Collaborating Across Borders: ANZAC Gallipoli Archaeological Database (AGAD)

MICHELLE NEGUS CLEARY & PETER NEISH
UNIVERSITY OF MELBOURNE
Anzac Gallipoli Archaeology Database

WELCOME TO THE ANZAC GALLIPOLI ARCHAEOLOGY DATABASE

This database has been developed from the Joint Historical-Archaeological Survey (JHAS) project and allows you to browse or search over 2000 archaeological records from the Gallipoli Peninsula. Click an example below, or choose Search or Browse.

Metal Container
Artefact no. 141. Metal container - pannikin found in a dugout/rent area. Half circle or D shaped; has ears on either side (possibly for this strap). Four hinged petals equally spaced around (two on sides are vertical and ones on front and back are horizontal).

Barbed Wire
Artefact no. 178. Two pieces of barbed wire, originally one (broke apart after removal). Could have been swept down the waterfront from above. First section has three intertwined strands and second section has two. Double helix strand intertwined type.

Glass Fragments
Glass shreds x 95 from a single bottle. Dark green, clear glass with no opalisation and very clean breaks. The fragments vary in thickness. The bottle neck and rim shreds are more intact than the body and base shreds. The neck was bulbous or bulbous and the body was a cylinder style. A liquor or alcohol bottle typical of UK styles.

Belt Buckle
Belt buckle. Bronze. Black oxidisation. Some blue staining or colouring on one area. Has moulded writing "PRIMA" (Latin alphabet). Repeating guilloche pattern evident on the central arm. Metal support inset 1.6cm into rectangular structure.
ANZAC Gallipoli Archaeological Database

➢ A key resource for academics, amateur historians, and the general public
➢ No other online database of WW1 material culture currently exists
➢ An extensive catalogue of all artefacts and features recovered during the 2010 – 2014 surveys
➢ Forms a well-documented archive of artefacts and features from accurately recorded archaeological contexts
➢ Includes descriptions, dimensions, photographs and maps
➢ Ties into the JHAS research outputs (book and exhibition)
Joint Historical-Archaeological Survey (JHAS)
Surveys of the Gallipoli battlefield:
➢ Using archaeological techniques to document the remains of the best preserved World War 1 battlefield.
➢ Aims to identify and record sites and features of significance to Australian, New Zealand, and Turkish forces during the 1915 campaign.
➢ Integration of archaeological techniques, methods and analysis with historical data.
➢ To record and conserve material culture associated with the 1915 campaign that is visible on the ground surface.
➢ A cultural heritage assessment of the battlefield a century after the conflict.

The ANZAC Gallipoli Archaeological Database (AGAD) is a digital catalogue of all features, finds and sites documented by the JHAS Gallipoli survey project from 2010 – 2014.
Collaboration

JHAS Project:
Tri-national collaboration
- Australia
- Turkey
- New Zealand

Inter-disciplinary:
- Archaeologists
- Historians
- Geophysicists
- Heritage Managers
- Resource management agencies
- Government agencies
- Universities

The Joint Historical and Archaeological Survey
- Mithat Atabay
- Reyhan Körpe
- Muhammet Erat
- Simon Harrington
- Richard Reid
- Ian McGibbon
- Rebecca Fleming
- Cliff Ogleby
- Antonio Sagona
- Chris Mackie
- Jessie Birkett-Rees
- Sarah Midford
- Michelle Negus
- Cleary
- Abby Robinson
- Guillermo Narsilio
Features

- **Earthworks:**
  - trenches
  - tunnels
  - terraces
  - dugouts, pits, & alcoves
  - strategic positions

- **Artefacts:**
  - ordnance
  - ceramics
  - metal items, tools and containers
  - glass containers and periscope glass
  - bricks, barbed wire, personal & utility items

- **Other:**
  - e.g. water tanks, a boat, pre- and post-1915 structures

- **Post-1915 cemeteries and monuments**
Artifact No: T78
Feature Type: Terrace
Survey Date: 20/09/2013
Location: Matiu's Terrace
Period: 1915
Nationality: New Zealand
Significance: High
Priority: High
Easting: 435737
Northing: 493442
Associated Features: 1996.1, F976.3, F976.4
Artifact type: Ordinance
Artifact Photo No: 207.6
Artifact material: Ceramic, Glass, Metal, Stone, Other
Length1: 1660
Width1: 220
Depth1: 110
Depth type: Photo
Depth1: Photo
Earthwork Attributes: 4-U-shaped, 6-Shadow, 3-Horizontal, 1-Vertical, 3-Indistinct, 2-Indistinct
Description: Maloan's Terrace 6. Located immediately downslope (south) from Terrace 5. This was a long, thin, rectangular, terraced and gently sloping area cut into the hill slope on the western side of the ridge behind Quin's Post. Characterised by very overgrown thick vegetation of scrub and shrubbery with leaf litter covering the ground surface. There are some modern plastic rubbish here. All terraces are located behind Quin's Post (F976.1, F976.2, F976.3, F976.4, F976.5, F976.6). Field photo: looking north 146–154, looking towards Dead Man's Ridge from the north end of Maloan's Terrace 6.
Photographs 146-154 taken looking north.
Photographs 155-157 looking at Dead Man's Ridge from north end of Maloan's Terrace 6.
Site Access: Difficult access down steep, heavily vegetated slope behind (e. west side) of Quin's Post Cemetery.
Condition Comment: Preservation: good. This area is located on the side of a steep slope covered in thick, high vegetation and scrubs. There is some modern plastic and metal rubbish (bottles, wrappers, litter).
<table>
<thead>
<tr>
<th>Feature Type</th>
<th>Location</th>
<th>Artefact Type</th>
<th>Artefact Material</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcove</td>
<td>57th Regiment</td>
<td>Barbed wire</td>
<td>Ceramic</td>
<td>Post-1915</td>
</tr>
<tr>
<td>Artefact</td>
<td>Baby 700</td>
<td>Brick</td>
<td>Concrete</td>
<td>c. 1915</td>
</tr>
<tr>
<td>Artefact Scatter</td>
<td>Battlefield general</td>
<td>Ceramic sherd</td>
<td>Glass</td>
<td>Pre-1915</td>
</tr>
<tr>
<td>Boat</td>
<td>Boundary</td>
<td>Glass shard</td>
<td>Leather</td>
<td>Modern</td>
</tr>
<tr>
<td>Boundary Marker</td>
<td>Coastal area</td>
<td>Glass periscope</td>
<td>Metal</td>
<td>Early Modern</td>
</tr>
<tr>
<td>Carpark</td>
<td>Courtney’s Post</td>
<td>Lithic</td>
<td>Stone</td>
<td>Medieval</td>
</tr>
<tr>
<td>Cemetery</td>
<td>Embarkation Pier</td>
<td>Metal container</td>
<td>Textile</td>
<td>Early Medieval</td>
</tr>
<tr>
<td>Dugout</td>
<td>German Officer’s</td>
<td>Metal fragment</td>
<td>Other</td>
<td>Late Antique</td>
</tr>
<tr>
<td>Monument</td>
<td>Holly Ridge</td>
<td>Ordnance</td>
<td>Antique</td>
<td></td>
</tr>
<tr>
<td>Pathway</td>
<td>Johnston’s Jolly</td>
<td>Personal Item</td>
<td>Classical</td>
<td></td>
</tr>
<tr>
<td>Pit</td>
<td>Lone Pine</td>
<td>Shrapnel</td>
<td>Iron Age</td>
<td></td>
</tr>
<tr>
<td>Road</td>
<td>Malone’s Terraces</td>
<td>Tile</td>
<td>Late Bronze Age</td>
<td></td>
</tr>
<tr>
<td>Strategic Position</td>
<td>The Nek</td>
<td>Utility item</td>
<td>Middle Bronze Age</td>
<td></td>
</tr>
<tr>
<td>Structure built</td>
<td>Pope’s Hill</td>
<td>Other</td>
<td>Early Bronze Age</td>
<td></td>
</tr>
<tr>
<td>Terrace</td>
<td>Quinn’s Post</td>
<td>Unknown</td>
<td>Chalcolithic</td>
<td></td>
</tr>
<tr>
<td>Trench</td>
<td>Seaview Terrace</td>
<td></td>
<td>Neolithic</td>
<td></td>
</tr>
<tr>
<td>Tunnel</td>
<td>Sill Spur</td>
<td></td>
<td>Palaeolithic</td>
<td></td>
</tr>
<tr>
<td>Water tank</td>
<td>Turkish Quinn’s</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well</td>
<td>Walker’s Ridge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>Weir Ridge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>more...</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Belt buckle. Bronze. Black oxidation. Some blue staining or colouring on one area. Has moulded writing: “PRTM” (Latin alphabet). Repeating guilloche pattern evident on the central arm. Metal support inset 1.5cm into rectangular structure. Possibly British manufacture. Surface find on eroded surface below bushes and at top of ridge together with bullet cartridge cases A754 and A765. All collected. Measurements - Length 2: length of prongs.
Circular metal object. Screw thread visible around exterior. Raised nub on top of disk indicates that there was once a handle or attachment that has now corroded away. Linear groove apparent across base of disk. Ferrous oxidation. Central component of disk more corroded than other parts. Measurements - Length: diameter; Depth: depth not including nub.
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**Metal container**
Artefact no. 141. Metal container - pannikin found in a dugout/crest area. Half-circle or D-shaped. Has eyes on either side (possibly for thin strap). Four hinged elements equally spaced around (two on sides are vertical and ones on front and back are horizontal).

**Barbed Wire**
Artefact no. 178. Two pieces of barbed wire, originally one (broken after removal). Could have been swept down the watercourse from above. First section has three intertwined strands and second section has two. Double helix strand intertwined type.

**Glass Fragments**
Glass sherds x 95 from a single bottle. Dark green, clear glass with no opalisation and very clean breaks. The fragments vary in thickness. The bottle neck and rim sherd are more intact than the body and base sherds. The neck was bulbous or bulbous and the body was a cylinder shape. A liquor or alcohol bottle typical of UK styles.

**Belt Buckle**
Belt buckle. Bronze. Black oxidation. Some blue staining or colouring on one area. Has moulded writing: "PRIN" (Latin alphabet). Repeating guilloche pattern evident on the central arm. Metal support inset 1.5cm into rectangular structure.
Survey locations
<table>
<thead>
<tr>
<th>Title/Name</th>
<th>Artefact Type</th>
<th>Order by:</th>
<th>Feature</th>
<th>Artefact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Artefact</strong> Metal container</td>
<td>Metal container</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metal food can fragments x 8. Includes a fragment of circular lid or base, and three fragments with rims - rolled rims with ...</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Artefact</strong> Personal item</td>
<td>Personal item</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metal button. Circular, metal button with flat back and bright green oxidation. The front is domed and is almost completely ...</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Grave</strong> Grave of 'Bill', the Australian Light Horse. It has a Commonwealth War Graves marker. Located behind (east) of the Commonwealth ...</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Strategic Position</strong> Small, hollowed-out depressions used as firing positions at the corners/bends in trench F971. Located at the end of trench ...</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Strategic Position</strong> Strategic position at eastern end of trench F976. Overlooks the gully to the east. Elevation 102.516m ASL.</td>
<td>Strategic Position</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trench</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Artefact Personal Item

**Feature ID:**
966

**Artefact No.:**
1093

**Artefact Type:**
Personal item

**Survey Date:**
17 September 2014

**Location:**
No.1 Outpost

**Period:**
c.1915

**Area Nationality:**
ANZAC

** Deployed By:**

**Length (cm):**

**Width (cm):**

**Preservation:**

**Associated Feature:**

**Material:**
Metal

**Photographed:**
Yes

**Description:**
Metal button. Circular, metal button with flat back and bright green oxidation. The front is domed and is almost completely intact with writing around the outer edge: "...ZEALAND FORCES." There are two stars in the centre, under the word "ZEALAND." The button is 1.7cm in diameter x 0.5cm thick. On the reverse is a metal shank, 0.5cm diameter x 0.15cm thick, for affixing it to clothing. There is also writing visible on the reverse side that is partially discernible: "... & SON Ltd." Found on the side of a modern track cut into the base of the western-most point of the No.1 Outpost.
<table>
<thead>
<tr>
<th>Title/Name</th>
<th>Order by: Feature</th>
<th>Artefact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Artefact</strong> Metal container&lt;br&gt; Metal fragments x 10. Food can, Bally beef tin. Ferrous oxidation. Found in alluvial deposit (F769). Measurement taken of...</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Artefact</strong> Barbed wire&lt;br&gt; Barbed wire. Double helix twisted. Short, four-pronged barbs. British. Ferrous oxidation. Found embedded in exposure of alluvial...</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Artefact</strong> Bricks&lt;br&gt; Brick fragment. Handmade. Orange-red colour with a wide, shallow frog. Raised partial letters evident in frog</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Other</strong>&lt;br&gt; Alluvial deposit. Washed down from slope above. Pale grey silty clay. Small water-worn pebbles. Deposit of several artefacts...</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Trench</strong>&lt;br&gt; Long trench. Proceeds up hill from valley floor to Quinn's Post. Well preserved in lower section. U-shaped steeply inclined...</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 2 of 2 Results 11 - 16 of 16
Artefact Metal container

Feature ID: 342
Artefact No.: 141
Artefact Type: Metal container
Survey Date: 20 September 2011
Location: Courtney's Post
Period: c. 1915
Area Nationality: ANZAC
Deployed By: ANZAC
Length (cm): 17.2
Width (cm): 10.6
Preservation:
Associated Feature:
Material: Metal
Photographed: Yes

Description: Metal container - pannikin. Found in a dugout/rest area. Half-circle or D-shaped. Has eyes on either side (possibly for thin strap), four hinged eyelets equally spaced around (two on sides are vertical and ones on front and back are horizontal). Raised ridge 1.0 cm beneath lip of the pannikin. Some corrosion. Coming apart along base and up into body. Holes at front and one side. Rusted but details are clear and all fairly well preserved. Also a small separate piece. Dimensions after conservation: 17.2 x 10.6 cm. The metal is 0.12 cm thick. Photo is a grab from 2011 Notebook pdf.

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Photographs are the work of Antonio Sagona.
Artefact Barbed wire

<table>
<thead>
<tr>
<th>Feature ID:</th>
<th>537</th>
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</thead>
<tbody>
<tr>
<td>Artefact No.:</td>
<td>311</td>
</tr>
<tr>
<td>Artefact Type:</td>
<td>Barbed wire</td>
</tr>
<tr>
<td>Survey Date:</td>
<td>11 September 2012</td>
</tr>
<tr>
<td>Location:</td>
<td>The Nek</td>
</tr>
<tr>
<td>Period:</td>
<td>c. 1915</td>
</tr>
<tr>
<td>Area Nationality:</td>
<td>Turkish</td>
</tr>
<tr>
<td>Deployed By:</td>
<td></td>
</tr>
<tr>
<td>Length (cm):</td>
<td>44</td>
</tr>
<tr>
<td>Width (cm):</td>
<td>1.5</td>
</tr>
<tr>
<td>Preservation:</td>
<td></td>
</tr>
<tr>
<td>Associated Feature:</td>
<td>metal</td>
</tr>
<tr>
<td>Material:</td>
<td></td>
</tr>
<tr>
<td>Photographed:</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Description:** Barbed wire. Double strand helix. Wire segment has 7 barbs and ferrous corrosion. Surface find close to trench F534. Dimensions: 44.6cm long, barbs are 1.5cm long and are spaced 7cm apart.

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Photographs are the work of Antonio Sagona.
AGAD Challenges

Challenges inherited from the JHAS Project:

- Language: translation and difficulty in collaboration in same place
- Sensitivity of content
- Political issues

AGAD

- Need to restrict public access to aspects of the dataset to protect heritage of the Gallipoli battlefield as a historical landscape
- Finding a long-term host and custodian for the online resource
Details of ongoing custodianship

At present the AGAD is hosted by the University of Melbourne.

However, there is a limited funding horizon.

The primary dataset resides with individual researchers and with the Department of Veterans’ Affairs, Canberra.

Future home at the Australian War Memorial?
Data Curation Activities

- FileMaker database not preservable in current state
- Wanted to separate concerns between data and display
- Wanted data to persist beyond current system
  - exit strategy
  - long-term preservation
- Created a Data Management Plan
  - Highlighted ongoing custodianship issues
  - Application of cc-by licence for data and images
Data Manipulation

Data
- Database
- Export to CSV
- Data Cleaning (open refine)
- Created SQL

Images
- Image File renaming
- Thumbnail generation
- Embed metadata

CMS
Database structure
Summary

AGAD operates as an unique, interactive appendix that presents the primary data and results of the JHAS project.

Provides a comprehensive record of the state of the ANZAC Gallipoli 1915 battlefield one hundred years after the conflict.

Challenges in terms of collaboration across three nations involved in the original conflict: language; funding and contribution; sensitive information, interpretation and use of terms.

Limitation was built into the AGAD to only provide limited spatial information in order to protect the actual battlefield from looters.

Challenges for ongoing funding and long-term host and custodian of the raw dataset. Limited funding horizon at present.

Aims for long-term preservation of the AGAD database.

agad.anzac.unimelb.edu.au
Acknowledgements

The AGAD website is dedicated to the late Antonio Sagona

- Contributors: Antonio Sagona, Sarah Midford, Jessie Birkett-Rees, Abby Robinson, Simon Harrington, Leo Konstantelos and Anna Shadbolt
- Dr Rebecca Flemming, Department of Veterans’ Affairs, Canberra
- Department of Veterans’ Affairs, Canberra
- Manatū Taonga Ministry for Culture and Heritage, New Zealand
- Onsekiz Mart Universitesi, Canakkale, Turkey
- Turkish Ministry of Culture and Tourism
- Turkish Ministry of Foreign Affairs
- Turkish Ministry of Environments and Forests
- The University of Melbourne