



Voisey's Bay 'Step' Discovery

At Crone, we have developed and proven a Step response transformation of Pulse-EM data to allow for the detection and discrimination of extremely high conductance targets, such as nickel ore bodies. Using Step response, we can discriminate, model and interpret conductors that are missed by other TDEM systems or that are lumped together for having unresolved high conductance.

In this example from Voiseys Bay, a down hole Pulse-EM survey was conducted on Hole A. The off time data suggests an in-hole conductor that sits up-dip and to the right, while the Calculated Step from this data set suggests the more conductive mineral is in fact off-hole, down dip, and to the left.

Drill Hole-A Pulse EM Data

