

APPLYING ADVANCED GEOPHYSICAL CLASSIFICATION AT HIGH TARGET DENSITY SITES

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Over the course of the ESTCP demonstration program, advanced geophysical classification (AGC) techniques have been refined to address increasingly difficult challenges. This presentation will highlight ESTCP demonstration sites where high target densities posed unique challenges for successful AGC implementation. Algorithms and workflows developed to address high target densities at a range of ESTCP sites will be presented and the effectiveness of these methods will be assessed. We also show how lessons learned from high density ESTCP live sites were applied to a recent MMRP Treatability Study at Mt Owen, CA. At this site dynamic and cued Man Portable Vector (MPV) advanced EMI data were acquired over a suspected burn pit that contained regions of high target densities.