

CQ COLOGNE

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advice on uxo clearance

consultation du depollution pyrotechnique
beratung kampfmittelräumung
advies explosievenopsporing
rådgiving rydning af ammunition

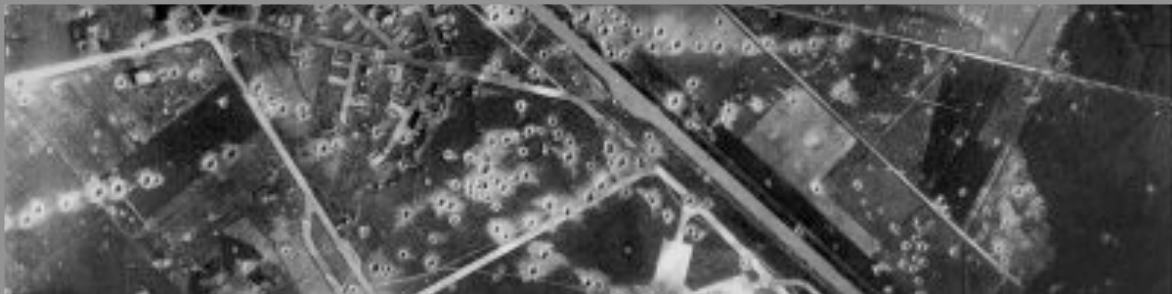
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Everyday, in many places in Europe and Britain, UneXploded Ordnance (UXO) and/ or UneXploded Bombs (UXB) from World War One and Two, are found spontaneous by excavation works .

As a result of deterioration by time and /or insufficient adequate handling, these found explosives can form an immediate and huge risk for human and surroundings.

Various national Laws oblige you to do risk assessments on several factors, and some already now include the UXO /UXB component.

Would you take a risk on this without doing anything?



When you plan your project, you should want to know if there is a risk on UXO /UXB and if, to which extent and how this can be minimized.

It is recommended to start on time, so there will not occur any delay for your project.

Part I: Historical Desk Study

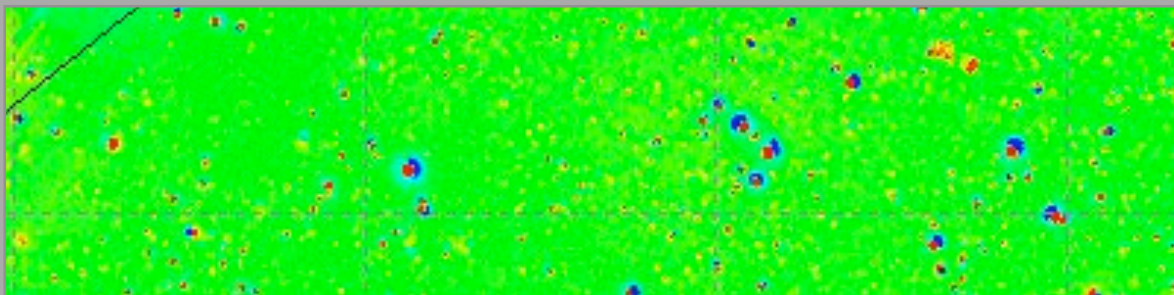
As the first step in the UXO /UXB clearance process, a Historical Desk Study should be carried out. Available 'fact' information is gathered systematically and analyzed by means of a comprehensive (risk assessment) desk study, in order to result in a risk analysis in which the actual threat, if present, is made visible in a qualitative and quantitative way.

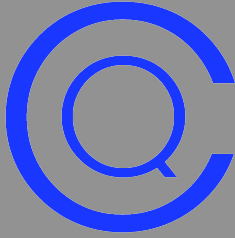




Part II: None Destructive Geophysical Methods

Once a risk /threat is made visible in the Desk Study, a next refining step in the clearance process can be done. When done properly, the area for further study has been defined in the Desk Study and its borders (depth) have been defined by the Risk Analysis. This 3D defined Area can now, in most cases, be studied by means of (different) geophysical methods; the Geophysical Survey. In order to gain repetitive data and 'proof', this can be done computer aided and with DGPS- data collection. A selection of methods exist, each





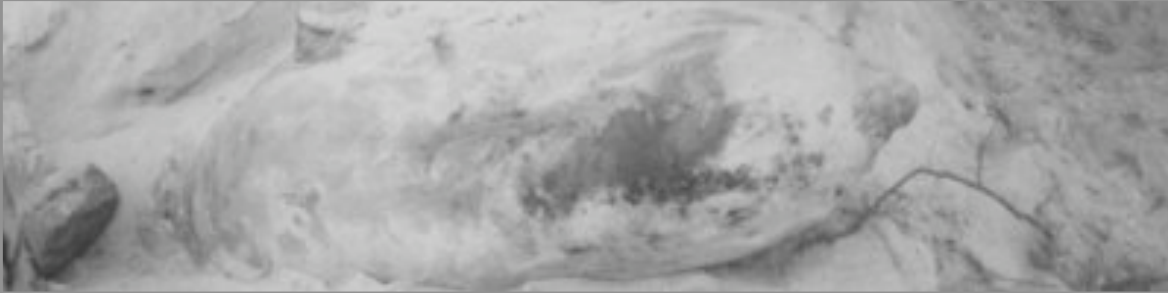
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Part III : The UXO /UXB Clearance

The combined results of the Historical Desk Study and the Geophysical Survey forms the solid base for the last part of the process, the UXO /UXB clearance itself.

Before starting, all relevant aspects /risks are described/defined in a Project plan, to make sure that this final, most risky part is carried out according all Safety standards.

A separate Risk Analysis, as a part of Project plan of the clearance activities is done, including used clearance method / personnel /responsibilities and authorities involved.

After the UXO /UXB clearance itself, the final results should be compared with those of the Historical Desk Study and Geophysical Survey before the site is filed " free from UXO / UXB".



CQ COLOGNE knows, through international and up-to-date experience, the ins and outs of these investigations.

She advises, sets up, guides and accompanies them for you from the very beginning to the end; what to investigate, why and how, definition of possible goals in quantitative and qualitative means.

CQ COLOGNE is an independent, pragmatic, straight forward, listening and clear consultant.

Contact CQ COLOGNE for more information by phone / email or form.