

Dr Tim Owen, GML Heritage Principal and Archeologist, has 19 years' experience working as a professional archaeologist; he has extensive experience in directing both Aboriginal and historical projects and archaeological excavations throughout Australia. He specialises in complex large-scale cultural landscape assessments, heritage management, bioarchaeological analysis and Aboriginal community, client and government liaison.

Tim's expertise lies in resolving complex strategic planning issues associated with large-scale projects, which include Aboriginal community consultation, Aboriginal and historical archaeological field survey, assessment, excavation, management and reporting. He has conceived and directed numerous public archaeology projects, and received the Martin Davies Award in 2007 for his long-term work at the Port Arthur Historic Site, Tasmania.

Tim is a senior research fellow at Flinders University, with active research projects in Sydney and Adelaide.



Key Experience

Aboriginal Archaeology Excavation Director

Edinburgh Defence Precinct SAT COMM, SA, Salvage Excavation—Client: Department of Defence, 2018.

Basin I, Test Excavation, S90 Permits—Client: Lendlease, 2018.

North Dunheved, Salvage Excavation, S90 Permits—Client: Lendlease, 2018.

Schofields, Salvage Excavation, S90 Permit—Client: Defence Housing, 2017.

Arthur Phillip High School, Test and Salvage Excavation, SSD Approval—Client: Department of Education, 2017.

Parramatta Park Garden Precinct, Salvage Excavation, S90 Permit—Client: Parramatta Park Trust, 2017.

Parramatta Leagues Club, Testing, S90 Permit—Client: APP & PLC, 2016.

Sydney Light Rail, Randwick, Open Area Salvage Excavation, SSI Approval—Client: Acciona, 2015–2016.

Parramatta Park Garden Precinct, Test Excavation, S90 Permit—Client: Parramatta Park Trust, 2015–2016.

Nurrungar Valley, SA, Archaeological Clearance—Client: Department of Defence, Australian Government, 2015.

McPhails, Dapto, Test and Salvage Excavations, S90 Permit—Client: Stockland, 2014–2015.

Nurrungar Valley, SA, Test Excavation—Client: Department of Defence, Australian Government, 2013.

East Leppington, Sydney, Salvage Excavations, S90 Permit—Client: Stockland, 2013.

RAAF Base Edinburgh, SA, Test Excavation—Client: Department of Defence, 2013.

ENTD, SA, Test Excavation—Client: Department of Defence, 2012.

East Leppington, Sydney, NSW, Test Excavation—Client: Stockland, 2011.

Peppertree Quarry, Marulan, Salvage Excavation, Part 3A Approval—Client: Boral, 2011.

Discovery Point Open Excavation, Sydney—Client: Australand, 2011–2013.

Jordan Springs, NSW, WP6 Test and Salvage Excavation, Aboriginal Heritage Impact Permit—Client: Lend Lease, 2011.

Aboriginal Heritage Projects

George Street Gatehouse, Parramatta Park—Client: Parramatta Park Trust, 2018.

RAAF Woomera Airfield, Aboriginal Heritage Assessment—Client: Aurecon and Defence, 2018.

Sydney Light Rail, NSW, Aboriginal Heritage Assessments—Client: Acciona, 2016–2018.

Woomera LA6A HIS and Interpretation Strategy—Client: Aurecon, 2017.

JP154 Aboriginal Heritage Reporting—Client: Aurecon, 2017.

Darkinjung LALC Land Rezoning—Client: Darkinjung Local Aboriginal Land Council, 2017.

Dapto Land Review, NSW, Aboriginal Heritage Assessments—Client: Stockland, 2015–2016.

Parramatta Park Garden Precinct—Client: Parramatta Park Trust, 2015–2018.

AHIP Case Studies, NSW—Client: Office of Environment and Heritage, 2014–2015.

Department of Defence, JP154—Client: Department of Defence, Australian Government, 2011–2016.

Defence Establishment Orchard Hills, NSW, Heritage Management Plan—Client: Department of Defence, Australian Government, 2013.

Qualifications

PhD, Flinders University

Bachelor of Science (International Archaeology) (Honours), University of Leicester, UK

Perilya CML 8 Eastern Precinct, Broken Hill, Conservation Management Plan—Client: Perilya Broken Hill Limited, 2012.

Peppertree Quarry, Marulan, Aboriginal Heritage Management Plan—Client: Boral Resources (NSW), 2011.

RAAF Base Edinburgh, SA, Aboriginal Heritage Management Strategy—Client: Department of Defence, Australian Government, 2012.

East Leppington Growth Centre, Sydney—Client: Stockland and NSW Department of Planning and Environment, 2011–2016.

Department of Defence, SA, Aboriginal Consultation Guidelines—Client: Department of Defence, Australian Government, 2013.

Kaurna, SA, Cultural Heritage Mapping Project—Kaurna Nation, 2011–2015.

Historic Heritage Places

Parramatta Park, Garden Precinct—Client: Parramatta Park Trust, 2015–2018.

Parramatta Leagues Club, NSW—Client: APP for PLC, 2016.

Defence Establishment Orchard Hills, NSW, Historic Heritage Assessment—Client: Department of Defence, Australian Government, 2013.

Minmi, Gwandalan, Nords Wharf, Catherine Hill Bay and Black Hill, Part 3A Aboriginal and Historic Heritage Assessments—Client: Coal and Allied (for ERM), 2008–2010.

World Heritage Places

Parramatta Park, Garden Precinct, Excavation Director and Archaeological Assessment—Client: Parramatta Park Trust, 2015–2018.

Angkor Wat, Cambodia, Excavation Supervision and Research—Client: Sydney University Greater Angkor Project (GAP), 2012.

Conservation and Heritage Management Plans

Sydney Defence Bases HMP for Degaussing Range, HMAS Watson, HMAS Waterhen—Client: Department of Defence, 2018.

Baiame Cave, NSW, Conservation Management Plan—Client: Wonnarua Nation Aboriginal Corporation & NPWS, 2018.

Woomera HMP, Kokatha Country, SA—Client: ERM and Department of Defence, Australian Government, 2019.

Edinburgh Defence Precinct, SA, Heritage Management Plan—Client: Department of Defence, Australian Government, 2013–2019.

JP154, Aboriginal Heritage Protection Plan—Client: Department of Defence, Australian Government, 2015.

Nurrungar Valley, SA, Aboriginal Heritage Management Plan—Client: Department of Defence, Australian Government, 2013–2014.

Industry Involvement

Employment

Principal, GML Heritage, 2018–Present.
Senior Associate, GML Heritage, 2015–2018.
Associate, GML Heritage, 2010–2015.
Archaeology Team Leader, ERM, 2007–2010.
Archaeological Consultant, ERM, 2003–2007.
Public Archaeology Project Director, PASHA, 2002–2003; 2006; 2008.
Private archaeological consultant, 1999–2003.

Selected Conference and Lecture Papers

'Isotopic methods to examine migration and mobility', presented at the Australian Archaeological Association (AAA) Conference, Auckland, 2018.

Forbes, C, Owen, T and Veale, S 2018, 'Risk and resilience: Baiame's Cave and creation landscape, NSW, Australia', 8th International Conference on Building Resilience, Lisbon.

'Ancient Starch Analysis of Grinding Stones from Kokatha Country', presented at AAA Conference, Melbourne, with the KAC, 2017.

'Aboriginal Heritage Management and Risks', presented at the annual Department of Defence conference, 2016.

'Entangling the Archaeology of Absence', presented at Flinders University, Adelaide, 2016.

'No intrinsic value in archaeology?', presented at Australia ICOMOS Conference, Adelaide, 2015.

'Planning and Heritage', lecture for UNSW, 2014.

'Aboriginal cooking and domestic life in SW Cumberland Plain', National Archaeology Week, 2014.

'Aboriginal Ceramics on the Cumberland Plain—the Aboriginal ovens at Leppington, NSW', AAA Conference, Coffs Harbour, 2013.

'Isotopes and Landscapes', Flinders University, 2013.

Expert Witness Reports

Planning & Assessment Committee—Drayton South Coal Project, Aboriginal Heritage Review for the Hunter Thoroughbred Breeders Association, 2015 and 2017.

Watermark Mountain, Aboriginal Cultural Landscape Review, S10 Application—Client: Beatty Legal, 2016.

Thiess Village, Kosciuszko National Park, Heritage Assessment—Client: NSW Office of Environment and Heritage (for ERM), 2010.

Island Bend, Kosciuszko National Park, Heritage Assessment—Client: NSW Office of Environment and Heritage (for ERM), 2008.

Three Mile Dam Camp, Kosciuszko National Park, Heritage Assessment—Client: NSW Office of Environment and Heritage (for ERM), 2009.

'Aboriginal archaeology and landscape', ICOMOS National Scientific Committee Guest Speaker, 2012.

'Aboriginal Tradition—a New Definition', National Trust Conference, ACT, 2011.

'Aboriginal heritage and archaeology', lecture, University of New South Wales, Sydney, 2011.

'Introduction to Aboriginal Archaeology', lectures for U.Can, ACT, 2011.

'Planning and Heritage Values', NSW Society of Planning, Sydney, 2011.

Selected Publications

Owen, T, Field, J, Luu, S, Kokatha Aboriginal People, Stephenson, B and Coster, A 2019, 'Ancient Starch Analysis of Grinding Stones from Kokatha Country, SA', *Journal of Archaeological Science Reports* 23, pp 178–188.

McPhail, M and Owen, T 2018, 'What was growing in the Tank Stream Valley, Sydney Cove, in 1788?', *Australasian Historical Archaeology* 36, pp 16–28.

Owen, T D, 'Lake Illawarra & West Dapto—the influence of changing sea levels and flooding on the pattern of Aboriginal archaeology', *Australian Archaeology*, forthcoming.

Owen, T D and Casey, M 2017, 'The Old Sydney Burial Ground: using isotopic analysis to infer the origin of individual skeletons', *Australasian Historical Archaeology* 35, pp 24–33.

Owen, T D, Casey, M and Pitt, N 2017, 'The Old Sydney Burial Ground: an inference of early colonial diet in Sydney and Britain', *Australasian Historical Archaeology* 35, pp 34–42.

Owen, T D and Cowie, D 2017, 'Four predictive models to describe Aboriginal lithic artefact site patterning on the Cumberland Plain', *Journal of the Australian Association of Consulting Archaeologists* 5, pp 1–13.

Historical Archaeological Excavation Director

Sydney Opera House, Lift 36 Excavation, S60—Client: Sydney Opera House, 2018.

Newmarket, Randwick, Test and Salvage Excavation, S140 and S60—Client: CBUS Residential, 2017–2018.

Arthur Phillip High School, Test and Salvage Excavation, SSD Approval—Client: Department of Education, 2017–2018.

Parramatta Leagues Club, Testing, S140 Permit—Client: APP & PLC, 2016.

Parramatta Park Garden Precinct, Test Excavation, S60—Client: Parramatta Park Trust, 2015.

Sydney Opera House, S60—Client: Sydney Opera House, 2012.

105 Radar Station, NT, Environment Protection and Biodiversity Conservation Act Internal Approval—Client: Department of Finance, 2010.

Owen, T D 2015, 'Advocating Aboriginal Heritage Conservation and Management Through the Land Development Process', International Austronesian Conference, Council for Indigenous People and National Taipei University of Education, pp 186–204.

Owen, T D 2015, 'Australian Aboriginal traditional knowledge and intellectual creations', International Austronesian Conference, Council for Indigenous People and National Taipei University of Education, pp 272–284.

Owen, T D 2015, 'An Archaeology of Absence (or the archaeology of nothing)', *Historic Environment* 27(2), pp 70–83.

Owen, T D and Pate, D F 2014, 'A Kaurna Burial, Salisbury, SA', *Australian Archaeology*, the Australian Archaeological Association, AUS.

Pate, F D and Owen, TD 2014, 'Stable carbon and nitrogen isotopes as indicators of sedentism and territoriality in late Holocene South Australia', *Archaeology in Oceania*, University of Sydney, NSW.

Owen, T D and James, S 2013, 'The History, Archaeology and Material Cultural of 105 Radar Station Cox Peninsula, Northern Territory', *Journal of Australasian Society for Historical Archaeology*, AUS.

Awards

Martin Davies Award for Public Interpretation of a Historical Archaeological Site, 2007.

Professional Affiliations/Memberships

Australia ICOMOS (International Council on Monuments and Sites).

Australian Archaeological Association Inc.

Australasian Society for Historical Archaeology.

Honorary Positions

Flinders University, Senior Research Fellow, 2009–Present.

Sydney University, Academic Associate, 2004–2008.