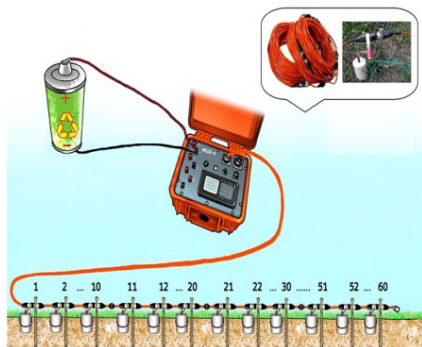


FACT SHEET

Induced Polarisation Survey

What is an Induced Polarisation (IP) survey?

IP surveys are an active 'remote sensing' technique that measures how electrical current flows through the ground.



Why use IP surveys?

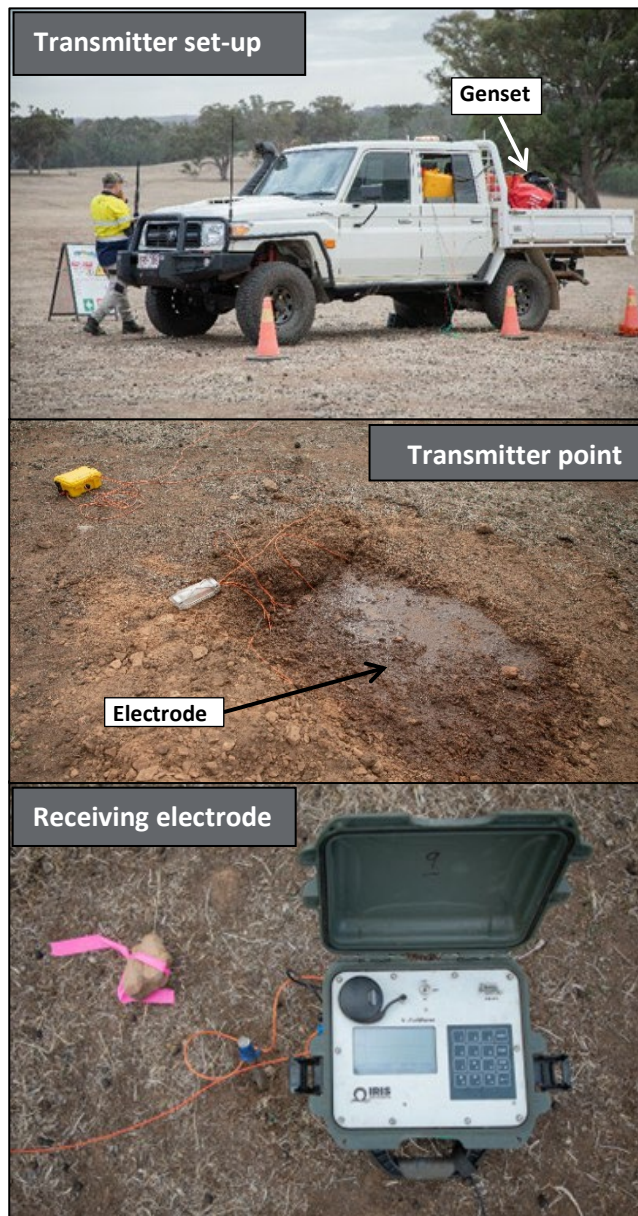
The goal of an IP survey is to map subsurface structures and gold bearing sulphides for follow up exploration.

What is involved in the survey?

- Equipment used in the survey include: a Ute with a genset and transmitter/receiver box, bentonite (clay used to enhance electrical contact), wire cables and 2 different types of "electrodes".
- The steps involved in conducting the survey are:
 - Survey the grid line and mark where data will be collected. Each survey point is approximately 50 – 100 m apart.
 - Prepare receiver array. This involves laying wires and installing receiver electrode.
 - Prepare the transmitter pit. This involves digging a small pit and adding a mixture containing bentonite soil and water.
 - Prepare transmitter arrays. This involves laying wire and installing transmitter electrodes which consist of a metal plate placed in the pit.
 - Data is then collected via transmitting and receiving electrical signals.
- The survey lines are carefully selected to minimize impacts to land use.
- You may see highly visible contract crews of 3 to 4 people working along road verges, within private property and council reserves, where appropriate consent and permitting has been received.

What is the impact?

- A small pit, 1 m x 1 m, and ~30 cm deep, is dug for the transmitter electrode.
- The impact is minimal because the holes are filled in and rehabilitated, leaving the ground in good condition.
- This can all be done whilst livestock are within the same paddock.
- All activities are thoroughly assessed and precautions put in place to ensure the safety of workers, bystanders, livestock and the environment.



How do I find out more?

Please contact the Fosterville Gold Mine Community Team via the general enquiries email and phone details below:

Phone: 03 5439 9300

Email: fgm.community@agnicoeagle.com

Website: fgmcommunity.com.au

For more information about your rights as a landholder in the Land Access Guide, developed jointly by MCA Victoria and the Victorian Farmers Federation, scan here.



If you would prefer a physical copy of the guide, please contact a member of the Fosterville Gold Mine community team.