

Geologic Log For Site WASH 51903

NWIS Site ID: 452113122493001

OWRD Log ID: WASH 51903

Well location: 02S/01W-32ADD

Depth drilled, in feet below land surface: 1030

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 250

Logged by: M. H. Beeson and T. L. Tolan

Date drilled: 02/07/1997

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
0		Ground Surface	250			
		Clay and claystone (no cuttings saved)				
		basalt, brown (no cuttings saved)	220 215			
		Sentinel Bluffs Member, Grande Ronde Basalt (no cuttings saved)	205			
		basalt, brown and gray (no cuttings saved)	186			
		claystone?				
		brown basalt (no cuttings saved)	154			
		basalt, gray (no cuttings saved)	141			
		Winter Water Member, Grande Ronde Basalt flow 1				
		flow top	111			
			90			
		Winter Water Member, Grande Ronde Basalt flow 2 A few small phenocrysts				
			9			
			-15			
		Ortley Member, Grande Ronde Basalt flow 1				
			-53			
		Vesicular zone				
		Ortley Member, Grande Ronde Basalt flow 2	-61			
			-84			
		Vesicular zone	-88			
		flow top Red, oxidized, few vesicles	-97			
			-108			
		Umtanum Member, Grande Ronde Basalt Fresh gray rock w with a slightly open texture				
			-146			

Geologic Log For Site WASH 51903

NWIS Site ID: 452113122493001

OWRD Log ID: WASH 51903

Well location: 02S/01W-32ADD

Depth drilled, in feet below land surface: 1030

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 250

Logged by: M. H. Beeson and T. L. Tolan

Date drilled: 02/07/1997

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
	(Symbol: small circles)	flow top Slightly oxidized, black basalt, few sediment chips, pyrite Grouse Creek Member, Grande Ronde Basalt flow 1 A few small phenocrysts	-165			
	(Symbol: small circles)	Vesicular flow top Weathered and oxidized Grouse Creek Member, Grande Ronde Basalt flow 2 A few microphenocrysts	-191 -210			
500	(Symbol: small circles)	flow top Weathered, oxidized, some sediment Wapshilla Ridge Member, Grande Ronde Basalt flow 1 Microphyric	-243 -255			
	(Symbol: small circles)	Vesicular zone Not oxidized (not a flow top?) Wapshilla Ridge Member, Grande Ronde Basalt flow 2 Microphyric	-279 -293			
600	(Symbol: small circles)	Vesicular flow top Slight weathering and oxidation Wapshilla Ridge Member, Grande Ronde Basalt flow 3 Microphyric	-392 -415			
700	(Symbol: small circles)	Wapshilla Ridge Member, Grande Ronde Basalt flow 3 Microphyric	-538			
800	(Symbol: small circles)					

Geologic Log For Site WASH 51903

NWIS Site ID: 452113122493001

OWRD Log ID: WASH 51903

Well location: 02S/01W-32ADD

Depth drilled, in feet below land surface: 1030

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 250

Logged by: M. H. Beeson and T. L. Tolan

Date drilled: 02/07/1997

Depth	Symbol	Lithologic Description	Elevation	Water Bearing Zones	Geochem Sample	Remarks
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">900</div> <div style="margin-bottom: 10px;">1000</div> <div style="margin-bottom: 10px;">1100</div> <div style="margin-bottom: 10px;">1200</div> </div>		<p style="text-align: center;">Vesicular zone Not oxidized (not flow top?)</p> <p style="text-align: center;">(Vesicles common to base of basalt)</p> <p style="text-align: center;">Pillow basalt Glass chips and pyrite common</p> <p style="text-align: center;">Vesicular flow top Some weathering and oxidation not microphyric</p> <p style="text-align: center;">Mt. Horrible/Downey Gulch Member Grande Ronde Basalt This flow is not microphyric and has a lower TiO2 content than Wapshilla Ridge. It could be either Mt. Horrible or Downey Gulch clay and siltstone chips (mica)</p> <p style="text-align: center;">Vesicular flow base Not microphyric, secondary calcite mix - sediment, vesicular basalt</p> <p style="text-align: center;">Micaceous siltstone Glass in sediment (peperite)</p>	<div style="margin-bottom: 10px;">-573</div> <div style="margin-bottom: 10px;">-612</div> <div style="margin-bottom: 10px;">-660</div> <div style="margin-bottom: 10px;">-703</div> <div style="margin-bottom: 10px;">-764</div> <div style="margin-bottom: 10px;">-778</div>			