

altered green (chloritic) andesite(?)

porphyry with 1/2" to 1 1/2"

quartz stringers with
minor sulphides

4" gouge with manganese stain

60°

80°

50°

brecciated zone

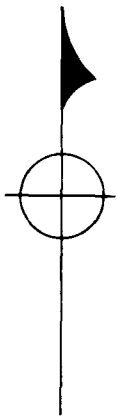
trace of fault on back

narrow gouge with Mn
stain and occasional Cu
stain on back

80°

Cu stain

N



ROAD

U. S. F. S.

To Mehama

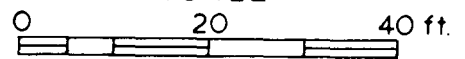
HELVETIA TUNNEL

SW 1/4 Sec. 24, T. 8 S. R. 4 E.

Brunton and tape survey

MAY 1953

SCALE



North Santiam district, Marion county, Oregon