



## CV / Résumé

### Ian James

#### **PROFILE - Geophysicist**

Ian James is a geophysical consultant with a high level of expertise across a range of techniques including seismic processing, shallow penetration geophysics and non-seismic methods. Ian's seismic and geophysical experience has been gained working for a range of clients across the Australasian region, including:

Woodside, Chevron, Santos, Senex Energy, Drillsearch Energy, Buru Energy, Origin Energy, Hess, Terrex & Hiseis

Ian is an active member of several industry bodies including SEG, ASEG, AIG, AGU & AGS, with an involvement that includes acting as one of the technical chairs for the 2015 ASEG - PESA conference.

Dual British/Australian Nationality

#### **EXPERIENCE**

##### **2012 - Current - Independent Consultant Terraspect**

Primarily a consulting geophysicist involved in providing solutions to the seismic and minerals industries. Involvement in survey design, in-field QC, complete seismic processing and interpretation of 2D and 3D seismic data. Experienced in a range of non-seismic methods, data analysis and integration of methods to enhance the overall quality of the final product.

##### **2012 - 2014 - Consulting Geophysicist ASST Pty Ltd**

Key roles and responsibilities include:

- Client-focused positions involving interaction from project genesis through to presentation of interpreted data.
- Designing and supervising geophysical surveys across three continents including contractor and personnel management.
- Conducting geophysical field operations in a diverse range of techniques.
- Extensive quality control experience (both in-field and in-office) of seismic, resistivity, IP, GPR & borehole radar data.
- Advanced processing and attribute analysis of seismic data for mineral and oil & gas exploration.
- Processing and interpreting borehole radar data for exploration and mapping ahead of mining (mainly platinum and gold).
- Processing and interpretation of potential fields, TEM and IP data.



## **2008 - 2012 - Geophysicist Geoforce / GroundProbe**

A valued member of Geoforce (later bought out by GroundProbe), I was involved in acquiring geophysical data as well as its processing, interpretation and reporting. I gained experience in a broad range of techniques including GPR, ERI, seismic and EM.

- Quality control and processing of TEM data (MLEM, FLEM and DHEM) and key involved in the DHEM data from Mt Keith and Leinster nickel mines.
- Extensive in-field quality control and processing of the SkyTEM airborne EM system and involved in projects from iron ore and uranium exploration to hydrogeological investigations.
- Quality control, processing and interpretation of shallow marine, intertidal and land seismic for clients including Chevron and Woodside.
- 2D seismic survey design for mineral exploration.

## **EDUCATION**

**B.Sc. (Hons) Geophysics, Southampton University, UK, 2008**

### **Software**

Globe Claritas, Tomoplus, GoCAD, Profile Analyst, Mapinfo, Global Mapper, Oasis Montaj, Res3Dinv, SeisImager, SeisOpt, SurfSeis, OMNI3D, Potent, MS Office, and all computer platforms Windows, Mac, Linux, Unix.



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