OUTCROP GEOLOGIC MAP, EASTERN GLASS BUTTES, OREGON

EXPLANATION:

- **Qal**: Unconsolidated fluvialitic gravel, sand, silt, includes fans, slope wash.
- **Toh**: Obsidian Hills svdual.
- **Try**: Younger Little Glass Butte flow-banded rhyolite.
- **Tof**: Obsidian flow outcrops of Little Glass Butte.
- **Tro**: Older Little Glass Butte flow-banded rhyolite.
- **To**: Obsidian, poorly exposed.

Rocks of interfingering or uncertain stratigraphic relations:

- **Tbp**: Fine-grained olivine basalt erupted from fissures and cinder cones on plateau.
- **Tbi**: Airfall tuff, younger than Tbp-Tg, uncertain relationship to Tbp.
- **Toi**: Internally-brecciated falastic basalt, interfingers with rhyolitic rocks.
- **Trp**: Shatter-cone rhyolitic rocks.

- **contact**
- **inferred contact**
- **fault** (lines on downstream side)
- **outcrop**

Index to toposgraphic base maps:

1. Hat Butte 7.5' Advance copy
2. Round Top Butte 7.5'
3. Tired Horse Butte 7.5'
4. None available, sketched from air photos.

By

Phillips Petroleum Co.

Stratigraphic Test Holes

1982