

A broad zone of low values is present on lines 2540S, 2340S and 2130S, immediately to the west of the previous definite response. This broad zone is best seen on line 2340S:1030W-1300W, where it can be related to a series of acid crystal tuffs and quartz felspar porphyry.

A detailed interpretation by a geophysicist will be necessary in order to fully understand the significance of the results in relation to the geology.

7.3. Induced Polarisation Surveys

A total of seven Induced Polarisation traverses were completed in the area during 1978, four at East Chester and three at Pinnacles.

7.3.1. Pinnacles Grid (EAA)

The three northern traverses, 415S, 600S and 800S, were tested by Induced Polarisation. There is one moderate amplitude anomaly (12 ms) occurring on all three lines, located at:

415S: 1620W
600S: 1680W
800S: 1740W

The source appears to have greatest width (20-60m) on line 600S, and lies less than 25m subsurface. The chargeability anomaly has no distinctive correlating resistivity anomaly. The anomaly has a strike coincident with the east limb of the Que Syncline, and is approximately on strike from a pyrite black shale unit exposed in a costean access track north of 415S:1500W.

7.3.2. East Chester Grid (EAB)

Four Induced Polarisation traverses were completed as follows:

2340S: 860W - 1540W
2750S: 1000W - 1720W
2750S: 120E - 600W
3150S: 120E - 600W

One Induced Polarisation anomaly occurs and is evident on two lines: