



## **mineral resources**

Department:  
Mineral Resources  
**REPUBLIC OF SOUTH AFRICA**

### **SYLLABUS FOR THE FOR MINE SURVEYOR'S CERTIFICATE OF COMPETENCY**

**Framed in accordance with regulation 28.6, in force in terms of Schedule 4 of the Mine Health and Safety Act, 1996 (Act No 29 of 1996)**

#### **SURVEY 3**

**Calculation and interpretation of results in respect of surface and underground surveys with particular reference to:**

- Connection of surface and underground surveys
- Incline shafts and development tunnels
- Establishing and extending direction and grade
- Stope surveys by theodolites and tapes
- Determination of true North by gyro-theodolite
- Meridian convergence
- Baseline measurements
- Survey transformations

In addition to the above, any portion of syllabi for Survey 1 and Survey 2 may be included in the examination on this part.