W GUMBLEY LTD.
ARCHAEOLOGISTS

Warren Gumbley
Principal/Director

PO Box 7108, Hamilton East, Hamilton 3247
cell 027 471 2165 **landline** 07 856 9071
email warren@archaeologist.co.nz

Archaeological Management Plan:

S15/573, Duncan Road, Pukeroro, Waikato.

Dr Warren Gumbley

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Contents

1 Purpose....1

2 Actions....3
2.1 Management of the part of S15/573 to be preserved....3
2.2 Archaeological investigation....3
2.3 Archaeological monitoring....3

3 Roles and Responsibilities....4
3.1 Contractors and Subcontractors....4
3.2 Project Archaeologist....4
3.3 Authority Holder....5

4 Protocols and Procedures....5
4.1 5.1 Archaeology instruction for construction crew....5
4.2 Incidental Finds Protocol....6
4.3 Koiwi (human remains) Protocol....7

5 Contacts....8

1 Purpose

1.1 The purpose of this document is to guide the management of the archaeological site S15/573 during the development of the Waikato Thoroughbred Racing Greenfields Hub at Pukeroro, Waikato.

1.2 This document is required by Heritage New Zealand Pouhere Taonga (HNZPT) as a reference document to provide operational guidelines and procedures for day-to-day activities that may affect the archaeological sites and archaeological material during the development of the affected lots by the proposed development.

1.3 The plan includes protocols and standard operating procedures to guide both planned activities and unforeseeable situations, such as the incidental discovery of human remains (koiwi) or other archaeological deposits (taonga) where the archaeologist is not present. It should be read in conjunction with the Archaeological Mitigation and Research Strategy (Gumbley, March 2026).

1.4 The anticipated audience of this plan is:

- Waikato Tainui and hapū,
- Development surveyors,
- Construction contractors,
- Construction workers/on-site crews,
- Archaeological personnel,
- HNZPT,

1.5 The plan has been prepared to accompany an archaeological authority application under the Heritage New Zealand Pouhere Taonga Act 2014 to destroy part of the archaeological site S15/573 within the development footprint (Figures 1 & 2). The site includes the remains of pre-European Māori horticultural activity and possibly associated domestic activities.

1.6 The northwestern part of the site will be preserved by means of a covenant to control activities in that area. The southeastern part of the site will be subject to archaeological investigation prior to the development of the back track and residential housing.

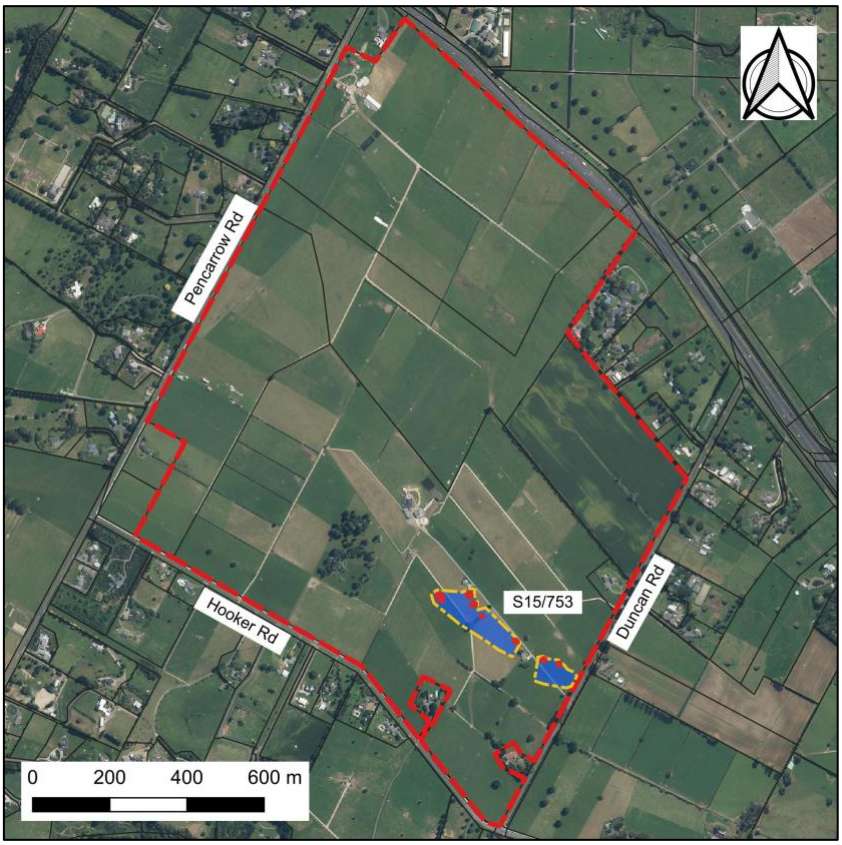


Figure1: Map showing the project extent (red dashed line), the identified extent of the archaeology (blue fill)

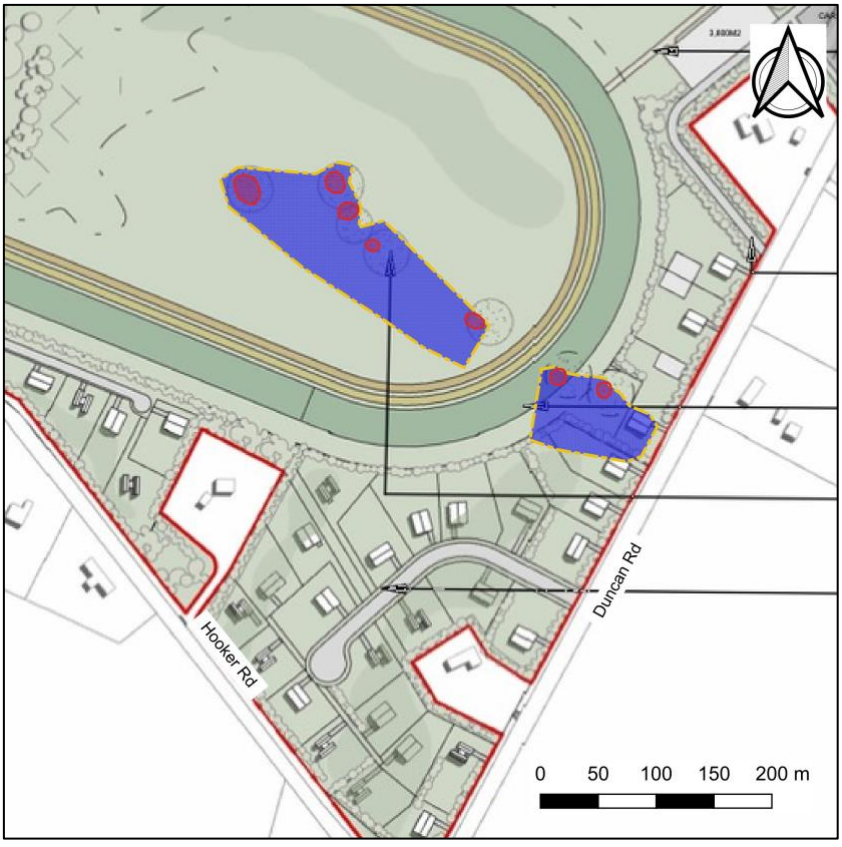


Figure 2. The identified extent of S15/573 overlaid on the development master plan (dated 18/8/2026).

2 Actions

2.1 Management of the part of S15/573 to be preserved

a) Currently, the extent of archaeological deposits at S15/573 has been estimated based on limited survey work conducted using a soil auger. The purpose of this work was to determine the presence of archaeological deposits and their approximate extent for the purpose of assessing the site's archaeological significance. To ensure that the part of the site to be excluded from development and preserved is respected and remains undamaged during development work, its extent must be accurately defined. This will require further archaeological investigation, which may involve remote sensing (such as ground-penetrating radar or geomagnetic survey) or physical investigation (such as soil auger survey, shallow hand-dug test pits).

b) Once the extent of the archaeological deposits to be preserved is clearly defined, the area should be enclosed with a fence for the duration of the development work to prevent damage. The position of the fence should be decided by the project archaeologist.

2.2 Archaeological investigation

The following outlines a strategy to mitigate the destruction of the southeastern portion of S15/573 caused by track and residential development. The strategy is detailed in the Archaeological Mitigation and Research Strategy (Gumbley, August 2026). In summary, the following is proposed:

Archaeological investigations will be undertaken and completed in two stages prior to development work commencing:

1) Initial trenching of the area affected to determine the level of preservation and distribution of horticultural soils and associated features across the affected allotments. This phase is being carried out to target parts of the sites most useful in addressing research outcomes.
2) Principal investigation stage: This will take the form of detailed archaeological investigations of the parts identified as having the highest potential to address research outcomes.

The investigations will provide information on the nature and extent of the archaeological sites and how they relate to the wider archaeological landscape of the Waikato Basin, and will form a paper record of the sites that were destroyed.

2.3 Archaeological monitoring

At the discretion of the project archaeologist, archaeological monitoring of topsoil stripping will be carried out following the initial investigation phase and during earthworks across the

development footprint. The strategy is detailed in the Archaeological Mitigation and Research Strategy (Gumbley, August 2026).

Any archaeological evidence encountered during the earthworks will be recorded and analysed in accordance with accepted archaeological practice. This may require halting work in areas where archaeological evidence is found while the archaeologist completes recording and sampling.

3 Roles and Responsibilities

3.1 Contractors and Subcontractors

Contactors involved in the project have the following responsibilities regarding archaeological material:

- The contractor and/or authority holder will contact the project archaeologist at least one week prior to the commencement of earthworks.
- To make available whatever machinery (e.g. excavator with flat-bladed bucket) is needed by the archaeologist.
- Earthworks within the area designated for archaeologist monitoring will only be undertaken under the supervision of an archaeologist.
- To facilitate archaeological recording, works will cease in areas identified by the project archaeologist or their representative until the archaeologist has completed this work to their satisfaction.
- If any material or features that are suspected to be archaeological (as per the site briefing by the archaeologist) are encountered when the archaeologist is not present, the contractor will stop work and contact the project archaeologist immediately, as per the incidental finds protocol.

3.2 Project Archaeologist

The project archaeologist will oversee the investigations and monitoring with such assistants as are required.

The key responsibilities of the archaeologists are as follows:

- Prior to the commencement of earthworks, the archaeologist shall provide an on-site briefing to contractors regarding the archaeological work required as a condition of the authority granted by HNZPT; and
- The investigation and recording of archaeological deposits shall be conducted in a professional and expeditious manner to ensure the accurate recovery of archaeological information and to minimise delays to the project.

3.3 Authority Holder

- The Authority Holder must ensure that allowance is made in the work schedule for any required archaeological work. This shall be determined in consultation with the project archaeologist.
- The Authority Holder shall maintain contact with the project archaeologist throughout all stages of the project and provide adequate contact regarding the timing of each stage.
- To develop a covenant to protect the northern part of archaeological site S15/573 located inside the back track. This shall be done in partnership with mana whenua and input from the project archaeologist to ensure long-term protection and effective management of the archaeological remains.
- The Authority Holder is referred to the Authority for further details of their responsibilities regarding notifying HNZPT of the dates for the works, lodging copies of the final report, and meeting the costs of the required archaeological work.

4 Protocols and Procedures

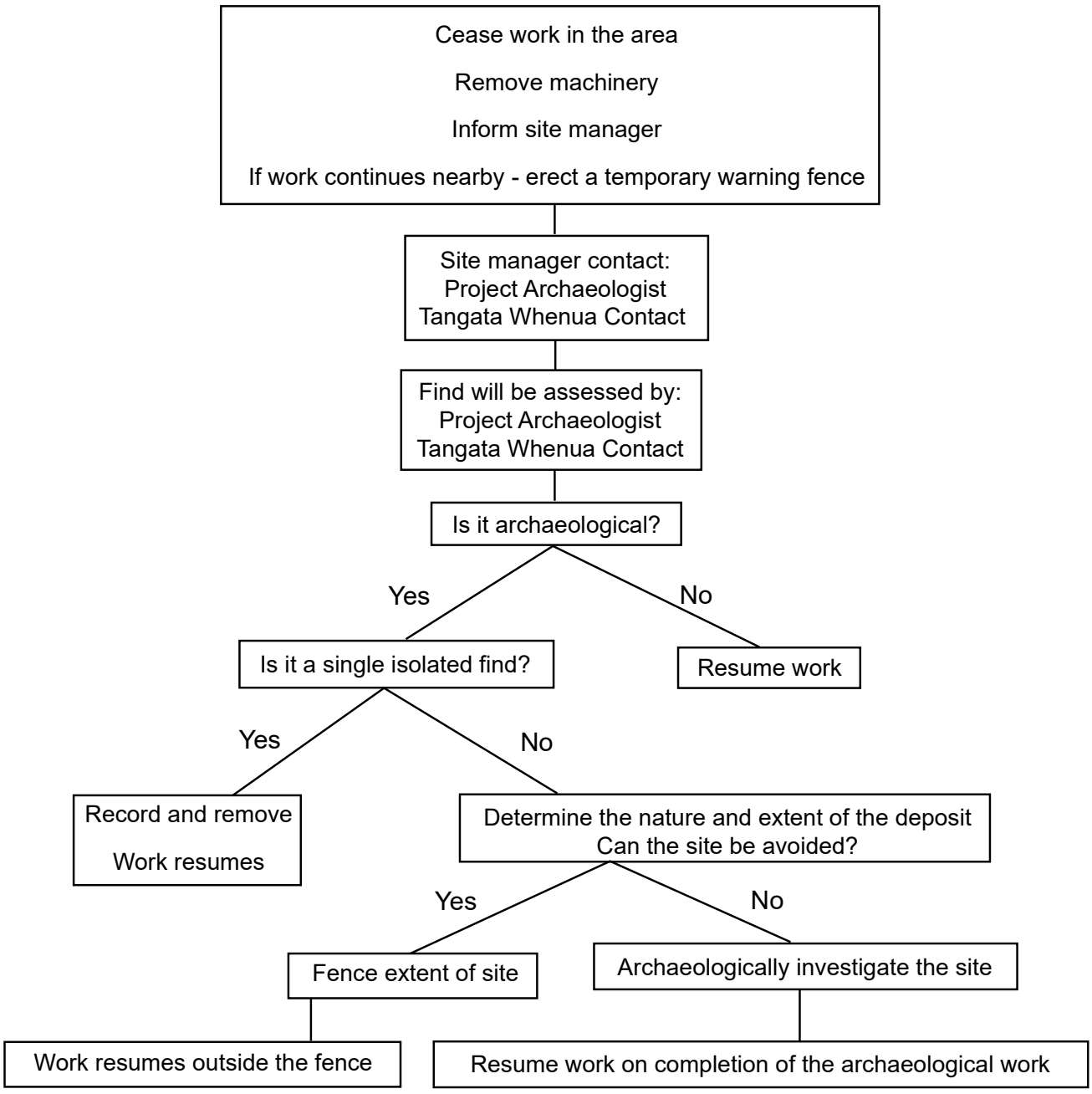
4.1 5.1 Archaeology instruction for construction crew

Since it is not always possible to anticipate the presence of archaeological deposits, especially single artefacts or burials (koiwi), it is important that an archaeologist and a representative of tangata whenua, on archaeological and cultural issues and related protocols, brief appropriate construction crews. These will include:

- Incidental finds protocol (refer to page 7)
- Koiwi (human remains) protocol (refer to page 8)

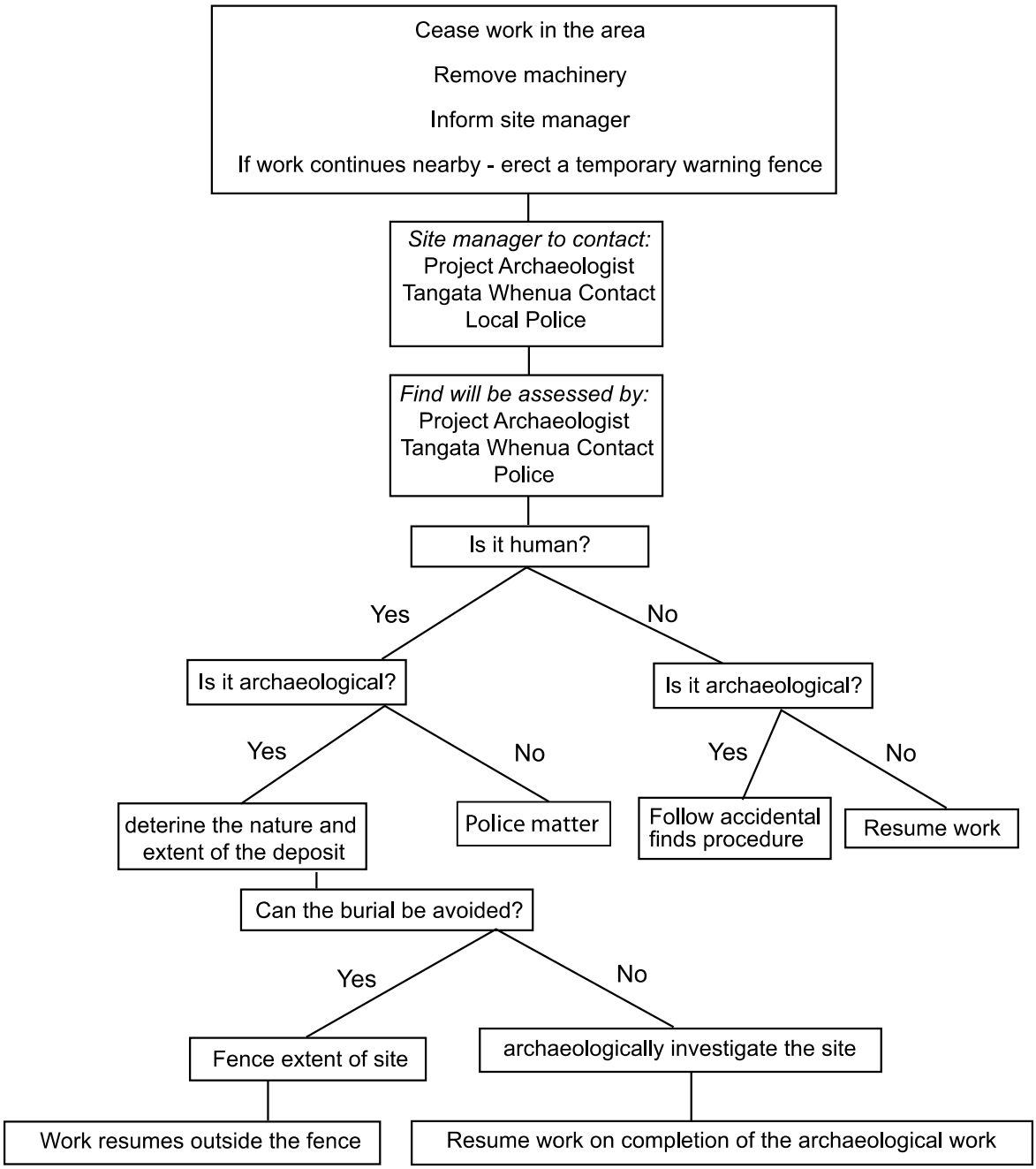
4.2 Incidental Finds Protocol

If a suspected archaeological deposit is found the following protocol shall apply:



4.3 Koiwi (human remains) Protocol

If suspected human remains are found the following protocol shall apply:



5 Contacts

Role	Name	Contact Phone
Developer		
Project Manager		
Project Archaeologist	Warren Gumbley	027 4712165
Tangata whenua contact(s)		