

CULTURAL IMPACT ASSESSMENT

FOR

HOBSONVILLE GROVE PROPOSED PLAN CHANGE

PREPARED FOR

AUSTINO

SEPTEMBER 2024

This report takes into account the particular instructions and requirements of our client. It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party. The cultural information in this report is the intellectual property of Te Kawerau ā Maki. Express permission is required to use its content for any other purpose.


Ref. TKITT000329

Te Kawerau Iwi Tiaki Trust

Level 3 Henderson Civic Centre, 1 Smythe Road, Auckland
www.tekawerau.iwi.nz



**TE KAWERAU IWI
TIAKI TRUST**

Report No.	TKITT000329		
Prepared by:	Ashleigh McDonald	Kaiārahi Taiao Environment Lead	
Reviewed and approved by:	Edward Ashby	Pou Tiaki CEO	
Date of issue:	30/09/2024		
Revision:	V2		

PEPEHA

Ko Hikurangi te maunga

Ko ngā Rau Pou ā Maki ngā tohu whakahī

Ko te Wao Nui ā Tiriwa te ngahere

Ko te Manukanuka ā Hoturoa me te Waitematā ngā moana

Ko Waitākere te awa

Ko Tainui te waka

Ko Tawhiakiterangi te tupuna

Ko Te Kawerau ā Maki te iwi

Hikurangi is the mountain

The many posts of Maki (Waitākere Ranges peaks) are the markers

Te Wao nui ā Tiriwa is the forest

Manukau and Waitematā are the harbours

Waitākere is the river

Tainui is the canoe

Tawhiakiterangi is the person

Te Kawerau ā Maki is the tribe

CONTENTS

Introduction

- 1.0 Project Background
- 2.0 Site Description
- 3.0 Aims and Objectives

Methodology

- 4.0 Statutory Context
- 5.0 Planning Policy Context
- 6.0 Te Ao Māori
- 7.0 Scoping and Consultation
- 8.0 Assessment Approach
- 9.0 Assumptions and Limitations

Environmental Baseline

- 10.0 Topography and Geology
- 11.0 Natural Resources and Ecology

Cultural Baseline

- 12.0 Statement of Association
- 13.0 Māori Archaeology
- 14.0 Cultural Sites and Resources

Impact Assessment

- 15.0 Potential Direct Impacts
- 16.0 Potential Indirect Impacts
- 17.0 Potential Cumulative Impacts
- 18.0 Summary of Effects

Conclusion

Recommendations

References

1. INTRODUCTION

1.0 Project Background

Te Kawerau Iwi Tiaki Trust ('the Trust') have been commissioned by Austino (hereafter the Client) to prepare a Cultural Impact Assessment (CIA) for the proposed Hobsonville Grove Private Plan Change at 84 and 1/100 Hobsonville Road, Hobsonville, Auckland. Sections 1 & 2 [SO 509537] which is approximately 2.13ha (however the PPC only applies to 1.36ha) and Section 1 [SO 511858], Section 1 [SO 490597] and Section 6 [SO 490597] which is approximately 9.34ha.

The Client seeks to rezone land that was part of the Council initiated Whenuapai Structure Plan (WSP) area. This PPC seeks to rezone 10.7ha of its landholding at 84 and 100 Hobsonville Road from Future Urban to:

- Business – Light Industry zone at 84 Hobsonville Road (Block 1) and
- Residential – Terraced Housing and Apartment Building (THAB) and Residential – Mixed Housing Urban (MHU) zones at 1/100 Hobsonville Road (Block 2).

The proposed rezoning of Block 1 aims to provide an extension to the existing industrial area in the Westpoint Drive area and the Hobsonville Corridor Precinct of the AUP 2016 – Operative in Part (AUP(OP)). The plan change also seeks to rezone land within Block 2 to create a walkable community which will eventually be able to connect with the future development of adjacent land that is also zoned for 'Future Urban' under the AUP(OP). In the PPC, the Block 2 land is proposed to be Residential – (MHU) and Residential (THAB) with site-specific precinct provisions that would ensure it is developed and used in a manner that is consistent with the WSP 2016.

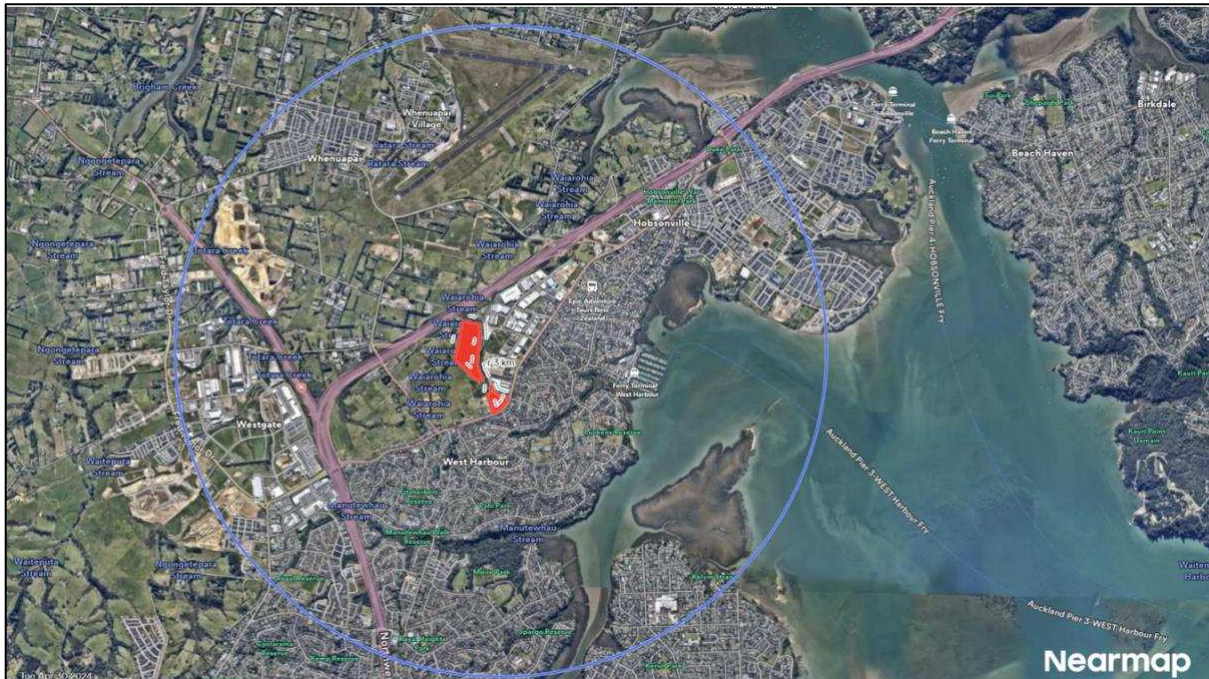
This CIA report has been prepared by the Trust as a legal entity of Te Kawerau ā Maki who are a mana whenua iwi of wider Tāmaki Makaurau (Auckland). The purpose of this CIA report is to provide the Client and relevant statutory agencies with documentation of Te Kawerau ā Maki's cultural values, interests, and associations with the project area and its natural resources, and the potential impacts of the proposed project activities on these. This impact assessment also provides recommendations as to how to avoid, remedy or mitigate any potential cultural effects that arise from the project.

Te Kawerau ā Maki engagement in statutory processes including provision of technical advice for impact assessments is guided by our tikanga (customs and protocols) and mātauranga (tribal knowledge) and framed by Te Tiriti o Waitangi, our Te Kawerau ā Maki Claims Settlement Act 2015, our Iwi Management Plan (IMP), and our organisational strategic values: Mana Motuhake (independence); Kaitiakitanga (guardianship and sustainable management); Whānaungatanga (people focused); Auahatanga (innovation); Mātauranga Māori (culture-driven).

2.0 Site Description

The project is located in the upper harbour area of West Auckland near West Harbour and Hobsonville. The Waitematā Harbour is several kilometres to the north and east. State Highway 16 runs to the west, while SHW 18 runs to the north. The RNZAF Whenuapai Airbase is approximately 2.2km north. The site sits within a landscape of some significant awa and streams with Te Waiarohia o Ngariki (Waiarohia Stream) to the west, the Rawiri stream near the boundary of the site to the east, Wai o Pareira (Waipareira Stream) approximately 500m to the south east and Mānutewhau 1.1km directly south.

The wider proposed project area (hereafter the Study Area) includes the surrounding Hobsonville-West Harbour area within a 3km radius of the project. This radius is considered necessary given the scale and nature of the proposal in order to better provide the cultural landscape context. For the purposes of this report, the proposed project site (hereafter the Site) includes the 11.5ha made up of the properties 84 Hobsonville Road (Block 1) and 1/100 Hobsonville Road (Block 2). The majority of these sites is vacant land and were previously used for small scale horticultural uses, pastoral farming and associated residences. These previous uses are reflected by the existing, unoccupied dwelling and disused glasshouses that are located within 1/100 Hobsonville Road.



Within a 3km radius of the site: all the land to the south is a fully developed residential suburb (West Harbour) as well as further North (Whenuapai). To the east, the land is nearly fully developed with a range of light industrial activities. To the west, the remainder of the block is currently vacant or farmland with the exception of the recently constructed school off Trig Road.

As seen in Figure 1 below, the land that is subject to this PPC is made up of two geographical locations in Hobsonville being:

- Block 1 – vacant land with an area of 1.36ha with frontage to Hobsonville Road, held in two records of title – RT:1046709 which is owned by the applicant and RT:798035 which is zoned for open space purposes and is currently owned by Auckland Council.
- Block 2 – vacant farmland which is generally bound by Rawiri Stream to the east, vacant land to the south and the Trig Stream (a tributary of Waiarohia Stream) to the west (separated from the boundary of the PPC site by a neighbouring property), and Council-owned land to the north. This block has a land area of approximately 9.3ha. This block has no frontage to a public road, and the northern portion of this block is affected by the Spedding Road Notice of Requirement (NoR).

Restoration of Rawiri Stream

In 2019, an 830m section of Rawiri Stream bordering the Site was restored in conjunction with a cycleway development in the future growth area by the Council.

The restoration design included the proposal for active remediation of several key reaches of the stream. Physical works in the stream were limited to those locations where access from the banks was feasible without impacting higher quality riparian vegetation and maximum benefits to the stream value.

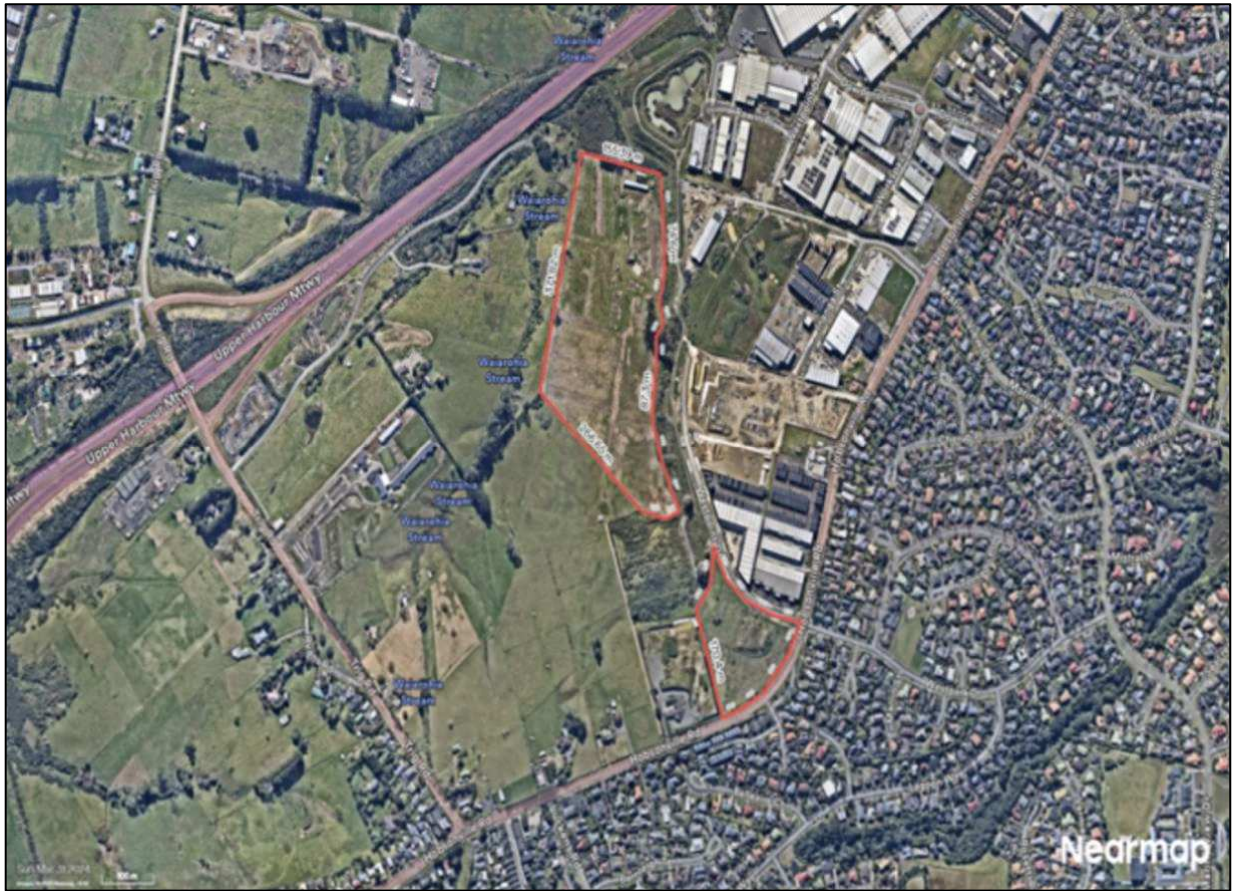


Figure 1: Proposed Zoning in the Private Plan Change Request (source: Harrison Grierson)



Figure 2: Land subject to the PPC request (supplied by Harrison Grierson)

The land is subject to the following Auckland Unitary Plan (OP) overlays, controls and designations:

- Block 1 (84 Hobsonville Road): Hobsonville Corridor Precinct, sub precinct C; High-Use Aquifer Management Areas overlay [rp] – Kumeu Waitemata Aquifer; Macroinvertebrate Community Index – Rural; Stormwater Management Area Control – Flow 1 (only the Business-Light Industry); Designations – 1467 Road widening Hobsonville Rd, Auckland Transport; and Airspace Restriction Designations – ID 4311, Defense purposes, Minister of Defence.
- Block 2 (100 Hobsonville Road) - High-Use Aquifer Management Areas overlay [rp] – Kumeu Waitemata Aquifer; Macroinvertebrate Community Index – Rural; Designations – 1467 Road widening Hobsonville Rd, Auckland Transport; and Airspace Restriction Designations – ID 4311, Defense purposes, Minister of Defence.

3.0 Aims and Objectives

The aim of this CIA report is to document Te Kawerau ā Maki's cultural values, interests, and associations with the Site; identify specific cultural sites and resources; assess the values of these sites and resources; identify the potential impacts that arise from project activities and assess the significance of effect; and provide recommendations as to how to avoid, remedy or mitigate the potential effects to Te Kawerau ā Maki.

This impact assessment will:

- provide a baseline of known environmental or natural features and resources that may hold cultural values;
- provide a statement of cultural association Te Kawerau ā Maki has with the Site and Study Area;
- identify any known cultural sites and resources within the Site or Study Area;
- describe the value or significance of such sites and resources;
- identify the potential for unrecorded cultural sites (i.e. buried Māori archaeology);
- identify the cultural constraints and risks associated with the Site and the potential significance of effects;
- provide recommendations for further assessment where necessary and/or measures to avoid, remedy or mitigate adverse effects upon Te Kawerau ā Maki.

2. METHODOLOGY

4.0 Statutory Context

Te Tiriti o Waitangi

The key guiding document in any consideration of planning or practice that may impact upon the cultural values or wellbeing of Mana Whenua is Te Tiriti o Waitangi. The principles of the Treaty are recognised and provided for in the sustainable management of ancestral lands, water, air, coastal sites, wāhi tapu and other taonga, and natural and physical resources. The Treaty is articulated in law through an evolving set of principles. These include:

- a. reciprocity
- b. rangatiratanga
- c. partnership
- d. shared decision-making
- e. active protection
- f. mutual benefit
- g. right of development
- h. redress.

While Article 1 of the Treaty enables the Crown to govern and make laws, Article 2 guarantees Māori rangatiratanga over their people, lands and taonga (things of value). Māori values, associations and interests with their taonga applies regardless of property titles or other constructs, and the Treaty requires that the Crown actively protect these associations and interests (including through but not limited to statutes). Article 3 provides for equality and equity of citizenship and outcome.

Te Kawerau ā Maki Claims Settlement Act 2015

Te Kawerau ā Maki Claims Settlement Act (TKaMCSA) records the acknowledgements and apology given by the Crown to Te Kawerau ā Maki for historic grievances and breaches of Te Tiriti o Waitangi and gives effect to provisions of the Deed of Settlement that settles the historical claims of Te Kawerau ā Maki. The Act binds the Crown to Te Kawerau ā Maki to work together in accordance with Te Tiriti. The Settlement as delivered through the Act provided both cultural and commercial redress to Te Kawerau ā Maki. This includes binding protocols between Government Ministries and Te Kawerau ā Maki (Part 2, s21 to s26), a recognised and agreed area of interest (Part 1, s12(2b), Part 1 of attachments to Act), and statutory acknowledgements and deeds of recognition (Part 2, s27 to s40, and Schedule 1).

Statutory acknowledgements require relevant consent authorities, the Environment Court, and Heritage New Zealand Pouhere Taonga to: (a) have regard to the statutory acknowledgement; (b) require relevant consent authorities to record the statutory acknowledgement on statutory plans and to provide summaries of resource consent applications or copies of notices of applications to the trustees; and (c) enable the trustees and any member of Te Kawerau ā Maki to cite the statutory acknowledgement as evidence of the association of Te Kawerau ā Maki with a statutory area. The statutory acknowledgement supports Te Kawerau ā Maki trustees being considered as affected persons in relation to an activity within the area under s95E and s274 of the Resource Management Act (1991), and s59(1) and 64(1) of the Heritage New Zealand Pouhere Taonga Act (2014).

Te Kawerau ā Maki Statutory Acknowledgement Areas of relevance to this project are:

- Coastal statutory acknowledgement
- Kumeū River and tributaries
- Rangitōpuni Stream and tributaries
- Te Wai-ō-Pareira / Henderson Creek and tributaries

Heritage New Zealand Pouhere Taonga Act 2014

Statutory protection of Māori archaeology and wāhi tapu is provided for under the Heritage New Zealand Pouhere Taonga Act 2014 (HNZPTA), which is administered by Heritage New Zealand Pouhere Taonga (HNZPT), an autonomous Crown Entity. Under the Act all *in situ* materials, sites, and features older than 1900AD are considered archaeological sites whether previously recorded or not and are afforded automatic protection from damage, modification, or destruction without first obtaining an Archaeological Authority from HNZPT. Moveable objects and artefacts that are not *in situ* but that are from an archaeological context, or are of Māori origin, are controlled under the Protected Objects Act (1975). The HNZ Act S45(2)b stipulates that works on sites of interest to Māori can only occur if (a) the practitioners can demonstrate they have the requisite competencies for recognising and respecting Māori values, and (b) the practitioners undertaking the works have access to appropriate cultural support. Under the Act Mana Whenua are enabled to provide advice or assessment regarding the management or decision taking arising from impacts to their cultural sites, provided these meet the Act's criteria. It is noted that Te Kawerau ā Maki never ceded our sovereignty to govern our taonga to HNZPT and view the HNZPTA as overstepping its authority or role as the decision-maker over the taonga of Te Kawerau ā Maki, thus being in direct breach of Article II of Te Tiriti ō Waitangi.

Resource Management Act 1991

The Resource Management Act (RMA) 1991 provides statutory recognition of the Treaty of Waitangi and the principles derived from the Treaty. It introduces the Māori resource management system via the recognition of kaitiakitanga and tino rangatiratanga and accords Territorial Local Authorities with the power to delegate authority to iwi over relevant resource management decisions. The Act contains over 30 sections, which require Councils to consider matters of importance to tangata whenua. Some of the most important of these are:

- Take into account principles of the Treaty of Waitangi and their application to the management of resources (Section 8).
- Recognition and provision for, as a matter of national importance, the relationship of Māori and their culture and traditions with their ancestral lands, water, sites, wāhi tapu and other taonga (Section 6(e)).
- Having particular regard to the exercise of kaitiakitanga or the iwi's exercise of guardianship over resources (Section 7(a)).
- Requiring the Minister for the Environment to consider input from an iwi/hapū authority when preparing a national policy statement (Section 46).
- The ability for local authorities to transfer their functions, powers or duties under the Act to iwi authorities (Section 33).
- Development of joint management agreements between councils and iwi/hapū authorities (Section 36B to 36E).
- Having regard to any relevant planning document recognised by an iwi/hapū authority (sections 35A(b), 61.2A(a), 66.2A(a), 74.2A).
- The obligation to consult with iwi/hapū over consents, policies and plans. (Combination of all the sections above and Clause 3(1)(d) of Part 1 of the first schedule of the Resource Management Act).

An assessment of impacts on cultural values and interests (CIA) can assist both applicants and the council in meeting statutory obligations in a number of ways, including:

- preparation of an Assessment of Environmental Effects (AEE) in accordance with s88(2)(b) and Schedule 4 of the Resource Management Act 1991 (RMA)
- requests for further information under s92 of the RMA in order to assess the application
- providing information to assist the council in determining notification status under ss95 to 95F of the RMA
- providing information to enable appropriate consideration of the relevant Part II matters when making a decision on an application for resource consent under s104 of the RMA, or when undertaking a plan change

- consideration of appropriate conditions of resource consent under s108 of the RMA.

It is noted that Te Kawerau ā Maki never ceded our sovereignty to govern our taonga to local authorities and view the RMA as enabling councils to overstep their authority or role as the decision-maker over the taonga of Te Kawerau ā Maki, thus being in direct breach of Article II of Te Tiriti ō Waitangi.

Reserves Act 1977 and Conservation Act 1987

Section 4 of the Conservation Act, which is invoked by the Reserves Act, states that the Act must be interpreted and administered as to give effect to the principles of the Treaty of Waitangi.

5.0 Planning Policy Context

UN Declaration on the Rights of Indigenous Peoples

New Zealand supported the UN Declaration on the Rights of Indigenous Peoples (2007) in 2010. This support was an affirmation of fundamental rights and the aspirations of the Declaration. Article 11 states that indigenous peoples have the right to practise and revitalise their cultural traditions and customs, including the right to maintain, protect and develop the past, present and future manifestations of their cultures, such as archaeological and historical sites, artefacts, designs, ceremonies, technologies and visual and performing arts and literature (clause 1). States shall provide redress through effective instruments, which may include restitution, developed in conjunction with indigenous peoples, with respect to their cultural, intellectual, religious and spiritual property taken without their free, prior and informed consent or in violation of their laws, traditions and customs. (clause 2). Article 18 and 31 note that indigenous peoples have the right to participate in decision-making in matters which would affect their rights, through representatives chosen by themselves in accordance with their own procedures, as well as to maintain and develop their own indigenous decision-making institutions. Further that Indigenous peoples have the right to maintain, control, protect and develop their cultural heritage, traditional knowledge and traditional cultural expressions, as well as the manifestations of their sciences, technologies and cultures, including human and genetic resources, seeds, medicines, knowledge of the properties of fauna and flora, oral traditions, literatures, designs, sports and traditional games and visual and performing arts. They also have the right to maintain, control, protect and develop their intellectual property over such cultural heritage, traditional knowledge, and traditional cultural expressions.

ICOMOS New Zealand Charter 2010

The International Council on Monuments and Sites (ICOMOS) is UNESCO's principal advisor in matters concerning the conservation and protection of historic monuments and sites and advises the World Heritage Committee on the administration of the World Heritage Convention (which includes provision of nationally significant heritage). The New Zealand National Committee (ICOMOS NZ) produced a New Zealand Charter in 2010 which has been adopted as a standard reference document by councils. The Charter sets out conservation purposes, principles, processes and practice. The scope covers tangible and intangible heritage, the settings of heritage, and cultural landscapes. Of particular relevance the Charter states that tangata whenua kaitiakitanga over their taonga extends beyond current legal ownership wherever such cultural heritage exists. The Charter also states that the conservation of Māori heritage requires incorporation of mātauranga and therefore is conditional on decisions made in association with tangata whenua and should proceed only in this context.

National Policy Statement for Freshwater Management 2020

The NPS for freshwater management provides national policy settings that relevant statutory agencies including local authorities must comply with. Central to the NPS is the concept of Te Mana ō Te Wai set out in s1.3. This is an aspirational concept that means that the integrity (physical and spiritual) of all water is upheld to its highest possible quality or state. The Crown's interpretation of the concept is that the fundamental importance of water is recognised and that by protecting the health of freshwater we

protect the health and well-being of the wider environment, including by protecting wai mauri, and the restoration of the balance between water, the environment, and communities. It provides six principles for the management of water (s1.3(4)). Relevant to tangata whenua are: (a) Mana whakahaere: the power, authority, and obligations of tangata whenua to make decisions that maintain, protect, and sustain the health and well-being of, and their relationship with, freshwater; (b) Kaitiakitanga: the obligation of tangata whenua to preserve, restore, enhance, and sustainably use freshwater for the benefit of present and future generations; (c) Manākitanga: the process by which tangata whenua show respect, generosity, and care for freshwater and for others. Policy 2.2(2) states that tangata whenua are actively involved in freshwater management (including decision-making processes), and Māori freshwater values are identified and provided for. Policy 2.2(3) requires that freshwater is managed in an integrated way that considers the effects of the use and development of land on a whole-of-catchment basis, including the effects on receiving environments. Section 3.4 sets out how councils must actively involve tangata whenua in the management of fresh water.

National Policy Statement for Indigenous Biodiversity 2023

The NPSIB provides national policy around biodiversity that statutory agencies must comply with or reflect in decision-making. The overall objective s2.1(1) is to maintain indigenous biodiversity across Aotearoa New Zealand so that there is at least no overall loss in indigenous biodiversity. Section 2.1(1)(b) states that in doing this decision-makers must recognise the mana of tangata whenua as kaitiaki of indigenous biodiversity. Policy 1 states indigenous biodiversity must be managed in a way that gives effect to the decision making principles and takes into account the principles of the Treaty of Waitangi. Policy 2 supports the role of tangata whenua in exercising their kaitiakitanga for biodiversity. The implementation of the NPSIB requires a partnership approach with tangata whenua.

Auckland Unitary Plan

At a Local Government level, the Auckland Unitary Plan (AUP) provides for the protection and management of matters of importance to Mana Whenua including the environment and cultural heritage. These matters are set out in the Regional Policy Statement Chapter B6, but are also embedded in the lower-order policies and rules throughout the Plan.

Policy B6.2.2 provides for the recognition of Treaty of Waitangi/Te Tiriti o Waitangi partnerships and participation. This includes Policy B6.2.2(1) that provides for Mana Whenua to actively participate in the sustainable management of natural and physical resources including ancestral lands, water, sites, wāhi tapu and other taonga.

Policy B6.3.2 deals with recognising Mana Whenua values and includes clause (1) that enables Mana Whenua to identify their values associated with ancestral lands, freshwater, biodiversity, and cultural heritage places and areas, and clause (2) that requires the integration of Mana Whenua values, mātauranga and tikanga in the management of natural and physical resources within the ancestral rohe. Clause (3) ensures that any assessment of environmental effects for an activity that may affect Mana Whenua values includes an appropriate assessment of adverse effects on those values. Clause (6) of the policy requires resource management decisions to have particular regard to potential impacts on: the holistic nature of the Mana Whenua world view; the exercise of kaitiakitanga; mauri; customary activities; sites and areas with significance spiritual or cultural heritage value; and any protected customary right under the Takutai Moana Act (2011).

Policy B6.5.2 provides for the active protection of Mana Whenua cultural heritage. Clause (2) sets out a framework for identifying and evaluating Mana Whenua cultural heritage using the assessment factors of: mauri; wāhi tapu; kōrero tūturu; rawa tūturu; hiahiatanga tūturu; and whakaaronui o te wā. Clause (4) requires the protection of places and areas listed in Schedule 12 Sites and Places of Significance to Mana Whenua from adverse effects. Clause (7) provides for the inclusion of a Māori cultural assessment in structure planning and plan change processes, and clause (9) encourages appropriate design, materials and techniques for infrastructure in areas of known historic settlement and occupation.

Iwi Management Plan

Te Kawerau ā Maki Resource Management Statement (1995) was lodged with Council explicitly as an iwi authority planning document under sections 66(c) and 74(b) of the RMA 1991 (since repealed). The IMP describes the continuing role of Te Kawerau ā Maki as kaitiaki (guardians) and provides policies to guide statutory authorities and applicants. Policy 2.2(2) promotes the integration of Te Kawerau ā Maki tikanga in resource management, while clause (3) requires engagement by all agencies within the rohe to help give effect to the kaitiaki role of the iwi. Policy 4.1.2(3) requires that cumulative effects upon Te Kawerau ā Maki are fully recognised and provided for. Policy 4.2.2 concerns Te Kawerau ā Maki cultural heritage and requires the protection of all heritage sites including access requirements (s4.2.2(1)); the involvement of Te Kawerau ā Maki in all instances where potential effects may arise (s4.2.2(2)); and the recognition of Te Kawerau ā Maki cultural and spiritual values (s4.2.2(3 and 4)). Policy 4.3.2 concerns the management of kōiwi, while s4.4.2 regards the management of water. Activities in the Coastal Marine Area are covered by s4.5.2. Waste management policies are described in s4.6.2 and land and landscape policies are set out in s4.7.2. Indigenous flora and fauna policy settings are described in s.4.8.2 including opposition to all destruction of native flora and fauna without Te Kawerau ā Maki written consent. Policy 4.9.2 concerns Te Kawerau ā Maki participation in design of the built environment and interpretation of heritage. The IMP also details formal support and adoption of the 1993 Matātua Declaration on cultural and intellectual property rights of indigenous peoples.

6.0 Te Ao Māori

Our worldview is the framework by which we understand and navigate our physical and metaphysical environment. A full account of the cosmological underpinnings of Te Ao Māori is not offered here but in brief it recognises both the spiritual and the physical, is guided by different domains governed by atua or distinct spiritual entities, and involves several core concepts including whakapapa, mana, wairua, mauri, tapu, and noa. Te Ao Māori places emphasis on the holistic link between people and the environment. Mātauranga is the knowledge or wisdom about the world developed over generations and passed down from tūpuna, while tikanga is the evolving set of principles and customary practices by which Māori give effect to this knowledge to navigate the world safely.

Papatūānuku

The primordial goddess embodying the whenua or land. She is the earthmother to all living things. This whakapapa is one of the reasons why whenua is the name for placenta as well as land, and why in Te Ao Māori tangata whenua belong to the whenua and not the other way around. Papatūānuku is a source of rejuvenation and life.

Ranginui

The primordial god embodying the sky or heavens. He is the skyfather to all living things. When he was separated from his wife Papatūānuku by their children, his tears became the rain which is considered tapu until it reaches the ground (wai Māori).

Tūmatauenga

The god of war and human activities and a progenitor of humanity.

Tāwhirimātea

The god of weather including thunder, lightning, wind, clouds and storms. He was opposed to the forced separation of his parents Papatūānuku and Ranginui and therefore he wars with his brothers and their descendants to this day.

Tāne

The god of forests and animals and an originator and protector of humans. Responsible for separating the embrace of his parents and ushering in Te Ao Marama (the age of light).

Tangaroa

The god of the sea, lakes, rivers and animals that live in them. There is a close and sometimes contentious relationship between Tangaroa and Tāne reflected in creatures such as reptiles and whales and in the dynamic between the sea and the coastline.

Rongo

The god of cultivated plants and agriculture also associated with peace.

Haumia-tiketike

The god of uncultivated plants and wild foraging.

Matā-oho

The local god of volcanic activity and earthquakes that formed the Tāmaki volcanic field.

Whakapapa

The sacred genealogy linking all things. Humans whakapapa not only to human tūpuna (ancestors), but also to the whenua, atua and their respective lineages. All indigenous animals and plants have an interconnected whakapapa. Whakapapa is a prerequisite of mana whenua, whānaungatanga, and kaitiakitanga.

Mana

A core metaphysical concept regarding the inherent authority or power of people, places or objects. Mana is derived or delegated from atua and, in the case of humans, is both inherited and earned through actions. Everything including people has an element or degree of mana. A person or tribe's mana can increase or decrease depending on the success, failure or nature of actions (or inactions) and is directly tied to their wellbeing. Undertaking the responsibilities of manakitanga and kaitiakitanga successfully are examples of maintaining or enhancing mana and contribute to cementing mana whenua.

Tapu

A core metaphysical concept regarding a state or degree of sacredness, prohibition, being set apart or forbidden. Tapu is a state where a person, place or thing is under the protection of or dedicated to an atua and is thus removed from profane or normal or common things and uses. Tapu is closely linked to mana and governs the behaviour of individuals and the wider society. Everything including people has an element or degree of tapu that must be preserved and respected. It is a priority of rangatira, tohunga and kaitiaki to maintain tapu and to ensure it is not diluted by common things. As with mana, the maintenance of tapu is directly linked to the wellbeing of both individuals and the tribe.

Noa

A core metaphysical concept regarding a normal or common (and sometimes profane) state that is in essence the opposite of tapu. Noa actions and things (whakanoa) can dilute tapu.

Wairua

A core metaphysical concept regarding the immortal spiritual or non-physical element of people, places or things.

Mauri

A core metaphysical concept regarding the essence that binds the physical and the spiritual together to enable life to exist and to thrive. Mauri is a sacred element and can be weakened or enhanced. When damaged or diluted the binding between the physical and the spiritual realms is weakened and life begins to falter and fail. It is the sacred obligation of mana whenua, through the act of kaitiakitanga, to maintain the balance of mauri within people, places, objects, ecosystems, and the hapū or iwi.

Mātauranga

The body of knowledge or customary wisdom and skill embedded within the tohunga, whānau, hapū and iwi. Mātauranga is passed down the generations from tūpuna but is also added onto through successive generations of uri, and culturally encodes hundreds of years of observations, measurements, theory, and custom regarding Te Ao Māori and the environment.

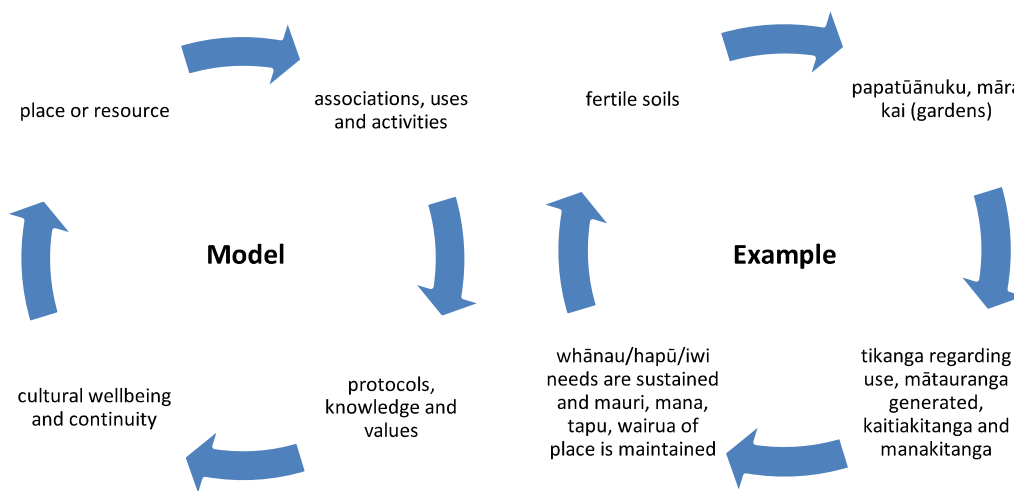
Tikanga

The lore, customs, practices, protocols, rules and methods that give effect to the application of mātauranga in navigating the natural and social world. There are different tikanga for different contexts and in different domains.

Cultural Values

Cultural values are the shared norms that govern the continuation of culture and provide the framework for social and individual actions. Key values include: rangatiratanga (chiefly authority or self-governorship), whānaungatanga (kinship and reciprocal connection through shared whakapapa), wairuatanga (spirituality), manakitanga (hospitality and showing care), and kaitiakitanga (guardianship or stewardship).

A model of how cultural values function is provided below.



7.0 Scoping and Consultation

The Study Area comprises a 3000m radius from the centre of the Site. This radius is considered appropriate given the large scale of the Site and presence of significant cultural sites in the vicinity that could have setting or indirect impacts. Within this area all appropriate and known cultural sites, areas, landscapes and resources have been identified. Te Kawerau ā Maki however reserve the right to

withhold certain information regarding wāhi tapu or sites that are culturally and spiritually sensitive to the iwi.

This report includes all known or appropriate-to-report elements of the natural and cultural environment within the Site and Study Area considered to hold cultural value for Te Kawerau ā Maki. This information forms the baseline of the assessment. This includes native biodiversity and ecology, geological and topographic features, natural resources including water bodies, built heritage such as marae, socio-cultural features such as papa kāinga, cultural landscapes, historic or cultural sites, Māori archaeological sites, pou whenua and significant cultural public art.

Mātauranga/cultural knowledge of the Site and Study Area has been obtained, where appropriate, from Te Kawerau ā Maki kaumatua, kuia and other holders of knowledge within the iwi. Readily available published and unpublished written records, illustrations, maps, archaeological and geological records were reviewed during preparation of this cultural assessment. Spatially referenced heritage asset data was reviewed from the Auckland Council Cultural Heritage Inventory (CHI) and the New Zealand Archaeological Association (NZAA) recording scheme database (ArchSite). Other information, reports, and impact assessments available for the Site that have been provided by the Client have been reviewed including:

- Assessment of Environmental Effects by Harrison Grierson (April 2024)
- Stormwater Management Plan (Block 2) by Harrison Grierson (December 2023)
- Ecology Report by Bioresarches (March 2024)
- Archaeology Report (Block 2) by CFG Heritage (April 2019)
- Civil Infrastructure Report (Block 1) by Harrison Grierson (April 2024)
- Civil Infrastructure Report (Block 2) Harrison Grierson (April 2024)

The opinions contained within this document may change and/or develop as new information is released.

This Cultural Impact Assessment involved a desktop study based on review of technical information, cultural knowledge of the area, and research as well as a site visit to assess and confirm site condition

8.0 Assessment Approach

Following standard Environmental Impact Assessment (EIA) methodologies and planning terminology, but adapted for CIA purposes, this report will:

- a. **Identify** the cultural sites, areas and resources (defined as both tangible and intangible cultural heritage, natural resources of cultural interest, and socio-cultural features) within a Study Area encompassing the proposed Site and a wider area that may be directly or indirectly impacted. The Study Area is defined as approximately 3000m radius of the Site to correspond with a likely area of setting impacts (e.g. noise, visual), indirect impacts, and a logical catchment of the cultural landscape.
- b. Provide comment on the cultural **value** of the identified cultural sites, areas and resources. Māori cultural value is not derived from national or local policy but is defined and determined by tangata whenua and their particular world view and culture. Māori values are distinct from historic, archaeological or other value-systems, and are recognised by the courts and statute as their own legitimate knowledge-system with tangata whenua being the experts. Māori values are informed by whakapapa and guided by tikanga and kawa, with emphasis placed on the associative and living connection to places and resources which sustain cultural knowledge (mātauranga), practices, and spiritual and physical wellbeing. All cultural sites, areas and resources are of value to Te Kawerau ā Maki, who hold a holistic view of the environment and the unique relationship of the iwi to the whenua. It is difficult to apply a Western paradigm of value hierarchy or significance ranking (i.e. 'low, medium, high') when using a Te Ao Māori lens. Nevertheless, the methodology here attempts to distinguish the relative importance of matters as determined by a number of criteria, including the degree of mana, tapu or mauri, the degree to which a resource

has specific kōrero or mātauranga, its sensitivity to changes (ability to absorb impacts), and its relative scarcity. This approach recognises that a matters' value is intrinsic but relative to context. This approach is supported by RMA Part II matters noting the relationship of tangata whenua with their lands, waters, and taonga as nationally significant. The approach is set out below:

- high: cultural sites/areas/resources that retain their integrity overall, are either rare or are common but hold specific customary uses or mātauranga, are considered a wāhi tohu or landscape indicator, or have a high sensitivity to change.
- medium: cultural sites/areas/resources that retain the key elements of their integrity, are either uncommon or are common but hold specific customary uses or mātauranga, or have a moderate sensitivity to change.
- low: cultural sites/areas/resources that have been significantly degraded or damaged, are common and do not hold specific current customary uses or mātauranga, or have a low sensitivity to change.

Value is also assigned against the cultural values identified in the AUP Policy B6.5.2(2):

- i. Mauri: the mauri (life force and life-supporting capacity) and mana (integrity) of the place or resource holds special significance to Mana Whenua;
- ii. Wāhi Tapu: the place or resource is a wāhi tapu of special, cultural, historic, metaphysical and or spiritual importance to Mana Whenua;
- iii. Kōrero Tūturu: The place has special historical and cultural significance to Mana Whenua;
- iv. Rawa Tūturu: the place provides important customary resources for Mana Whenua
- v. Hiahiatanga Tūturu: the place or resource is a repository for Mana Whenua cultural and spiritual values; and
- vi. Whakaaronui o te Wa: the place has special amenity, architectural or educational significance to Mana Whenua.

c. Identify the potential **impacts** to cultural resources and elements. Only Mana Whenua can define the impact to their cultural values, but guidance is noted below. Cultural impacts can be:

- no change
- negligible: changes result in small impacts on integrity of the site/area/resource such that their function is reduced but not notably diminished, ability to understand/appreciate/use/access is impacted to a inconsequential degree, the ability to interpret the cultural landscape or setting is impacted but the change can easily be absorbed.
- minor: changes result in small impacts on integrity of the site/area/resource such that their function is reduced but not significantly diminished, ability to understand/appreciate/use/access is impacted to a small degree, the ability to interpret the cultural landscape or setting is impacted to a small degree or change can otherwise be largely absorbed.
- moderate: changes result in appreciable/significant impacts on the integrity of the site/area/resource such that their function is impeded, ability to understand/appreciate/use/access is impacted to a notable degree, the ability to interpret the cultural landscape or setting is impacted to a notable degree or change can otherwise not be absorbed.
- major: changes result in large scale/total impacts on the integrity of the site/area/resource such that their function is effectively destroyed, ability to understand/appreciate/use/access is impacted to a significant degree/is no longer possible, the ability to interpret the cultural landscape or setting is impacted to a significant degree or change can otherwise not be absorbed and the landscape or setting is no longer recognisable/able to function.

Impacts can be either adverse or beneficial. Impacts can also be temporary or permanent. They can occur during the construction or the operational phase of a development. Impacts can be:

- i. direct (i.e. physical impacts resulting from a development, impacts to the settings of cultural sites or the character of cultural landscapes, visual, noise, odour, or culturally inappropriate land use activities).
 - ii. indirect (i.e. traffic congestion, erosion due to vegetation loss, or other secondary impacts that occur over time or in a secondary location to the original activity).
 - iii. cumulative (i.e. impacts which are caused by the combined result of past, current and future activities, or in-combination impacts).
- d. Define the **significance of effect** resulting from combining the value of a cultural site, area or resource and the level of potential impact to that site, area or resource. Significance of effect is assessed pre-mitigation but can also be assessed again post-mitigation to ascertain the *residual effect* and effectiveness of any proposed mitigation. Significant effects (within a planning framework) are those with moderate or large effects (either adverse or beneficial). This method is outlined below in Table 1. Note that positive effects will be coloured green.

Table 1: Significance of effect

		LEVEL OF IMPACT				
		No Change	Negligible	Minor	Moderate	Major
CULTURAL VALUE	High	Neutral	Minor	Moderate	Large	Large
	Medium	Neutral	Negligible	Minor	Moderate	Large
	Low	Neutral	Negligible	Negligible	Minor	Moderate

9.0 Assumptions and Limitations

Te Kawerau ā Maki are the experts of our own culture and tikanga. This expertise and the equal weighting of mātauranga Māori evidence is accepted in the courts and by statute. Through a necessity to work within a Western planning framework we utilise planning language where possible to aid in mutual understanding, however there is difficulty in the translation and application of some core cultural concepts to such a framework. This is particularly an issue when segmenting or demarcating value spatially, when ascribing a type of significance hierarchy, and when limiting value to tangible elements, whereas Māori hold a holistic perspective that operates differently to typical Western paradigms. This means that where there is doubt or confusion over a term or point of discussion, readers should contact Te Kawerau ā Maki directly for clarification.

Due to the sensitive nature of certain cultural knowledge, areas and sites (e.g. burial grounds), Te Kawerau ā Maki reserves the right not to identify the exact spatial extents or provide full information of such areas to retain and protect this knowledge within the iwi. In other situations, while a general area may be known to be of cultural significance the exact spatial extent or location of the site may have been lost over successive generations. Where possible and appropriate, sites are described and defined to enable discussion of the impacts while acknowledging these limitations.

The environmental and archaeological data relied upon for elements of this report are derived from secondary sources and it is assumed the data and opinions within these and other secondary sources is reasonably accurate.

The CHI and ArchSite databases are a record of known archaeological and historic sites. They are not an exhaustive record of all surviving historic or cultural sites and resources and do not preclude the existence of further sites which are unknown at present. The databases also utilise a site location point co-ordinate system rather than detailing site extents or cultural landscapes.

3. ENVIRONMENTAL BASELINE

10.0 Topography and Geology

The underlying geology of both Precincts 1 and 2 have ground conditions comprising of Tauranga Group Alluvium. The landform is predominantly underlain with stiff to very stiff, slightly to moderately plastic, clayey silts, and silty clays.

The site itself comprises gently sloping land that has historically been used for agricultural and horticultural activities. According to the Geotechnical Assessment undertaken by GeoSciences, the land is considered to be stable with acceptable levels of post-development residual risk from natural hazards that would prevent future development.

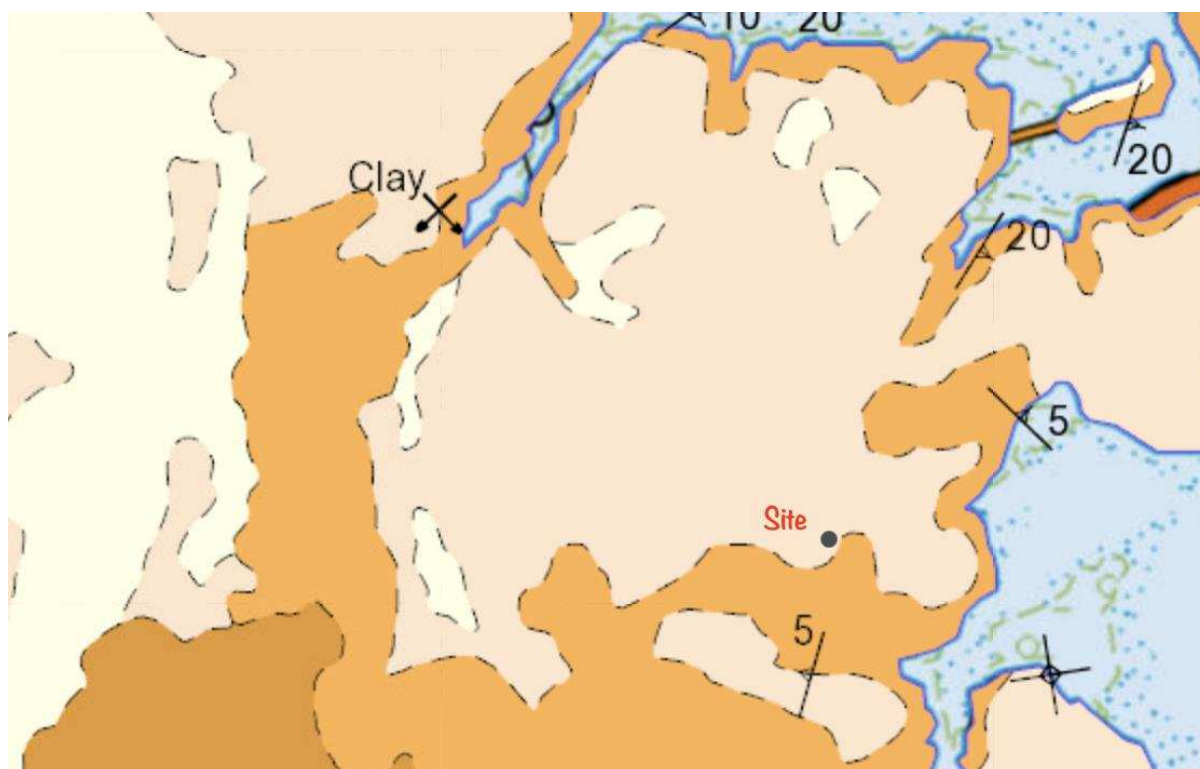


Figure 3: Geology of the Study Area (source: Te Kawerau a Maki GIS)

Block 1 is located on the banks of a wide natural gully which drains down to Rawiri Stream. The high point of the precinct is located on Hobsonville Road (approximately 62m AVD1946) to the west of the site and the low point is the northern most corner (approximately 43m AVD1946).

Block 2 sits in between two streams with steep areas occurring in the vicinity of the upper reaches of the Rawiri stream and tributary of Waiarohia ō Ngariki (Trig stream) – note the site is not bounded by the Trig Stream to the west, other land – not owned by Austino – borders that stream. The centre of the site is relatively flat with the high point located on the southwestern boundary (approx., 46m AVD1946) and the low point is located in the northeastern boundary (approx. 25m AVD1946).

11.0 Natural Resources and Ecology

The relatively productive soils and the stream systems are the main natural resources of cultural relevance to note. The PPC area and land immediately adjacent to it, do not contain any Significant Ecological Areas (SEAs) and is not within a Natural Stream Management Area, however it is worth noting that the nearest SEA is located downstream (Brigham Creek), almost 1km from Block 2. Beyond this, the ultimate receiving environment of the Upper Waitemata Harbour is identified as an SEA. There are also no Notable Trees within the PPC area.

According to the Biosearches report (2024), historically (pre-1900s) the area would have comprised the forest ecosystem type 'Pūriri forest' (WF7) and therefore would have supported a diverse range of invertebrates, amphibians, reptiles, birds and bats. It has been devoid of such native habitat for at least most of the 20th century – Biosearches (2024) noted that by the 1940s mature vegetation had been largely cleared, as indicated by the earliest historic aerial imagery of the site. Typical shelterbelts and scrub vegetation were observed along the property boundaries and for the most part, it seems the site was used for agricultural purposes up until recently.

In terms of freshwater habitat, there are no watercourses within the PPC area, however the Biosearches (2024) report notes that there are freshwater watercourses near the site that could be affected by indirect effects related to earthworks and or from the diversion and discharge of stormwater on the land is developed for urban purposes. These freshwater features (which are also permanent streams) are the Rawiri Stream and a tributary of the Trig Stream, which converge downstream to form the Waiarohia ō Ngariki (Waiarohia) Stream that flows underneath the Upper Harbour Highway (SH16) via 3 culverts owned by Waka Kotahi (Culvert D 1950mm, Culvers C2 & C3 2100mm). The report also notes that the lower reaches of the Trig and Rawiri streams meet the definition of a natural wetland, which is located approximately 10m from the PPC area and sits within land that is zoned Open Space – Informal Recreation. Biosearches assessed the Rawiri Stream and the wetland as having 'moderate' ecological value due to its potential to provide freshwater fish habitat.

In terms of native fauna the ecological report (Biosearches, 2024) identified the presence of North Island Fernbird within the vicinity of the site, but considers it highly unlikely the fernbird would be present within the site due to its low suitability and its position near roadways. The site is expected to support a range of common, non-threatened native bird species. Bats (pekapeka) have been recorded within the vicinity of the site and therefore, future bat surveys will be necessary to determine potential presence.

Biosearches (2024) noted that the habitat pertaining to native geckos was considered low and that they are highly unlikely to be present – however, the site could support native skinks, in particular the copper skink which are known to persist in modified, edge habitats. The report also noted that it is unlikely that native lizards would inhabit the area due to lack of suitability within the Northern portion of the site, however grassland is present within the Southern portion of proposed Precinct 2 and within proposed Precinct 1.



Figure 4: Image of the PPC and surrounding area (source: Harrison Grierson)



Figure 5: Image showing streams and overland flowpaths (source: Auckland GeoMaps)

13.0 Māori Archaeology

The known archaeological record (surmised from NZAA and CHI databases) within the Study Area can be typified as predominantly coastal middens evidencing seasonal resource use and occupation on the coastline of the wider area. According to CFG Heritage (2019) Hobsonville is located between two important pre-European portages which provided connections between the Kaipara and the Waitemata Harbours and the Waitemata and Manukau harbours – they were the Ngongitepata (which is actually Ngongetepara) and the Whau, which sit to the northeast and the southwest respectively.

According to the report (CFG Heritage, 2019) there were no unrecorded archaeological sites or deposits recorded during the survey. The report also references an archaeological assessment conducted by Farley & Clough (2009) in the neighbouring section 102-104 Hobsonville Road that also found no results. It is worth noting that the nature of archaeology means that the total resource of an area is not known until it is either fully investigated by exploratory means prior to works or uncovered during project earthworks. While there is a low likelihood for potential unrecorded archaeology there remains a possibility. Finally, it must be understood that absence of archaeology does not necessarily equate to absence of cultural activity and cultural value (as shown in the earlier section).



Figure 8: Map showing PPC area showing archaeological sites recorded in the vicinity (source: CFG Heritage, 2019)

5. IMPACT ASSESSMENT

15.0 Potential Direct Impacts

The Proposed Plan Change will have a range of potential adverse and beneficial direct impacts (arising from both construction and operation phases). These include from earthworks, stormwater, removal of vegetation, disturbance to fauna, light pollution and visual or setting impacts arising from bulk of structures within the landscape.

Direct adverse construction impacts will likely include future bulk earthworks that will remove topsoils, alter the contours of Papatūānuku, require the removal of soil from the site and contribute to the risk of sediment runoff (permanent adverse). Impacts will also arise from installation of infrastructure including drainage pipes and crossings (temporary adverse), using existing utilities in the reticulated water network once the Northern Interceptor is operational in 2025-2026 (permanent adverse), discharge of stormwater to the waterways (permanent adverse), minor vegetation and habitat loss through site clearance and earthworks (temporary adverse), direct mortality or injury to less mobile species during site works (temporary adverse), light pollution (permanent adverse), and (low) potential to destroy or modify Māori archaeological sites. Potential direct adverse impacts from the construction of proposed road bridge that will connect the sites to Westpoint Drive on north-east corner of Block 2 (permanent adverse) and the proposed future extension of the wastewater pipe which would be incorporated into the roading link bridge over Rawiri Stream (permanent adverse).

Potential direct beneficial impacts can arise from the retention and enhancement of watercourse (Rawiri and Trig Streams) and small wetland area through a 10m riparian yard, protected by land covenants after being re-planted with native vegetation (permanent beneficial). Provision of pedestrian access through the site to support a walkable catchment concept (permanent beneficial), as well as a proposed park of approximately 4,000sqm (permanent beneficial).

16.0 Potential Indirect Impacts

Potential indirect impacts (arising from both construction and operation phases) include displacement of native fauna (temporary and permanent adverse), construction related noise and vibrations or dust (temporary adverse), construction related sediment and stormwater contaminants (temporary adverse), and plastic particulates, organics or heavy metal contaminants entering waterways from domestic and vehicular activities (permanent adverse).

Potential indirect beneficial impacts include attracting new avian individuals to the area (assuming ecological enhancement works), and thus overall fitness, through weed and pest management and enhancement planting, particularly as trees mature (permanent beneficial). Other potential indirect positive effects could arise from place-naming that could contribute to a growth in understanding of the cultural history of the area.

17.0 Potential Cumulative Impacts

Potential cumulative adverse impacts (arising from both construction and operation phases) include the removal of further productive soils from the landscape (permanent adverse), loss of potential habitats for lizards and bats (permanent adverse), a net increase in urban discharges to the streams and eventually the harbour (permanent adverse), increase in net light pollution (permanent adverse), and slight changes to the character of the cultural landscape through further urbanisation (permanent adverse).

Potential cumulative beneficial impacts include contributing to weed and pest control combined with stream and vegetation enhancement that contribute to the net ecological outcome for the catchment (permanent beneficial), and from reintegrating Māori place names, the PPC could support a walkable catchment concept and the development of a neighbourhood centre (within 400-600m of land).

18.0 Summary of Effects

Specific potential impacts identified as relating to the proposed project are included in Table 2 below:

Table 3: Summary of potential cultural impacts

Name	Summary of impact	Level of Impact	Significance of effect	Proposed mitigation	Residual effect	Offsetting
Te Wai te matā	Direct, indirect, and cumulative temporary and permanent adverse from stormwater discharge carrying sediments and contaminants Potential combined neutral-beneficial impact if stream and ecological enhancement works undertaken and robust stormwater systems in place	Moderate Adverse	Large Adverse	At source options (private tanks or bioretention devices). Communal device options (public bioretention devices outside road reserve). End of pipe options (public wetland or raingarden providing treatment of each stage)	Moderate Adverse if proposed and suggested mitigations agreed	Could be reduced or mitigated through setbacks from the Trig and Rawiri Streams (Waiarohia ō Ngariki awa). Enhancement planting, stream restoration works and robust stormwater systems.
Whenua (Soils)	Direct and cumulative permanent adverse from bulk earthworks and land-use change	Minor	Minor Adverse		Minor Adverse Or Negligible Adverse if suggested mitigation is agreed	Could be reduced or mitigated through achieving a cut-fill balance, reusing soil within the development, ensuring any soil removed from site is redeposited as close as possible within the rohe. Avoiding bulk earthworks in winter. Cultural monitoring opportunities.
Trig Stream (tributary of Waiarohia o Ngāriki)	Direct, indirect, and cumulative temporary and permanent adverse from installation of drainage pipes/infrastructure,	Moderate Adverse	Large Adverse	At source options (private tanks or bioretention devices). Communal	Moderate Adverse if proposed and suggested	Confirmation of proposed mitigation is required, but setbacks from the streams

Name	Summary of impact	Level of Impact	Significance of effect	Proposed mitigation	Residual effect	Offsetting
	discharge of stormwater, construction disturbance to instream features while installing outfalls/infrastructure, new bridge, sediment discharge during construction, increased impervious surfaces and domestic contaminant discharges			<p>device options (public bioretention devices outside road reserve).</p> <p>End of pipe options (public wetland or raingarden providing treatment of each stage)</p> <p>Option to implement on lot rainwater tanks providing a non-potable water supply</p> <p>Use of inert building materials to minimise risk of roof generated contaminants</p> <p>Appropriate GPT to collect runoff from communal bin storage areas</p>	mitigations agreed	<p>combined with a treatment-train approach that does not mix waters/including soil or bio filtration.</p> <p><i>(Note: the site is already set back 30m+ from Trig Stream with neighbouring property between PPC area and stream)</i></p> <p>Stormwater devices be located outside of delineated extent of streams and wetlands.</p> <p>Discharge be first to land, or raingarden and not directly into natural wetland or stream.</p> <p>Ensure well designed erosion control measures.</p>
Rawiri Stream	Direct, indirect, and cumulative temporary and permanent adverse from installation of drainage pipes/infrastructure, discharge of stormwater, construction disturbance to instream features while installing outfalls/infrastructure, sediment discharge during construction,	Large Adverse	Large Adverse	<p>Avoidance of any structures within the stream channel, implementation of sound erosion and stormwater management devices, fish passage</p> <p>Green outfalls will be considered for</p>	Moderate Adverse if proposed and suggested mitigations agreed	An updated ecological assessment of the Rawiri Stream and assessment of effects of the proposed access road crossing should be undertaken.

Name	Summary of impact	Level of Impact	Significance of effect	Proposed mitigation	Residual effect	Offsetting
	increased impervious surfaces and domestic contaminant discharges			<p>discharges to the streams to minimise disturbance</p> <p>In Precinct 2, six communal bioretention devices will be integrated into the public open spaces.</p>		<p>Stormwater devices be located outside of delineated extent of streams and wetlands.</p> <p>Discharge be first to land, or raingarden and not directly into natural wetland or stream.</p> <p>Ensure well designed erosion control measures.</p> <p>The use of a short-span bridge structure to avoid any stream works and maintain flow within the stream and ensure ongoing fish passage</p>
Flora	Direct, indirect, and cumulative temporary adverse from site clearance and earthworks. However, the majority of vegetation to be cleared is pasture grass and occasional cabbage trees on Block 1 with various exotic vegetation along the road. Block 2 is pasture grass with shelter belts consisting of large Pine and fejoa trees and the only <i>native</i> vegetation being māhoe, cabbage trees	Minor Adverse	Negligible Adverse	In 2020-2022 the riparian yard along Rawiri Stream has undergone native revegetation (by Healthy Waters) as part of the industrial development situated along Westpoint Drive.	Neutral - if suggested mitigations are agreed	Ongoing weed and pest management and native enhancement planting, habitat enhancement, avian fitness.

Name	Summary of impact	Level of Impact	Significance of effect	Proposed mitigation	Residual effect	Offsetting
	and pōnga and a few mamaku and karamū.					
Fauna	Direct and indirect adverse impact through earthworks and construction that could include physical harm resulting in injury or death (e.g native lizards during earthworks, birds during earthworks, birds during nesting season) or dislocation via construction disturbance such as noise or removal of trees. Increased (eventual) residential lighting could adversely impact night life and animal activity/behaviour.	Minor Adverse	Negligible Adverse		Neutral - if suggested mitigations are agreed	Light pollution sensitive design should be incorporating into consent conditions, a lizard, bird and bat management plan should be in place during construction, avoidance of removing trees or where possible, replacing these, and cultural monitoring opportunity needed as part of consent conditions
Aquatic Fauna	Direct, indirect and cumulative temporary and permanent adverse from construction disturbance to instream features while installing outfalls/infrastructure, sediment discharge during construction, stormwater and contaminant discharge from roading and private activities (e.g. washing vehicles, spraying round-up) Potential direct and cumulative permanent beneficial from riparian yard protection and enhancement	Minor Adverse	Minor Adverse		Neutral - if suggested mitigations are agreed	Adoption of stream mitigations above Cultural monitoring and fish relocation plan if needed

Name	Summary of impact	Level of Impact	Significance of effect	Proposed mitigation	Residual effect	Offsetting
Māori occupation and use (archaeology)	Direct permanent adverse arising from earthworks or landscape planting removing part or all material of a site, noting however that the likelihood of this occurring is low	Negligible Adverse	Negligible Adverse	Apply Accidental Discovery protocols during earthworks, if discovered works will cease to enable cultural & archaeological investigation and recording	Negligible	
Northwest Waitematā Cultural Landscape	Cumulative permanent adverse arising from further urbanisation, noting however that in this section of the landscape the sensitivity to change is low	Negligible Adverse	Minor Adverse		Minor Adverse Or Neutral if suggested mitigations/offsetting agreed	Enhancement planting will reduce impact by 'softening' the visual impact. Cultural design framework for urban development may also reduce impact. Light pollution sensitive design should be incorporated into consent conditions. Cultural monitoring opportunity needed as part of consent conditions.
Wai-ō-Pareira kāinga	The are no anticipated impacts.	Neutral	Neutral	N/A	Neutral	N/A
Kōpupāka	The are no anticipated impacts.	Neutral	Neutral	N/A	Neutral	N/A
Te Onekiritea	The are no anticipated impacts.	Neutral	Neutral	N/A	Neutral	N/A
Tahingamanu	The are no anticipated impacts.	Neutral	Neutral	N/A	Neutral	N/A
Ngongetepara	The are no anticipated impacts.	Neutral	Neutral	N/A	Neutral	N/A

Name	Summary of impact	Level of Impact	Significance of effect	Proposed mitigation	Residual effect	Offsetting
Treaty settlement redress	The are no anticipated impacts.	Neutral	Neutral	N/A	Neutral	N/A

6. CONCLUSION

The private plan change proposal relates to two separate blocks of land parcels that are legally described as 84 Hobsonville Road (Block 1) and 100 Hobsonville Road (Block 2). The proposal asserts that the rezoning of Block 1 provides an extension to the existing industrial area in the Westpoint Drive area and the Hobsonville Precinct of the AUP(OP). In regard to block 2, the proposal seeks to rezone the land to create a walkable community that will connect with the future development of adjacent land that is also zoned for 'Future Urban' purposes under the AUP(OP). It is noted that future subdivision and development of the Plan Change area will be proposed to yield up to 800m² of retail, 1.33ha of light industrial land and up to 335 additional dwellings.

The site itself comprises gently sloping land that has historically been used for agricultural and horticultural activities and sits within a cultural landscape that is focused on resource extraction and mahinga kai – due to the productive soils in the area. The site and study area are particularly associated with our ancient princess Pareira of whom the bay and kāinga Wai-ō-Pareira (Waipareira Bay) to the east is named, along with the large river Wai ō Pareira, also known today as Henderson Creek. Block 1 is located on the banks of a wide natural gully which drains down to Rawiri Stream. Block 2 is bounded by streams with steep areas occurring in the vicinity of the upper reaches of the Rawiri stream and tributary of Waiarohia ō Ngariki (Trig) stream.

As the proposal is for a plan change, it must give effect specifically to AUP B6.5.2(7) which requires structure plan and plan change proposals to include a cultural assessment that identifies cultural sites and values in the landscape including those that may be suitable for scheduling, and incorporate these values into the plan change.

This report has identified the Site sits within a highly significant cultural landscape of Hikurangi (West Auckland) with a number of sensitive features including the Trig and Rawiri Streams, Waiarohia ō Ngariki awa, Wai ō Pareira awa and kainga and the Waitemata Harbour which is the ultimate receiving environment. Eight (8) significant adverse effects have been identified (3 large adverse and 5 moderate adverse). These adverse effects relate to earthworks, water sensitivity, native flora and fauna, archaeology, and further urbanisation of the cultural landscape. Where significant adverse effects are identified, particularly in relation to RMA Part II matters, plan change and consenting applications should be declined unless the effects can be reduced to non-significant (e.g. minor or less).

It is noted that at this stage information or detail is limited about the contents of a subsequent resource consent(s) which could address some the above matters. However, we consider it appropriate that spatial and outcome-level concerns should be dealt with at the plan change level.

Without further avoiding, remedying, mitigating, offsetting or compensating the significant cultural effects we have identified the application should be declined. However, we recognise the pattern of development in the area has shifted to a largely urbanised form, and our position is not that a medium-density development cannot happen here, but rather that it must happen in a way that reduces the

cultural impacts to minor (or hopefully beneficial) and maintains the overall intent and settings of the existing Precinct, namely the protection and enhancement of the natural environment. To this end, in the absence of existing proposed mitigation, we have offered recommended mitigation and offsetting for each of the impacts.

Our proposed mitigations/offsets are outlined in Table 3 (below). Ongoing engagement with Te Kawerau ā Maki in terms of plan change drafting as well as subsequent consenting and monitoring are required.

7. RECOMMENDATIONS

Table 3: Recommendations and outcome alignment

No	Recommendation	TKaM Strategic Value alignment	IMP policy alignment	Legislative alignment	AUP policy alignment	Other policy alignment
1	Te Kawerau ā Maki do not oppose the proposal provided that the mitigations discussed are incorporated – we desire notice of the outcome of the application and the final consent conditions	Mana Motuhake, Kaitiakitanga	2.2, 4.1.2, 4.2.2, 4.4.2, 4.5.2, 4.7.2, 4.8.2, 4.9.2	RMA Part 2, RMA s88(2)(b), HNZPTA s45, TKAMCSA s12(2b), Te Tiriti Active Protection	B6.2.2(1), Policy B6.3.2(2), B6.3.2(3), B6.3.2(6), B6.5.2(9)	UNDRIP, NPSFW, NZCPS, ICOMOS
2	The adoption of a combination of on-site detention/retention tanks, tree pits/rain gardens, vegetated swales, proprietary devices or other methods such as to develop a secondary or tertiary (three-step) stormwater treatment process for the development	Kaitiakitanga	4.1.2, 4.4.2	RMA Part 2	B6.2.2(1), B6.3.2(2), B6.3.2(3), B6.3.2(6)	NPSFW, NZCPS
3	Preserve as far as practicable the productive capacity or mauri of the soil by achieving a cut-fill balance. We recommend that topsoil (or any clean soil) in order of preference be re-used on site, be re-used in the local area, be re-used or disposed of within Te Kawerau ā Maki rohe (Northern half of Auckland region). We also recommend avoiding winter earthworks.	Kaitiakitanga	4.1.2, 4.7.2	RMA 6(e), 7(a), 8	B6.3.2(1), B6.3.2(2), B6.3.2(6)	UNDRIP
4	Work with us on ecologically sensitive design that incorporates our tikanga, including eco-sourced restoration planting, a 100% native plant commitment (with native fruiting and flowering plants and shrubs) as the default, stock exclusion, habitat enhancement, fish passages, a recommended 'cat free' covenant and a 'new residence	Kaitiakitanga, Mātauranga	4.8.2	RMA 6€, 7(a), 8	B6.2.2(1) (participation), B6.3.2(1),	UNDRIP

No	Recommendation	TKaM Strategic Value alignment	IMP policy alignment	Legislative alignment	AUP policy alignment	Other policy alignment
	kaitiakitanga pack' should be developed to provide guidance for residents around weeds and pests					
5	Work with us on water sensitive design that incorporates our tikanga, noting the importance of not mixing waters and soil and plant filtration, stormwater recycling, not building within natural flood plains, only undertaking earthworks in dry months, and giving effect to Mana ō te Wai, and including elements such as riparian planting buffers. Particularly in regards to the road bridge link and wastewater extension.	Kaitiakitanga, Mātauranga	4.8.2	RMA 6(e), 7(a), 8	B6.2.2(1) (participation), B6.3.2(1)	UNDRIP
6	That a native fauna management plan be prepared to address the construction and long-term protection of native birds, bats, lizards and freshwater species	Kaitiakitanga	4.8.2	RMA 6(e), 7(a)	B6.2.2(1), B6.3.2(2), B6.3.2(3)	NZCPS
7	If archaeological material is encountered obtain a HNZPTA authority and include TKaM in cultural monitoring – any cultural material found on site should be reinterred into the Site	Mana Motuhake, Mātauranga Māori, Kaitiakitanga	2.2, 4.9.2	RMA Part 2 (6(e)), HNZPTA 45	B6.2.2(9)	UNDRIP, ICOMOS
8	Work with Te Kawerau ā Maki on incorporating our wāhi tohu and history into the development through things like street naming, park/reserve naming and interp	Mana Motuhake, Mātauranga Māori, Kaitiakitanga	2.2, 4.9.2	RMA Part 2 (6(e)), HNZPTA	Policy B6.5.2(9)	UNDRIP, ICOMOS
9	Te Kawerau ā Maki are afforded the opportunity (and resourced) to undertake a site visit during the construction phase to examine controls	Kaitiakitanga	(s4.2.2(2))	RMA 6(e), 7(a)	B6.2.2(1), B6.3.2(2), B6.3.2(3)	
10	Opportunity for cultural ceremonies (e.g. sod-turning) should be provided at the expense of the Client	Kaitiakitanga	2.2	RMA 6(e), 7(a), 8	B6.2.2(1) B6.3.2(1)	UNDRIP
11	Given this is a plan change we require engagement on the formulation of any precinct provisions or introductory text					
12	We have identified that Waiarohia ō Ngariki is a site of significance that should be scheduled – the plan change should either adopt the scheduling of the length of the awa that adjoins a boundary, or					

No	Recommendation	TKaM Strategic Value alignment	IMP policy alignment	Legislative alignment	AUP policy alignment	Other policy alignment
	support a future Council-initiated plan change to do so.					




Ashleigh McDonald
 Kaiārahi Taiao – Environment Lead
 M: 02102524025
 E: ashleigh.mcdonald@tekawerau.iwi.nz
 Level 3 Henderson Civic Building
 1 Smythe Road Auckland 0612
 www.tekawerau.iwi.nz