

# Geologic Log For Site CLAC 54464

NWIS Site ID: 452640122093601

OWRD Log ID: CLAC 54464

Well location: 01S/05E-35BAC01






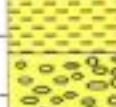
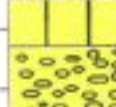

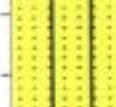



Depth drilled, in feet below land surface: 812

Land surface altitude, in feet above Nation Geodetic Vertical Datum of 1929: 665.17

Logged by: M. H. Beeson

Date drilled: 01/27/1999

## SUBSURFACE PROFILE

Depth	Symbol	Description	Elevation	Remarks
0		Ground Surface	662	
		<i>Fill</i>	642	
		<i>Boulders</i> Boulders and cobbles of andesite	622	
		<i>Sand Hollow flow</i> Coarse-grained, diktytaxitic	614	XRF sample - 40-48 Sand Hollow - 28' thick
		<i>Flow top</i> Vesicular, weathered, oxidized, with clay fillings	604	
		<i>Sand Hollow flow</i> Medium-grained, dense	587	XRF sample - 63-68
		<i>Ginkgo flow top</i>	579	XRF sample - 73-78 Ginkgo - 35' thick
		<i>Ginkgo flow</i> Phyric, fine-med grained	559	
100		<i>Ginkgo pillows</i> Glass mixed with claystone and siltstone chips from 88'+	549	
		<i>Vantage interbed</i> Tan, gray, black micaeous siltstone and claystone	537	Sentinel Bluffs I - 20'thick
		<i>Altered flow top</i> Weathered, vesicular, rounded pebbles	529	XRF sample - 128-133
		<i>Sentinel Bluffs I</i> Medium grained, open texture	514	
		<i>SB II flow top</i> Weathered, oxidized, vesicular - secondary clay and calcite		
200				

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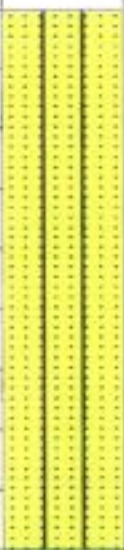

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200		<p><i>Sentinel Bluffs II</i> Microphyric, few phenocrysts, fine to medium grained</p>	462	<p>Sentinel Bluffs II - 157' thick</p> <p>XRF sample - 263-268</p>
		<p><i>WW flow top</i> Weathered, vesicular, slightly oxidized (vesicular zone has 'dirty' appearance)</p>	372	
300		<p><i>Winter Water flow</i> Plagioclase phyric (No evidence of two Winter Water flows, no flow top or fault observed at approx. 350')</p>	362	<p>Winter Water - 117' thick</p>
400				

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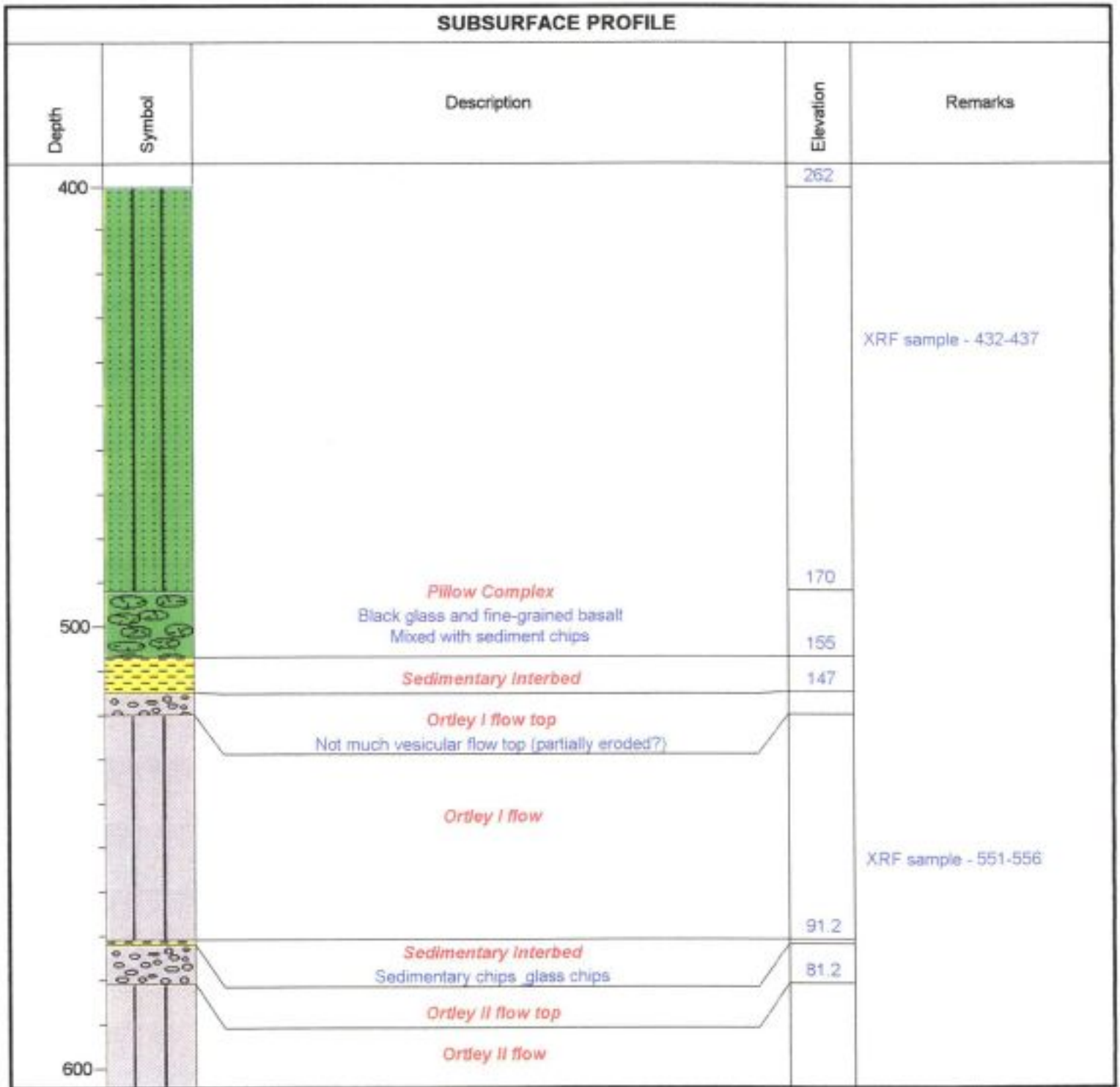
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600		<i>Ortley II flow</i>	62.2	XRF sample - 601-606
		<i>Vesicular Zone</i> Vesicular, no oxidation	41.2	Ortley - 170' thick
		<i>Ortley III flow</i>	11.2	XRF sample - 641-646
		<i>vesicular zone</i>	1.17	
		<i>Umtanum flow</i>		
		<i>pyrite interbed</i>	-20.8	XRF sample - 676-681
		<i>flow top</i> Vesicular, weathered, oxidized	-35.8	
700		<i>Grouse Creek flow</i>	-53.8	XRF sample - 706-711
		<i>vesicular zone</i>		Grouse Creek - 90' thick
		<i>Grouse Creek flow</i> slightly microphyric	-73.8	XRF sample - 731-736
		<i>vesicular zone</i> calcite, pyrite, green clay		XRF sample - 741-746
		<i>Grouse Creek flow</i>	-93.8	
		<i>vesicular zone</i>	-104	XRF sample - 761-766
		<i>Grouse Creek flow</i>	-118	
		<i>Grouse Creek flow top</i>		
800		<i>Grouse Creek flow</i> slightly microphyric	-138	XRF sample - 796-801