ADJOINING QUADRANGLES
[Image of geologic map]

Idaho Geological Survey

Central zone.
Projection: Idaho coordinate system, central zone (Transverse T09JK677 T08JK518 T07JK625)

1. Introduction

Regional geologic framework is based mainly on a combination of field and air photo reconnaissance, Landsat Enhanced Thematic Mapper imagery, and previous geologic mapping (PRG, 1980). Mapping was conducted in the Camas and Gooding counties, Idaho area during late 2008 and early 2009. The mapping was done in conjunction with the McHan Reservoir and the upper Black Creek quadrangle (ID-030-08).

Description of map units

- **Tuff of Gwin Spring**: This formation is a light tan, tuffaceous material, well to moderately well sorted in gravel to pebbly sand, very coarse gravel, and subrounded to angular pebbles and cobbles. It is thinning and becoming more clastic to the northwest.
- **Hash Spring gravel**: This formation consists of well to moderately well sorted gravel to pebbly sand, very coarse gravel, and subrounded to angular pebbles and cobbles, with cobbles and pebbles highly concentrated in a north-south band.
- **Tuff of Gwin Spring**: This formation is a light tan, tuffaceous material, well to moderately well sorted in gravel to pebbly sand, very coarse gravel, and subrounded to angular pebbles and cobbles. It is thinning and becoming more clastic to the northwest.

**Sedimentary and volcanic rock units**

- **Oligocene (?) tuff of Gwin Spring**: This formation is a light tan, tuffaceous material, well to moderately well sorted in gravel to pebbly sand, very coarse gravel, and subrounded to angular pebbles and cobbles. It is thinning and becoming more clastic to the northwest.

**Volcanic rock units**

- **McHan basalt**: This formation consists of a dark green, basaltic material, well to moderately well sorted in gravel to pebbly sand, very coarse gravel, and subrounded to angular pebbles and cobbles. It is thinning and becoming more clastic to the northwest.

**Volcaniclastic rock units**

- **Hash Spring tuff**: This formation consists of a light tan, tuffaceous material, well to moderately well sorted in gravel to pebbly sand, very coarse gravel, and subrounded to angular pebbles and cobbles. It is thinning and becoming more clastic to the northwest.

**Acknowledgments**

This mapping was conducted in the Camas and Gooding counties, Idaho area during late 2008 and early 2009. The mapping was done in conjunction with the McHan Reservoir and the upper Black Creek quadrangle (ID-030-08).

**References**


**Table of Contents**

- **Table of Contents**
  - General
  - Map Units
  - Sedimentary Geology
  - Tuff of Gwin Spring
  - Hash Spring gravel
  - Tuff of Gwin Spring
  - Tuff of Gwin Spring
  - McHan basalt
  - Hash Spring tuff
  - Tuff of Gwin Spring
  - Tuff of Gwin Spring