

**JOB DESCRIPTION**  
**CONTRACTUAL POSITION**

**JOB TITLE: GLOBAL POSITIONING SYSTEM (GPS) FIELD TECHNICIAN**

**JOB SUMMARY:**

Conducts field exercises utilizing GPS equipment to pinpoint coordinates and measurements for various parcels, roads, structures and vegetation. Perform general field survey duties as needed utilizing ArcGIS and related GIS software. Performs pre and post processing and downloading of GPS data; populates data forms, field inspection forms and other field data requirements. The post also requires the majority of duties to be performed outdoors, often requiring commuting to distant job sites.

<b>REPORTS TO:</b>	Senior Land Information Officer or designate
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<b>SUPERVISION GIVEN TO:</b>	Support Staff as required
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**DUTIES AND RESPONSIBILITIES:**

- Inputs raster, vector and attribute data, as necessary;
- Transfers data to and from mobile field devices to the GIS
- Assists in the development of data documentation;
- Provides data and mapping support to a variety of GIS and/or map requests as required;
- Checks and evaluates assignments for accuracy in terms of data completeness, consistency, currency and conformance with design criteria; and
- Performs related duties as assigned.

**KNOWLEDGE, SKILLS AND ABILITIES:**

<b>KNOWLEDGE:</b>	<ul style="list-style-type: none"> <li>▪ Knowledge of ESRI's ArcGIS software will be an asset</li> <li>▪ Knowledge of coordinate systems and cartographic standards</li> <li>▪ Knowledge of modern component-based GIS tools for land and agriculturally related GIS use cases</li> <li>▪ Working knowledge of Microsoft Office Suite</li> <li>▪ Standard report writing skills</li> </ul>
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<b>SKILLS AND ABILITIES:</b>	<ul style="list-style-type: none"> <li>▪ Strong inclination for technology and ability to troubleshoot technical issues in the field.</li> <li>▪ Ability to read and create digital plans/maps and to read cadastral plans Ability to read and understand deeds and legal instruments related to land</li> </ul>
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**MINIMUM EXPERIENCE AND TRAINING:**

- Associate Degree, A'Levels, Diploma or Certificates in GIS, Civil Engineering, Land Surveying, Graphic Design or Computer Science together with two years' experience working with databases or geographic information systems in a land-related environment.
  - Any combination of relevant education and experience that provides the applicant with the desired skills, knowledge and ability required to perform the job.
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