

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 or -1.0s 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: 13101805:31
Flight number: 3896.00
Fiducial range: 4021.80
Line location: 703465.1, 8574599.8 711505.0, 8574622.8
Client: Geoscience Australia
Contract number: 13101805:31
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

total_magnetic_field 100 nT/cm

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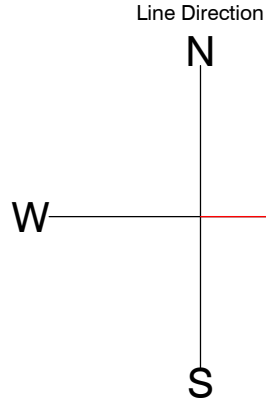
total_magnetic_field 100 nT/cm

vertical_derivative 0.1 nT/m/cm

total_magnetic_field 100 nT/cm

vertical_derivative 0.1 nT/m/cm

total_magnetic_field 100 nT/cm



Line: L3101805:31

22.2kHz 1 log10(pV/root.Hz/sq.m)/cm

21.4kHz 1 log10(pV/root.Hz/sq.m)/cm

19.8kHz 1 log10(pV/root.Hz/sq.m)/cm

18.2kHz 1 log10(pV/root.Hz/sq.m)/cm

powerline 1 log10(pV/root.Hz/sq.m)/cm

low_freq 1 log10(pV/root.Hz/sq.m)/cm

g/ga 1 unit/cm

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g/ga 1 unit/cm

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g/ga 1 unit/cm

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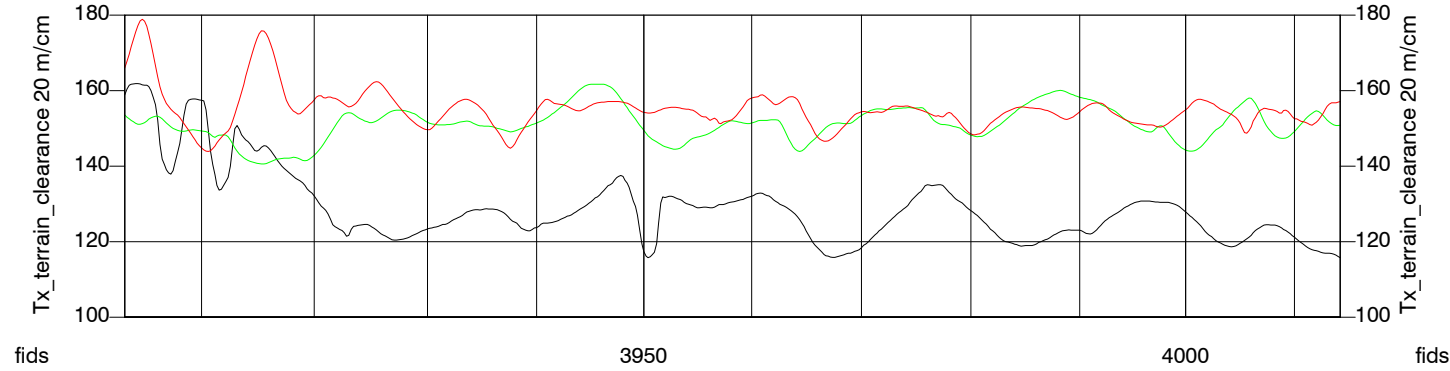
g/ga 1 unit/cm

g/ga 1 unit/cm

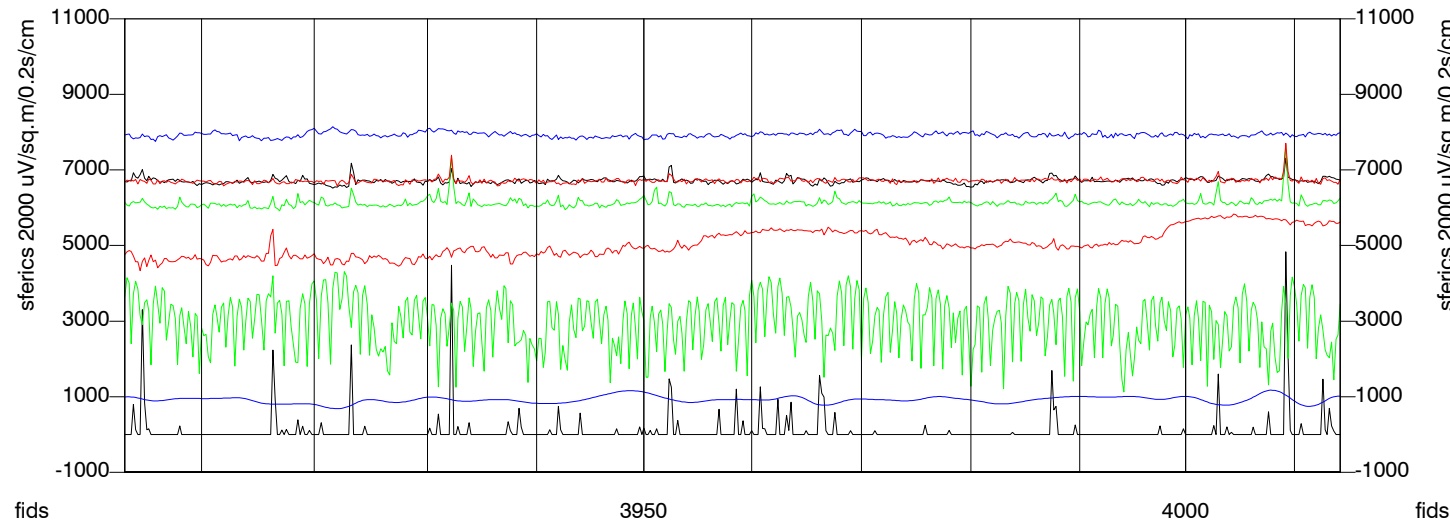
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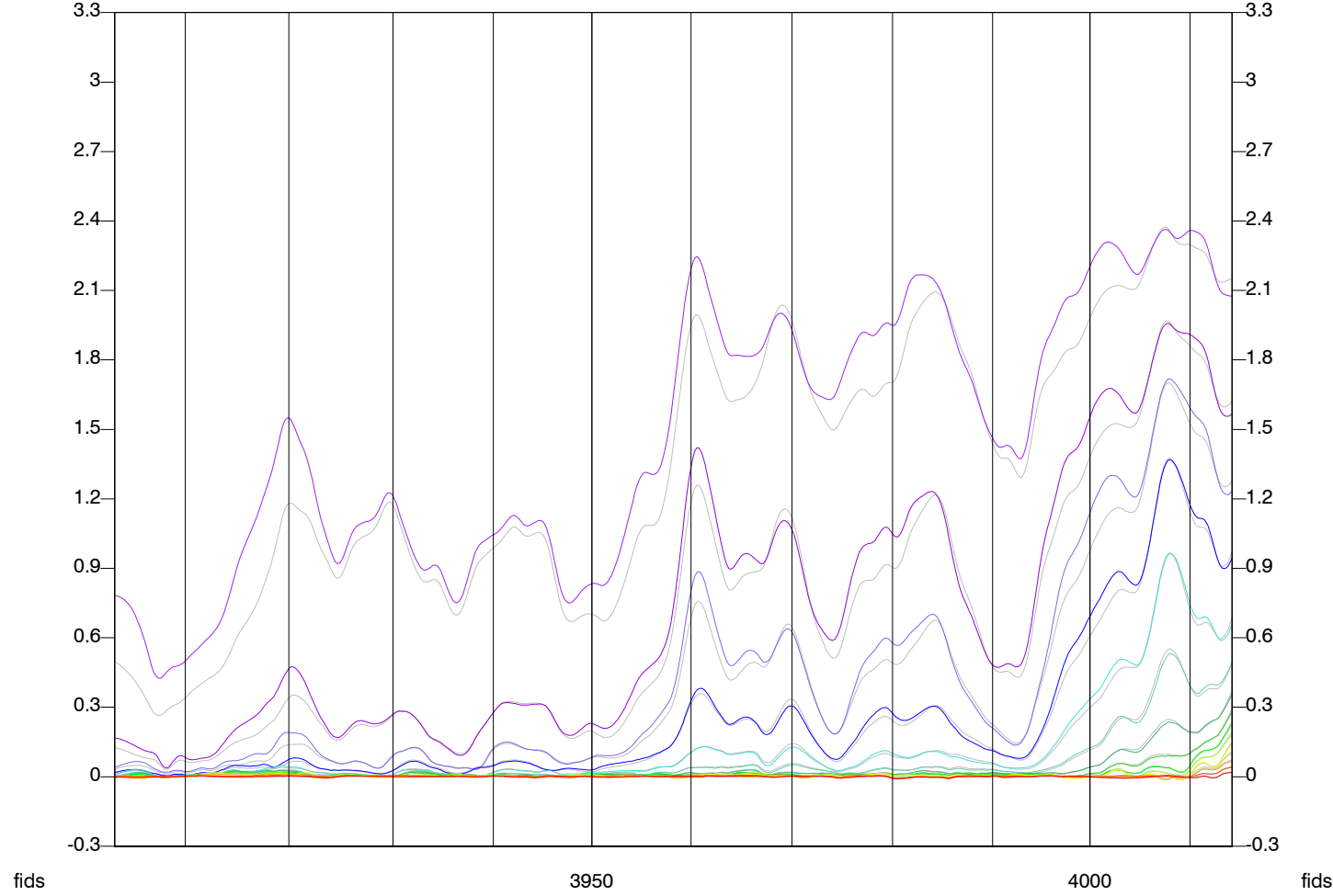
TERRAIN CLEARANCE, PITCH AND ROLL



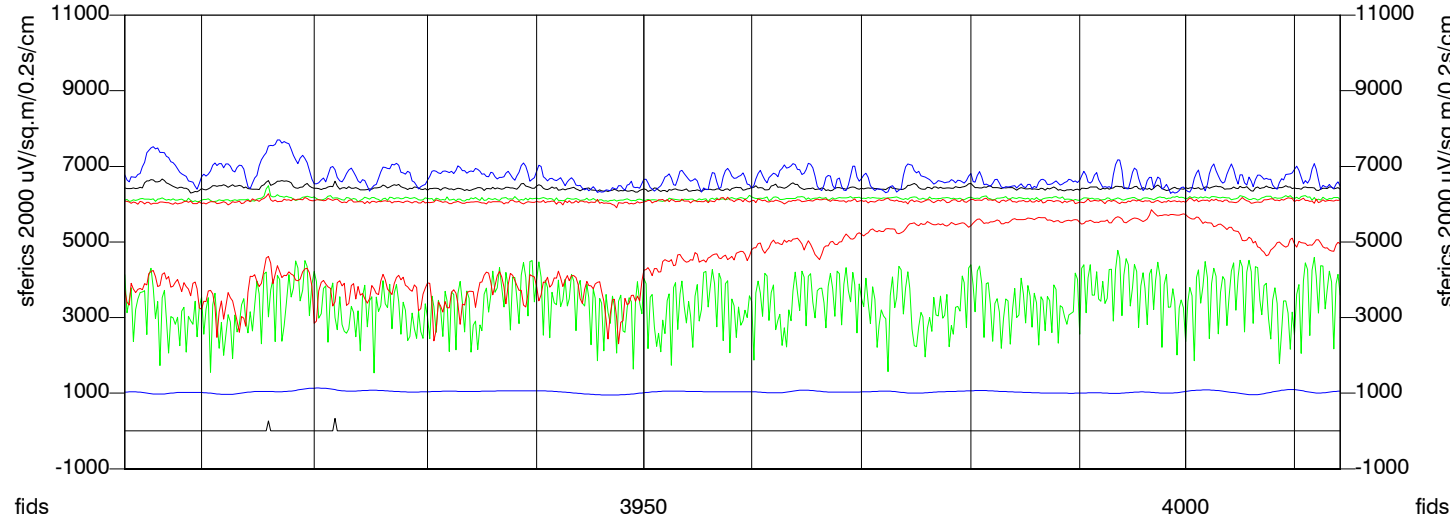
X EM MONITORS



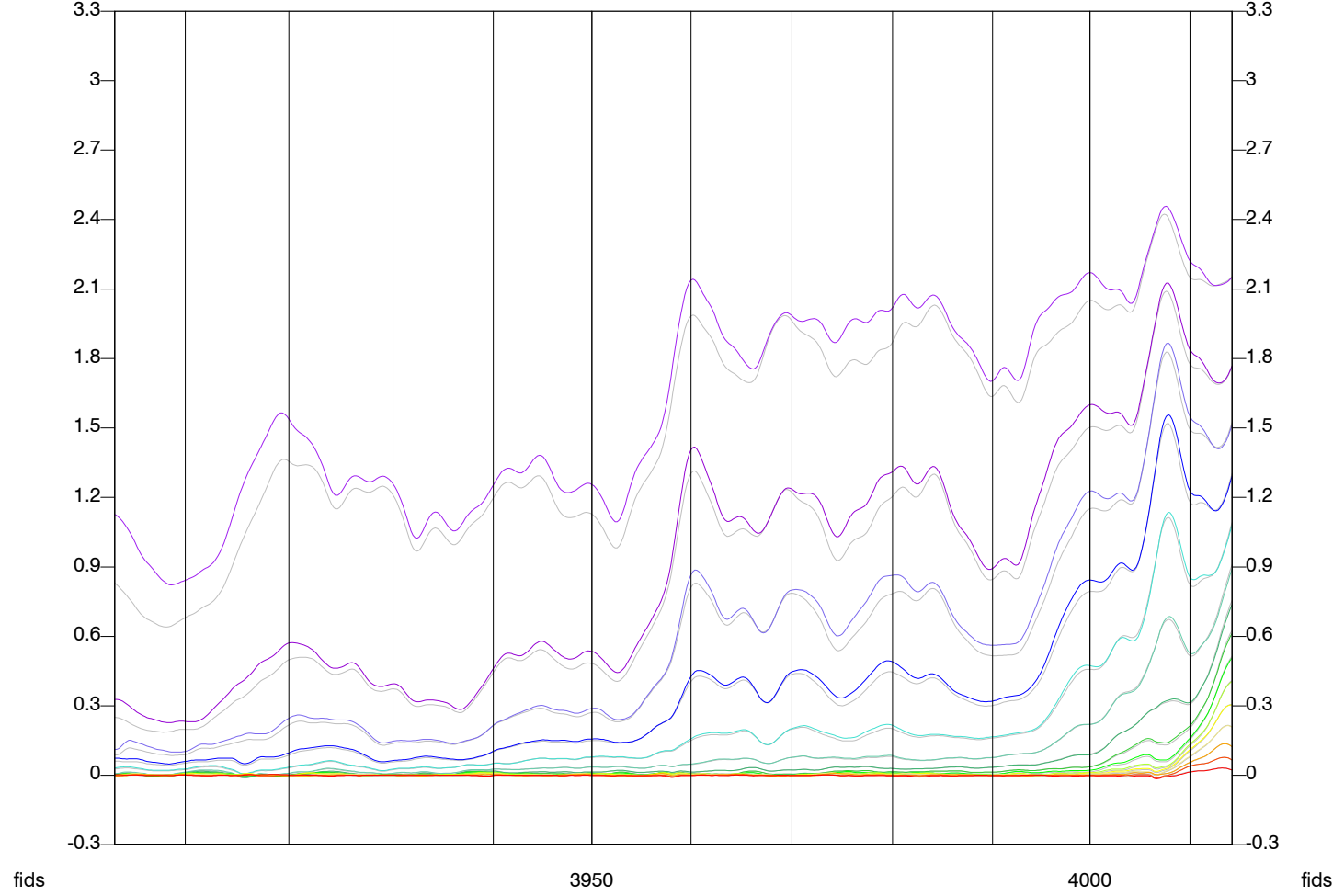
X WINDOWS (asinh(FT))



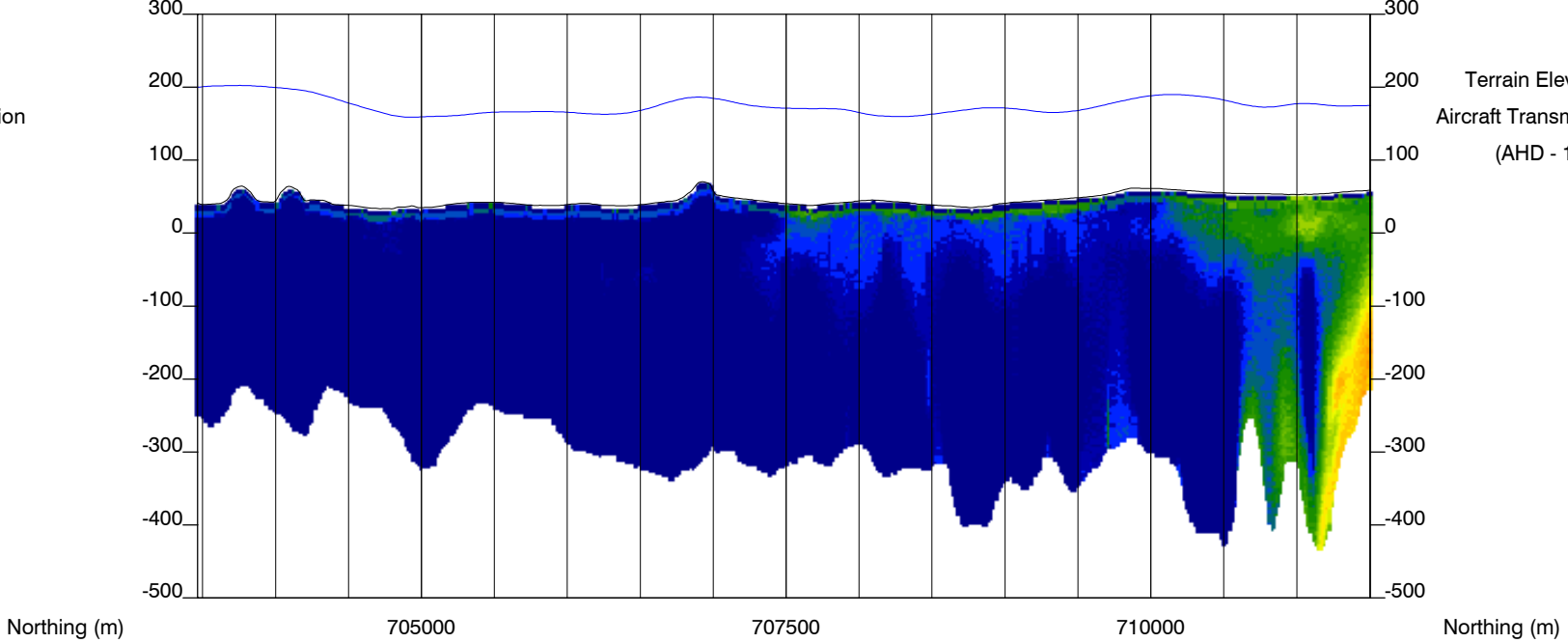
Z EM MONITORS



Z WINDOWS (asinh(FT))



CDI VERTICAL SYNTHETIC SECTION



MAGNETICS

