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www.achm.com.au



# ACHM is a leader in cultural heritage management throughout Australia.

A multi-disciplinary team of expert consultants, each a recognised leader in their field. Expertise managing the heritage requirements of major industrial developments, civil works, urban, mining and resources developments while balancing the requirements of statutory authorities and stakeholder groups. ACHM delivers professional services throughout Australia.

# **ABOUT ACHM**

ACHM's principal objective is to provide our clients with quality professional services and products that:

- Are technically sound and accurate, and achieve professional 'best practice'
- Are delivered on time and within budget
- Meet the requirements for admission as expert witness material in any jurisdiction
- · Represent excellent value for money, and
- Through exceptional personal service, meet or exceed their expectations

We achieve these objectives through a structured continuous improvement program that ensures the consistent quality of our services and products, helps reduce costs, improves productivity, reduces waste and develops staff skills. ACHM has implemented a ISO certified 9001 quality management system to ensure the quality of all our products. The ACHM management team is committed to the principles of continuous improvement. All employees are committed to the ACHM quality policy and are aware of its benefits to customers, process improvement and the goals and objectives of ACHM.

ACHM is a GIS-based company (Geographic Information Systems), working in the fields of GIS mapping, analysis and database production, particularly for environmental and cultural heritage management purposes. Our GIS platform is the industry standard ESRI suite of desktop and server applications. ACHM maintains a growing data library of GIS data on environmental, cultural and infrastructure

themes throughout Australia. We are able to convert client or third party data to and from virtually any format.

ACHM carries \$10 Million professional indemnity and \$20 million public liability insurance. All ACHM consultants are covered by workers compensation insurance.

#### SAFETY

At ACHM we believe that the health and safety of our most important asset – our people - is our most important priority. We expect our staff to undertake all ACHM business activities within a 'zero risk – zero harm' framework and we provide them with all the necessary management tools and safe work procedures and equipment to ensure this outcome. ACHM have a certified ISO 4801 HSE system ensuring all work is conducted safely. ACHM has a zero tolerance policy towards drugs and alcohol in the project workplace and conducts regular random testing of staff to ensure compliance.

# **ENVIRONMENT**

ACHM believes excellence in environmental performance is essential to our business success and is also essential to balancing the economic, social and environmental needs of sustainable development. We aspire to be the 'consultant of choice' for our clients because of our environmental credentials. We seek to reduce our overall environmental footprint while delivering exceptional value to our clients. We conduct all our activities with the aim of minimising any adverse effects on the environment. ACHM have an ISO 14001 certified environmental management system.

#### **TEAM WORK**

ACHM employs a team of expert cultural heritage professionals, allowing us to provide comprehensive and flexible service for any project requirements. We also regularly work as a part of multi-disciplinary teams on a range of large projects. Our experience is often invaluable in ensuring that complex heritage issues are understood and managed successfully.

#### **PROJECT MANAGEMENT**

Our team offers unrivaled experience in the management of large and extremely complex heritage management issues for industry, government and stakeholder groups. We currently manage heritage requirements for Indigenous corporations such as Banyjima Native Title Aboriginal Corporation in WA, and corporate or government clients including Rio Tinto, Glencore, VicRoads and many other organizations or individuals involved in developing or accessing land.

# **OUR PROJECTS**

ACHM has proudly managed a world class portfolio of cultural heritage related projects, including the Woodside Energy Limited Burrup LNG Park Development, Woodside Energy Limited North West Shelf heritage management and auditing, Martidja Banyjima heritage management, Kokatha Native Title claim, Rio Tinto Hope Downs Iron Ore Mine Development, FMG Ltd Railway and Port survey, monitoring, audit and salvage and Department of Defence heritage management.





# **EQUIPMENT**

ACHM owns and maintains a wide range of equipment to undertake any cultural heritage management task. Our field equipment includes a fleet of 4x4 vehicles, a wide range of archaeological excavation equipment, Differential GPS, a mechanical sieve and a range of digital site recording equipment.

#### **ARCHAEOLOGY**

ACHM has a proven track record in the management of some of the most complex archaeological projects in Australia. Our experts are leaders in the field of archaeological field survey, stone tool analysis, predictive modelling, faunal analysis, excavation, rock art recording and analysis. ACHM can manage archaeological projects of any size and duration.

#### **ANTHROPOLOGY AND NATIVE TITLE**

ACHM anthropologists are able to service clients' needs in a range of environments. They are engaged in ethnographic fieldwork, native title research, cultural values recording, stakeholder liaison, meeting facilitation, the collection of preservation evidence and providing heritage clearances and site recording with traditional owners throughout Australia.

# **GIS SOLUTIONS**

Our GIS team produce spatial products of unrivalled quality and accuracy. Our GIS platform is based on the industry standard ESRI suite of GIS products. We can utilise incoming spatial data in a wide variety of formats and provide data products to clients in any popular GIS format. ACHM can deliver spatial data products to clients as GIS data packages, complete stand alone GIS map and data packages, hard copy and electronic mapping products and provide secure web-based mapping or data services. We operate a range of current generation Trimble GPS and DGPS equipment for data collection, allowing us to record and provide data guaranteed to be spatially accurate to <0.1m. ACHM utilises formbased mobile GIS data recording ensuring

consistency within captured data, accurate data transfer and efficiency in data handling. Custom data recording applications can be developed by ACHM to suit any situation. ACHM maintains an extensive reference spatial data library and can produce high quality electronic and traditional mapping products for our clients on demand.

# **CULTURAL HERITAGE MANAGEMENT PLANS**

An essential component of most modern development projects is a timely and well executed cultural heritage management plan. We have particular expertise in writing and implementing cultural heritage management plans gained through some of Australia's largest, most complex resources and energy developments in all states. ACHM have a team of qualified Cultural Heritage Advisors who have produced over 400 approved CHMP's in Victoria since 2007.

#### **HERITAGE ADVICE**

We provide expert advice to our clients on all aspects of cultural heritage management including legislative compliance, survey requirements, excavation design and methodology, logistics, community consultation, heritage agreements, consent applications, data collection, archiving and advocacy or court expertise.

# **DUE DILIGENCE ASSESSMENTS**

ACHM regularly conducts cultural heritage due diligence assessments for clients, particularly in the project planning or feasibility phases of land acquisition or development. The purpose of these due diligence assessments is to assess an activity area and determine what (if any) cultural heritage constraints exist and the nature and extent of those constraints. This ensures informed decisions can be made, facilitating thorough risk management and contingency planning prior to purchase or development.

# VISUAL ANTHROPOLOGY AND ARCHIVAL RECORDING

ACHM create broadcast quality audio-visual productions documenting preservation evidence for native title claims, cultural tourism based activities, and documentary style recording of cultural heritage projects. ACHM video ethnography work may also include oral histories and, in collaboration with our GIS team, community based cultural mapping projects.

#### **OUR CORPORATE ASSOCIATES**

ACHM is proud to be associated with a number of suppliers offering a range of ancillary services. Our Corporate Associates provide governance and financial management services, legal advice, audio-visual production, environmental science and cultural tourism expertise.

# **CONSULTING STAFF & AFFILIATIONS**

ACHM consultants are members of the Australian Anthropological Society (AAS), the Australian Association of Consultant Archaeologists Inc. (AACAI), the Australian Archaeological Association (AAA), Environmental Institute of Australia & NZ (EIANZ) and The International Council on Monuments and Sites (ICOMOS) as well as numerous other professional associations. These associations have established sets of ethical guidelines which members agree to abide by, governing relationships with clients, colleagues, employees and students and Indigenous informants and communities.

ACHM consultants are leaders in the cultural heritage management field, having achieved peer recognition and membership of a number of prestigious national and international scientific committees and organisations. Our consultants are members of a wide range of professional bodies, and many have achieved academic excellence in their chosen field. More information about our highly qualified and experienced consulting staff can be found at www.achm.com.au







#### **PROJECT EXPERIENCE**

ACHM places great emphasis on teamwork, innovation and quality control. Our consultancy teams are chosen to provide the multi-disciplinary skills and experience required to meet each client's needs. Our wide range of project experience includes:

- Cultural heritage management services

   including heritage surveys and reports, archaeological excavation and radiometric dating, GIS spatial analysis and mapping and specialist expert advice for major resource development projects such as the Woodside Energy Limited Pluto Project and NWSJV gas processing plant extensions on the Pilbara Coast, Rio Tinto Iron Ore, BHP Billiton, and Fortescue Metal Group iron ore mining and infrastructure development projects in the southern Pilbara, the Oxiana Prominent Hill mine, Iluka Mineral Sands (SA) and numerous wind power projects in South Australia and Victoria.
- Heritage surveys and reports, GIS spatial analysis and mapping, and expert heritage advice for Indigenous corporations representing traditional landowners and native title / heritage groups including Anangu Pitjantjatjara Yankunytjantjara (central Australia), Martidja Banyjima (southern Pilbara), Kokatha and Barngarla (central SA), Narungga, Ngadjuri, Kaurna, and Ngarrindjeri (southern SA), Gunditjmara and others (Victoria).

- Native title research and expert report preparation (anthropology, archaeology, history, GIS mapping) for Kokatha (central SA), Martidja Banyjima (southern Pilbara, WA), and Ngadju, Bullenbuck and Western Mining (southern Goldfields and western Nullarbor, WA). Review of native title anthropology reports and evidence for the Department of Justice, Victoria and the Crown Solicitors Office, NSW.
- · Heritage expert reports to the Federal Court and Royal Commissions (Hindmarsh Island Bridge), for Government Agencies (review of Aboriginal Heritage site recording standards for WA Department of Aboriginal Affairs (DAA), Cost / Benefit analysis for a regional Burrup Heritage Management Strategy (with Network Economics consulting Group, Canberra) for DIA and the WA Department of Industry and Resources (DOIR), review of Burrup National Heritage List options (with Strategen Environmental Consultants, Perth) for DOIR, and expert assessments related to several Ministerial applications under the SA Aboriginal Heritage Act 1988, review of Gunditjmara native title claim for Victorian Department of Justice) and to corporations (for example, compliance review for Rio Tinto Exploration with Rio Tinto heritage and Indigenous community consultation guidelines).
- Heritage Management, survey and reporting for major infrastructure projects including Burrup Service Corridors (DOIR, WA), Perth water supply extensions (Watercorp WA), Adelaide and SA regional water supplies (SA Water), roads (Transport SA, VicRoads), rail (Sunbury Alliance, Growth Area Stations Victoria), wind farm developments (Pacific Hydro, Hydro Tasmania, Trust Power (NZ), Acciona Energy), Electricity supply infrastructure (ElectraNet SA, SAPN) and many other major urban planning and development projects for State and Local Government and major commercial development projects.
- Spatial analysis, predictive modelling and digital mapping projects related to the distribution of heritage sites on the landscape (for example, Onkaparinga Water Catchment Board SA, WA Government, Woodside Energy Limited) and the distribution of environmental features.
- Members of the Defence Environment and Heritage Panel, Transport and Main Roads Environment and Heritage Panel (Queensland), VicRoads Heritage Panel and numerous other select panels for government and corporate cultural heritage management requirements.



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