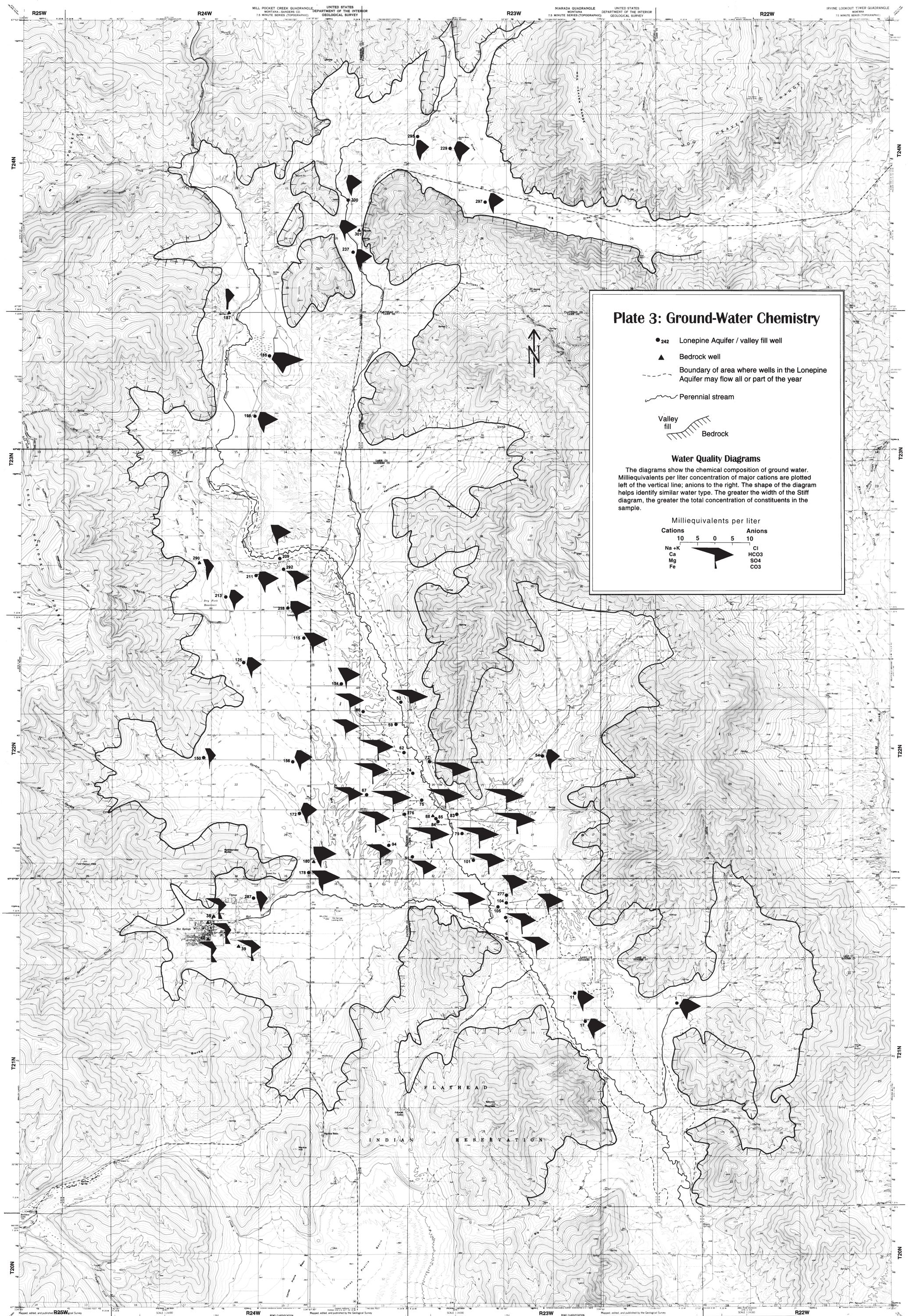
Plate 3: Ground-Water Chemistry
242 Lonepine Aquifer / valley fill well
Bedrock well
Boundary of area where wells in the Lonepine Aquifer may flow all or part of the year
Perennial stream
Valley fill
Bedrock
Water Quality Diagrams
The diagrams show the chemical composition of ground water. Milliequivalents per liter concentration of major cations are plotted left of the vertical line; anions to the right. The shape of the diagram helps identify similar water type. The greater the width of the Stiff diagram, the greater the total concentration of constituents in the sample.
Milliequivalents per liter
Cations
Anions
10 5 0 5 10
Na +K
Ca
Mg
Fe
Cl
HCO3
SO4
CO3
R25W
R24W
R23W
R22W
T24N
T23N
T22N
T21N
T20N
FLATHEAD
INDIAN RESERVATION
HOT SPRINGS, MONT.
MARKLE PASS, MONT.
OLIVER POINT, MONT.