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The Strategic Application of Forensic Detection Canines to Detect Clandestine Graves within Complex Geologic Contexts

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Properly trained, proficient, and validated human decomposition specific detection canines may be deployed within a geological strategic mission plan to locate buried human remains withindiverse geological contexts.

Their training is inclusive of double blind laboratory type screening of soil and groundwater samples. When samples are collected in accordance within a strategy formulated from geological survey and profiling, positivecanine responses may provide intelligence to identify specific geological contexts, such as hydroplanes, for further investigation.

This ability provides an opportunity for geologists, and search managers, to task the strategic planning of soil and groundwater recovery and canine sampling on a large scale, in quick time, in support of fast moving criminal investigations and natural disaster recovery missions.

Biography:

Martin Grime is a Subject Matter Expert in relation to the use of detection canines within Law Enforcement investigation of homicide. His experience includes support to the UK National Police Improvement Agency, European Defense Agency, Irish Prison Service, US Department of JusticeFBI, Australian Federal Police, States of Jersey Police, Police Scotland, England and Wales. Martin is a member of; International Union of Geological Sciences, Geosciences for Environmental Management, GIN, U.K Home Office - Centre for Applied Science and Technology – Search Technologies Academic Research Team. He is a Research Fellow at Staffordshire University, School of Law, Policing and Forensics.