

Optical Image Profiler (OIP)

S2C2 has been providing direct-sensing UV detection of petroleum NAPL for nearly 15 years, starting with a static push Fuel Fluorescence Detector (FFD) and now utilizing Geoprobe’s Optical Image Profiler (OIP). The OIP is capable of detecting and logging UV induced hydrocarbon fluorescence, as well as capturing visible images of the subsurface. In addition, the OIP uses a dipole Electrical Conductivity probe to determine relative soil types.

OIP Benefits:

Real-Time Data: Direct-sensing data allows for “in-field” decision making

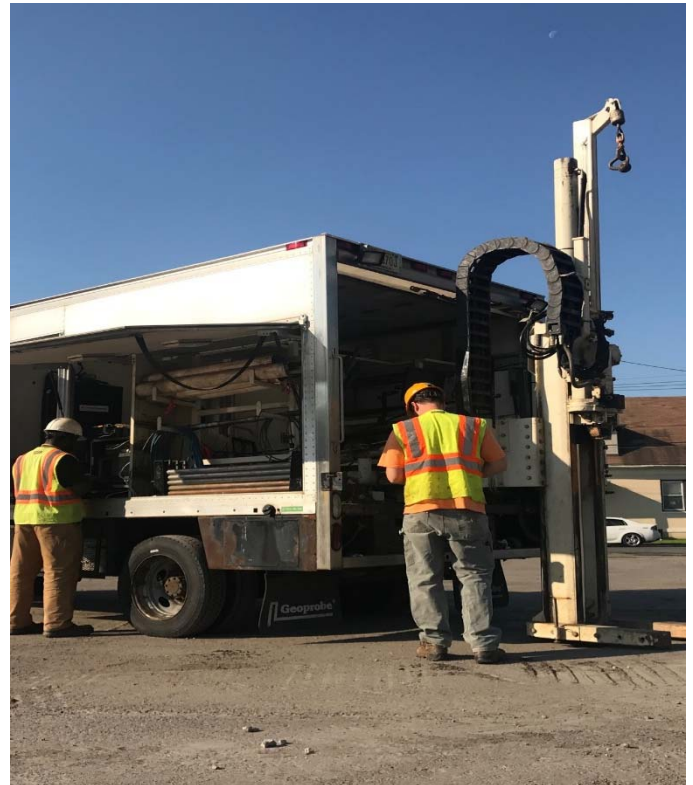
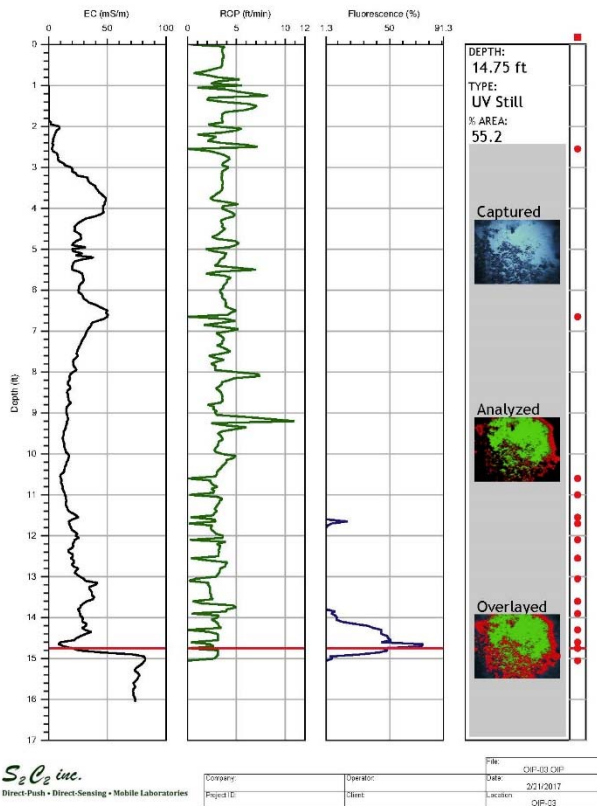
High Production Rates: Daily production rates >200’ per day

Flexible: Can be operated out of a variety of vehicles: support trucks, off-road Gator or limited access cart or on the direct-push unit itself

Proven Technology: UV technology for detecting NAPL has been around for decades. OIP is manufactured and supported by Geoprobe Systems

Data Density: Data collection every .05’

NO IDW: No soil cuttings, no purge water



Click on picture above for a video of the OIP in operation

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