

## THE SOCIETY'S NEW RESISTIVITY METER

Earlier this year the Society obtained a grant through the North York Moors National Park 'Land of Iron' project which allowed us to buy a resistivity meter. This will help us carry out geophysical surveys on known and potential archaeological sites so as to provide us with more information about them.



**Funding raised by  
The National Lottery**  
and awarded by the Heritage Lottery Fund



**David Ross Foundation**  
Broadening Horizons

We purchased a TAR-3 meter from R M Frobisher and this was delivered to us in February. On 24<sup>th</sup> March we held two training sessions, morning and afternoon for 8 members of the field team on a field at Brompton by Sawdon.

We held further training session on 9<sup>th</sup> and 16<sup>th</sup> June (two each day) for a wider group of people including our colleagues from Brompton Local History Society when a further 20 people were trained in the use of the meter.



Terrence from R M Frobisher demonstrating assembly of the equipment

As part of the grant agreement we have to do a certain amount of work for the 'Land of Iron' project and on 15<sup>th</sup> June we carried out our first assignment at Goatland incline top. The purpose of this work was to hopefully cast more light on this important early railway site including information on the turntable, the incline winding arrangements and the area near to the reservoir.



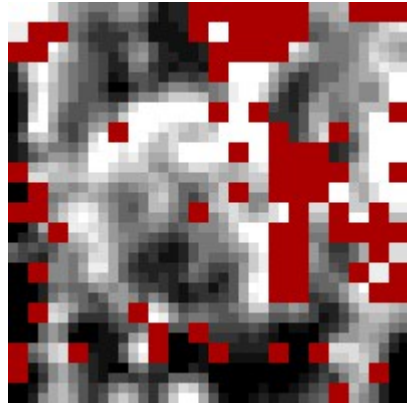
Resistivity meter in use at Goathland, magnetometer in the background

We were joined by our friends and colleagues Alison Spencer and David Snowden from Fridaythorpe Fimber and Wetwang Archaeology Project who brought along their magnetometer to supplement the resistivity survey.

We were also joined by two National Park staff; Maria Calderon Cultural Heritage Officer in the 'Land of Iron' project and Jo Collins Monuments for the Future Volunteers and Community Officer who was with us to learn about geophysical survey.



Moving the grid line before doing another transect



These are the results for Area 1 which is located to the east of the footpath and to the south of the houses. The engine turntable of 1845 can clearly be seen as a circular feature in the centre. The other two survey areas did not provide any compelling results

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