

601916

CLACKAMAS CTGH-1

DEPTH FEET	ELEV. 3840'	UNIT INTERVAL	LITHOLOGIC DESCRIPTION
0		0-40	<u>Basaltic boulders</u> , till.
200		40-815	<u>Basalt Flows</u> 0 to 2% 1mm plag, dark gray, fine grain diktytaxitic, vesicular, 25' thick flows; gray to grayish red flow breccias.
400		815-846	<u>Lithic Tuff</u> nonwelded, gray to brn lapilli + yel. ash.
600		846-1114	<u>Andesite (?) Flow</u> fine grain, 20% 1mm plag + pxn, Pyroclite and pink clay on fractures.
800		1114-1138	<u>Lahar</u> crude beds, vol. clasts, carbon, tuff-clay matrix.
1000		1138-1243	<u>Dacite Flow</u> 10% 1-3mm pheno, grn-blk, vesicular.
		1243-1587	<u>Dacite Flow or Dome</u> 2% 1mm crystals, 50' top breccia.
		1587-1694	<u>Lahars</u> lapilli + blocks in ash + clay matrix, rnd clasts, and <u>Basalt Flow</u> vesicular, 2% 2mm plag 1629-1673.
		1694-1820	<u>Basalt (?) Flow</u> nonporphyritic, olive-black.
		1820-1826	<u>Lapilli Tuff</u> clay alt. waxy, red-brn-orange.
2000		1826-2240	<u>Basalt Flow</u> vesicular, dk-gray-black, nonporphyritic, strong chloritization, clay amygdules, zeolite.
		2240-2318	<u>Basaltic Flow Breccia</u> vesicular, zeolite, chloritized.
		2318-2419	<u>Lahar</u> minor ash + vol. Breccia, chlorite and clay.
		2419-2454	<u>Andesitic Breccia</u> chloritized, 6' Ash Flow Tuff interbed.
		2454-2586	<u>Andesite Flows</u> 15% 2mm plag, chloritized, dk grn-gray.
		2586-2657	<u>Lithic Tuffs</u> lapilli and crystal rich, fiamme, 10% xls.
		2657-2694	<u>Olivine Basalt</u> 10% 2mm olivine, zeolite amygdules.
		2694-2726	<u>Lahars & Lapilli Ash</u> mixed vol. lithologies, rnd clasts.
		2726-2842	<u>Andesite Flow</u> 5% 2mm pxn, 2% plag, zeo, celadonite, chl.
3000		2842-2966	<u>Volcanoclastic or Lahar</u> mixed litho. nonsorted, clay alt. Ash or Tuff 2935-2952, trace plag: xls, gray-red.
		2966-4800	<u>Basalt Flows</u> vesicular, 2% 1mm plag, gray to olive black. 5-10' flow centers and equal or thicker flow breccias, chalcedony and celadonite amygdules, 30% of vesicles open, chlorite and zeolite. Upper contact is a minor fault.
4000			
4800			

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