

Information in Confidence
RESUME

James Robert WALKER MSSI (Aust)

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CAREER SUMMARY

Manager Survey Operations	Ausurv Pty Ltd	Feb 2008 to current
Senior Surveyor	Ausurv Pty Ltd	Dec 2003 to Feb 2008
Engineer Surveyor	Central Desert Enterprises	Oct 2002 to Dec 2003
Seismic Surveyor	Western Geco Australia - Australia wide locations	Sept 2000 to Sept 2002
Surveyor & GIS consultant	Contract	Feb 1990 – Sept 2000
Cartographer	Australian Department of Defence – Army	Feb 1982 – Feb 1990

PROFESSIONAL EXPERIENCE / KEY STRENGTHS

- Geographic Information Systems (GIS)
- Surveying with Global Positioning System (GPS) equipment, both RTK and Static methods
- Conversant with all Survey Instruments including Robotic Total Stations
- Project leadership
- Remote area work sites
- Set-out and design of engineering works
- Set-out, and production monitoring of open cut mining and tailings works
- Cadastral drafting, urban/rural field work
- Production of special purpose mapping
- Multimillion dollar Asset Register Management and Consolidation
- Title Search
- Contract negotiation and Client Liaison
- Project consultation
- Highly effective in a team environment
- Extensive exposure to Indigenous and Environmental land and cultural issues
- Design and Implementation of innovative survey methods

EMPLOYMENT HISTORY

Ausurv Consulting Surveyors Pty Ltd

Dec 2003 - Current

Senior Surveyor

Responsibilities

- Set out and design all aspects of civil works.
- Care, maintenance and calibration of Conventional and GPS survey instruments.
- Sourcing and purchase of Survey equipment, vehicles and Technology.
- Establish and coordinate Survey Control.
- Train junior Surveyors in all aspects of civil and cadastral surveying.
- Formulate and submit job quotations
- Train and set up Survey crews for major projects, and formulate and establish operational procedures for such projects.
- Client base development and Client liaison.
- Implement and maintain Management and Quality Systems

Achievements

- Senior Surveyor at the Bechtel Darwin LNG Project, Project value \$1.6billion, May 2004-April 2005.
- Site Surveyor, J J Williams and Sons, Great Northern Highway Bridges Project, June 2005 – Dec 2005, comprised of 5 major concrete bridges and related road works.
- Senior Surveyor John Holland Group, Dunham River Project, May 2006 – Aug 2006.
- Train Survey Technicians from commencement of indenture to standard of competent Mine Surveyor.
- Develop and utilise innovative GPS Surveying Procedures to enable work to be conducted at less cost and with higher efficiency than standard methods. Examples being use of Quad bike mounted GPS for mapping, and vehicle mounted RTK GPS boundary definition.
- Supervised the survey of Central Australian remote indigenous communities for the Department of Families, Housing, Community Services and Indigenous Affairs Emergency Response Project, May to Aug 2008.
- Through tender achieved award of a number of the Northern Territories major civil projects, then planned and supervised successful completion of survey tasks for those Projects, including:
 - Uluru Sunrise Viewing Project Jan-Jul 2008
 - Pine Hill Road Survey Feb- Apr 2008
 - Tanami Road Upgrade Apr-June 2008
 - Plenty Highway Upgrade Jul-Sept 2008
 - Urultja Power line Oct-Nov 2007

- Alice Springs Airstrip Project Jun-Sep 2007

Central Desert Enterprises

Oct 2002 – Dec 2003

Engineer Surveyor

Responsibilities

- Establish surveying capabilities for a company with no prior survey component
- Set out road works and related civil constructions using total station
- Establish Survey Control
- Check and redesign civil works as required by clients
- Cost survey components for tender submission
- Prepare and post process survey data in digital format

Achievements

- Plan and execute engineer setout of Cox Peninsular road upgrade, April –June 2003 of 6km of works valued in excess of 1million dollars.
- Plan and execute engineer setout of Tanami road upgrade, Sept –Dec 2003 of 20km of works valued in excess of 2million dollars.
- Develop an effective surveying component, including sourcing of all equipment, set up of survey vehicle, developing survey procedures, and train survey assistants.
- Develop and implement a complete site based project management system for the Chariots open cut gold mine.

Western Geco Australia Ltd

Sept 2000 – Sept 2002

Seismic Surveyor

Responsibilities

- Stake out field surveys using GPS and conventional means
- Establish Survey Control
- Process survey data

Achievements

- Became proficient in the use of Trimble GPS equipment, producing accurate and productive field work
- Effectively worked with environmental and cultural aspects to minimise impact on sensitive land
- Wrote procedures for the field use of new GPS equipment, resulting in standard procedures
- Redesigned electronic booking sheets, streamlining the processing of data
- Awarded the Santos Bronze, Silver and Gold Safety Awards

Self Employed and Contract Positions

Feb 1990 – Sept 2000

Undertook contract employment which facilitated relocations due to my wife's military posting cycles – contracted to Brisbane City Council, VicRoads, Melbourne Airport, Santos Adelaide, and Surveying firms in Melbourne, Adelaide, and Wagga Wagga.

Surveyor and Geographic Information Systems (GIS) Consultant

Responsibilities

- Cadastral and Engineer Surveying
- Computer assisted drafting (CAD), using MicroStation and AutoCad
- Asset Management
- Land Title search
- Data capture and Database preparation
- Prepare maps, plans, and related products

Achievements

- Undertook and completed the digitisation of all Brisbane Hydrographic data from Hard copy, enabling this data to be utilised “on line” by The Brisbane City Council and other government departments
- Wrote Mapping Standards Manual for the Environmental Management Section (EMS), Brisbane City Council, which resulted in standardisation of mapping data.
- Researched Land Title data that identified in excess of seven million dollars of unknown land assets, for Vic Roads.
- Developed a survey concept for pre-development surveys that reduced cost by 40%
- Introduced new asset capture software and completed asset mapping for institutions such as the Wagga Wagga TAFE College
- Partook in the design specification and development of the Brisbane City Council's Vegetation protection Ordinance (VPO) System, and personally captured all initial VPO digital data.

Australian Army - Royal Australian Survey Corp Cartographic Technician

Feb 1982-Feb 1990

Responsibilities

- All facets of map production
- Section supervision, section technical training
- Computer system management
- Three years of photogrammetry and orthophoto production
- Regimental training to section leadership level

Achievements

- Wrote procedures for the use of specialised optical scanning equipment, facilitating untrained users to operate the equipment
- Enhanced my skill set by becoming a qualified Air Camera Operator, and Engineer Surveyor.
- Participated in the introduction and development of the AutoMap system, at the time the first Automated mapping system in the southern hemisphere.

PERSONAL DETAILS

EDUCATIONAL QUALIFICATIONS:	Assoc. Dip Cartography Dept. Defense	15 Sept 1994
	Cert. Engineer Surveying Dept. Defense	15 Nov 1984
	Cert. Air Camera Operation	28 Nov 1985
OTHER COURSES	CNC22 Senior First Aid – Every two years for currency	
	DETEC PTY LTD PMA HYD 236A Operate 4WD vehicles in the field	23 Nov 2000
	SANTOS Advanced Indigenous Cultural Induction	20 Oct 2000
	SIMTARS Generic Coal Induction-Surface	11 June 2002
	SANTOS Moomba Oil & Gas Induction	29 Sep 2000
	NT Traffic Management and control –	15 July 2003
	Advance Sokkia GPS -	10 May 2005
	Trimble Static GPS Post Processing –	15 Feb 2007
	Liscad Advance SEE -	Jan 2008
PROFESSIONAL ASSOCIATIONS/	Member Institute of Spatial Sciences -	Australia
LICENCES HELD	N.T. Drivers Class MR (Car, Medium truck ,motor bike)	
	NSW Boat	

Referees Contact Sheet

REFEREES:

Mr Michael Milford
Managing Director – Ausurv Pty Ltd
15 Shepherd St, Darwin NT.
Phone (07) 8981 6444
Mob. 0417 683 703

Mr Noel Sherrington.
Principle Officer - Information Technology,
Brisbane City Council.
Phone (07) 3403 6609.

Mr Terry Hinchcliffe.
Principle Surveyor
T J Hinchcliffe & Associates.
Wagga Wagga NSW
(0269) 25 5136

Mr Theo Rapp. – Onkaparinga Council
Works Supervisor
Adelaide SA
0438 328 020

**Index to Written References – Available upon request
in hard copy.**

Officer Commanding, Lithographic Squadron, Major
M.Byrne.

T.J.Hinchcliffe, Surveyor, Wagga Wagga, NSW.

L. Carlton, Property Consultant, Vic Roads, Melbourne
Vic.