



- |                      |   |     |                              |
|----------------------|---|-----|------------------------------|
| Ta                   | Miocene hornblende andesite intrusions                    | Jg  | Jurassic granite porphyry    |
| Oligocene ignimbites |   | Jp  | Jurassic porphyritic granite |
| Ja                   | Jurassic andesite intrusions                              | Jq  | Jurassic quartz monzonite    |
| Jpf                  | Jurassic quartz monzodiorite porphyry, felsic phase       | Jqm | Jurassic quartz monzodiorite |
| Jpi                  | Jurassic quartz monzodiorite porphyry, intermediate phase | Jgb | Jurassic (?) gabbro          |
| Jpm                  | Jurassic quartz monzodiorite porphyry, mafic phase        | TRg | Triassic (?) granite         |
|                      |   | TRr | Triassic rhyolite            |
|                      |   | TRa | Triassic andesite            |
|                      |   |     | Buried Tertiary normal fault |
|                      |   |     | Contact                      |
|                      |   |     | Contact, approximate         |
|                      |   |     | Contact, buried              |
|                      |   |     | Contact, edge of outcrop     |
|                      |   |     | Dip of contact               |
|                      |   |     | Igneous foliation            |
|                      |   |     | Deformational foliation      |
|                      |   |     | Metamorphic foliation        |
|                      |   |     | Field station, 2000, 2007    |

Sources of data: Main part: 1:12000 mapping by G. H. Ware, 1972 and J. H. Dilles, 1981, as compiled by Dilles and Proffett, 1984, NV Bur. Mines & Geol. Map 77. Eastern and northern parts: 1:12000 mapping by J. M. Proffett, 2000 and 2007

**GEOLOGIC MAP OF LUHR HILL, SOUTHEAST OF YERINGTON, NEVADA**  
by John M. Proffett, 2007

**Figure 3.1**