



GEOANALYSIS

With Emphasis on Selective Extractions

Presented by:

Joe Brenner
Gwendy Hall
Russell Birrell and Alan Mann
Robert Clark and Eric Hoffman
David Gray
Brenda Caughlin
Dave Seneshen
David Cohen
Stewart Hamilton
Jan van Moort
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Workshop Timetable

WELCOME 8.30 - 8.40

Joe Brenner 8.40 - 9.10

New instrumental developments for geoanalysis using ICP-AES

Gwendy Hall 9.10 - 9.55

Review of analytical considerations with respect to selective leaches

Russell Birrell and Alan Mann 9.55 - 10.40

Mobile Metal Ions in the A horizons of soils

TEA/COFFEE BREAK 10.40 - 11.00

Robert Clark and Eric Hoffman 11.00 - 11.45

Concepts and models for interpretation of enzyme leach data for mineral and petroleum exploration

David J. Gray, J.E. Wildman and G.D. Longman 11.45 - 12.30

Selective and partial extraction analyses of transported overburden for exploration

Brenda Caughlin 12.30 - 13.00

Selective leaches – laboratory analysis

LUNCH 13.00 - 14.00

Dave Seneshen 14.00 - 14.30

Sources of variability associated with the use of partial extractions

David R. Cohen, N.F. Rutherford, X.C. Shen and A.C. Dunlop 14.30 - 15.00

Some comments on the use of selective extractions in geochemical exploration in arid terrains

Stew Hamilton 15.00 - 15.30

Transport mechanisms responsible for selective leach anomalies

TEA/COFFEE BREAK 15.30 - 16.00

Jan van Moort 16.00 - 16.30

Quartz and the acid insoluble residue of rocks and regolith as a sample medium in mineral exploration

David Garnett 16.30 - 16.50

Who needs total analyses?

DISCUSSION 16.50 - 17.30