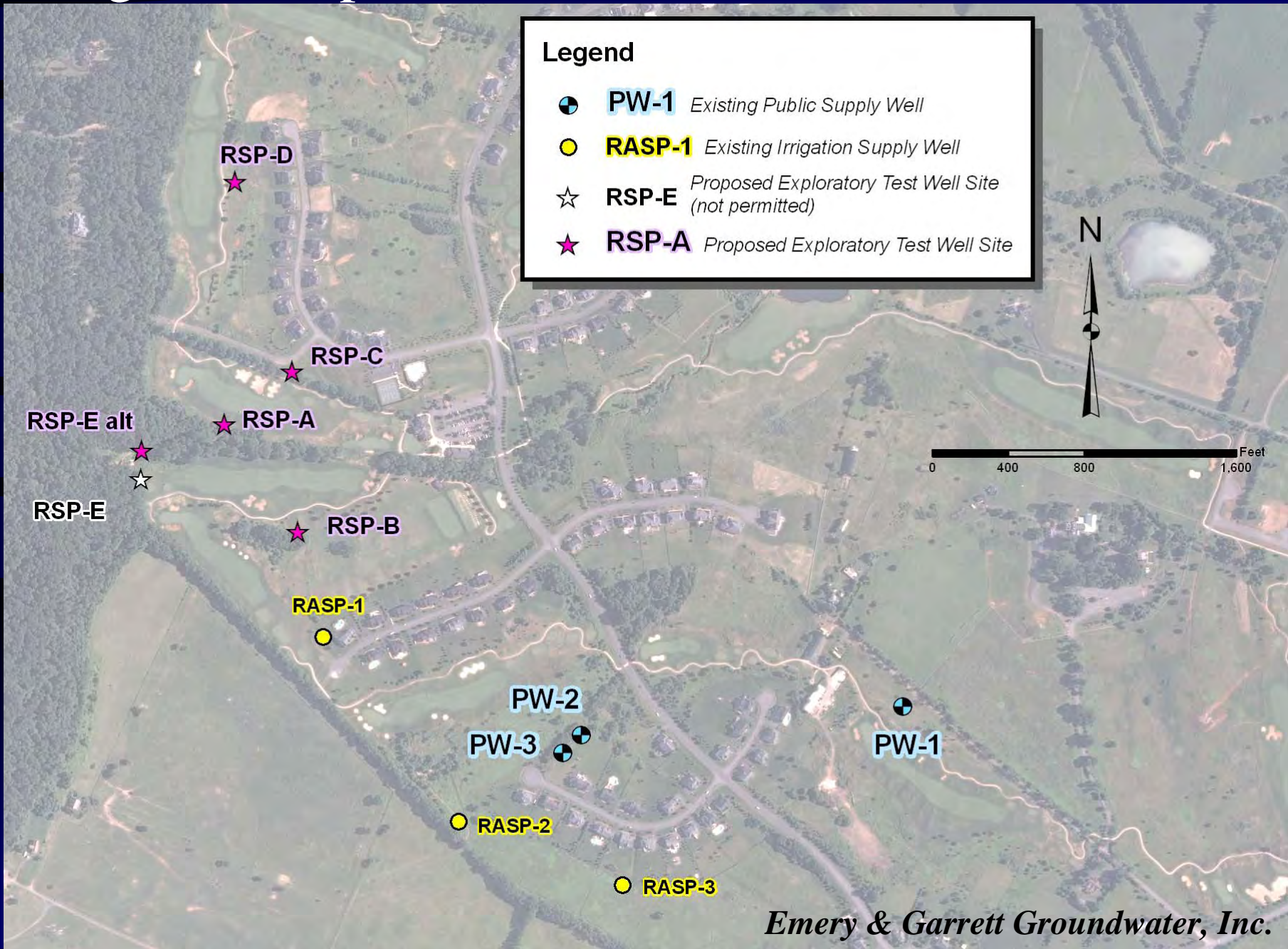






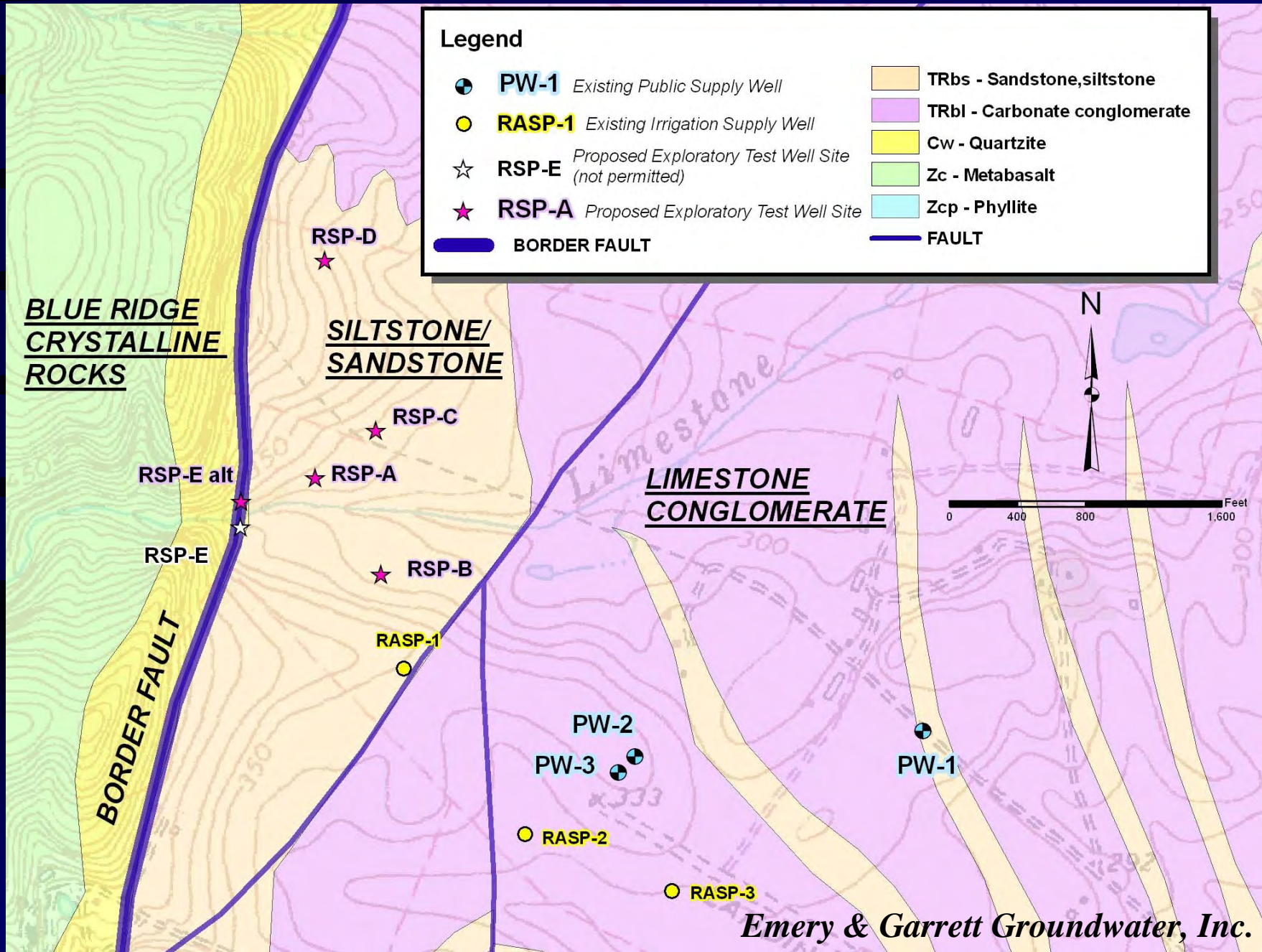
Existing and Proposed Wells



Legend

-  **PW-1** Existing Public Supply Well
-  **RASP-1** Existing Irrigation Supply Well
-  **RSP-E** Proposed Exploratory Test Well Site (not permitted)
-  **RSP-A** Proposed Exploratory Test Well Site

Existing and Proposed Wells – Bedrock Geology



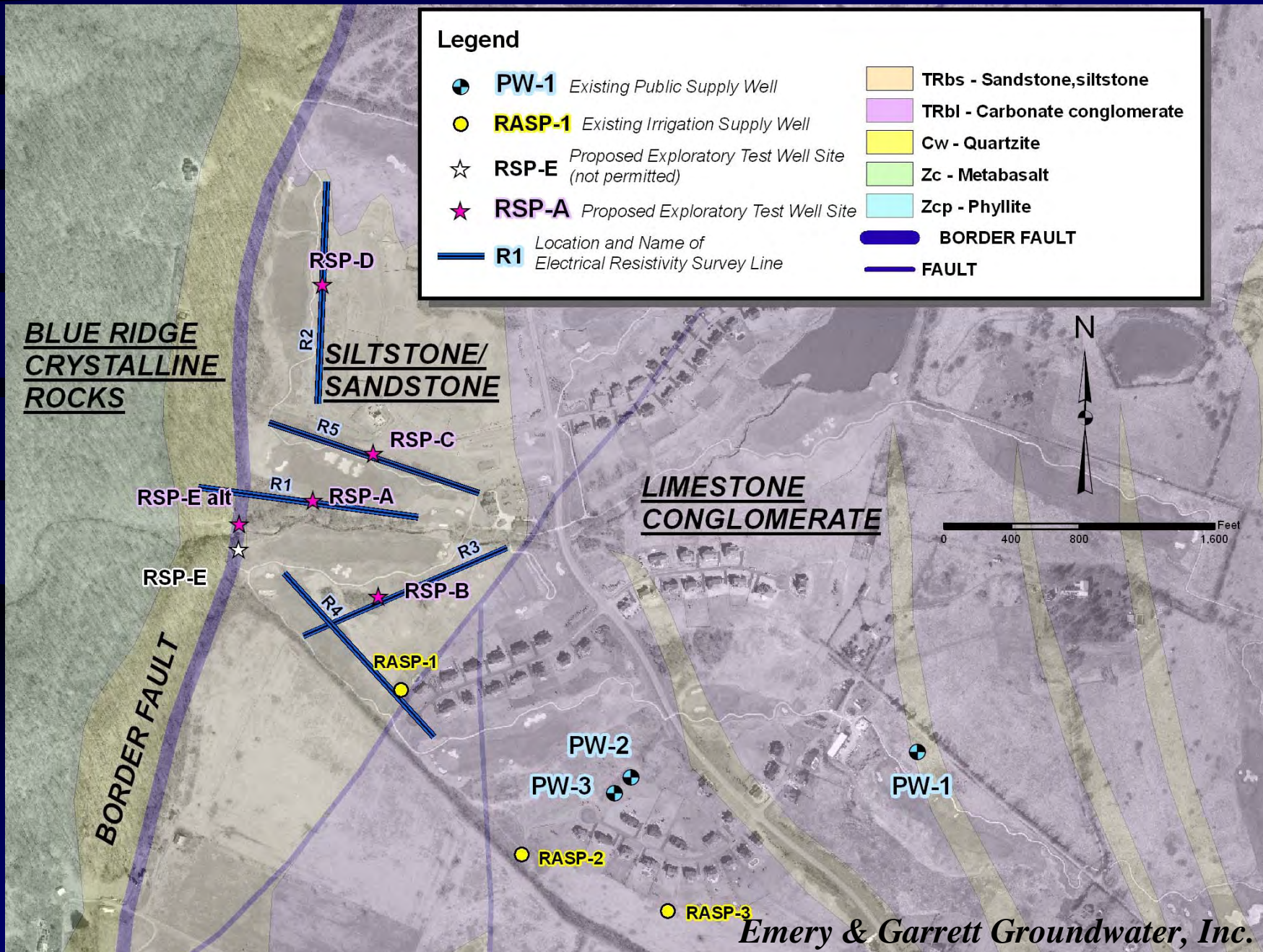
Geophysical Investigations

RESISTIVITY / INDUCED POLARIZATION METHOD



Measures the subsurface material's ability to transmit electricity and hold an electrical charge

Existing and Proposed Wells – Geophysics



Legend

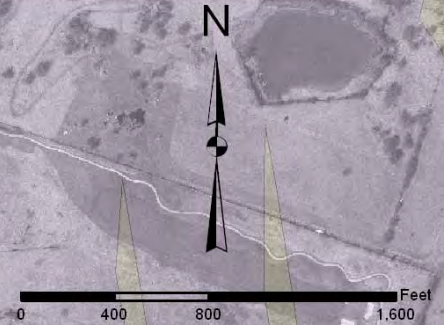
- PW-1** Existing Public Supply Well
- RASP-1** Existing Irrigation Supply Well
- RSP-E** Proposed Exploratory Test Well Site (not permitted)
- RSP-A** Proposed Exploratory Test Well Site
- R1** Location and Name of Electrical Resistivity Survey Line
- TRbs** - Sandstone, siltstone
- TRbl** - Carbonate conglomerate
- Cw** - Quartzite
- Zc** - Metabasalt
- Zcp** - Phyllite
- BORDER FAULT**
- FAULT**

**BLUE RIDGE
CRYSTALLINE
ROCKS**

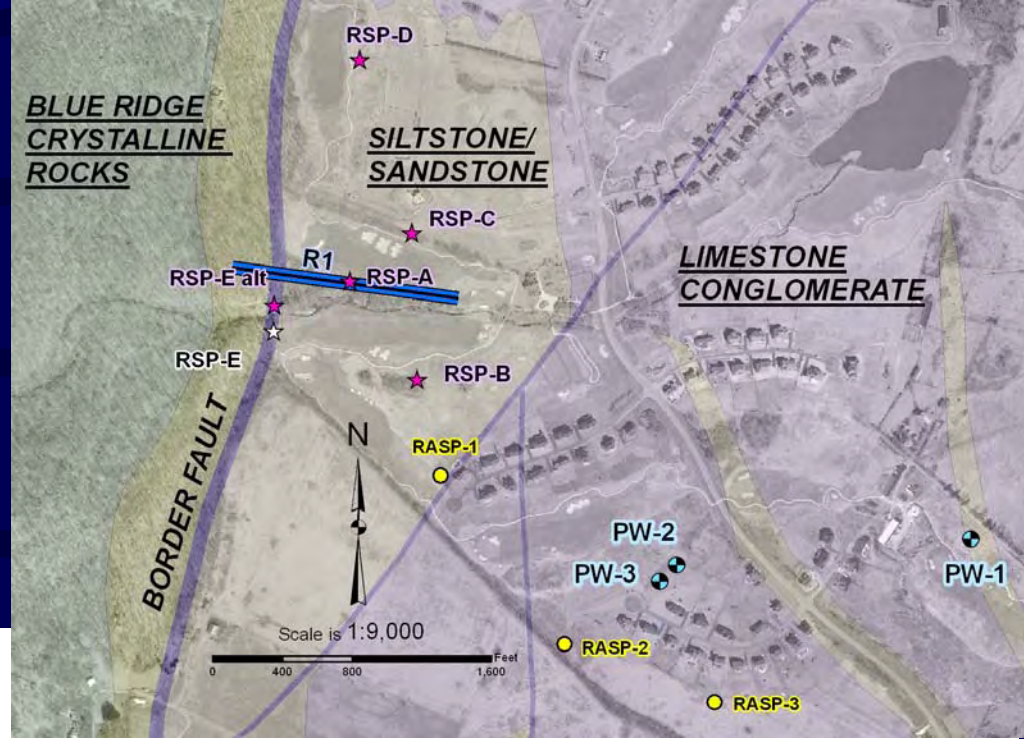
**SILTSTONE/
SANDSTONE**

**LIMESTONE
CONGLOMERATE**

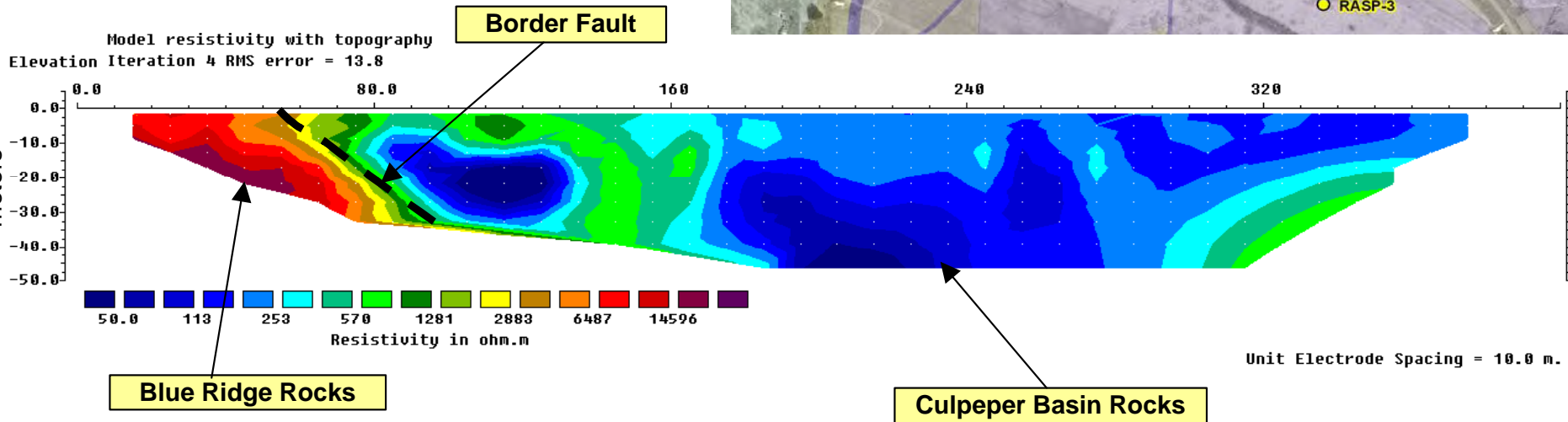
BORDER FAULT



Electrical Resistivity Survey Line R1

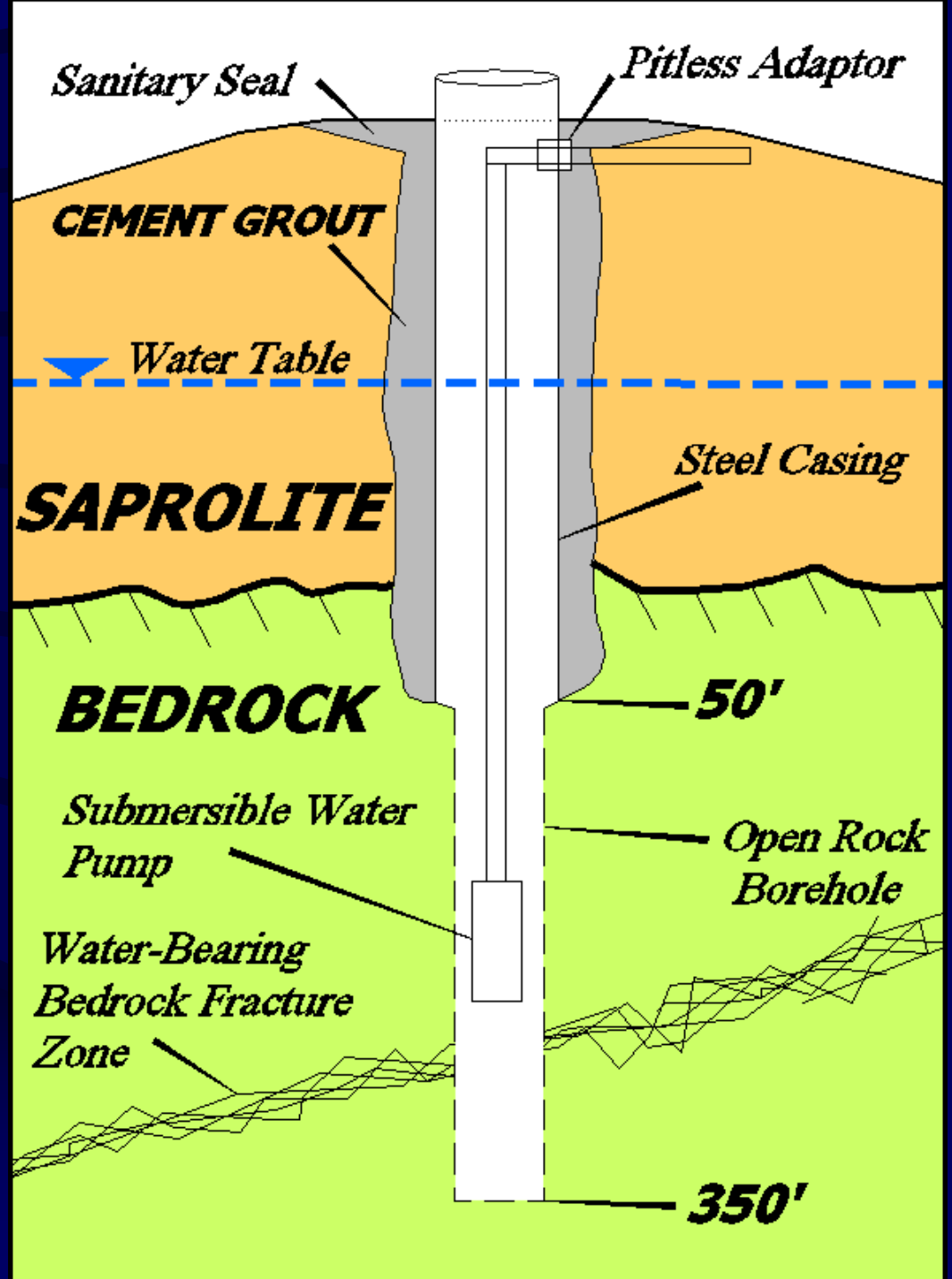


West-northwest



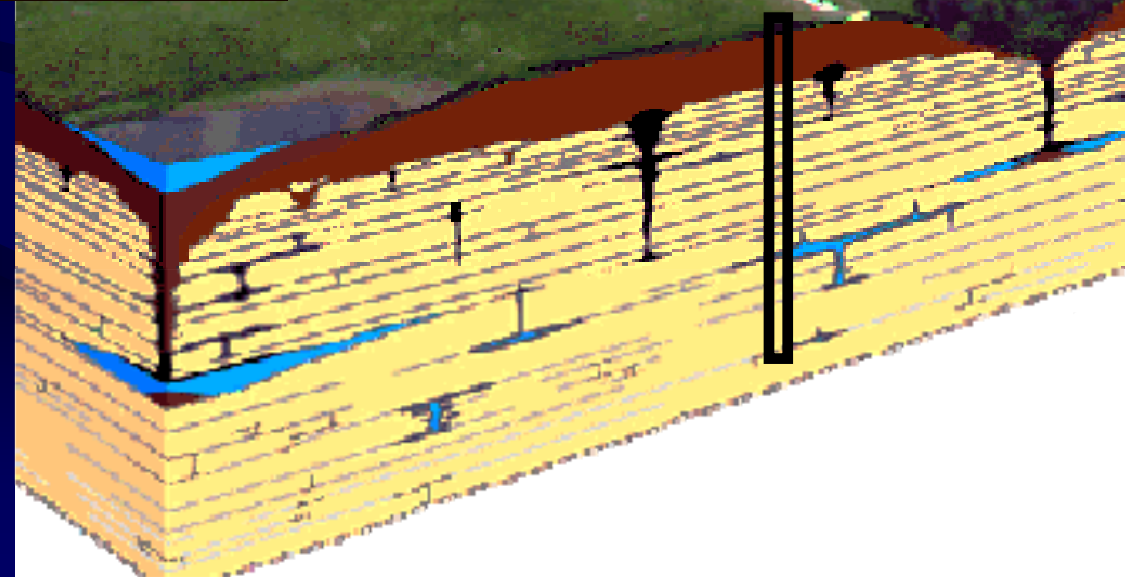
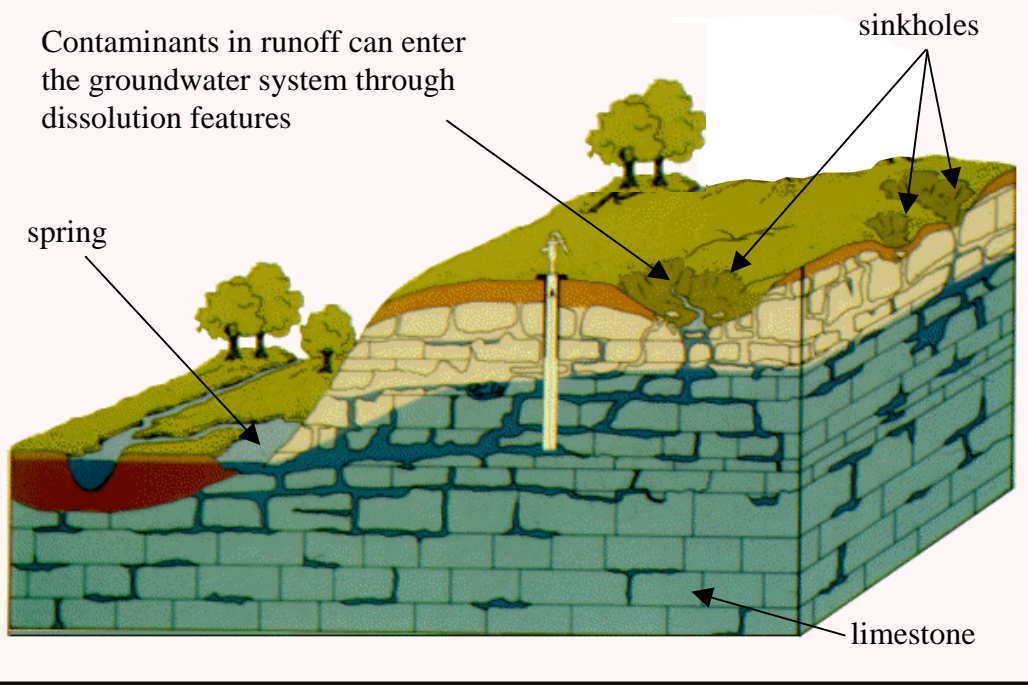
Horizontal and Vertical Axis Units are Meters

Schematic Diagram of a Bedrock Well

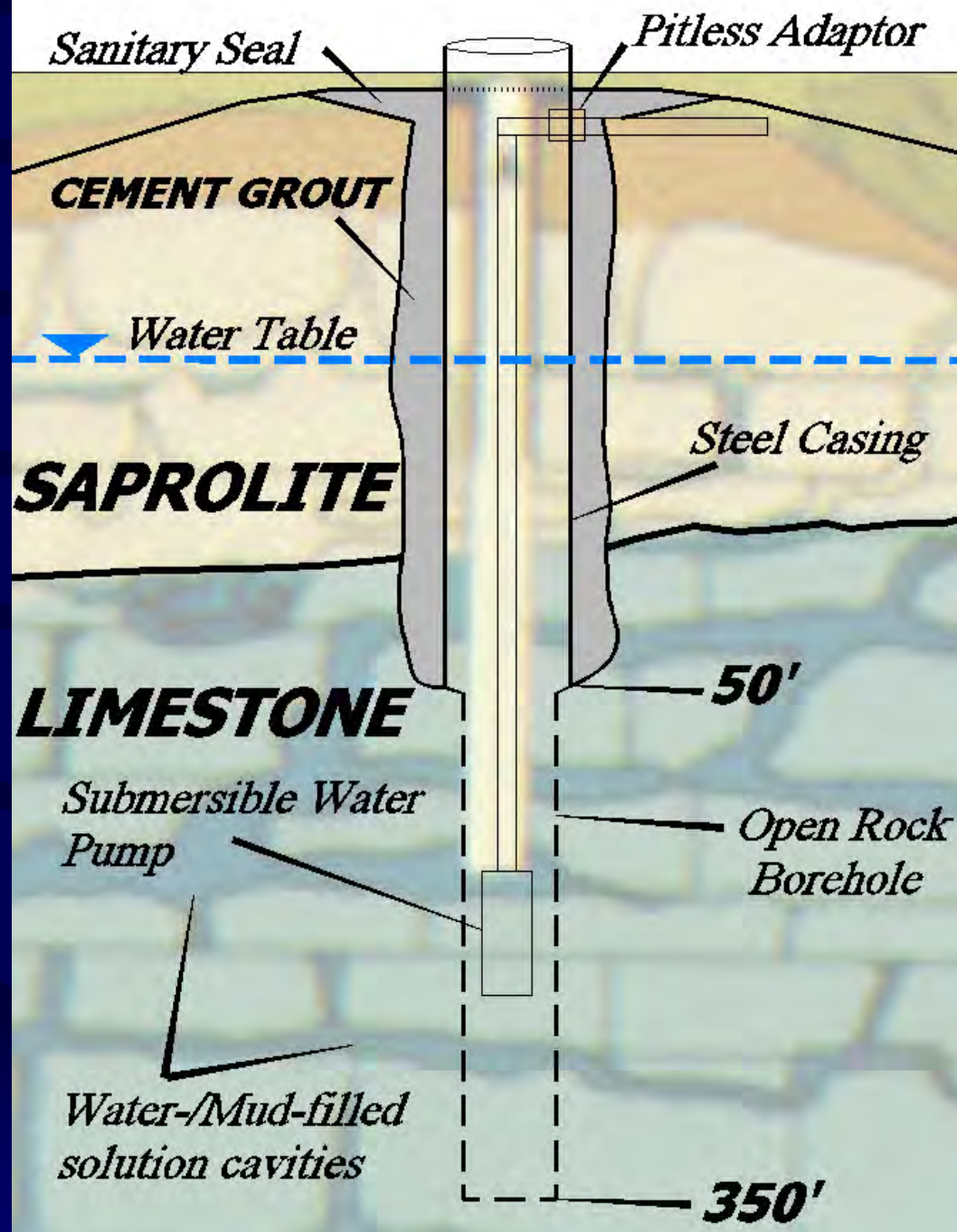


Karst features

Contaminants in runoff can enter the groundwater system through dissolution features



Schematic
Diagram of a
Bedrock Well
**KARSTIFIED
LIMESTONE
BEDROCK**



Water Supply Well PW-1

