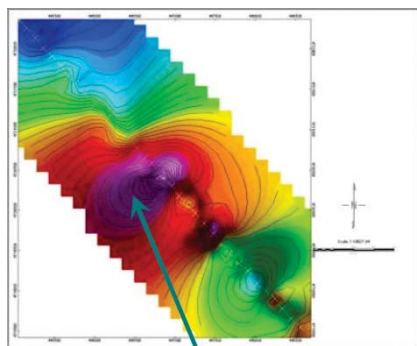
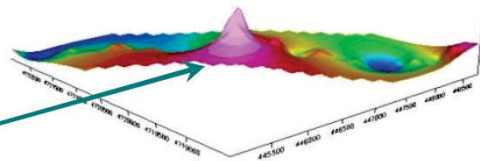


SGH Case Study: Wet Gas Play - Ontario

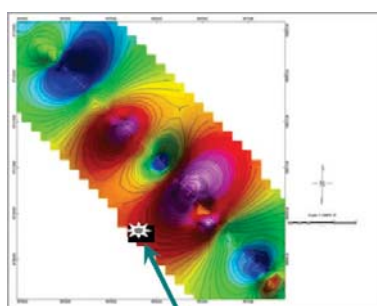


“Wet Gas Signature”

Gas well intersected two zones at 410 m and 535 m that reached down into the Grimsby formation.

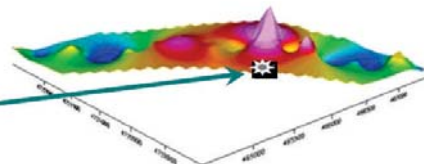


SGH can be used for petroleum exploration. Although the SGH signature for petroleum is different than that for mineral targets, the geochromatography is the same. This transect of B-horizon soil samples, taken in February and March of 2005, was taken along the road right-of-way. There was no interference to the SGH data from activity on this paved road.



Producing Gas Well

SGH anomaly was directly adjacent to another gas-producing well from this roadside sampling conducted in the same township.



A second case study again showed excellent agreement with the location of a nearby gas well. Samples were taken from the road right-of-way for this client by Actlabs’ personnel. The SGH signature contained light aromatic compounds that was consistent with the condensate of this “wet gas” play.