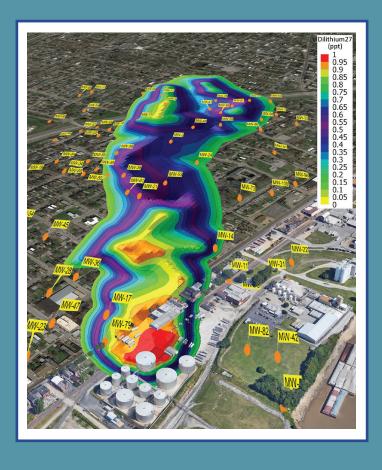


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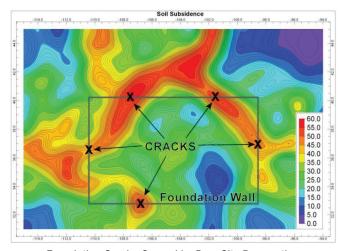
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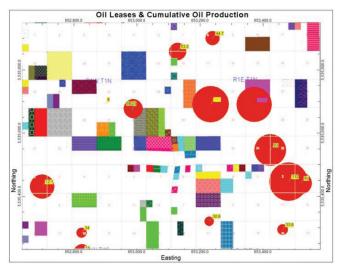
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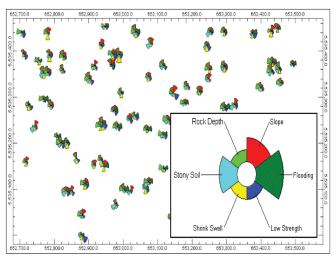
You provide the data, we'll provide the... Maps.



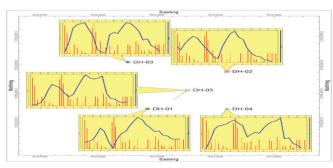
Foundation Cracks Caused by Poor Site Preparation



Cumulative Oilfield Production Map



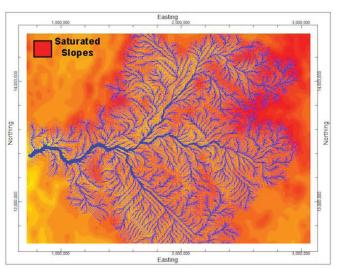
Housing Development Construction Hazard Map



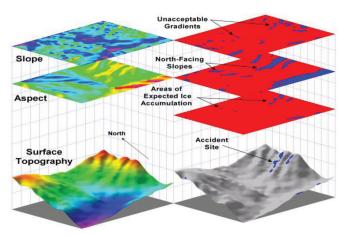
Groundwater Percolation Rates: As inferred from precipitation (red) and water table levels (blue)



Insurance Risk - Flood Susceptibilities

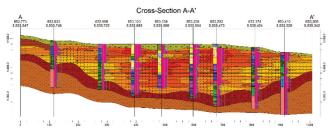


Insurance Risk – Saturated Slope Failure

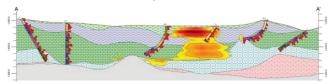


Accident Site Associated with Poor Zoning

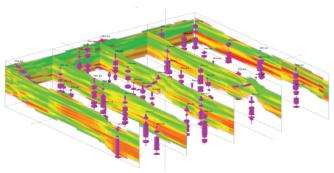
Cross-Sections



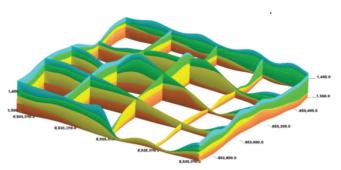
Soil Compaction Levels



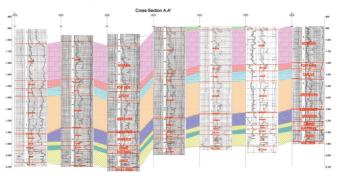
Slice Through Contaminated Site



Cross-Sections within Formation Porosity Model



Stratigraphic Layers Beneath Litigation Site

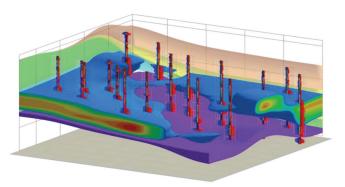


Correlated Petroleum Logs

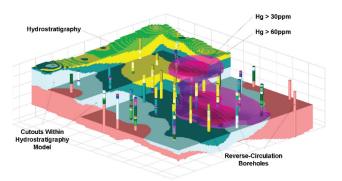


Hydrothermally Mineralized Vein

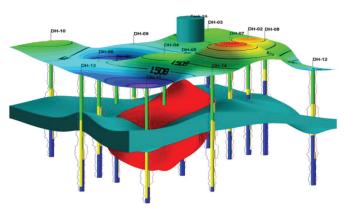
Three-Dimensional Diagrams



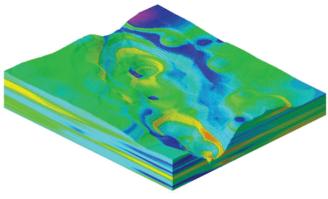
Hydrocarbon Reservoir



Hydrostratigraphy and Geochemistry

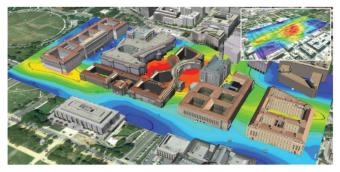


Contamination Plume from Leaking Surface Tank

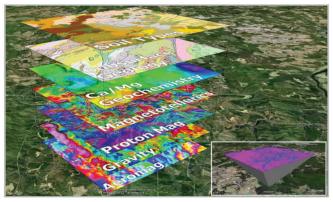


Complex, Inter-Fingered Geology Color-Coded by Hydraulic Conductivity

Video Animations



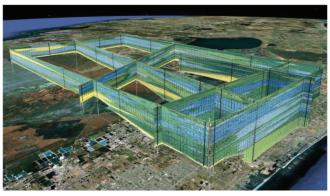
Time-Based Animation Depicting Changes in Foundation Level Moisture



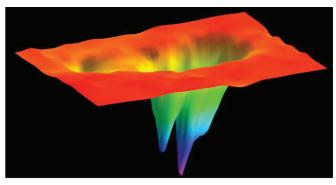
Virtual Tour Depicting Data Sets Available For Study Site as Floating Layers



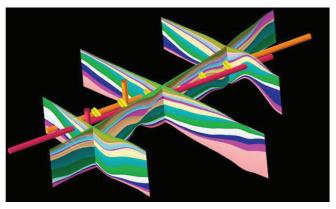
Virtual Tour Showing Visual Impact of Proposed Pipeline



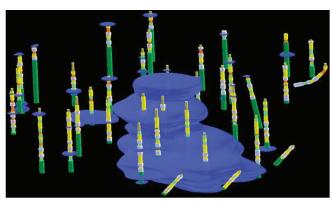
Virtual Tour Depicting Hydrostratigraphic Framework of Miami, Florida Area



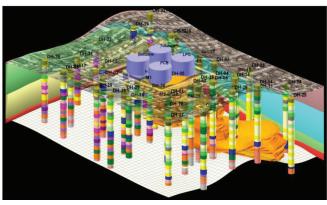
Time-Based Animation Depicting Water Table Drawdown from Over-Pumping Wells



Rotating Animation Depicting Pipeline Network Leaking in Shallow Stratigraphic Units

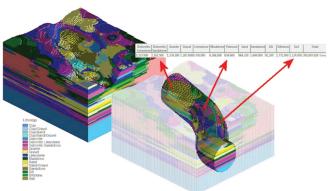


Time-Animation Video Depicting Reservoir Depletion

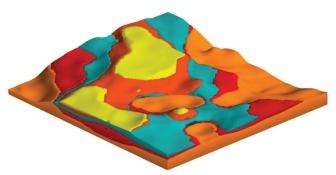


Site Overview: Viewer is gradually introduced to site via draped airphoto, followed by storage tanks, boreholes, stratigraphy and plume.

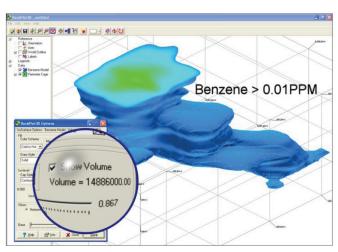
Volumetric Computations



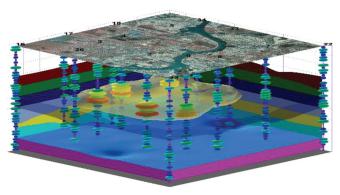
Material Volumetrics – Subway Tunneling Project



Shopping Center Site - Preparation Volumetrics

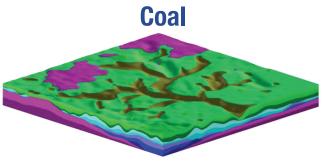


Contaminant Plume Volumetrics



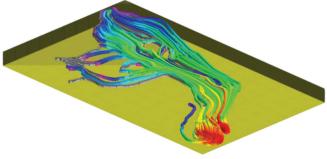
Hydrocarbon Reservoir Volumetrics

Expertise and Experience



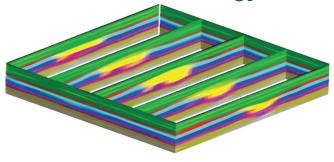
Paleochannels within Coal Seams

Environmental



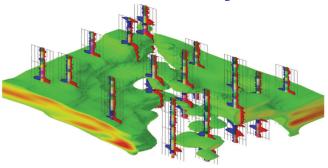
Time-Colored Particle Migration Flowpaths

Forensic Geology



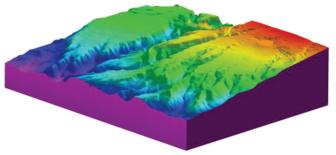
Cone Penetrometer Survey – Buried Evidence

Geochemistry



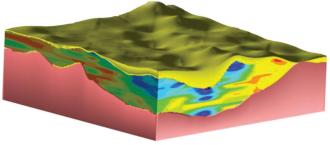
Geochemical Model - Groundwater Quality Evaluation

Geomorphology



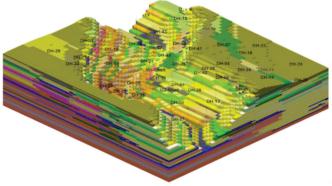
Surface Elevation Model

Geophysics



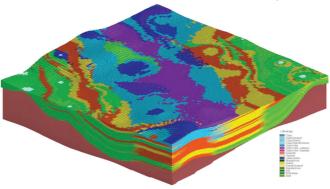
Ground Penetrating Radar (GPR) - Buried Landfill

Geotechnical

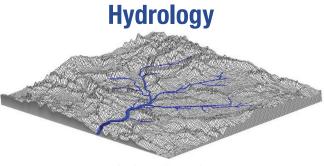


Material Properties within Failed Roadcut

Groundwater Modeling

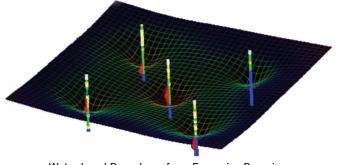


Lithotype Model Used as Input for MODFLOW K-Values (Hydraulic Conductivity)



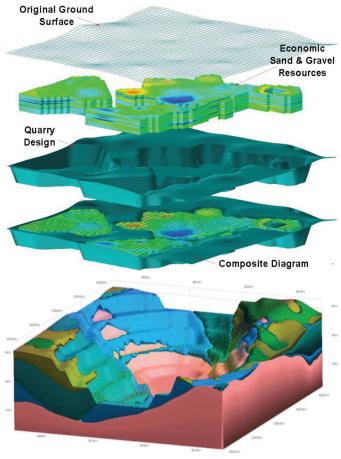
Drainage Network





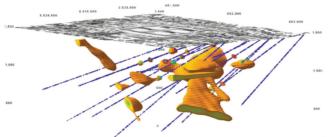
Water Level Drawdown from Excessive Pumping

Industrial Minerals

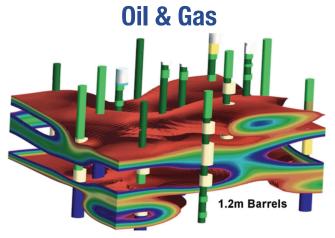


Open-Pit Mine & Ore Models - Sand & Gravel Deposits

Metals

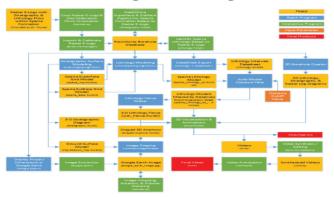


Boreholes Intercepting Ore Body

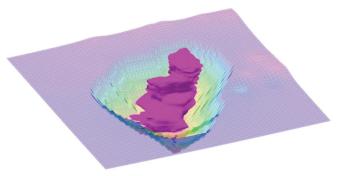


Producing Zones within Reworked Oil Field

Programming

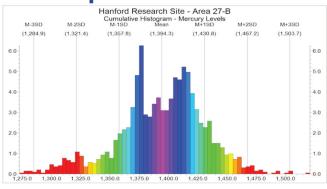


Remediation



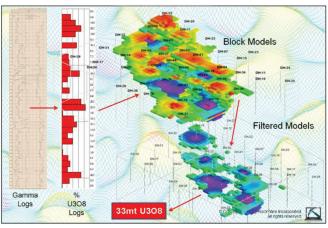
Excavation Required to Remove Contaminant

Spatial Statistics



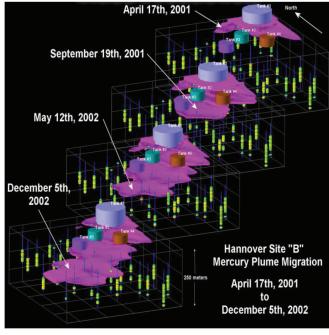
Mercury Distribution within Vadose Zone

Uranium



Uranium Resource Estimation

Video Production



Time-Sequence of Subsurface Mercury Plume Migration

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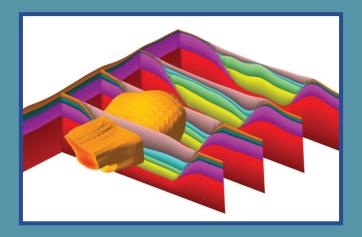
Kentucky Geological Survey

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2221 East Street
Golden, Colorado 80401
800-775-6745 (US)
+41 92 967 52 53 (Europe)
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