

# SOIL MAP OF UPPER WAITAKI BASIN, SOUTH ISLAND, NEW ZEALAND

Accompanying Report:  
DSIR Land Resources Scientific Report 3

DSIR Land Resources Map 302



NEW ZEALAND  
DEPARTMENT OF  
SCIENTIFIC AND  
INDUSTRIAL  
RESEARCH

DSIR  
Land  
Resources

Making Science Work For New Zealand

## ACKNOWLEDGMENTS AND MAP NOTES

Soil map compiled by T.H. Webb from soil survey information collected during a team survey in 1972-73 by D.W. Ives (leader), J.G. Bruce, J.C. Heine, N.M. Kennedy, D.M. Leslie, L.F. Molloy, T.N. O'Byrne, C.W. Ross, T.H. Webb, and H.R. Wilde, assisted by A.R. Gibson, G.W. Goodyear, G.G. Hunter, S.M. Jarman, G.P. Kennedy, R. Lee, P.C. Rankin, W.F. Rennie, and E.J. Willoughby, supplemented by later soil survey information collected by T.H. Webb assisted by A.M. Purves.

Cartography by Science Mapping Unit.

Base data from the Department of Survey and Land Information.

The grid on this map is the New Zealand Map Grid which has a true origin at Lat 41° S, Long 173° E. Published by the Department of Scientific and Industrial Research, Wellington, New Zealand, 1991.

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## BIBLIOGRAPHIC REFERENCE

WEBB, T.H. 1991; Soil map of Upper Waitaki Basin, South Island, New Zealand. Scale 1:200 000. DSIR Land Resources Map 302.

## LEGEND OF SOIL MAP UNITS

### SOILS OF THE DRY SUBHUMID REGION

On old and young terraces and fans	Gn+Sm+Gk
Gramplains-Simons-Glenrock association	Sd+Dg+Gk
Streamlands-Dalgety-Glenrock association	Gk+Dg
Glenrock-Dalgety association	Gk
Glenrock soils	Gk
On intermediate terraces and fans	Mk
Mackenzie soils	Mk
Mackenzie-Sawdon-Edwards association	Mk+Sw+Ed
On young terraces and flood plains	Bd+La
Bendrose-Larbreck association	Bd+La
Sawdon-Bendrose-Edwards association	Sw+Bd+Ed
Bendrose-Dobson association	Bd+Db
On wetlands	Bc+Db+Gy
Buscot-Dobson-Grays association	Bc+Db+Gy
Buscot-Sawdon-Dobson association	Bc+Sw+Db

### SOILS OF THE MOIST SUBHUMID REGION

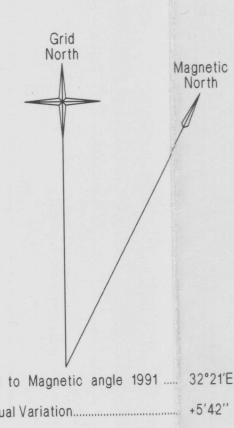
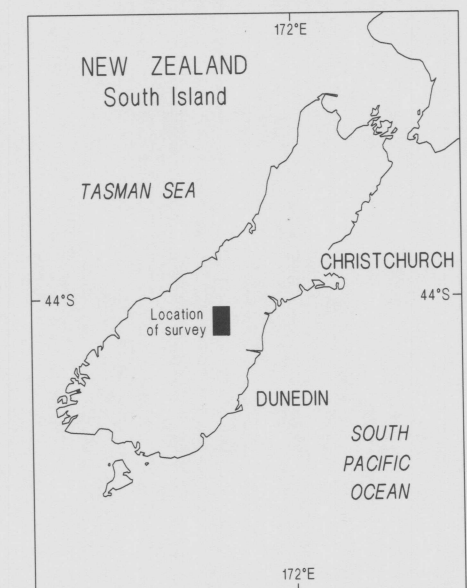
On moraines	Tk+My
Tekapo-Mary association	Tk+My
Ohau soils	Oh
On old terraces and fans	Ge
Glen Eyrie soils	Ge
Pukaki-Holbrook association	Pk+Hk
Bendhu soils	Bh
On intermediate terraces and fans	Fk
Fork soils	Fk
On young terraces and flood plains	Bd+La
Bendrose-Larbreck association	Bd+La
Sawdon-Bendrose-Edwards association	Sw+Bd+Ed
On wetlands	Bc+Sw+Db
Buscot-Sawdon-Dobson association	Bc+Sw+Db

### SOILS OF THE HUMID REGION

On moraines and associated terraces	Cs+Cg+Cx
Cass-Craigieburn-Cox association	Cs+Cg+Cx
On old and intermediate terraces and fans	Cg+Cx
Craigieburn-Cox association	Cg+Cx
On young terraces and fans and flood plains	Rh+Bd
Rhoboro-Bendrose association	Rh+Bd



### LOCALITY MAP



### REFERENCE

Soil map unit boundary and code	(Mk)
Survey boundary	—
Hill and steep lands enclosed within survey area	(hatched)
Detailed soil pattern investigation sites; number refers to text figures	(1-10)
River	(wavy line)
Canal	(dashed line)
Road	(double line)

SCALE 1:200 000

