

NA+K

CA

MG



CL

SO4

HCO3+CO3

Upper stream reach

Site No.: (C-43-4½)18ccc

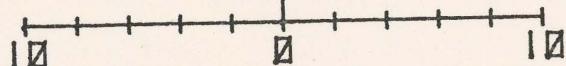
Date of sample: 10-12-76

Aquifer: Navajo Sandstone

NA+K

CA

MG



CL

SO4

HCO3+CO3

Middle stream reach

Site No.: (C-43-4½)30ccc

Date of sample: 10-12-76

Aquifer: Unconsolidated rocks, Moenave and Chinle Formations

NA+K

CA

MG



CL

SO4

HCO3+CO3

Lower stream reach

Site No.: (C-44-5)11adc

Date of sample: 10-13-76

Aquifer: Shinarump Member of Chinle

Formation and Moenkopi Formation

EXPLANATION

Na + K, sodium and potassium

Ca, calcium

Mg, magnesium

Cl, chloride

SO4, sulfate

HCO3 + CO3, bicarbonate and carbonate

Units are in milliequivalents per liter

Figure 17.--Changes in chemical quality of base flow in Johnson

Canyon creek. (Diagrams after Stiff, 1951, p. 15-17.)