

MACQUARIE UNIVERSITY
DEPARTMENT OF EARTH AND PLANETARY SCIENCES

GEOS316: EXPLORATION GEOPHYSICS

2nd SEMESTER 2008

Reading List

Burger, H.R., *Exploration Geophysics of the Shallow Subsurface*, Prentice-Hall, 1992.

[TN269.B86]

*one copy on 7-day loan

Kearey, P., and Brooks, M., *An Introduction to Geophysical Exploration*, 2nd Edition, Blackwell

Scientific Publications, 1991. [TN269.K36]

*one copy on 7-day loan

Mussett, A.E. and Khan M.A., *Looking into the Earth*, Cambridge, 2000. [QE501.M87]

Parasnis, D.S., *Principles of Applied Geophysics*, 5th Edition, Chapman and Hall, 1997.

[TN269.P32]

*one copy on 7-day loan

Reynolds, J.M., *An Introduction to Applied and Environmental Geophysics*, John Wiley & Sons,

1997. [QC808.5.R49]

*one copy on 7-day loan

Telford, W.N., Geldart, L.P., and Sheriff, R.E., *Applied Geophysics*, 2nd Edition, Cambridge

University Press, 1990. [TN269.T44]

*one copy on 7-day loan

Sharma, P.V., *Environmental and Engineering Geophysics*, Cambridge University Press, 1997.

[TA705.S515]

*one copy on 7-day loan

additional reading for the seismically interested:

Yilmaz, Ö., *Seismic Data Processing*, Society of Exploration Geophysicists, Tulsa, 1987.

additional reading for the magnetically and radiometrically inclined:

AGSO Journal of Australian Geology & Geophysics 17, Number 2 (special issue)

additional reading for those into EM

Exploration Geophysics 1998 Vol 29, Nos 1 and 2 (AEM 98)

AEM systems p1 (Fountain)

AEM conductivity mapping of the Bathurst mining camp, Keating et al p211.

HEM of saltwater intrusion p240 (Fitterman and Descyz Pan)

Proceedings of Exploration '87, G.D. Garland (ed), Ontario Geological Survey special publication

3. Articles 39 (Smith and Prodmore) and 40 (Pemberton)