

# GLENN WILLIAMS

## STATEMENT OF EXPERIENCE

Glenn Williams  
Home: 497 Millers Rd  
Blowhard Vic 3352  
2<sup>nd</sup> September 2009



### PERSONAL DETAILS:

I am male, born 3rd February 1952 (56yrs), at Warragul in Victoria, married to Joy with 2 adult daughters and 2 grand daughters.

Beyond Surveying, I enjoy my time at home and travelling with my wife. I also enjoy making things in steel or timber. I have also commenced a restoration project on a 1959 Ford Prefect.

### QUALIFICATIONS:

- Certificate of Technology - Surveying
- Associate Diploma of Applied Science (Surveying).
- WA Authorised Mine Surveyors Certificate Grade 1 Number 1020.
- Registered NSW Mining Surveyor (Unrestricted)
- Registered Qld Mining Surveyor (Unrestricted)
- Member of Institute of Engineering and Mining Surveyors Australia. Number 2217.
- Member Australian Institute of Mine Surveyors Ltd. Number 376
- Victorian Drivers Licence number 021030769 type R Car HC.
- Mine Employees Health Surveillance number 189824.
- St John Senior First Aid Certificate (expired).
- Occupational Safety and Health Representatives Certificate.

## WORK EXPERIENCE:

The following is a précis of 37+ years in surveying.

Period	Position	Employer
Nov2007 – Sep2009	Endeavor Mine Cobar NSW – Supervision as Statutory Registered Mining Surveyor. NorthParkes Mine NSW with Newlyn Surveys, underground construction of crusher and concrete roadways. At George Fisher Mine Mt Isa, survey control traverse and adjustment for Xstrata Zinc. Coliban Water project Korong Vale for MidWest Civil, Sewerage design projects for Graeme O'Brien Pty Ltd Kyneton. Sub contract building construction setout at Belconnen Canberra. Contract road feature survey at Streatham for Stateline Surveying, Survey traverse and least squares adjustment Kangaroo Flat Mine Bendigo. Survey traverse and detail pickup at Augusta Mine Costerfield. Secondment mine survey and survey control retraverse at Ballarat Goldfields. Feature detail survey for construction of Turner St Nhill for Driscoll Engineers, Ballarat. Setout survey Doveton St Nth for Global Contracting. Setout irrigation works at Sebastopol #2 Oval for Ballarat City Council. Feature survey of Learmonth Oval for Ballarat City Council. Secondment at Fosterville Mine ug production surveys (end of month pickups, install development lasers, markup longhole production drilling, diamond drilling setout & pickup, generate mining work plans. Pit wall stability monitoring. Cavity monitoring surveys of open stopes.).	Ballarat Engineering and Mining Surveys P/L. 497 Millers Rd Blowhard, Vic 3352
Jan2007 – Nov2007	Survey Team Coordinator Xstrata Copper Mt Isa Qld Applied for and obtained Registration as Mining Surveyor with Survey Board of Queensland. Manage up to 4 surveyors plus trainees. Extend and maintain survey control network at Enterprise and X41 underground mines. Training other surveyors in large underground survey control network management. Routine set out and pickup of decline and level development, CMS stope surveys, end of month pickups and reports. Liase with planning engineers, geotechnical engineers, geologists, drafting staff, managers and supervisors – to ensure timely and adequate mine survey service.	MinStaff Survey Pty Ltd. 123 Margaret St Toowoomba, PO Box 974 Qld 4350. MinStaff's Client – Xstrata Copper, PMB 6 My Isa Qld 4835
July2005 – Dec2006	Senior Surveyor CSA Mine Cobar NSW Statutory Registered Surveyor. Extend and maintain survey control at CSA, routine set out and pickup including decline and level development, CMS stope surveys, end of month pickups and reports, submit annual mine workings plans to Chief Inspector of Mines, manage survey staff and contractors, surface site surveys, produce site plans for environmental reports, manage and update electronic topographical data, Sit with NSW Board of Surveying & Spatial Information to assess mining candidates for registration.	Cobar Management Pty Ltd. Louth Rd Cobar NSW 2835
Sep2003 – June2005	Surveyor (Owner – Manager) Mining and Construction.  Guest Examiner NSW Board of Surveying and Spatial Information as part of a panel interviewing candidates for registration as mining surveyors in NSW. Projects: CSA Mine Cobar NSW – DMR Mine Survey Compliance Project. Traverse, adjust and report 17 km of decline on wallstations over 1.4 vertical km to comply with General Rule 2000 SP1 standard. Project includes creation of DMR Mine Workings Plans as per Survey and Drafting Directions for Mining Surveyors. Secondment at Golden Pig U/G production duties. Photogrammetric control Marvel Loch to Bullfinch.	Anglz YL Mine & Engineering Survey PO Box 20 Southern Cross WA 6426

	As-constructed GPS surveys 100+km haul roads and 70+km waterlines Marvel Loch.	
Nov1996 – Aug2003	Senior Surveyor, Southern Cross Underground – Copperhead o/c, Fraser u/g, Golden Pig u/g, Golden Pig North o/c, Ruapehu o/c and u/g. Duties: Establish and maintain survey control and systems. Undertake daily production tasks for all mining advance (capital, on-lode and stoping), surveys for u/g diamond and surface RC drilling, generate end of period reports and plans, preparation and management of small civil projects, pit wall stability monitoring, create plans for annual environmental reports, create statutory plans for submission (abandonment, closure & 5 yearly update) to WA Mines Dept. All duties carried out using Surpac software. Manage and train other surveyors in underground and open cut mines. Maintenance of survey equipment and vehicles. 5 years on site OH&S committee, 3 years as chairman. Introduced survey control on wall stations with systems to maintain and monitor accuracy.	Sons of Gwalia Ltd. Southern Cross Operations. PMB 10 Southern Cross Western Australia 6426.  Restructure Aug 2003 abolished Senior Surveyor position.
Aug1994 – Nov1996	Surveyor (Construction & Mining). Variety of survey tasks. Construction at Kalgoorlie Nickel Smelter, Mine surveyor Secondment WMC mines Revenge, Long/Victor, Otter Juan, Wannaway, Junction, Central Norseman OK Bullen, Harlequin. Mine surveyor Secondment for Burmine then Sons of Gwalia at Frasers u/g, Golden Pig u/g, and Copperhead and Mt Rankin o/cuts.	Spectrum Surveys. 61 Egan Street Kalgoorlie Western Australia.
Aug1992 – Aug1994	Mine Surveyor, WMC St.Ives Gold Mines, Kambalda, WA. Underground mine surveying at Victory and Revenge mines. Work at Revenge Mine included survey for construction of a 1.2km underground conveyor. Completed additional studies at Western Australian School of Mines for Associate Diploma and WA Grade 1 Mine Surveyor Authorisation.	WMC St. Ives Gold Mines. Kambalda Western Australia.
Dec1989 – July1992	Senior Mine Surveyor, Goodall Gold Project, Adelaide River, Northern Territory. Mid-sized O/C mine with survey duties including tails dam & haul road construction, upgrades to plant, mill and services and project planning and management.	Western Mining Corporation. (Eastern Division)
Apr1985 – Dec1989	Surveyor (Construction & Mining) and Civil Earthworks Contractor. <b>Survey projects:</b> Mine surveyor WMC Goodall Gold Project, Channel Island Power Station (Kilpatrick Green), Katherine – Channel Is. powerline design (Subcont. CMPS Engineers) & construction (Balfour Beattie), Stuart Hwy Noonamah (Civdec), Kakadu Hwy (Halkitis), Arnhem Hwy (Civdec), Tiger Brennan Dve (Morandini then Civdec), McMillans Rd Duplication (Theiss), East Point Rd (H&K Earthmoving), Oenpelli Rd (Qasco), Elizabeth River Bridge (Civdec then Barclays), Subdivisions Palmerston (Civdec), Frances Bay Marina (Christiani Neilson), Cox Peninsula Rd (Civdec), NT University Sitzler Bros), Plant/Mill construction Goodall Gold Adelaide River (Sitzler Bros), Berrimah Trade Development Zone (Civdec then Sitzler Bros). <b>Civil Earthworks projects:</b> Dept Local Govt & Admin Services hardstand & siteworks Winnellie, Subcontract to Devon Constructions – siteworks, roads and carparks for Telecom Depots at Winnellie and Katherine, Larrakeyah Army Barracks, Berrimah Police Barracks.	Self Employed as Nangetty Pty. Ltd.
Oct1984 – April1985	Surveyor, Roads and Services – subdivision construction. Darwin, Northern Territory.	Kevos Holdings Pty Ltd. McKinnon Rd Berrimah N.T.
Jan1984 – Oct1984	Engineering Surveyor, Kidston Gold Mine Construction, Kidston Nth Queensland. Surveys for Mill and infrastructure	Elders Projects/Placer Developments.

	(concrete, steel, conveyors & earthworks).	99 Nicholson Street. St.Leonards NSW.
Sep1983 – Jan1984	Contract Engineering Surveyor, Stony Point (Port Bonython) Site, Whyalla, South Australia.	Self Employed.
Nov1982 – Sep1983	Engineering Surveyor – Stony Point Site, Santos – construction of Stony Point Liquids Terminal (now known as Port Bonython), Earthworks, steel & concrete, Whyalla South Australia.	The Hornibrook Group. 99 Nicholson Street. St.Leonards New South Wales.
July1980 – Nov1982	Senior Mine Surveyor – Elura Mine, Cobar, NSW. Shaft sink and decline development to 450m depth, headframe, underground crusher and workshop. Onlode development of first production levels.	Fluor Australia Pty Ltd. St.Kilda Rd Melbourne
Sep1974 – July1980	Survey Technical Officer Grade 1 (Dec1977 – July1980). Technical Assistant (Jan1976 – Dec1977) Chainman (Sep1974 – Jan1976) Feb1974 – Dec1978 completed 5 years of night school for Certificate of Technology – Surveying. Started at RMIT, completed at Moorabbin TAFE. Survey duties included 2 years underground survey for sewerage tunnel construction.	Melbourne & Metropolitan Board of Works.
Sep1973 – Aug1974	Survey Assistant: Cadastral surveys urban and rural subdivisions.	Peyton Bremner & Associates Consulting Surveyors 353 Plenty Rd Preston Vic.
Feb1972 – July1973	Chainman/Labourer Mulgrave Freeway, bridge, road and building works	Mecho Constructions 45 Ricketts Rd Mt Waverly Victoria.

Referees provided upon request.

Yours faithfully

Glenn A. Williams.  
Registered NSW Mining Surveyor (*under the Surveying Act 2002*)  
Registered Qld Mining Surveyor (*under Survey Act 2003*)  
Authorised WA Grade 1 Mine Surveyor #1020.