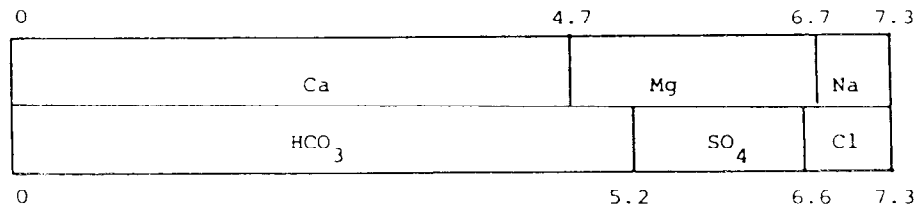11.4 Draw a milliequivalents-per-liter bar graph and list the hypothetical combinations for the following analysis of a groundwater:

Ca^{2+} = 94 mg/l HCO_3^- = 317 mg/l

Mg^{2+} = 24 mg/l SO_4^{2-} = 67 mg/l

Na^+ = 14 mg/l Cl^- = 24 mg/l

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11.4    Calcium      = 94/20.0   = 4.7 meq/l
        Magnesium    = 24/12.2   = 2.0
        Sodium       = 14/23.0   = 0.6
        Bicarbonate  = 317/61.0  = 5.2
        Sulfate      = 67/48.0   = 1.4
        Chloride     = 24/35.5   = 0.7
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4.7 $Ca(HCO_3)_2$;   0.5 $Mg(HCO_3)_2$;   1.4 $MgSO_4$;   0.1 $MgCl_2$;   0.6 NaCl

$BC - 9$