

INDUCED POLARISATION SURVEY

METHOD:

Frequency domain equipment supplied and operated by McPhar Geophysics Australia Pty. Ltd. was used on this project. Two extra field assistants were supplied by Cyprus to assist in this difficult terrain. 300 feet spreads, using dipole - dipole configuration, were chosen as the basic testing of each line chosen for I.P. Line 13500TN was also surveyed with a 500 feet and a series of 100 feet spreads to obtain additional data to assist in the evaluation of the results,

RESULTS:

An area of low resistivity values was detected in the southeastern part of the grid, although corresponding apparent frequency effects were generally uniform and low.

Resistivity was useful for differentiating rock types. High values close to the King Gold Mine probably represent quartz veins.

On line 13500TN, the trends in the 300 feet, 500 feet and 100 feet spreads are similar. This suggests that the I.P. survey has been able to penetrate the conductive? clay horizon. The results although disappointing are thought to be meaningful.