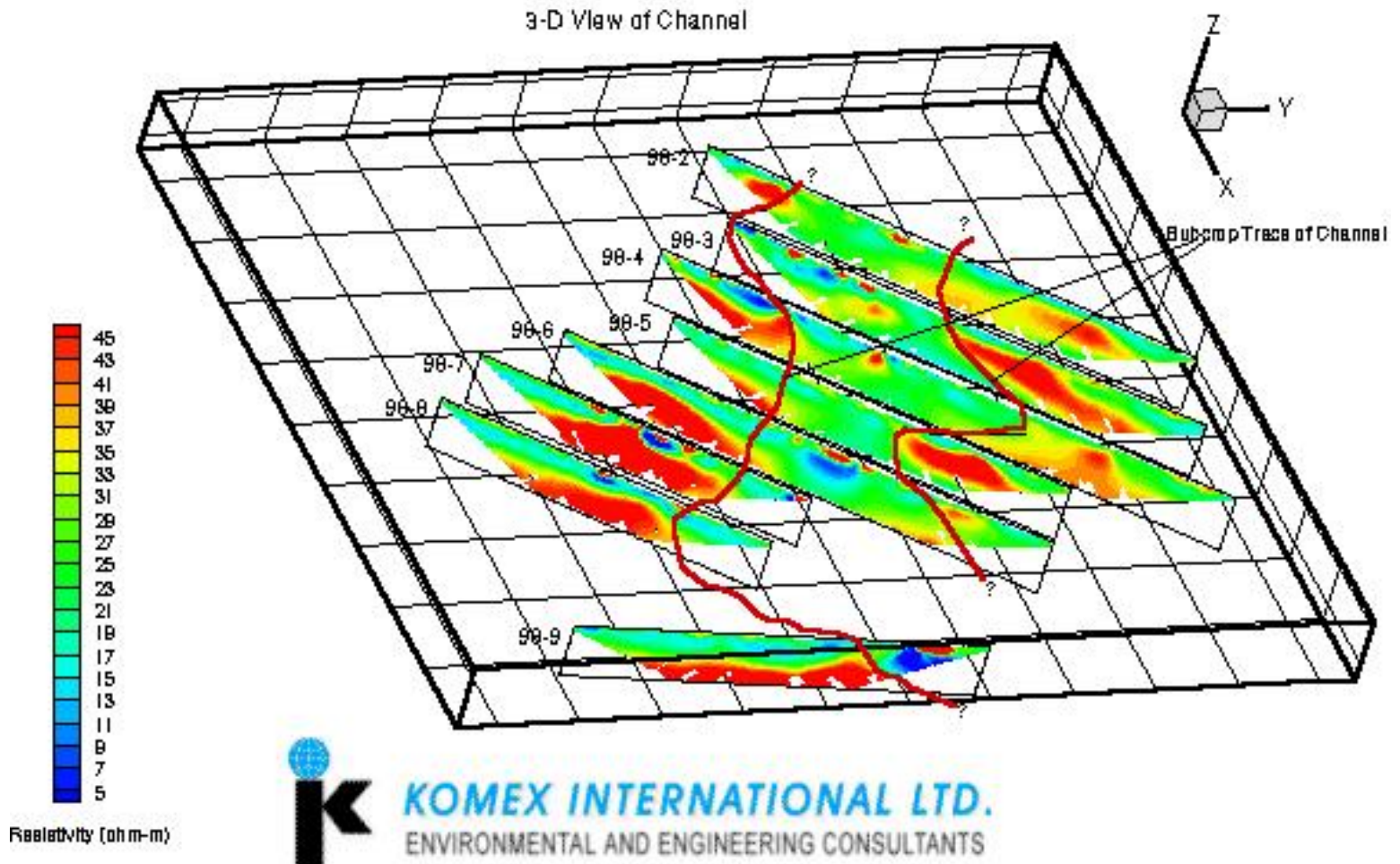


# Glacial Scour Channel



This survey was located at a coal mine in central Alberta. The primary objective of the survey was to precisely define where a glacial scour channel had eroded mineable coal seams.

Analysis of ERT data acquired at this site outlines a potential channel that has eroded mineable coal seams. The accompanying figure is a composite of the eight resistivity sections collected in the area. The trend of the channel has been identified through the eight resistivity sections and trends primarily northwest-southeast. The southerly edge of the channel, displayed exceptionally well on the resistivity sections, is characterized by steep banks throughout the mapped length of the channel. The northerly edge appears steeply banked only on line 98-3 and 98-5 (Lines 98-7, 98-8, and 98-9 were not extended far enough to intersect the northerly edge of the channel), and appears beach-like on lines 98-2 and 98-4.

Courtesy of Komex International Ltd, Calgary, Canada.

Data was measured with ABEM Terrameter SAS 4000 and ABEM LUND Imaging System.