

## Downloading to ArcheoSurveyor

Both machines

### New sites

First create a site name. Click on gradiometer or resistivity, then new site.

Fill in the site name in the two boxes

Go to list under gradiometer or resistivity and highlight **new site** name

If you are adding to an existing site click on the name of the site

Click **download**

Boxes will appear as follows

### RM 15

Download

**Template**

Templates

- Bartington Grad 601
- GeoScan FM256
- GeoScan FM36
- GeoScan RM15
- TR/CIA Resistivity Meter

Protocol: GeoScan RM15

Override Instrument set values

Metadata

Type: Resistance

Desig.: GeoScan

Units: Ohm

Check Comm Ports

Save < Back Next > Cancel

Complete these boxes

Download

### Source Settings

Traverse Mode  
 Zig-Zag  Parallel

1st Traverse Direction  
180 deg

Sensors/Probe Pairs  
Pairs: 1  
Pair Spacing: 1 m

Save < Back Next > Cancel

**Complete box**

Download

### Output Settings

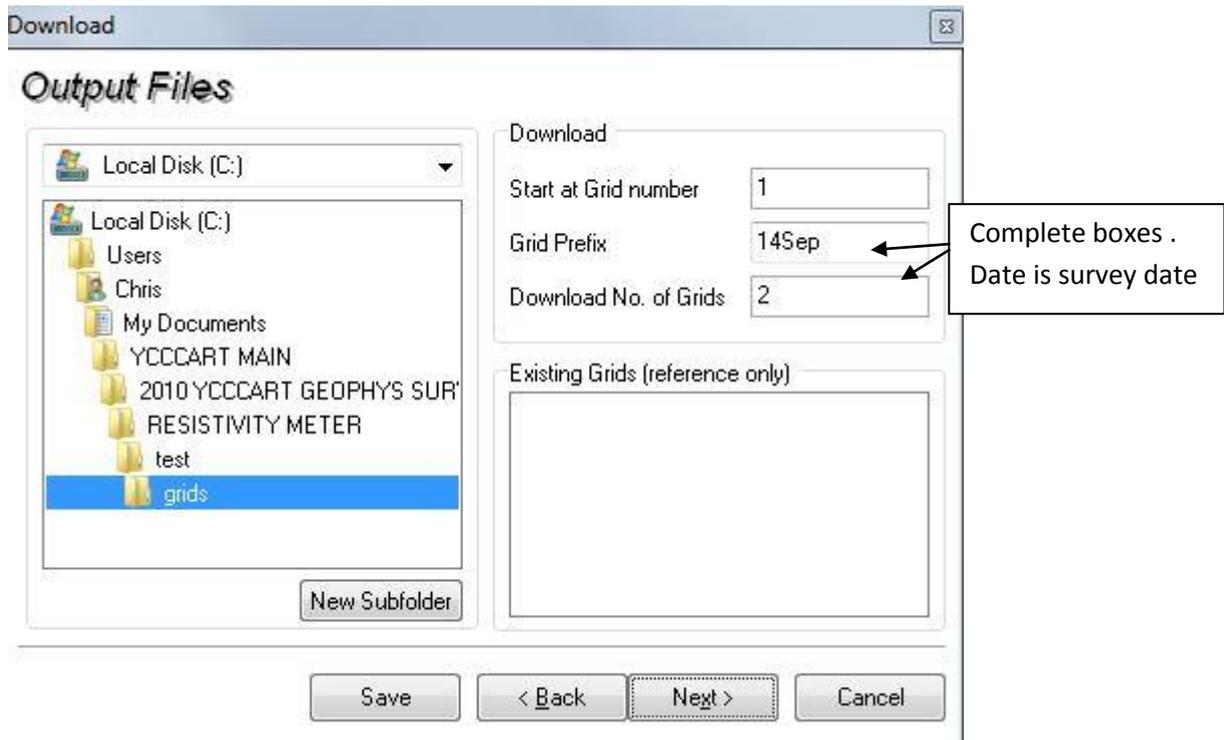
Survey

	X (sampling)	Y (Traverse)
Grid Size	20 m	20 m
Interval	1 m	1 m

Cust Vals

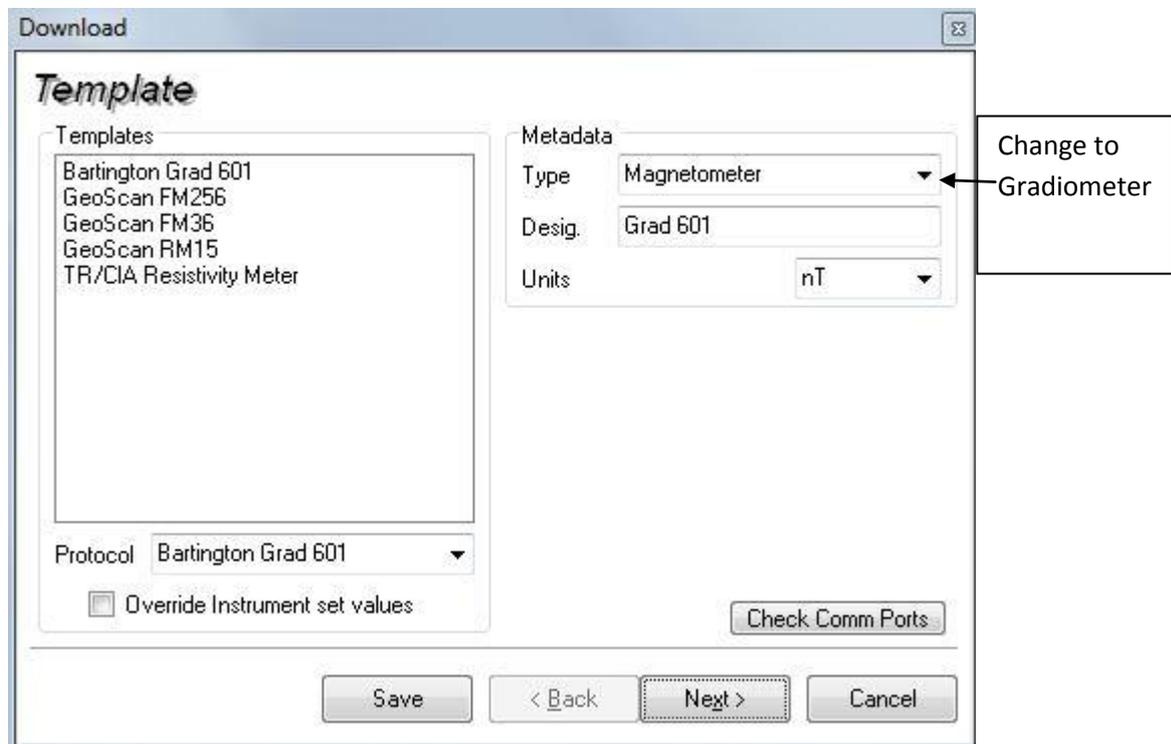
Save < Back Next > Cancel

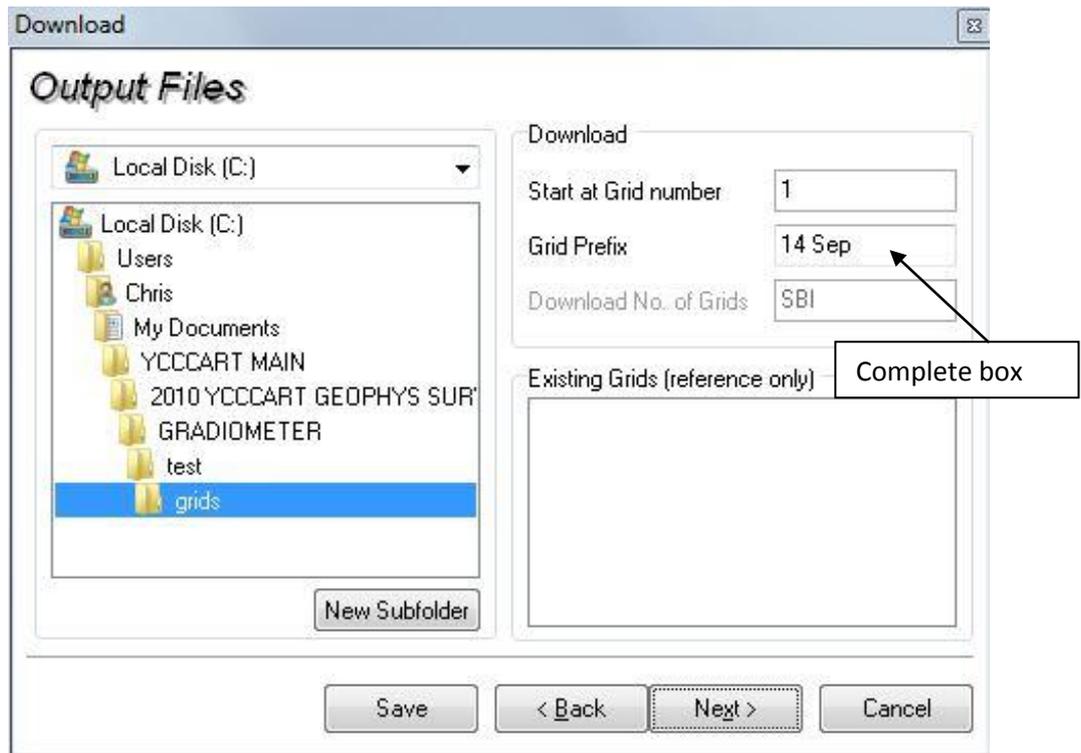
**Complete boxes**



**Click next and follow instructions**

### Grad 601



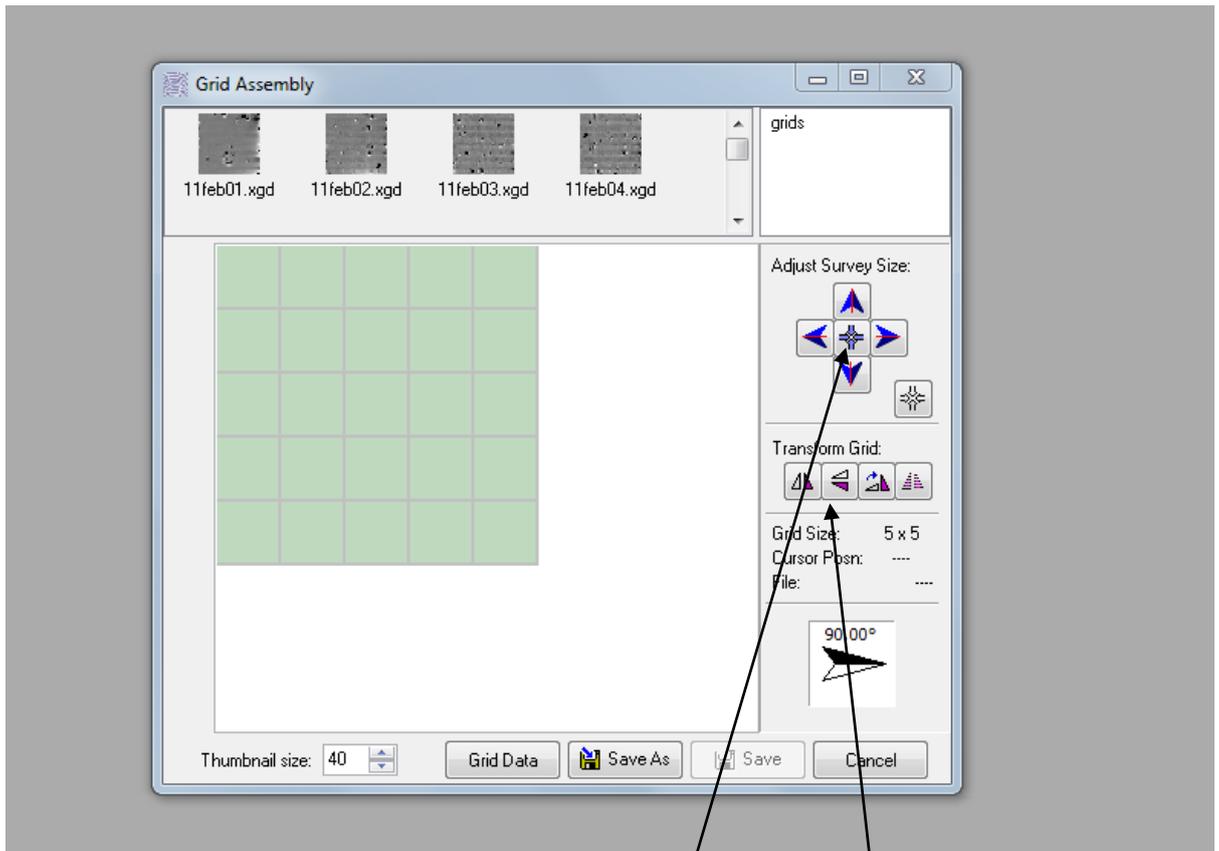


**Follow instructions on next box**



When download complete you will have to build the composite from individual grids then save the composite.

## Assembling grids

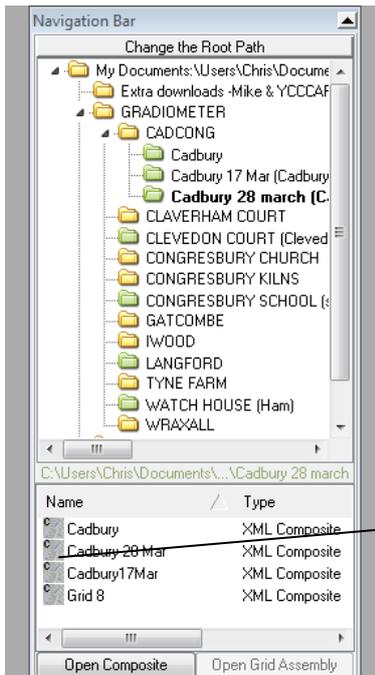


First determine which way to build composite so all grids will fit

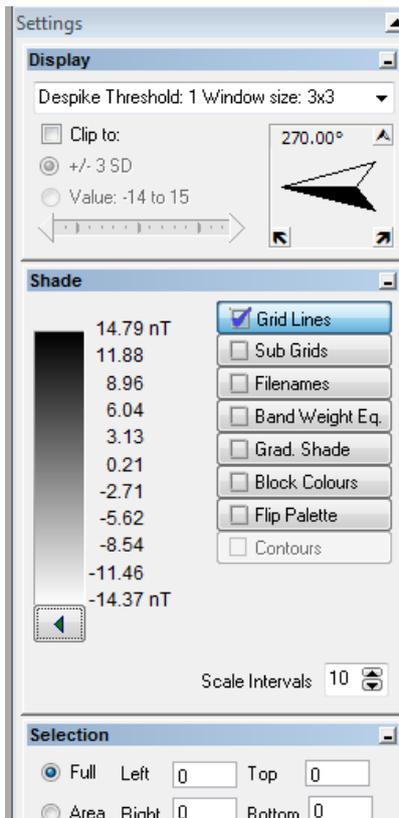
To change direction of grid, click on grid then click first two icons under *Transform grid*

Leave green area around grids by adjusting survey size. Arrows will increase grid area. If you press the centre + arrows reverse and you can decrease size of grid area.

When composite complete click save as (Bottom of page) and give composite a title.

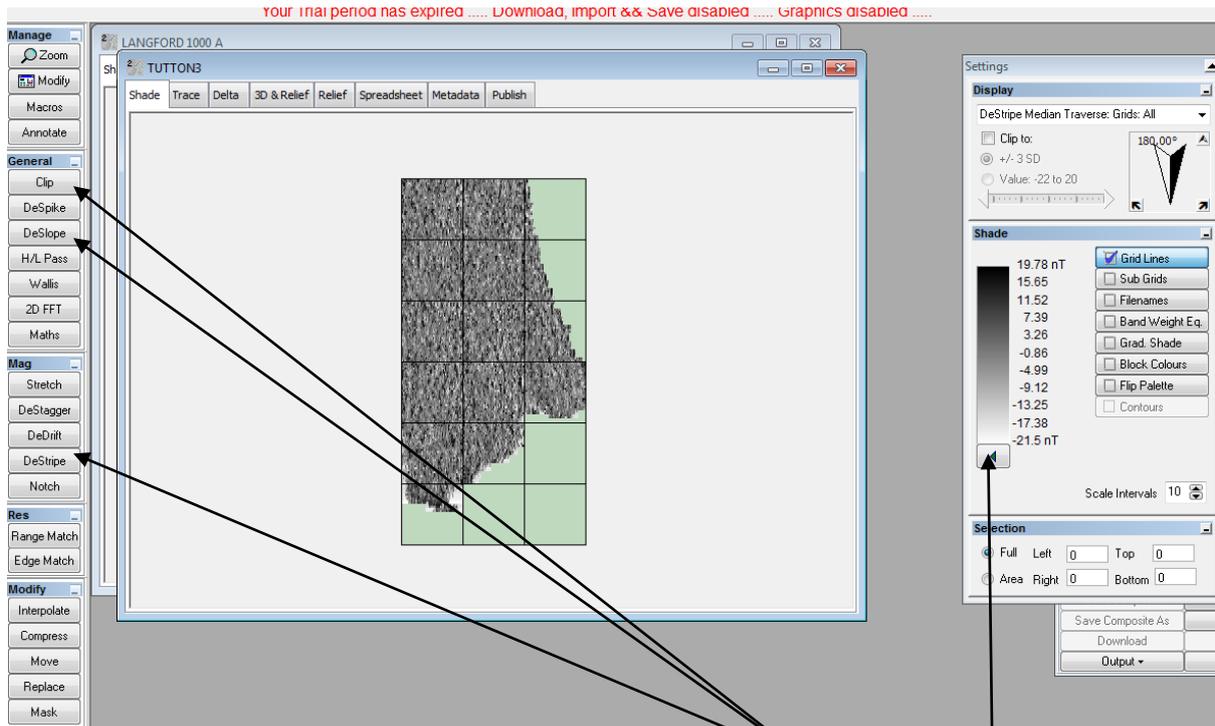


Double click composite name you have just allocated on navigation bar to open composite.



Now via Settings box apply filters

First band weight and grad shade (Tick boxes)



Then apply clip (adjust to value 2), despike and destripe

When complete you can change colour by clicking box under Shade

Also you can explore image via 3d (Along bar starting with *Shade*)

Results can be saved via file (Top left)

Exit composite via same *file* and confirm YES when it asks you if you want to save changes