## 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

Templates	Metadat	a			Complete
Bartington Grad 601	] Type	Resistance		•	these
GeoScan FM36	Desig.	GeoScan 🔺			boxes
GeoScan RM15 TR/CIA Resistivity Meter	Units		Ohm	-	

Traverse Mode Zig-Zag	Parallel	Complete box
1st Traverse Direction	2	
Sensors/Probe Pairs Pairs	1	
Pair Spacing	1 m	

urvey	X (samp	ling)	Y (Trave	erse)			
rid Size	20 m	857	20 m		Complete	e boxes	
nterval	1 m	8¥	1 m	•	•		
			Cust	/als			
			8				

Output Files	Download		
🕌 Local Disk (C:) 🔹 👻	Start at Grid number	1	
Local Disk (C:)	Grid Prefix	14Sep 🔶	Complete boxes .
Chris	Download No. of Grids	2	Date is survey date
VCCCART MAIN 2010 YCCCART GEOPHYS SUR' RESISTIVITY METER test grids	Existing Grids (reference	only)	
New Subfolder		10000	

# Click next and follow instructions

## Grad 601

Templates	Metadat				
Bartington Grad 601		Magnetometer		-	Change to
GeoScan FM256 GeoScan FM36 GeoScan RM15 TR/CIA Resistivity Meter	Desig.	Grad 601			Gradiometer
	Units		nī 👻		

Local Disk (C:)	Download Start at Grid number	1
Local Disk (L:) Users Chris My Documents VCCCART MAIN CCCART MAIN GRADIOMETER	Grid Prefix Download No. of Grids Existing Grids (reference	14 Sep SBI conly) Complete box
New Subfolder		

Follow instructions on next box

1	Press "N	lext Ins	truction'	' below.	
		Next In:	struction		

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

## **Assembling grids**

Grid Asser	nbly 11feb02.xgd	11feb03.xgd	11feb04.xgd	gids
Thumbnail	size: 40	Grid Data	Save As	Adjust Survey Size:

First determine which way to build composite so all grids w/II 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.<sup>7</sup> 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.

Settings	-
Display	_
Despike Threshold: 1 \	Window size: 3x3 🔹 👻
🔲 Clip to:	270.00° 🔺
⊚ +/-3SD	
Value: -14 to 15	
A	
Shade	_
14 79 nT	🗹 Grid Lines
11.88	🔲 Sub Grids
8.96	🔲 Filenames
6.04	🔲 Band Weight Eq.
3.13	🔲 Grad. Shade
-2.71	Block Colours
-5.62	🔲 Flip Palette
-8.54	Contours
-11.46	
-14.37 111	
s	icale Intervals 10 🝧
Selection	_
● Full Left 0	Top 0
💿 Area Right 0	Bottom 0

Now via Settings box apply filters

First band weight and grad shade (Tick boxes)



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