

FUGRO AIRBORNE SURVEYS - TEMPEST SYSTEM - Woolner, NT

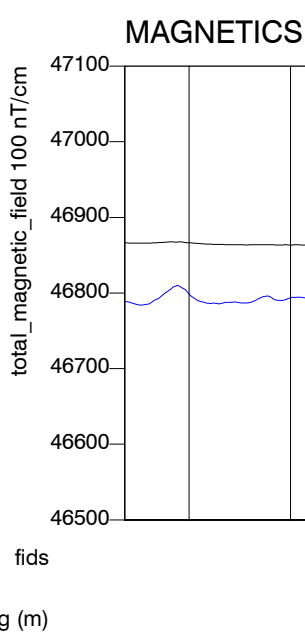
X-AXIS and Z-AXIS: B-FIELD (equivalent square wave response)  
EM profile data corrected for Tx pitch & roll, Tx-Rx geometry and Tx terrain clearance (to terrain clearance of 120m)  
Parallax of -1.6s applied to X-axis and -0.2s applied to Z-axis (appropriate for horizontal or broad conductors)  
CDI conductivities calculated from levelled height/pitch/roll/geometry corrected X-axis and Z-axis EM data

Line number: flight number : L3101704:30  
Line location : 6403.00 6534.80  
Fiducial range : 703488.2 8574926.8 711507.1 8574952.6  
Client : Geoscience Australia  
Contract : 2017 FAS, 1196 (GA)  
Date flown : October to December, 2008  
Job number : 2017 (FAS), 1196 (GA)  
Tx frequency : 25Hz

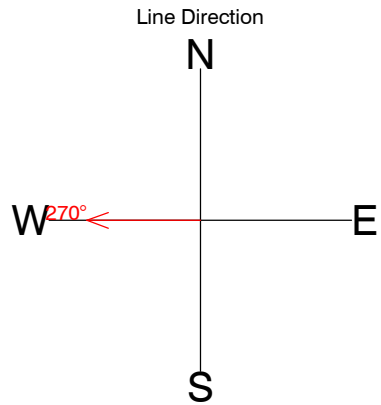
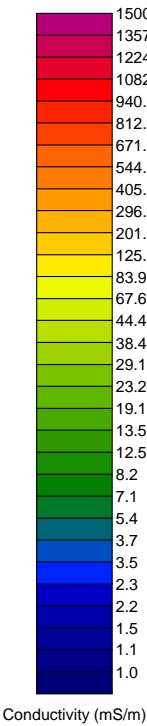
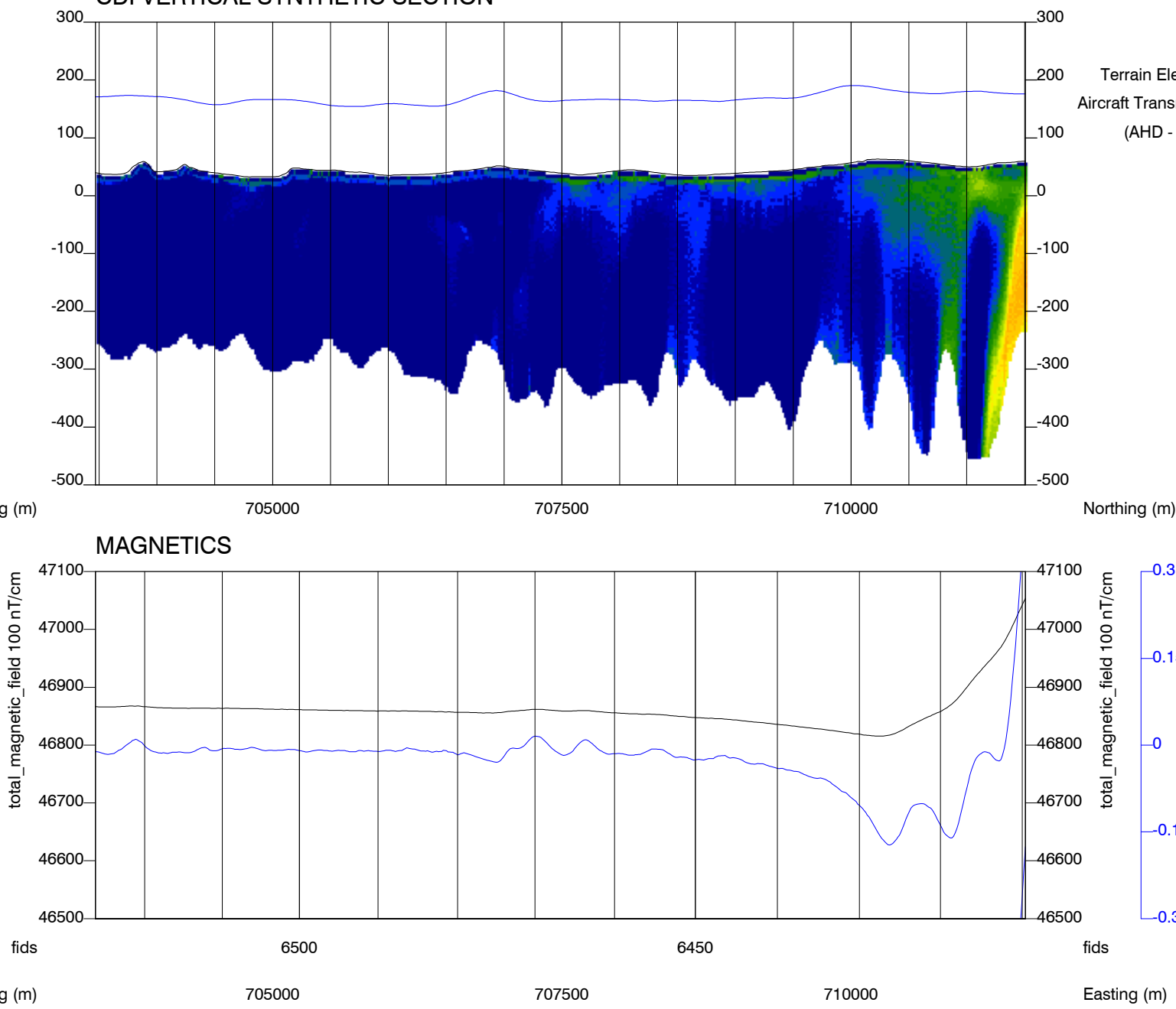
CDI SECTIONS  
Horizontal scale : 1:50000  
Vertical scale : 1:10000

Terrain Elevation with  
Aircraft Transmitter Elevation  
(AHD - 100m/cm)

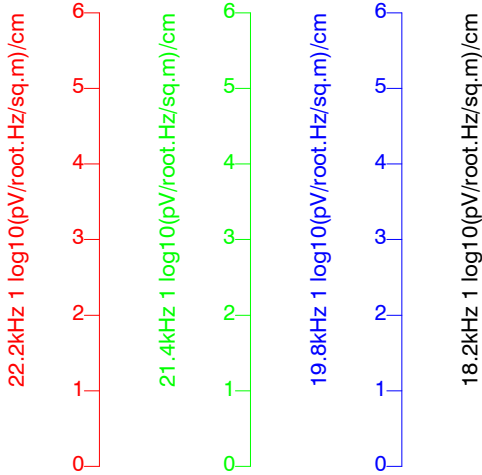
vertical\_derivative 0.1 nT/m/cm



CDI VERTICAL SYNTHETIC SECTION



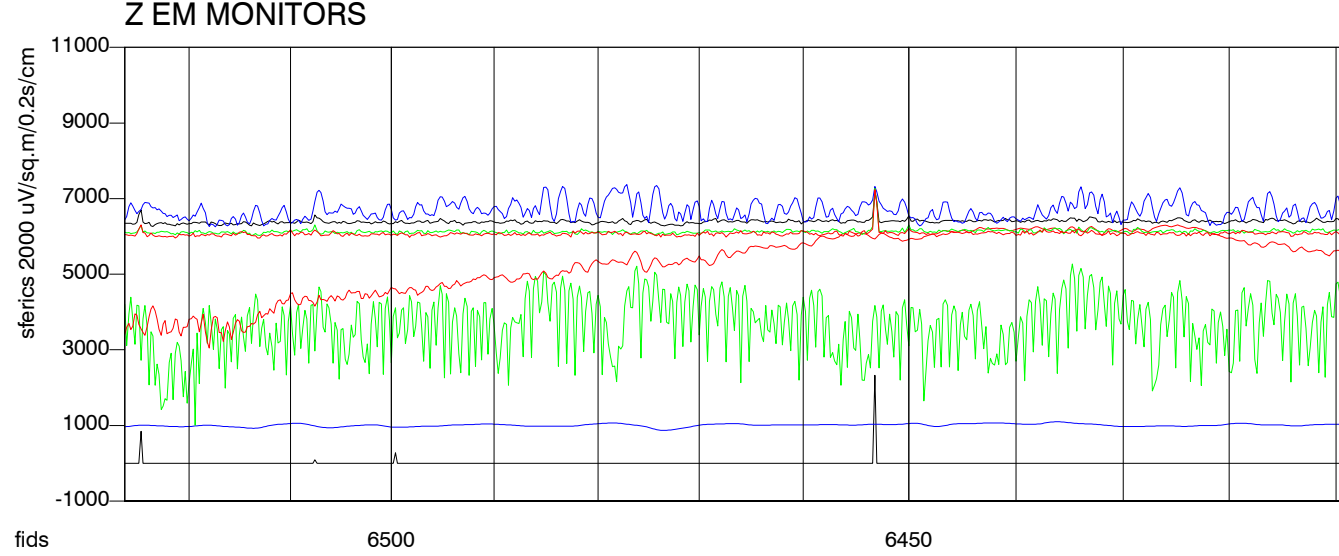
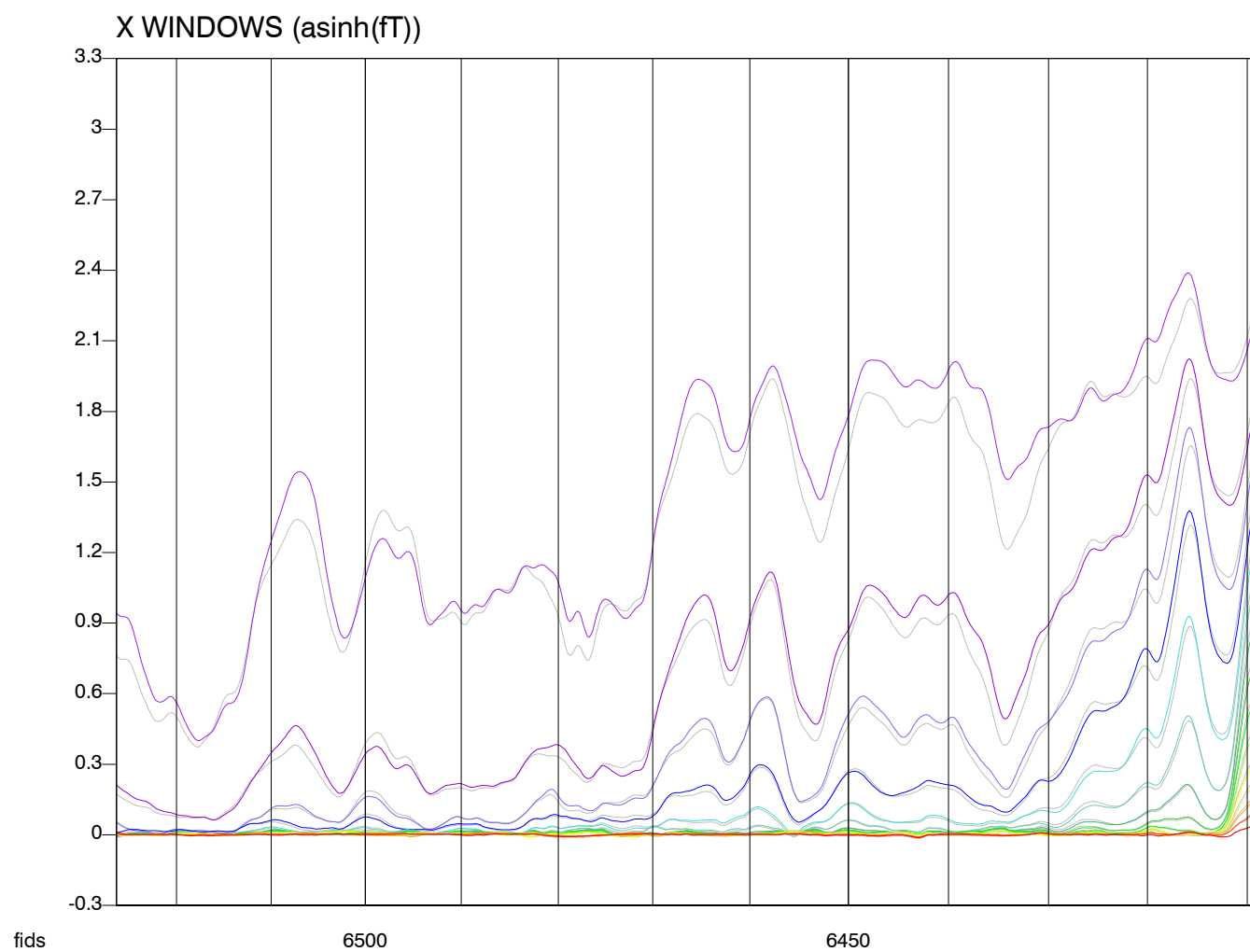
Line: L3101704:30



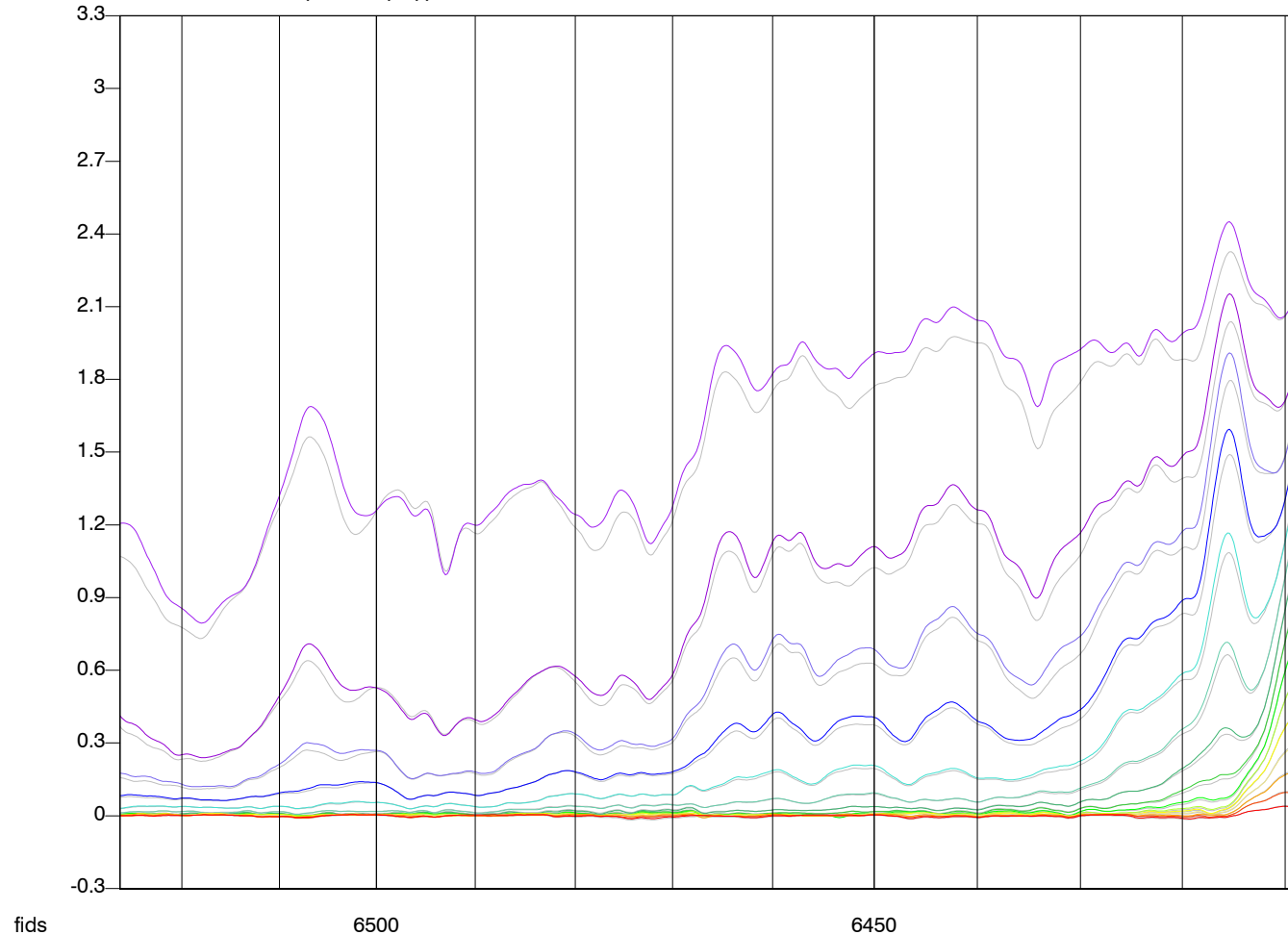
[Grey profiles are uncorrected EM]  
[Coloured profiles are corrected EM]

asinh(fT)

X01\_0.013ms 0.3 asinh(fT)/cm  
X02\_0.040ms 0.3 asinh(fT)/cm  
X03\_0.067ms 0.3 asinh(fT)/cm  
X04\_0.107ms 0.3 asinh(fT)/cm  
X05\_0.173ms 0.3 asinh(fT)/cm  
X06\_0.280ms 0.3 asinh(fT)/cm  
X07\_0.453ms 0.3 asinh(fT)/cm  
X08\_0.720ms 0.3 asinh(fT)/cm  
X09\_1.120ms 0.3 asinh(fT)/cm  
X10\_1.733ms 0.3 asinh(fT)/cm  
X11\_2.2.plms 0.3 asinh(fT)/cm  
X12\_4.200ms 0.3 asinh(fT)/cm  
X13\_6.560ms 0.3 asinh(fT)/cm  
X14\_10.200ms 0.3 asinh(fT)/cm  
X15\_16.200ms 0.3 asinh(fT)/cm



Z WINDOWS (asinh(fT))



asinh(fT)

X01\_0.013ms 0.3 asinh(fT)/cm  
X02\_0.040ms 0.3 asinh(fT)/cm  
X03\_0.067ms 0.3 asinh(fT)/cm  
X04\_0.107ms 0.3 asinh(fT)/cm  
X05\_0.173ms 0.3 asinh(fT)/cm  
X06\_0.280ms 0.3 asinh(fT)/cm  
X07\_0.453ms 0.3 asinh(fT)/cm  
X08\_0.720ms 0.3 asinh(fT)/cm  
X09\_1.120ms 0.3 asinh(fT)/cm  
X10\_1.733ms 0.3 asinh(fT)/cm  
X11\_2.2.plms 0.3 asinh(fT)/cm  
X12\_4.200ms 0.3 asinh(fT)/cm  
X13\_6.560ms 0.3 asinh(fT)/cm  
X14\_10.200ms 0.3 asinh(fT)/cm  
X15\_16.200ms 0.3 asinh(fT)/cm

