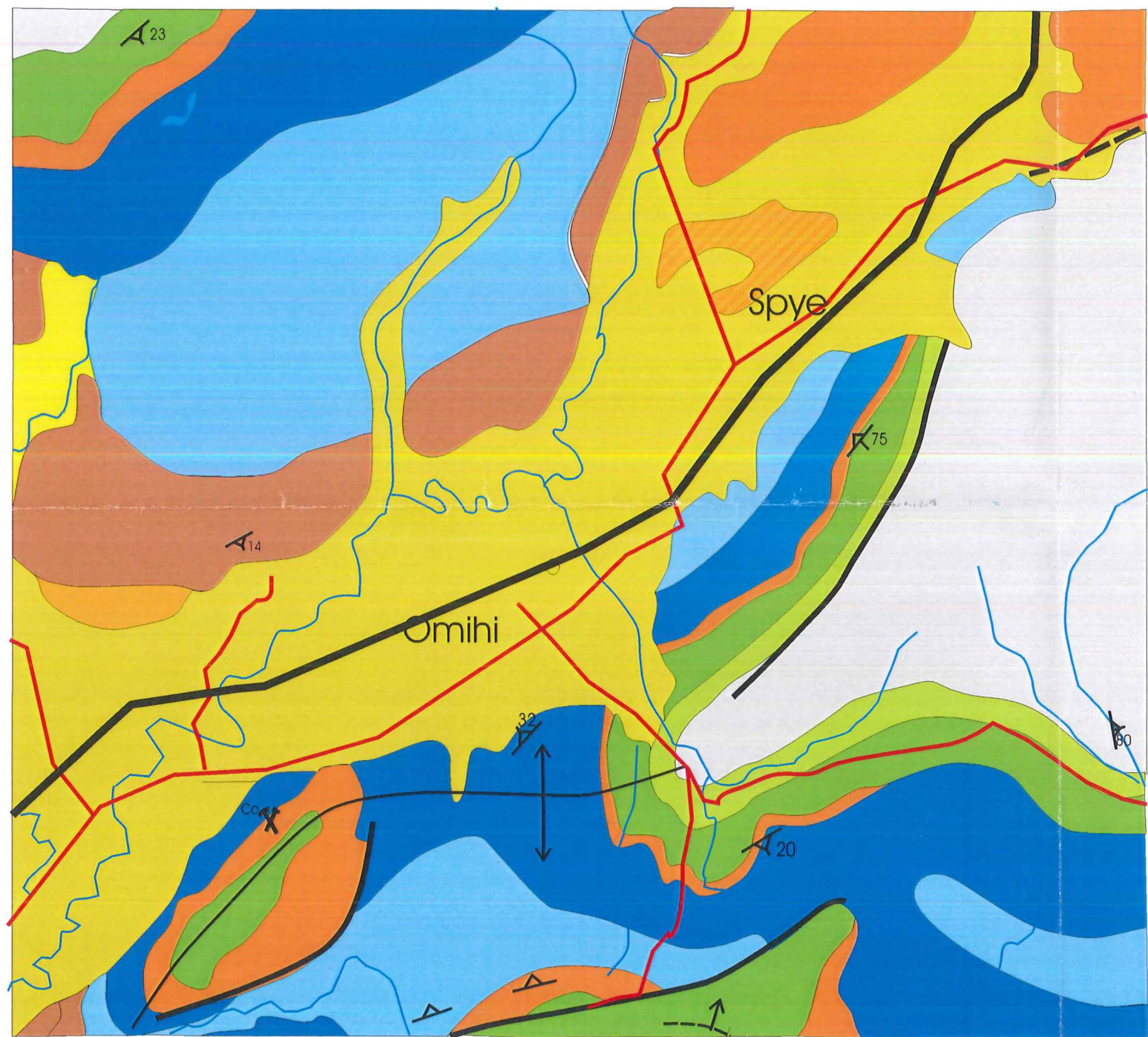


**Figure 1.3b- Supplemental Geologic Map of the Omihi-Spye Region  
(modified from Gregg, 1964)**



**GEOLOGICAL SYMBOLS**

**Contact**

**Fault**

Concealed

Late Quaternary fault trace

**Folds**

Anticline with plunge

Syncline

Concealed fold

**Bedding**

Strike, dip unknown

Strike and Dip, angle of dip unknown

Face defined at outcrop

Face inferred from field relationships

Face unknown

**Bedding and schistosity parallel**

Face defined at outcrop

**Schistosity or foliation**

Inclined

Vertical

**Lamination**

Horizontal

Inclined

**Drag folds combined with lineation**

Apparent sense of rotation :  
when viewed down the lineation

**Pre Cretaceous fossils, with age determination**

In place

Not in place

**Hot Spring**

**Mine or quarry**

**Limestone**

clockwise

anticlockwise

Bw

Bw

coal

limestone

C

Co

**GEOLOGICAL LEGEND**

Canterbury Gravels

Teviotdale Gravels

unconformity

Kowai Formation

unconformity

Mt Brown Formation

Waikari Formation

Weka Pass Limestone

unconformity

Waipara Greensand

Broken River/ Conway/Loburn Formation

Torlesse Supergroup

**Other Symbols**

road

railway