

CAPABILITY STATEMENT



ND Surveying Services

ABN 39 841 284 792

For your mining, engineering and construction survey support



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North Lakes QLD 4509

INTRODUCTION

ND Surveying Services (NDSS) is a family-owned survey practice operating across all Australia States and territories. It was formed in 2015 by Nkomo Dlodlo, an experienced Surveyor with over 22 years survey experience, gained across most Australian States/ Territories and overseas.

Nkomo has successfully delivered major projects in Australia on various project surveyor roles. Nkomo is an endorsed Surveying and Spatial Sciences Institute member for Engineering Surveying Professional for Australia- Pacific (ES P-AP). This certification is a hallmark for the civil/ engineering surveying profession that acknowledges a commitment to professional excellence in Australia and beyond.

Nkomo, an honours degree holder from the University of Southern Queensland, is registered with the Survey Board of Queensland. NDSS do own and operate efficiently Trimble and Leica survey instruments in both GPS and robotic total stations.

Business focus

ND Surveying Services provides courteous, personal surveying services on any of your projects. We are available to ensure the success of your projects from pre planning through construction and to commissioning. Recent projects delivered have been in mining operations (Open cut), mining processing infrastructure (Gas plant & piping, Iron Ore facilities), general civil construction, roads/ Highways, irrigation farms preparation and powerline distribution networks.

We now offer CASA certified UAV drone operations and processing for earthworks & machine inspections.

ND Surveying Services is fully committed to upholding high safety standards while optimising on advances in technological applications to deliver higher than expected survey products within budget and on time.

AREAS OF SERVICE

Surface Mining



ND Surveying Services is available to offer relief, long or short-term survey support in surface/ open cut mining operations for both coal and metalliferous mines. The available survey services are not limited to;

- Detailed pick up of active mine workings
- Daily rise and run surveys
- Ore body mark ups and setting out
- Set out of crest/ toe lines, dig doze lines and dump limits
- End of month volume surveys
- Control establishment
- Grade control on rehabilitation works
- Regular compliance surveys & reporting
- Wall stability monitoring
- Set out and pick up of blast patterns
- Seismic surveys pick up and reporting
- Exploration surveys set out

Construction Surveys



ND Surveying Services personnel have vast experiences with both large and small civil/ earthworks movements. We offer services on;

- Detailed topographic surveys to create initial surfaces
- Material take-off and Claims verification
- Setting out of construction works
- Machine Control modelling and support for earthmoving machines: excavators, graders, dozers, drill rig or scrapers
- Conformance surveys on road pavement layers, volumes, and quantities
- Concrete works modelling & setting out
- Structural alignment & assembly
- Drainage, piping overhead powerlines and underground services
- Construction of noise wall, retaining wall and/or other safety barriers
- Road construction, kerbing, car parks and ramps set out
- Asbuilt surveys and verification of finished works.

UAV Drone Surveys



Our surveyors hold CASA's Remote Pilot Licence RePL (sub 7kg). We fly various drones for different purposes ranging from

- Volumes, 3D strings and models
- Processed maps and TIFFs
- Drone videos
- Panorama and still photography
- Inspection surveys

OUR EQUIPMENT

At ND Surveying Services, we utilise the latest available surveying equipment in both Trimble and Leica models. Our surveyors can utilise any robotic total station model as provided by the client on their survey works if required.

Our surveyors are equipped with the necessary GPS receivers (with both base and rover units), robotic total stations, digital level and related ancillary equipment to enable prompt delivery of service.



SOFTWARE

ND Surveying Services utilises various licenced software packages, tailored to suit clients' needs. We do use the following notable packages;

- 12D model
- Magnet/ CivilCAD
- AutoCAD
- Trimble Business Centre
- Vulcan- client supplied

RECENT PROJECT EXPERIENCE

Our principal surveyor, Nkomo Dlodlo has delivered and been involved on successful delivery of many large-scale projects in the Pilbara Western Australia, Central Queensland, and Southern New South Wales. Recent site experiences include. Ord River Project Farms (2021), Robe Valley Sustaining Project (2021/22), West Angelas Pits C&D expansion (2020/2021), Toowoomba Second Range Crossing (2018/2019), and Arcadia/ Roma Hub 2 Gas Plant (2015/2017).

MAIN CONTACT

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