

EXPLANATION

- 100
1100
Well used
for control
- Hydraulic conductivity of valley fill, in feet per day
- Transmissivity, in feet squared per day (from Hood, 1976, table 6)
- 20— Line showing location of approximately equal saturated thickness of valley fill. Interval 10 feet (3 metres)
- Saturated thickness of fill, in feet (metres)
- | |
|-------------------|
| Less than 10 (3) |
| 10-20 (3-6) |
| 20-30 (6-9) |
| 30-40 (9-12) |
| 40-50 (12-15) |
| More than 50 (15) |
- Line showing boundary of valley fill. Dashed where approximate; solid, after Kinney (1955, pl. 1)
- Rocks of Mesozoic age

CONVERSION UNITS

Feet	Metres
8	2.8
10	3.0
20	6.1
60	18.3
100	30.5
200	61.0
300	91.0
400	122.0
700	213.4
800	243.8
1000	304.8

Feet squared	Metres squared
100	9.3
200	18.6
400	37.2
700	65.0
1000	92.9
1100	102.2
2200	204.4
3000	278.7
4000	371.6
6000	557.4

Base from U.S. Geological Survey 7½-minute topographic quadrangles: Vernal NE, 1964; Vernal SE, 1964; Naples, 1965; and Rasmussen Hollow, 1965

Figure 4.--Extent, saturated thickness, hydraulic conductivity, and transmissivity of valley fill of Quaternary age in the main part of Ashley Valley.

Hydrology by J. W. Hood, 1974-75