

## **EXPLANATION**

## **Definition of Vulnerability**

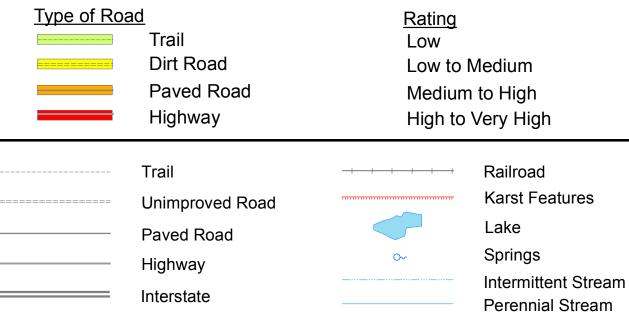
Aquifer vulnerability is the potential or likelihood that any contaminant could reach the ground-water supply, based on designated parameters described below.

Areas of increased aquifer vulnerability due to the presence of on-site septic systems in the Madison recharge area

• On-Site Septic System (OSS)

Density (number of OSS per sq. mi.)	<u>Rating</u>
0 - 10	Low to Medium
10 - 40	Medium to High
40 - 81	High to Very High

*Increased aquifer vulnerability due to the presence of roads (buffered 100 feet on either side) in the Madison recharge area.* 



## Geologic Units



## Recharge Area

Units present include alluvium (Qal), alluvial fan (Qaf) with stippled pattern and terrace deposits (Qt, Tg) with coarse stippled pattern, Pahasapa Limestone (PPm) with no pattern. Color indicates varying degree of vulnerability; see "Definition of Vulnerability".

Pahasapa Limestone Present in Subsurface

Pahasapa Limestone Absent

Solid where location certain; dashed where approximately located