VIEPS / MCA / ASEG

GEOPHYSICAL FIELD CAMP

&

SOFTWARE WORKSHOP

(8–19th April, 2002)

Supported by

Victorian Institute of Earth and Planetary Sciences

MINERALS COUNCIL OF AUSTRALIA

Australian Society of Exploration Geophysicists

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GEOSOFT

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 second Geophysical Field Camp and Software Workshop, to run over two consecutive weeks in April, 2002.

The Geophysical Field Camp will be held from 8–12 April near the city of Bendigo in the Victorian Goldfields. Experienced, professional geophysicists will lead participants in a search for palaeo river channels (deep leads) hidden beneath pastural 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.

Equipment:

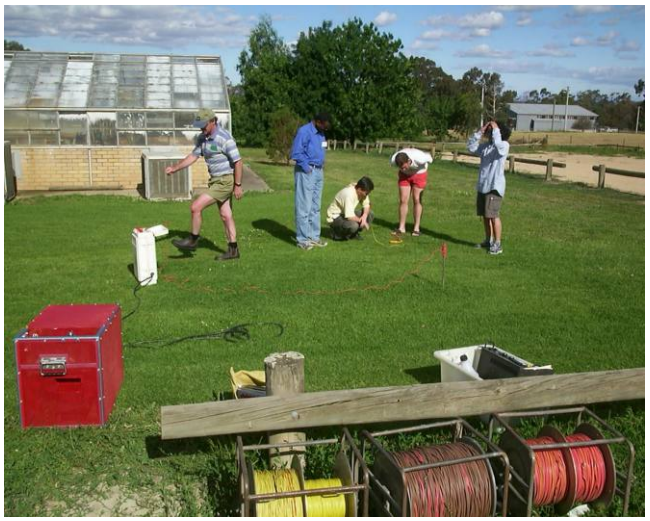
Geometrics TR1 OhmMapper
Geometrics G858 magnetometer
Scintrex CG-3M microgravity meter
Seistronix RAS-24 seismograph
PulseEKKO 100 GPR
SIROTEM Mk3
VECTEM 3 3-comp. downhole TEM
Phoenix IP/Resistivity
Scintrex IGS-2/IP-4

Software:

GM Sys
ERMapper
EMVision
GPR Vista
Oasis montaj
Profile analyst

The Software Workshop (15–19 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.

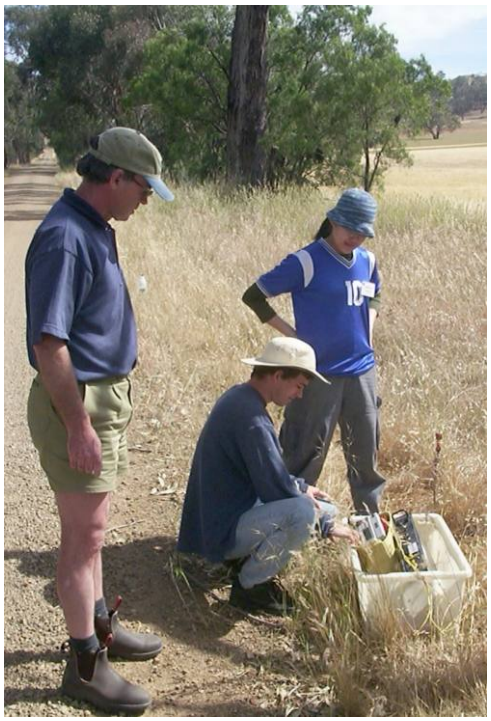
Both the Field Camp and Software Workshop are fully accredited by the National Geoscience Teaching Network (NGTN) and may be counted towards a VIEPS Honours or Masters degree or a CODES/G3 Masters-by-coursework degree. Credit may be granted by other tertiary institutions with prior arrangement.

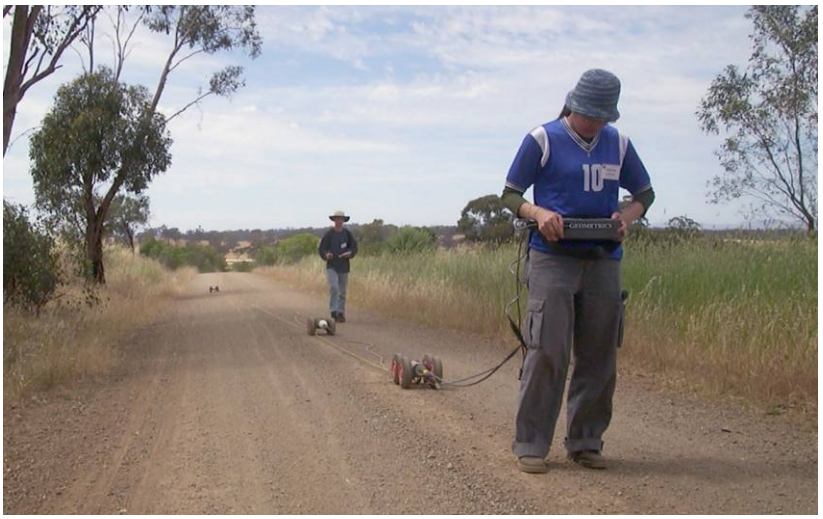


Images from the 2001 course.

(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)

Include: Travel, meals and accommodation for the Field Camp; Laboratory costs for the Software Workshop.
Do NOT include: Meals and accommodation during Software Workshop.

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

* 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.geophysics.monash.edu.au/Geophys_NGTN_Home.htm