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 48 Lake Road Narrow Neck Auckland 0624

## HISTORIC HERITAGE MONITORING LOG

Project	Location	Attendees	Date	H & S Briefed?
36 Sandspit Road	36 Sandspit Road		13/01/2022	Yes
Resource Consent: LUC60329586	Warkworth	John Brown (Plan.Heritage Limited)		13/01/2022
Exploratory Works	Auckland	Chris Davies (GeoSciences Ltd)		
AUPOP ref id 569		Mate (Machine Driver)		
Archaeological Authority (2021/753: R09/2240).		Charlotte Judge (archaeological team)		
		Denis Horner (visit)		
<b>Summary Purpose:</b>				
<ul style="list-style-type: none"> <li>Daily Monitoring log</li> <li>Review next steps for project and timeline</li> </ul>				
<b>New Actions:</b>				
<ul style="list-style-type: none"> <li>This log shall be provided to the Council (Compliance Monitoring), as per Conditions of the consent</li> </ul>				
<b>General Comments:</b>				
<p><u>Resource Consent: LUC60378963</u></p> <p>The record for this visit is in Table 1 (below) and log for the on-going compliance with the conditions of this consent are in Table 2 (below).</p> <ul style="list-style-type: none"> <li>Site traffic route control measures were established, and ground sheets laid out for spoil locations in the scheduled area</li> <li>Trenches 1 to 9 were excavated. Some minor variations to locations was adopted to allow for avoidance of tree driplines, tree stumps etc.</li> <li>Trenches 9, 8, 7, 6 and 1 were planned and recorded</li> <li>Trenches 9, 7, 2, 3, 4 and 5 exposed only natural soils (Table 1)</li> <li>Trench 6 revealed compacted limestone chips and some loose surface artefacts (metal, brick, glass). This is initially interpreted as the base foundation for the tramline and could be seen in plan to extend one the same alignment as the existing earthworks cut. To avoid potential damage to this feature where the accessway narrowed, the trench was excavated for a length of 5m, rather than 10m.</li> <li>All exploratory trenches are to be surveyed by Buckton surveyors, to confirm 'as dug' locations</li> </ul>				

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- Geotechnical trenches remaining in scheduled area to be excavated on Friday.
- Arranged for Mic Plowman to visit site on Friday at 12:30pm to certify trench locations and approve backfilling

Archaeological Authority (2021/753: R09/2240). Pre-start meeting 12/01/2022 and subsequent briefing to Machine operator 13/01/2022. Earthworks commenced 13/01/2022 after the authority appeal period was completed.

- Trench 10 to be excavated on Friday
- All exploratory trenches to be surveyed by Buckton Surveyors on Friday.

### **Built Heritage Construction Management Plan**

The Combes Daldy Limeworks Site and extent of place is a scheduled Historic Heritage Place on the AUPOP (ref ). A copy of the BHCMP and resource consent heritage conditions must be kept on site:

Brown A. and J Brown December 2021. Combes/Daldy Limeworks 36 Sandspit Road, Warkworth, Auckland: Archaeological Investigation Strategy and Historic Heritage Management Plan; Authority 2021-753. LUC60378963. Revision 2 Plan.Heritage Ltd report prepared for the Kilns Limited.

### **Archaeological Works Management Plan (HNZ)**

The Combes Daldy Limeworks site is a recorded archaeological site under the HNZPTA. A copy of the Authority and AWMP must be kept on site:

Brown. A. May 2021 (updated 02/06/2021). Combes/Daldy Limeworks 36 Sandspit Road, Warkworth, Auckland: Archaeological Investigation Strategy. Plan.Heritage Ltd report prepared for the Kilns Limited

All works must be carried out in accordance with these documents, as per the conditions of the consent/authority.

Please contact the consent/authority holder's nominated heritage specialists (Plan.Heritage Ltd.) for advice at any stage of the project.

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Trench 8 – shifted to W to pick up line of (probable) water pipes confirmed in relation to previous GIS signal

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T01 – Service cut on same alignment as previously identified probable water pipes. The date of the pipes is uncertain, but they appear to be established after the tramline has gone out of use.

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(T06) a base of crushed limestone chips, with occasional loose surface artefacts (metal nails and spikes, wood, glass fragments, oyster shells, bone and brick). This is initially interpreted as the base foundation for the tramline, and appears to follow the same alignment as the earthworks feature

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**Table 1. Monitoring Photographs and/ or Matters addressed**

Matter	Subject	Image	Comment	Action	Action Date	Owner	Actioned
Exploratory	Trench 01 –		Outside scheduled area Services trench (historical) observed	Certified to be backfilled by M Plowman	14/01/2022	Kilns Ltd.	TBC
Exploratory	Trench 02 –		Outside scheduled area natural soils only observed	Certified to be backfilled by M Plowman	14/01/2022	Kilns Ltd.	TBC


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Matter	Subject	Image	Comment	Action	Action Date	Owner	Actioned
Exploratory	Trench 03 –		natural soils only observed certified to be backfilled by M Plowman	Certified to be backfilled by M Plowman	14/01/2022	Kilns Ltd.	TBC
Exploratory	Trench 04 –		natural soils only observed certified to be backfilled by M Plowman	Certified to be backfilled by M Plowman	14/01/2022	Kilns Ltd.	TBC
Exploratory	Trench 05 –		natural soils only observed certified to be backfilled by M Plowman	Certified to be backfilled by M Plowman	14/01/2022	Kilns Ltd.	TBC

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Matter	Subject	Image	Comment	Action	Action Date	Owner	Actioned
Exploratory	Trench 06-		Archaeological deposit observed to be protected with Geotextile fabric certified to be backfilled by M Plowman	Certified to be backfilled by M Plowman	14/01/2022	Kilns Ltd.	TBC
Exploratory	Trench 07 –		natural soils only observed certified to be backfilled by M Plowman	Certified to be backfilled by M Plowman	14/01/2022	Kilns Ltd.	TBC
Exploratory	Trench 08 –		Probable water pipe observed w end (historical) certified to be backfilled by M Plowman	Certified to be backfilled by M Plowman	14/01/2022	Kilns Ltd.	TBC



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Matter	Subject	Image	Comment	Action	Action Date	Owner	Actioned
Exploratory	Trench 09 –		natural soils only observed certified to be backfilled by M Plowman	Certified to be backfilled by M Plowman	14/01/2022	Kilns Ltd.	TBC
Exploratory	Trench 10 –	N/A	TBC	Outside Scheduled Area	14/01/2022	Kilns Ltd.	TBC
Exploratory - Geotechnical	Trench 11 –	N/A	TBC	Geotech team to agree	14/01/2022	Kilns Ltd.	TBC
Exploratory - Geotechnical	Trench 12	N/A	TBC				

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**Table 2. Monitoring log against relevant heritage consent conditions**

The consent conditions (LUC60329586) relevant to this monitoring log are set out in the HHMP. The relevant section of the HCMP where each condition is addressed is identified. Progress against the consent conditions at the time of the inspection are logged in the far right column.

Condition No.	Condition wording	Relevant section of HCMP	Log of progress
1.	This consent shall be carried out in accordance with the documents and drawings and all supporting additional information submitted with the application, detailed below, and all referenced by the council as resource consent number LUC60378963.	This document as a whole	Completed
4	The Consent Holder shall engage a suitably qualified and experienced heritage specialist or team of specialists (referred to in these conditions as 'the nominated heritage specialist(s)') to supervise all heritage related works, to ensure that the activities authorised under this consent are carried out in accordance with these conditions. The name and qualifications of this specialist(s) shall be provided to the Council prior to any works commencing on the site.	Section 3.2	Completed
5	At Least 10 working days prior to the commencement of any activity authorised by this consent, the Consent Holder shall provide a Historic Heritage Management Plan (HHMP), prepared by the nominated heritage specialist(s), to be certified by the Council.	This document as a whole	Completed
6	No pre- or post-1900 archaeological deposits / historic heritage sites or places shall be damaged, or destroyed by any activity authorised by this consent, in accordance with the HHMP certified in condition 5 above and Historic heritage.	This document as a whole Appendix 1	Completed
7	The Consent Holder may make changes or updates (either following a request from the council or on its own volition) to the HHMP at any time prior to, or after the commencement of the works, on the historic heritage place authorised by this consent.	This document - Revision 2, and any subsequent revision	Completed
8	Any subsequent update of the HHMP shall be submitted to the Council for re-certification. Works relating to the activity subject to change shall not be carried out until the amended HHMP has been re-certified following the procedures set out in conditions 5 and 6.	This document - Revision 2, and any subsequent revision	Completed
9	The Consent Holder shall meet the costs of the production, certification, monitoring, and any review of the HHMP.	This document - Revision 2, and any subsequent revision	Completed

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Condition No.	Condition wording	Relevant section of HCMP	Log of progress
10	The nominated heritage specialist(s) shall record and log any historic heritage discovery and on-going compliance with the conditions of this consent. This log forms part of the Historic Heritage Archive and shall be provided to the Council according to the reporting schedule in the certified HHMP, or upon request.	See Appendix 2 for a log example Section 5 for reporting schedule	This record - completed
11	Ground reinstatement after land disturbance authorised by this consent will occur as soon as practical once all necessary testing, soil sampling or recording has taken place, in agreement with the Council.	Section 4.3	TBC – trenches certified on 14/01/2022 by Mica Plowman
13	At the completion of the works authorised under this consent, the consent holder shall submit a report to the Council that includes the log required by Condition 10 and certifies that all works that have been completed in accordance with the requirements of this consent. The report shall be prepared by the nominated heritage specialist(s).	Section 5.1	This record - compliant
14	Electronic copies of all historic heritage reports relating to historic heritage investigations (evaluation, excavation and monitoring etc.), including any interim reports, shall be submitted to the Council according to the reporting schedule in the certified HHMP.	Section 5.1	TBC - compliant
15	If at any time during site works, potential koiwi (human remains), archaeology or artefacts are discovered, then the following discovery protocol is to be followed: <ul style="list-style-type: none"> <li>• All earthworks will cease in the immediate vicinity (at least 10m from the site of the discovery) while a suitably qualified archaeologist is consulted to establish the type of remains.</li> <li>• If the material is identified by the archaeologist as human, archaeology or artefact, earthworks must not be resumed in the affected area (as defined by the archaeologist). The consent holder must immediately advise the Council, Heritage New Zealand Pouhere Taonga and Police (if human remains are found) and arrange a site inspection with these parties.</li> <li>• If the discovery contains koiwi, archaeology or artefacts of Maori origin, representatives from Ngai Tai ki Tamaki are to be provided information on the nature and location of the discovery.</li> <li>• The consent holder shall not recommence works until approved by the Council.</li> </ul>	Section 4.5	No human remains recorded.  No archaeology of Māori origin identified  Compliant