

Supplement to Dawes, R. L., 2024, "Glaciotectonics of the Okanogan Lobe, North Central Washington State," Geological Society of America Abstracts with Programs. Vol. 56, No. 4, 2024, doi: 10.1130/abs/2024CD-399236, URL <https://gsa.confex.com/gsa/2024CD/meetingapp.cgi/Paper/399236>.

Table of Selected Glaciotectonic Landforms, Waterville Plateau, north central Washington state					
Hill-hole pairs	Hill location (approximate center)		Hole location (approximate center)		hill type
Name of feature or nearby place name. Pt refers to elevation point (ft above sea level) marked on 1:24,000 scale USGS topographic map.	latitude	longitude	latitude	longitude	(Aber & Ber, 2007)
Pot Hills, BM 2242	47.8146	-119.4567	47.8430	-119.4859	composite ridge
Burke Hill, Pt 2541	47.7938	-119.7102	47.8035	-119.7026	cupola hill
Lone Butte, Pt 2557	47.8166	-119.7343	47.8286	-119.7238	cupola hill
hill W of Lone Butte	47.8197	-119.7732	47.8239	-119.7676	cupola hill
Piersol Hills, Pt 2307	47.8328	-119.5359	47.8364	-119.5417	composite ridge
Hook Hills, Pt 2358	47.8646	-119.5184	47.8709	-119.5231	cupola hill
Wheeler Hills, Pt 2332, Rummel Lake	47.8505	-119.5269	47.8535	-119.5309	composite ridge
SW of Pot Hills	47.7915	-119.5073	47.7980	-119.5107	composite ridge
N of Burton Draw	47.6747	-119.5421	47.6762	-119.5425	cupola hill
Chester Butte, Pt 2394	47.7386	-119.5399	47.7449	-119.5432	composite ridge
E of Grimes Lake	47.7316	-119.5729	47.7423	-119.5722	raft
W of Grimes Lake	47.7527	-119.6036	47.7550	-119.6035	cupola hill
W of Mansfield, Pt 2525	47.7738	-119.7382	47.7766	-119.7352	raft
W of Mansfield	47.7863	-119.7782	47.7887	-119.7744	composite ridge
SW of Mansfield	47.7652	-119.7823	47.7743	-119.7746	cupola hill
SW of Mansfield, Pt 2711	47.7435	-119.7795	47.7512	-119.7716	cupola hill
NW of Cornehl Lake, Pts 2824, 2543	47.8881	-119.8133	47.8893	-119.7951	composite ridge
W of Cornehl Lake	47.8857	-119.7892	47.8875	-119.7814	cupola hill
Whisky Rd NW, Pt 2766	47.9242	-119.8195	47.9302	-119.8051	composite ridge
Dyer Butte, Pt 2953, Dezelle Lake	47.9857	-119.7724	47.9879	-119.7540	composite ridge
W of Alexander Lake, Pt 2896	47.9983	-119.7719	47.9993	-119.7681	composite ridge
W of McLain Lake, Pt 2725	47.9917	-119.7411	47.9931	-119.7328	cupola hill
E of Timber Peak	48.0410	-119.7265	48.0476	-119.7230	composite ridge
Duley Lake	48.0186	-119.4118	48.0278	-119.4099	composite ridge
on Pearl Hill W of Duley Lake	48.0343	-119.4335	48.0369	-119.4326	cupola hill
on Pearl Hill, Pt 2431	48.0324	-119.4907	48.0436	-119.4928	composite ridge
Ragged Butte, Pt 2478	47.9971	-119.3852	48.0110	-119.3859	composite ridge
E of Ragged Butte, Pt 2329	47.9888	-119.3548	47.9932	-119.3567	composite ridge
S of Pearl Hill	47.9543	-119.3566	47.9661	-119.3607	cupola hill
Klinkhammer Lakes, south lake	47.9999	-119.4578	48.0035	-119.4594	cupola hill

Notes: (1) These landforms were selected based on criteria for identifying glaciotectonic hill-hole pairs (Aber and Ber, 2007). (2) This is not an exhaustive list. It includes most of the largest glaciotectonic hills recognized in the area and examples of smaller ones.

Lit of cited references on next page.

References Cited

Aber, J. S. and Ber, A., 2007. Glaciotectonism. *Developments in Quaternary Science*, vol. 6. Elsevier, Amsterdam, 246 p. ISBN 978-0-444-52943-5.

Evans, D. J. A. and Rea, B. R., 1999. Geomorphology and sedimentology of surging glaciers: a landsystems approach. *Annals of Glaciology*, 28, pp. 75-82.

Evans, D. J. A., Phillips, E. R., and Atkinson, N., 2021, Glacitectonic rafts and their role in the generation of Quaternary subglacial bedforms and deposits. *Quaternary Research* 104. pp. 101-135.

Hanson, L. G. 1970. The Origin and Development of Moses Coulee and Other Scabland Features on the Waterville Plateau, Washington. PhD Dissertation. University of Washington. 139 p.

Levson, V. M., Plouffe, A., Ferbey, T., and Bond, J. D., 2014, Refined ice-flow directions of the Cordilleran Ice Sheet and implications for mineral exploration. *Geological Society of America Abstracts with Programs*. Vol. 46, No. 6, p.655.

Waite, R. B. Scores of gigantic, successively smaller Lake Missoula floods through Channeled scabland and Columbia valley. in Swanson, D. A., and Haugerud, R. A., eds. *Geologic field trips in the Pacific Northwest prepared for the 1994 Geological Society of America Annual Meeting*, 1, 1K1-88, 1994.