



Search & Rescue Challenge Badge

Terrain Analysis



“By carefully studying the map and the geographic information of the natural and manmade features in the area, it should be possible to determine the effect it will have on any search operations.”

How to use terrain analysis

Look for the areas that match where the category of missing person is found

Look for paths that offer the least resistance, use contour lines for this

If they have a mobile phone they may gain height to get a signal

Use aerial maps to see how dense woods are

Why use terrain analysis?

Identify any areas likely to attract missing persons

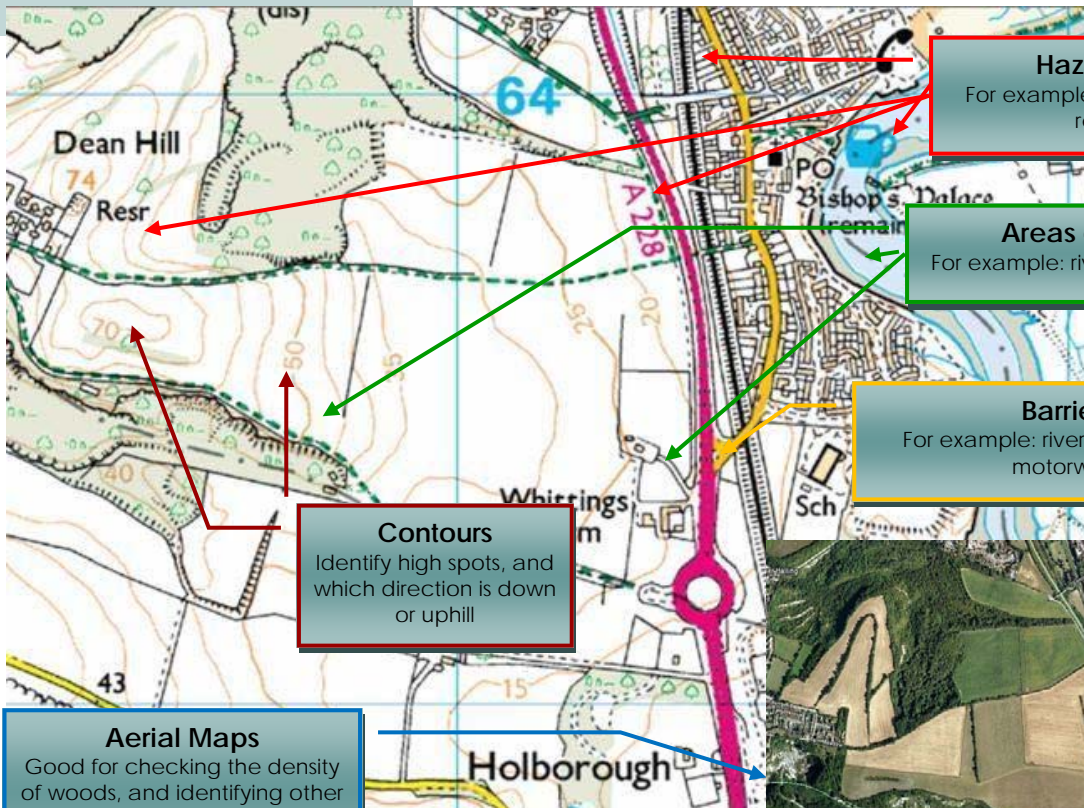
Identify any hazardous areas

Identify high priority areas to be searched

Identify locations that may attract the missing person

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Hazardous Areas

For example: roads, railways, rivers, reservoirs etc.

Areas of Attraction

For example: rivers, woods, structures

Barriers

For example: rivers, railway lines, motorways

Contours

Identify high spots, and which direction is down or uphill

Aerial Maps

Good for checking the density of woods, and identifying other paths that might not be on the map