the western limb of the southerly plunging
Huskisson Synclinorium.   Z and M folds have been
mapped on the Ring River indicating drag folding,
and there is also some flexing on F fold axes.
The main synclinal axis is seen on the Ring River
where the rocks are fairly contorted with variable
dips and strikes.   The axial zone is broad with
some horizontal bedding.

The fold pattern in the northern part of the grid
cannot be worked out in much detail.   Generally
the exposed rocks are seen to dip and face east,
although dip reversals do occur.   A flexured
synclinal axis was mapped on the P.M.G. road (east)
while a series of tight drag folds have been
mapped in the Grid 5 costean and in the Exe River.
The fold structures observed plunge to the north-
west and form part of the western limb of the
north-west plunging Huskisson Syncline, the major
axis of which lies to the east.

Faulting

Faulting is probably fairly extensive at GAP as
evidenced by the fault pattern at the Renison
Mine.   However, many of the faults are not
exposed, so only where obvious fault relation-
ships can be demonstrated, can the structures be
drawn in.   At Renison Mine north-west - south-
east trending faults have the largest throw, for
example, the Bassett-Federal Fault downthrows the
sequence to the east at least 700m.

In GAP the Serpentine Hill Complex is faulted into
the sequence.   To the west it is faulted against
mylonitised mudstone and siltstone, and to the
east against brecciated basalt.   The extent and
direction of movement along this structure is not
known, but there is a change of facies from
greywackes to the west, to lavas, lithicwackes
and conglomerates to the east.   The effect of the
structure appears to feather out to the north.
Where the faulted contacts are seen, the structure
dips to the west at 74° to 84°.

North-north-east trending faults are associated
with the anticlinal structures on the Ring River
road.   These faults may be associated with a
deep seated lineament of the same trend.   Where
such faults have been seen in outcrop, as in
Costean 1200N and on the road, the downthrow is