Revised methodology for grid walking/traverses.

(developed from process used by Gatcombe Group)

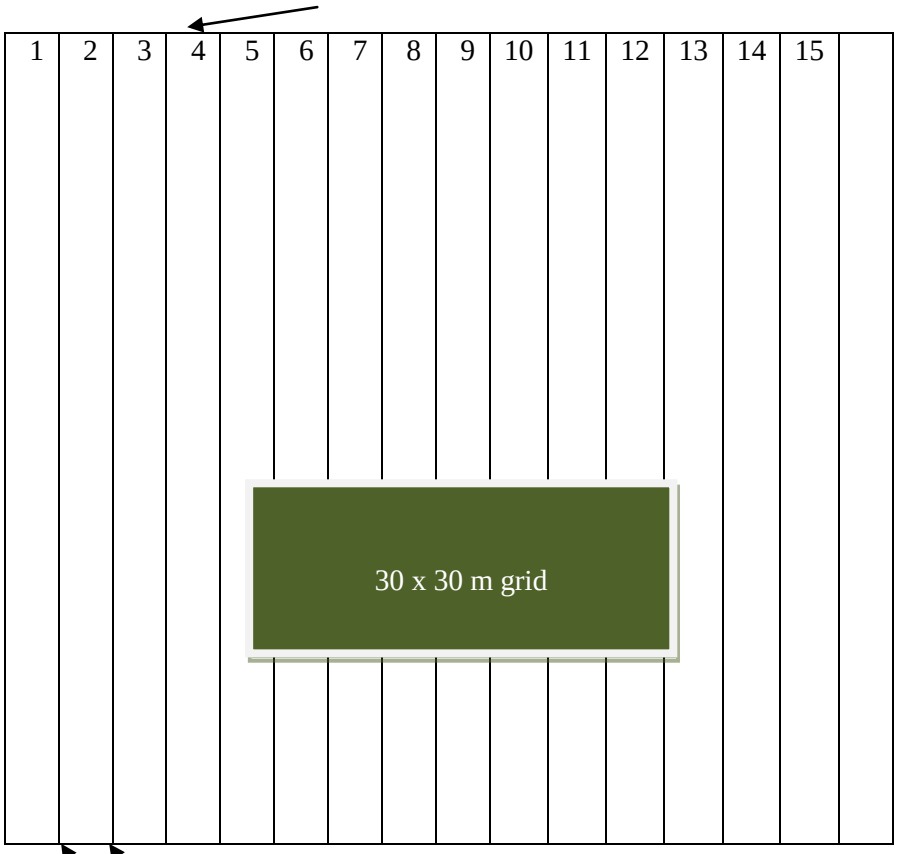
- Set out 30m x30m grids
- Run 100m tapes at right angles to direction of walking
- Place yellow coloured sighting poles at sides covered by 100m tapes at a distance of 1m from start point
- Place red coloured sighting poles at sides covered by 100m tapes at a distance of 3m from start point
- Start first traverse i.e. at 1m from start point
- Complete traverse and start return at 3m point
- Whilst 3m traverse taking place move yellow coloured poles from 1 m to 5 m point.
- When 3m traverse completed, start 5m traverse.
- Whilst 5m traverse taking place move red coloured pole on 3m to 7m
- Repeat to end. As a check, the last traverse in a grid should be on yellow coloured poles.
- Record readings in field book and start next grid.
- Each grid will take about 5mintes
- Process requires 3 people; one doing traverse and two moving coloured poles.

Geo location of survey base line – current methodology

- After using a series of methods the following has been found to be best
- the Base lines for surveys are geo-located using the Group's GPS
- Eastings and Northings are plotted and tested using regression analysis. Ideally the answer should be 1
- Similar processes have been used to check the grids set out from the baseline. Ideally the answer should be 90^{o}

Diagrammatic representation of grid walking layout.

Traverse numbers on Grad 601



Yellow pole	)
	) start positions
Red poles	)

Yellow coloured poles at traverses 1,3,5,7,9,11,13,15 which equate to distances

1,5,9,13,17,21,25,29

Red coloured poles at traverses 2,4,6,8,10,12,14 which equate to distances

3,7,11,15,19,23,27