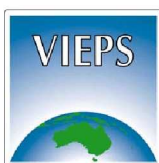


VIEPS / MCA / ASEG

# GEOPHYSICAL FIELD CAMP & SOFTWARE WORKSHOP (31ST MARCH – 11TH APRIL, 2003)

## Supported by



Victorian Institute  
of Earth and  
Planetary Sciences



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The Victorian Institute of Earth and Planetary Sciences (VIEPS), in collaboration with the Minerals Council of Australia (MCA) and the Australian Society of Exploration Geophysicists (ASEG), is pleased to announce its third Geophysical Field Camp and Software Workshop, to run over the first two weeks of April, 2003.

The Geophysical Field Camp will be held from 31<sup>st</sup> March – 4<sup>th</sup> April in the town of Maldon in the Victorian Goldfields. Experienced, professional geophysicists will lead participants in a search for palaeo river channels (deep leads) hidden beneath pastoral land. Participants will gain experience in survey design, field procedure, preliminary data reduction and the operation of a wide range of modern geophysical and geotechnical equipment in the search for a real and relevant economic target.

### Software:

GM Sys  
ERMMapper  
EMVision  
GPR Vista  
Oasis montaj  
Profile analyst

### Equipment:

Geometrics TR1 OhmMapper  
Geometrics G858 magnetometer  
Geometrics G856 magnetometer  
Scintrex CG-3M microgravity meter  
Seistronix RAS-24 seismograph  
PulseEKKO 100 GPR  
SIROTEM Mk3  
Phoenix IP/Resistivity  
Scintrex IGS-2/IP-4

The Software Workshop (7–11 April) will be held immediately following the Field Camp, at Monash University (Clayton Campus) in Melbourne's south eastern suburbs. Course participants will acquire theoretical and practical experience while processing the geophysical data collected during the Field Camp. A variety of "state-of-the-art" software packages will be used during practical sessions covering data import, reduction and filtering; geological modelling; inversion algorithms; presentation and interpretation of results. Short presentations on theoretical concepts will be interspersed with hands-on, practical sessions lead by academic and industry trainers.

Both the Field Camp and Software Workshop are fully accredited by the National Geoscience Teaching Network (NGTN) and may be counted towards a VIEPS Honours or Masters degree or a CODES/G3 Masters-by-coursework degree. Credit may be granted by other tertiary institutions with prior arrangement.



**Images from the 2001 course.**

(Anticlockwise from above:)

Processing seismic data; Demonstration of the high-voltage Phoenix IP system; Collecting IP data in the field; Using the Geometrics TR1 OhmMAPPER.



## Course fees\* for Field Camp (GWF) and Software Workshop (GSW)

**Includes:** Travel, meals and accommodation for the Field Camp; Laboratory costs for the Software Workshop.

**Does NOT include:** Meals and accommodation during Software Workshop.

	GWF+GSW	GWF only	GSW only
<i>G3/CODES National Masters student:</i> ‡	<b>\$2000</b>	—	—
<i>VIEPS/NGTN Student:</i> ‡++	<b>\$300</b>	<b>\$300</b>	<b>nil</b>
<i>Other Student:</i> ++	<b>\$400</b>	<b>\$400</b>	<b>\$220</b>
<i>Non-student:</i>	<b>\$2150</b>	<b>\$1800</b>	<b>\$990</b>

\* Includes GST ‡ Includes travel to/from Melbourne ++ Financial assistance may be available for approved students

Expressions of interest should be directed to:

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Further information and enrolment forms can be found at:

[www.earth.monash.edu.au/research/geophysics/NGTN\\_Home.html](http://www.earth.monash.edu.au/research/geophysics/NGTN_Home.html)