RESECTION SEQUENCE

1.   SELECT THREE PROMINENT, WIDELY SPACED FEATURES THAT CAN BE RECOGNISED ON THE MAP AND ON THE GROUND. TWO FEATURES CAN BE USED TO OBTAIN AN APPROXIMATE POSITION.

2.   ON THE GROUND, TAKE MAGNETIC BEARINGS TO THESE FEATURES WITH A COMPASS

3.   CONVERT THESE MAGNETIC BEARINGS TO GRID BEARINGS (MGA).

4.   CONVERT THE GRID BEARINGS TO BACK BEARINGS (ADD OR SUBTRACT 3200 MILS).

5.   USING A PROTRACTOR, PLOT ON THE MAP THE BACK BEARINGS FROM THE IDENTIFIED FEATURES.

6.   THESE LINES WILL EITHER INTERSECT TO LOCATE YOUR POSITION OR FORM A SMALL TRIANGLE OF ERROR, WHICH WILL INDICATE THE AREA WHERE YOU'RE LOCATED.

EXAMPLE