Structure Contours on the Top of the Grande Ronde Basalt in the Moscow-Pullman Basin and Vicinity, Idaho and Washington

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Structure contours: Top of the Grande Ronde Basalt

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DISCUSSION

The area contains a complex of overlapping flows of the Grande Ronde Basalt system beneath the basalt flows are generally unoriented, and may have a prominent, eastward-dipping surface. However, in the general area, the GRB is a steep, irregular, and discontinuous surface due to differential and tectonic movements in the area. The GRB and its associated flows are found in the area, and are often associated with basaltic outcrops.

The U.S. Geological Survey (USGS) has published several reports and maps on the Grande Ronde Basalt system, including the map of the top of the Grande Ronde Basalt system in the Moscow-Pullman Basin and Vicinity, Idaho and Washington. This report is intended to provide a general overview of the Grande Ronde Basalt system in the area, and to provide a basis for further research.

FUTURE SITES FOR MUNICIPAL WELLS

Municipal water wells in Pullman and Moscow, Idaho, are primarily located in the Moscow-Pullman Basin. The primary producing zones are the Grande Ronde Basalt, the University of Idaho, and the Palouse River. The Grande Ronde Basalt is the primary source of water in the Moscow-Pullman Basin, and is the primary source of water in the area.

REFERENCES


