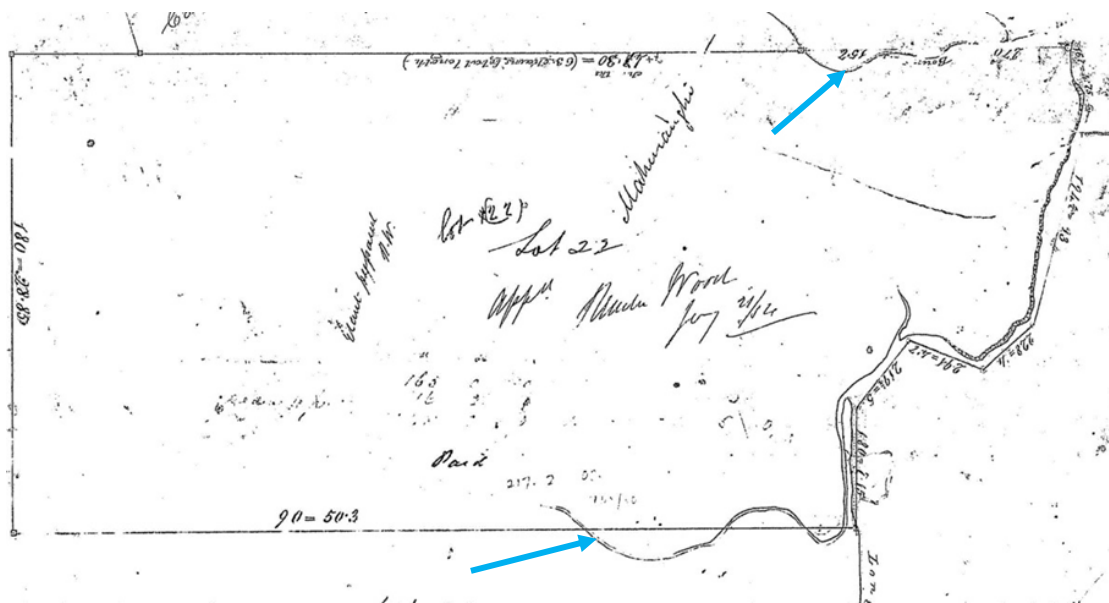


Figure 3. Detail of SO 1120 (c. 1854) surveyed for Thomas Johnson showing the property boundaries of Lot 22 with streams shown along the northern and southern boundaries indicated by blue arrows (source: Quickmap)



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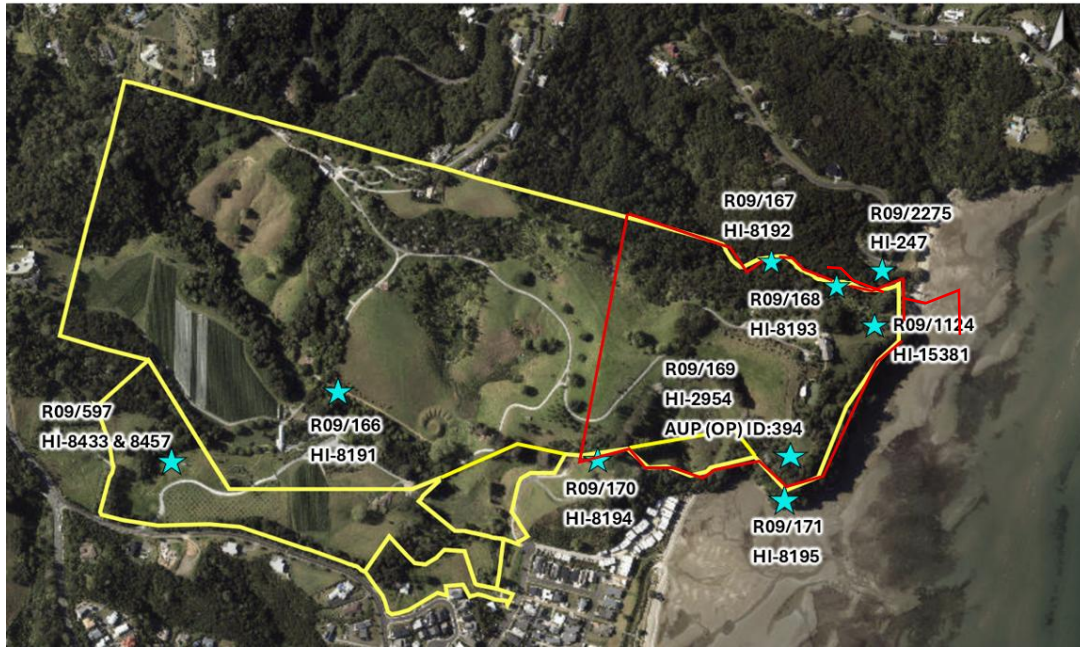


Figure 4. Aerial Plan showing the recorded archaeological sites within and bordering the overall Brick Bay properties (yellow outlines) with the general location of the proposed development area outlined in red (source: Auckland Council GeoMaps)



Figure 5. Aerial plan showing the scheduled site (Pā) (AUP (OP) ID: 0394) outlined in turquoise with references provided for Archsite (R09/169) and Auckland Council Tūtangi Ora database (HI-2954) (source: GeoMaps)



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Figure 6. Aerial plan with contours showing the topography of the proposed development area which is outlined in yellow and with streams to the north and south indicated by white arrows (source: Auckland Council GeoMaps)

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Appendix A: Site Record Forms

NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED



ARCHSITE
archaeological site
recording scheme

Site Record Form

NZAA Site Number: R09/167

Site Coordinates (NZTM)

Imperial Site Number: N34/187

Easting: 1755309

Site Type: Midden/Oven

Northing: 5969843

Site Name(s):

Source: CINZAS

Finding Aids to the Location of the Site:

Brief Description:

MIDDEN

Condition of Site when last visited:

No Recent Info



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

Site Periods:**Ethnicity:**

Maori

Site Features:

Midden

Associated Sites:**Description:**

Updated 11/12/2025 by ArchSite.

Grid reference changed from (E1755260 / N5969792) to centroid of site polygon (E1755309 / N5969843).

Condition Notes:



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION SITE RECORD FORM		SITE NUMBER
Map number	N34	N341187
Map name	WARKWORTH	SITE NAME: MAORI OTHER
Map edition	3rd	SITE TYPE Midden
Grid Reference	246146	
1. Aids to relocation of site <i>E224600 N714600</i> See Locality Plan filed with N34/183 Between a tributary and the main channel behind point where they join.		
2. State of site; possibility of damage or destruction Probably disturbed, at present under trees.		
3. Description of site (NOTE: This section is to be completed ONLY if no separate Site Description Form is to be prepared.) Shell scatter in topsoil. Mostly cockle, pipi in broken condition. Covers area of some 2 sq metres.		
4. Owner	Mr d. Morrison	Tenant/Manager
Address	Snells Beach R.D.2 Warkworth	Address
Attitude		Attitude
5. Methods and equipment used One person recording Photographs taken: Y&No (Describe on Photograph Record Form) Date recorded December 1975		
6. Aerial photograph or mosaic No.	4631/15	Site shows: Clearly/not at all
7. Reported by	A. Walton	Filekeeper
Address	11 Jordan Ave Onehunga	AILEEN FOX AUCKLAND MUSEUM 1976
Date	December 1975	Date



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

Site Record Form



NZAA Site Number: R09/168
Imperial Site Number: N34/188
Site Type: Midden/Oven
Site Name(s):

Site Coordinates (NZTM)
Easting: 1755409
Northing: 5969843
Source: CINZAS



Finding Aids to the Location of the Site:

Brief Description:

MIDDEN

Condition of Site when last visited:

No Recent Info



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

Site Periods:**Ethnicity:**

Maori

Site Features:

Midden

Associated Sites:**Description:**

Updated 11/12/2025 by ArchSite.

Grid reference changed from (E1755360 / N5969793) to centroid of site polygon (E1755409 / N5969843).

Condition Notes:



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION		SITE RECORD FORM	
Map number	N34	SITE NUMBER	N 34 1 158
Map name	WARKWORTH	SITE NAME: MAORI	
Map edition	3rd	SITE NAME: OTHER	
Grid Reference	248146	SITE TYPE	Midden
1. Aids to relocation of site E224800 N714600 See Locality plan filed with N34/153 Two separate deposits of midden are filed under this one site number.			
2. State of site; possibility of damage or destruction (i) Probably largely intact (ii) Probably largely disturbed			
3. Description of site (NOTE: This section is to be completed ONLY if no separate Site Description Form is to be prepared.) (i) Next to stream at southern end of beach (unnamed?), to north of Snells beach. In section cut by stream 20cm topsoil, 10cm midden rather loose with sandy soil matrix. Mostly cockle and pipi. (ii) On side of spur overlooking stream and beach. Shell scatter thru topsoil. Mostly broken cockle and pipi. Karaka on spur in close proximity.			
4. Owner Address	Mr D. Morrison Snells Beach R.D. 2 Warkworth	Tenant/Manager Address	
Attitude		Attitude	
5. Methods and equipment used One person recording Photographs taken: Yes/No (Describe on Photograph Record Form) Date recorded December 1975			
6. Aerial photograph or mosaic No.	4631/15	Site shows:	Clearly/badly/not at all XXXXXXXXXX
7. Reported by Address	A. Walton 11 Jordan Ave Onehunga	Filekeeper	AILEEN FOX AUCKLAND MUSEUM 1976
Date	December 1975	Date	



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

Site Record Form		
	NZAA Site Number: R09/169	Site Coordinates (NZTM)
	Imperial Site Number: N34/189	Easting: 1755321
	Site Type: Pa	Northing: 5969561
	Site Name(s): 8/4/2025	Source: Shapefile
		
Finding Aids to the Location of the Site: Access possible via Brick Bay property.		
Brief Description: Pa on coastal ridge end, defensive ditch, terraces, pits, shell midden		
Condition of Site when last visited: Excellent		



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

Site Periods:

Indigenous pre-1769

Ethnicity:

Maori

Site Features:

Ditch, Pit, Terrace, Midden

Associated Sites:**Description:**

Updated 11/12/2025 by ArchSite.

Grid reference changed from (E1755330 / N5969575) to centroid of site polygon (E1755321 / N5969561).

Updated 23/05/2025 (Field Visit), submitted by: CLOU_SimonBickler_ArchSite, visited 08/04/2025 by Simon H. Bickler/Rod Clough

Pa site as previously recorded. Clear ditch at the NW corner with an infilled path across. Various depressions and other features visible within the headland. Possible features in bush covered areas along the southern and eastern edge. Northern edge appears to have been modified to create a scarp. Site location has been modified to reflect actual position. Area marked using LiDAR data assistance.

Condition Notes:

Updated 23/05/2025 (Field Visit), submitted by: CLOU_SimonBickler_ArchSite, visited 08/04/2025 by Simon H. Bickler/Rod Clough

Site is well looked after on private land.



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

Description:

View looking southeast across the top of the pa site with ditch in the foreground. 8th April 2025, Simon Bickler



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION SITE DESCRIPTION FORM

Map Number N34
Map Name WARKWORTH
Map Edition 3rd
Grid Reference 247142

SITE NUMBER N34 1189

SITE NAME: MAORI
OTHER

SITE TYPE PA

(This form may be used for recording any descriptive information or other supplementary information on the site, or for maps and drawings.)

SKETCH MAP

ON SECOND THOUGHTS THE DITCH IS PROBABLY NOT FILLED AT ALL
BUT REMAINS UNEXCAVATED

NOT TO SCALE



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION SITE DESCRIPTION FORM		SITE NUMBER
Map Number	N34	N34 1189
Map Name	WARKWORTH	SITE NAME: MAORI OTHER
Map Edition	3rd	SITE TYPE PA
Grid Reference	247142	

(This form may be used for recording any descriptive information or other supplementary information on the site, or for maps and drawings.)

Natural Defences: steep slopes, cliffs on north and east.

Artificial Defences: single transverse ditch 34.5 metres long,
5.5 metres wide, approx 3.5 metres deep.

Platform: approx 27 x 35 metres

Terraces: number of terraces flank platform on north and east.

Pits: two approx 7 x 3 metres on terrace.

Minor features obscured by very long grass.

Karaka close to site.

MIDDEN: on cliff edge a short distance to north of pa site.

Disturbed; subject to mass movement, etc.

Cockle, pipi in topsoil. Mixture of whole and broken shells.



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

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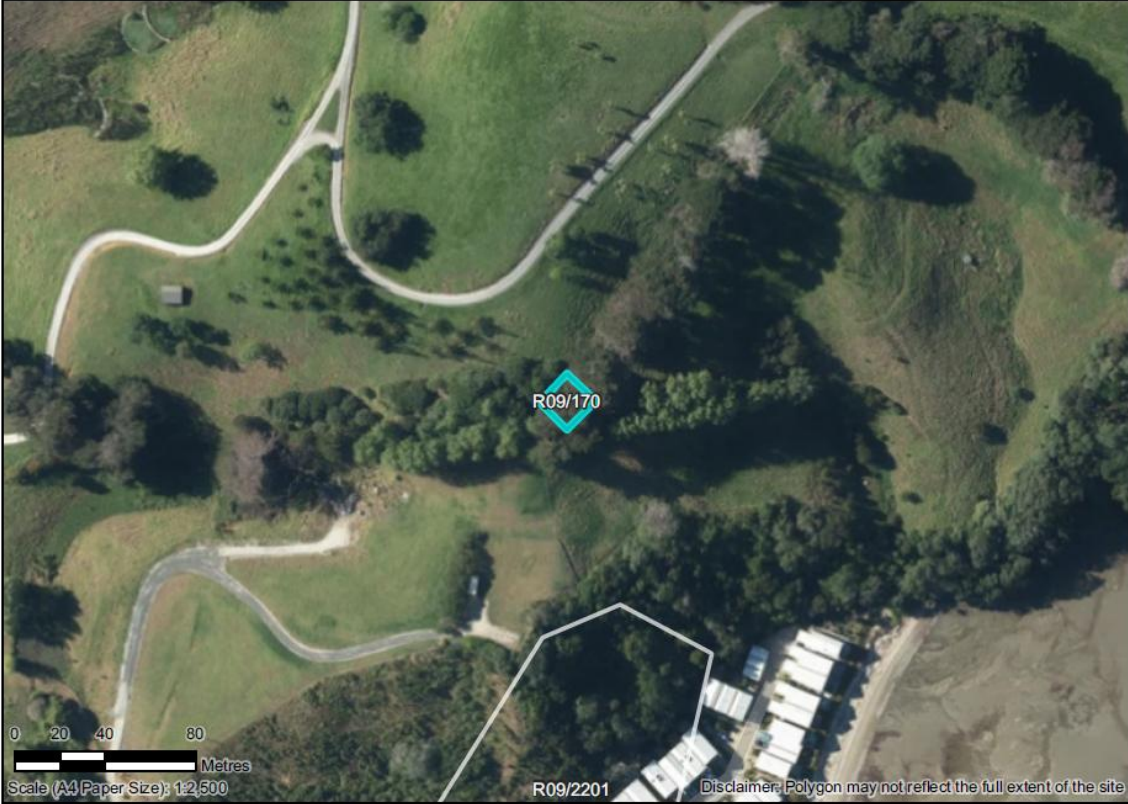
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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION		SITE RECORD FORM	
Map number	N34	SITE NUMBER	N34 189
Map name	WARKWORTH	SITE NAME:	MAORI OTHER
Map edition	3rd	SITE TYPE	PA
Grid Reference	247142		
1. Aids to relocation of site E224700 N714200 See locality plan filed with N34/183			
2. State of site; possibility of damage or destruction Good; largely in grass; ditch partially filled.			
3. Description of site (NOTE: This section is to be completed ONLY if no separate Site Description Form is to be prepared.)			
4. Owner Mr D. Morrison, Tenant/Manager Address Snells Beach R.D. 2, Address WARKWORTH			
Attitude		Attitude	
5. Methods and equipment used One person pacing Photographs taken: Yes/No (Describe on Photograph Record Form) Date recorded December 1975			
6. Aerial photograph or mosaic No. 4631/15		Site shows: Clearly/badly/not at all	
7. Reported by A. Walton, Filekeeper Address 11 Jordan Ave, Onehunga.		AILEEN FOX AUCKLAND MUSEUM 1976	
Date December 1975		Date	



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

Site Record Form		
	NZAA Site Number:	R09/170
	Imperial Site Number:	N34/190
	Site Type:	Midden/Oven
	Site Name(s):	
Site Coordinates (NZTM)		
Easting:		1755046
Northing:		5969574
Source:		On Screen
		
Finding Aids to the Location of the Site: On spur at northern end of Snells beach. See locality plan filed with R09/164		
Brief Description: Shell midden		
Condition of Site when last visited: No Recent Info		



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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION INCORPORATED

Site Periods:

Indigenous pre-1769

Ethnicity:

Maori

Site Features:

Midden

Associated Sites:**Description:**

Updated 08/06/2018 (other), submitted by charlottejudge
Grid reference (E1755046 / N5969574)

This site was originally recorded in 1975 as a shell midden deposit exposed in section on a spur at the northern end of Snells Beach (former site number N34/190). The site record has not been updated since original recording. Although the site is recorded at the southern end of the subject property within the Auckland Council CHI and within the NZAA site record, the original survey plan of archaeological sites submitted with the record for R09/164 shows site R09/170 as being located at the far northern end of the property, outside of the proposed development area. The site location has therefore been amended to reflect the original recorded location as per the plan.

Condition Notes:



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AA AK AC BD AA GI

NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION		SITE RECORD FORM	
Map number	N34	SITE NUMBER	N34/190
Map name	WARKWORTH	SITE NAME:	MAORI OTHER
Map edition	3rd	SITE TYPE	Midden
Grid Reference	244142		
1. Aids to relocation of site <i>E224400 N714200</i> See Locality Plan filed with N34/183			
2. State of site; possibility of damage or destruction Damaged by formation of farm road.			
3. Description of site (NOTE: This section is to be completed ONLY if no separate Site Description Form is to be prepared.) On spur at northern end of Snells Beach. Midden exposed in section over 12 metre front. Layer varies in thickness between 6-16cm. Packed, unbroken shell; mostly cockle, with pipi, some scallop, also some stone. Topsoil cover c10cm.			
4. Owner Address Mr D. Morrison Snells Beach R.D. 2 Warkworth		Tenant/Manager Address Attitude	
5. Methods and equipment used One person recording Photographs taken: Yes /No (Describe on Photograph Record Form) Date recorded December 1975			
6. Aerial photograph or mosaic No. 4631/15		Site shows: Clearly/Not clearly/not at all	
7. Reported by Address A. Walton 11 Jordan Ave Onehunga Date DECEMBER 1975		Filekeeper AILEEN FOX AUCKLAND MUSEUM 1976 Date	



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Site Record Form		
 ARCHSITE archaeological site recording scheme	NZAA Site Number:	R09/171
	Imperial Site Number:	N34/191
	Site Type:	Midden/Oven
	Site Name(s):	
	Site Coordinates (NZTM)	
	Easting:	1755310
	Northing:	5969443
	Source:	CINZAS



0 20 40 80
Metres
Scale (A4 Paper Size): 1:2,500
Disclaimer: Polygon may not reflect the full extent of the site

Finding Aids to the Location of the Site:

Brief Description:
MIDDEN

Condition of Site when last visited:
No Recent Info



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Site Periods:**Ethnicity:**

Maori

Site Features:

Midden

Associated Sites:**Description:**

Updated 11/12/2025 by ArchSite.

Grid reference changed from (E1755260 / N5969393) to centroid of site polygon (E1755310 / N5969443).

Condition Notes:



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37

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NEW ZEALAND ARCHAEOLOGICAL ASSOCIATION		SITE NUMBER N34 / 191	
SITE RECORD FORM		SITE NAME: MAORI OTHER	
Map number	N34	SITE TYPE Midden	
Map name	WARKWORTH		
Map edition	3rd		
Grid Reference	246141		
1. Aids to relocation of site E224600 N714100 See Locality Plan Filed with N34/183 Northern end of Snells Beach; under cliffs, immediately next to beach.			
2. State of site; possibility of damage or destruction Good.			
3. Description of site (NOTE: This section is to be completed ONLY if no separate Site Description Form is to be prepared.) Exposed in section at back of beach. 90mm layer of relatively packed shell, largely cockle. Very thin topsoil cover few cm at most.			
4. Owner Mr D. Morrison Address Snells Beach R.D.2 Warkworth		Tenant/Manager Address	
Attitude		Attitude	
5. Methods and equipment used One person recording Photographs taken: Yes/No (Describe on Photograph Record Form) Date recorded december 1975			
6. Aerial photograph or mosaic No. 4631/15		Site shows: Clean/Dirty/not at all	
7. Reported by A. Walton Address 11 Jordan Ave Onehunga		Filekeeper AILEEN FOX AUCKLAND MUSEUM 1976	
Date December 1957		Date	



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Site Record Form													
	<table><tr><td>NZAA Site Number:</td><td>R09/1124</td><td>Site Coordinates (NZTM)</td></tr><tr><td>Imperial Site Number:</td><td></td><td>Easting: 1755495</td></tr><tr><td>Site Type:</td><td>Midden/Oven</td><td>Northing: 5969760</td></tr><tr><td>Site Name(s):</td><td></td><td>Source: Site Record Form</td></tr></table>	NZAA Site Number:	R09/1124	Site Coordinates (NZTM)	Imperial Site Number:		Easting: 1755495	Site Type:	Midden/Oven	Northing: 5969760	Site Name(s):		Source: Site Record Form
NZAA Site Number:	R09/1124	Site Coordinates (NZTM)											
Imperial Site Number:		Easting: 1755495											
Site Type:	Midden/Oven	Northing: 5969760											
Site Name(s):		Source: Site Record Form											
													
Finding Aids to the Location of the Site: Southern end of Brick Bay. Under large pohutukawa tree.													
Brief Description: Pockets of pipi shell midden exposed in slumping and in tree roots.													
Condition of Site when last visited: Poor													



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Site Periods:

Indigenous pre-1769

Ethnicity:

Maori

Site Features:

Midden

Associated Sites:**Description:**

Updated 26/04/2018 (other), submitted by emmabrooks
Grid reference (E1755495 / N5969760)

Co-ordinates adjusted based on those on the site record form. Previously ArchSite showed the site on the R12 map sheet.

Condition Notes:



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CHI COMPUTER NUMBER:

17274

SITE RECORD FORM (NZMS260)

NZAA METRIC SITE
NUMBER:

R09 / 1124

NZMS 260 map number:

R09

DATE VISITED:

27 Nov 2007

NZMS 260 map name:

Warkworth

SITE TYPE:

SHELL MIDDEN

NZMS 260 map edition:

Edition 1 1981

SITE NAME:

Grid References:

Easting:

2666035

Northing:

6531467

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

Brick Bay; Sandspit; Matakana Estuary

2. State of Site and possible future damage:

Poor condition. Secondary deposition. Exposed and eroding. Land use foreshore/escarpment, ACZ. Threatened by continual coastal erosion and tree roots.

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

Site is located at the south end of Brick Bay 40m from southern point. Under a large pohutukawa tree behind beach on the verge of coastal escarpment, 1.5m above ground. Access is via the reserve at the end of Brick Bay Drive.

Site comprises a small pocket of disturbed midden slumping and exposed under tree roots. Consists of small pipi dispersed over 1.5m. May relate to midden sites 5182, 5183 and headland pa 9607.

4. Owner:

Tenant/Manager:

Address:

Address:

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

Site visit

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

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

ARC CHI

6. Reported by:

Mica Plowman and Andrew Flaws

27 Nov 2007

Filekeeper:

Address:

ARC Private Bag 92012 Auckland

Date:

7. Keywords: MIDDEN; PIPI; SHELL; CMA; ACZ

8. New Zealand Register of Archaeological Sites *(for office use)*

NZHPT Site Field Code

Latitude S

Type of site

Local environment today

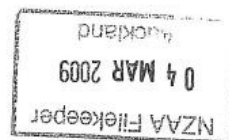
Land classification

Longitude E

Present condition and future danger of destruction

Security code

Local body





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Location shot looking toward site.