



- This site was a pilot project to demonstrate the movement of sodium and chloride ions at a site with moderate salinity impacts. **Solution:**
- **EKOGRID™** unit was setup on site with three rows of electrodes installed to 2 meters below surface and configured for the center row to act as a cathode and the outer rows to act as anodes.
- After 7 days, groundwater from the site was collected from each row and analyzed for salinity parameters.
- **Results:**
- Reported in the diagram on the left
- Ions are shown as a percent abundance at each sampling location.
- Sodium was found to move to the cathodes while chloride moved to the anodes.



Case 7: Salt Movement Demonstration, Canada