

Text S2: Scarp-profile locations and VS measurements

Vertical Separation (VS) measurements for the Warm Springs section							
Name	Latitude	Longitude	Type	Preferred VS (m)	Minimum VS (m)	Maximum VS (m)	Notes
1	4913959.08	260469.379	1983	0.21	0.15	0.54	abundant small vegetation
2	4913868.73	260501.394	1983	0.08	0.02	0.23	abundant small vegetation
3	4913711.31	260567.917	PH	1.68	1.40	1.80	-
4	4913709.61	260585.75	1983	0.24	0.19	0.33	-
5	4913661.3	260621.84	1983	0.27	0.11	0.38	scarp better expressed on 10cm DSM
6	4913594.06	260662.347	1983	0.25	0.19	0.66	-
7	4913513.53	260712.585	1983	0.16	0.07	0.25	vegetation on scarp, but surfaces VS
8	4913478.11	260739.758	PH	2.40	2.05	2.89	broad scarp, but clear upper surface
9	4913441.7	260762.823	1983	0.29	0.19	0.37	scarp mod well expressed
10	4913370.92	260815.211	1983	0.32	0.21	0.53	poorly expressed upper surface
11	4913338.3	260841.246	1983	0.26	0.15	0.34	mod well expressed surfaces
12	4913188.93	260933.652	1983	0.20	0.09	0.28	heavy vegetation; scarp best expressed on 10cm DSM
13	4913049.6	260975.985	1983	0.24	0.06	0.48	heavy vegetation; scarp best expressed on 10cm DSM
14	4912948.9	261001.491	1983	0.34	0.26	0.62	heavy vegetation; poor scarp expressed
15	4912872.31	261023.359	1983	0.26	0.08	0.31	broad scarp
16	4912778.61	261069.595	1983	0.15	0.13	0.33	broad scarp; scarp mod well expressed
17	4912746.6	261055.347	PH	2.65	2.50	3.08	minimal vegetation removal
18	4912662.01	261158.422	1983	0.17	0.06	0.23	mod to poor scarp expression
19	4912597.24	261193.658	1983	0.27	0.15	0.45	scarp mod well expressed
20	4912521.9	261226.599	1983	0.24	0.23	0.62	scarp well expressed on 10cm DSM
21	4912311.7	261329.601	1983	0.32	0.16	0.47	scarp mod well expressed
22	4912191.6	261394.927	PH	3.23	2.44	3.31	no vegetation removal. double scarp
23	4912158.84	261431.745	1983	0.13	0.06	0.26	scarp mod well expressed
24	4912094.69	261486.898	1983	0.31	0.31	0.40	scarp well expressed
25	4912076.49	261472.055	PH	3.23	2.34	3.36	no vegetation removal; double scarp

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26	4912001.08	261554.314	1983	0.26	0.21	0.53	scarp well expressed
27	4911974.73	261610.591	1983	0.28	0.22	0.28	scarp well expressed
28	4911943.06	261657.666	1983	0.22	0.20	0.37	scarp well expressed
29	4911886.6	261733.98	PH	2.56	1.42	3.15	lower scarp: 1.0-1.5m, upper scarp: 1.6-1.9m; no vegetation removal
30	4911870.86	261717.576	PH	1.37	1.25	2.20	lower scarp only; no vegetation removal
31	4911836.7	261801.66	1983	0.32	0.21	0.35	scarp mod well expressed
32	4911824.28	261822.417	1983	0.17	0.14	0.25	scarp mod well expressed; minimal vegetation removal
33	4911777.32	261858.929	1983	0.28	0.27	0.39	scarp well expressed
34	4911727.2	261894.847	1983	0.24	0.10	0.33	scarp poor-mod expressed; abundant vegetation
35	4911645.5	261875.519	PH	2.82	2.54	3.74	2.54m using lower scarp face.; no vegetation removal
36	4911607.11	261953.825	PH	3.86	2.30	5.36	pref. using lower scarp.; low-mod confidence
38	4911550.44	262035.335	PH	1.40	1.13	1.50	0.51-0.59m antithetic acct for; no vegetation removal
39	4911482.3	262074.949	PH	2.35	2.25	2.44	~1m antithetic accounted for; no vegetation removal
40	4911428.85	262098.889	PH	2.88	2.67	3.23	1.18-1.25 antithetic accounted for; no vegetation removal
41	4911419.44	262173.395	1983	0.20	0.12	0.24	heavy vegetation; scarp poor-mod expressed
42	4911231.2	262304.403	PH	3.31	3.11	3.49	~1m antithetic accounted for; no vegetation removal
44	4911016.43	262730.368	PH	3.68	2.93	5.03	1.1-2.1m antithetic VS (p43) accounted for; no vegetation removal
45	4910903.72	262548.808	PH	2.11	1.16	2.31	0.06-1.28m m antithetic accounted for; no vegetation removal
46	4910831.19	262640.108	PH	3.84	3.50	4.53	2m antithetic accounted for; no vegetation removal, summed with p47
49	4910449.08	262945.636	PH	3.86	3.28	4.52	1.58-2.08m antithetic accounted for; no vegetation removal
50	4910261.58	263130.289	PH	4.11	3.52	5.06	0.89-1.53m antithetic accounted for; no vegetation removal
51	4909790.33	263597.108	PH	3.28	2.86	3.67	no antithetic scarps; vegetation removed
52	4909752.25	263599.344	PH	3.26	3.19	3.82	no antithetic scarps; vegetation removed
53	4909598.38	263619.806	1983	0.42	0.22	0.49	scarp mod expressed; vegetation removed
54	4909558.53	263630.713	1983	0.34	0.12	0.40	scarp poor expressed
55	4909453.52	263683.616	PH	1.95	1.67	2.01	scarp well expressed
56	4909462.85	263706.622	1983	0.38	0.36	0.46	scarp well expressed

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57	4909447.69	263721.862	1983	0.65	0.47	0.82	scarp well expressed
58	4909370.4	263873.124	1983	0.59	0.53	0.66	scarp well expressed; minimal vegetation
59	4909367.15	263880.083	1983	0.47	0.45	0.50	scarp well expressed; mod vegetation
60	4909352.28	263889.211	1983	0.49	0.37	0.55	scarp well expressed; mod vegetation
61	4909287.88	263928.105	1983	0.56	0.48	0.63	scarp well expressed; lower surface poor constrained
62	4909283.17	263931.836	1983	0.70	0.59	0.76	scarp well expressed; poor constrained surfaces
63	4909173.47	263961.932	1983	0.22	0.21	0.27	scarp well expressed
64	4909165.36	263969.473	1983	0.29	0.23	0.30	upper surface very heavy vegetation, poor constrained
65	4909148.15	263978.64	1983	0.34	0.34	0.40	scarp well expressed; minimal vegetation
66	4909144.2	263978.72	1983	0.40	0.33	0.40	scarp well expressed; mod vegetation
67	4909116.5	263980.625	1983	0.49	0.37	0.65	scarp well expressed; lower surface. uncertain
68	4909075.98	263996.143	1983	0.46	0.44	0.46	scarp well expressed; mod vegetation
69	4909083.1	263994.377	1983	0.26	0.24	0.37	scarp well expressed; mod vegetation
70	4909051.95	264016.304	1983	0.61	0.58	0.61	scarp well expressed
71	4909039.62	264024.003	1983	0.50	0.48	0.60	scarp well expressed; minimal vegetation
72	4909017.74	264026.94	1983	0.55	0.36	0.65	scarp well expressed; upper surface. poor constr.
74	4908995.33	264057.564	1983	0.68	0.61	0.68	scarp well expressed; rounded scarp face
75	4908987.18	264068.016	PH	3.82	2.56	4.45	scarp well expressed; VS includes multiple iterations
76	4908946.91	264100.056	1983	0.69	0.29	0.71	scarp well expressed; lower surface. poor constr.
77	4908940.16	264099.271	PH	3.90	3.90	4.04	scarp well expressed; uncertain if surface correlative
78	4908926.1	264114.066	1983	0.49	0.41	0.58	scarp well expressed; lower surface. uncertain
79	4908828.05	264234.577	1983	0.21	0.12	0.22	scarp poorly expressed
80	4908816.62	264256.782	1983	0.26	0.16	0.39	scarp poorly expressed
81	4908779.55	264268.47	1983	0.67	0.39	0.86	scarp well expressed; minimal vegetation
82	4908734.72	264281.508	1983	0.34	0.24	0.47	scarp mod-poorly expressed; mod-heavy vegetation
83	4908722.38	264286.965	1983	0.47	0.39	0.57	scarp mod-well expressed; mod vegetation
84	4908673.11	264288.493	1983	0.38	0.30	0.50	scarp mod-well expressed; mod vegetation

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85	4908617.66	264283.569	1983	0.67	0.27	0.82	scarp well expressed; lower surface. uncertain--vegetation
86	4908590.98	264297.026	1983	0.89	0.72	1.03	scarp well expressed; minimal vegetation
87	4908575.86	264302.304	1983	0.95	0.88	0.95	scarp v. well expressed; minimal vegetation
88	4908573.1	264301.729	PH	1.51	1.36	1.96	uncertain if older scarp is present
89	4908526.38	264309.785	1983	0.88	0.78	0.99	scarp v. well expressed; minimal vegetation
90	4908489.97	264310.003	1983	0.29	0.21	0.44	minimum? lower surface. uncertain; mod vegetation
91	4908462.53	264308.178	1983	0.79	0.56	0.82	scarp well expressed; mod vegetation
92	4908360.38	264294.624	1983	0.42	0.36	0.46	scarp mod-well expressed; mod vegetation
93	4908306.82	264292.303	1983	0.70	0.49	0.82	scarp well expressed; mod vegetation
94	4908284.16	264282.46	PH	2.98	2.27	3.24	scarp v. well expressed mod vegetation
95	4908264.28	264288.827	1983	0.49	0.43	0.57	scarp well expressed; lower surface uncertain
96	4908196.07	264288.532	1983	0.64	0.31	0.71	lower surface. poorly constrained; double scarp
97	4908163.21	264288.453	1983	0.61	0.42	0.74	scarp well expressed; minimal vegetation; good surfaces
98	4908091.34	264304.05	1983	0.85	0.74	0.85	scarp v. well expressed; minimal vegetation; good surface
99	4908068.03	264324.939	PH	1.89	1.41	1.94	broad scarp; minimal vegetation
100	4908041.03	264340.255	1983	0.71	0.68	0.73	scarp well expressed; minimal vegetation; lower surface. uncertain
101	4908012.49	264352.178	1983	0.73	0.63	0.73	scarp v. well expressed minimal vegetation; good surfaces
102	4907970.65	264384.649	1983	1.04	0.90	1.05	scarp v. well expressed minimal vegetation; good surfaces
103	4907954.57	264395.762	PH	4.48	3.81	4.93	broad scarp; minimal vegetation; likely correlative surfaces
104	4907953.28	264419.755	1983	0.53	0.39	0.71	scarp well expressed; lower surface. uncertain; mod vegetation
105	4907935.53	264463.247	1983	0.96	0.74	1.09	scarp well expressed; minimal vegetation
106	4907924.69	264471.32	PH	2.87	2.41	3.27	broad scarp; minimal vegetation; correlative surfaces
107	4907922.08	264489.095	1983	0.53	0.40	0.55	scarp well expressed; minimal vegetation; good surfaces
108	4907895.54	264563.69	1983	0.54	0.26	0.62	scarp well expressed; minimal vegetation; good surfaces
109	4907793.61	264684.138	1983	1.02	0.58	1.12	scarp well expressed; lower surface. uncertain; mod vegetation
110	4907765.69	264698.901	1983	0.43	0.32	0.46	scarp poorly expressed; poor surfaces; heavy vegetation
111	4907754.53	264709.07	1983	0.52	0.31	0.63	scarp mod expressed; lower surface uncertain; mod vegetation

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37	4911637.29	261989.303	1983	-	-	-	too vegetated to measure; no signal.
43	4910971.83	262480.987	PH	-	-	-	1.1-2.1m VS for antithetic scarp combined with p44
47	4910917.07	262778.063	PH	-	-	-	0.98 (0.69-1.15) m VS combined with p46
48	4910545.74	262874.694	PH	-	-	-	12.16 (7.35-17.84) m. Unknown surface, poor surface
73	4908998.15	264043.846	PH	-	-	-	1.56 (1.43-1.78) m culled. Poor surface; edge of fan
113	4907621.35	264825.111	PH	-	-	-	not measured--bedrock/alluvial contact?
114	4907613.42	264882.856	PH	-	-	-	not measured--bedrock/alluvial contact?
126	4909515.86	263129.222	1983	-	-	-	0.99(0-1.32) m; lower:0.29-0.61; upper: 0.67-1.28
131	4910945.26	262773.828	PH	-	-	-	0.65 (0.45-0.65) m; summed with p45; heavy vegetation
Latitude and longitude reported as WGS 1984, UTM zone 12N. Scarp type: 1983 – 1983 Borah Peak rupture; PH – prehistoric.							

Vertical separation (VS) measurements for the Willow Creek Hills area							
Name	Latitude	Longitude	Type	Preferred VS (m)	Minimum VS (m)	Maximum VS (m)	Notes
1	4903690.576	266861.5924	PH	2.20	1.85	2.49	good surface, but mod vegetation; possible scarp burial from adjacent drainage
2	4903635.808	266915.0383	PH	2.11	1.92	2.33	good surface, but mod vegetation; possible scarp burial from adjacent drainage
4	4902901.214	267277.5017	1983	0.28	0.16	0.35	scarp well expressed; min vegetation; dual scarp accounted for in VS
5	4902890.978	267287.5393	1983	0.22	0.15	0.22	scarp poorly expressed; min vegetation
6	4902788.368	267326.8552	1983	0.28	0.25	0.31	scarp well expressed; min vegetation; clear surfaces
7	4902786.632	267327.1409	1983	0.21	0.16	0.22	scarp well expressed; min vegetation, bush on hanging wall; good surface
8	4902776.874	267332.295	1983	0.29	0.28	0.31	scarp well expressed; but limited upper surface; min vegetation
9	4903416.811	267075.5746	PH	3.47	3.32	3.94	limited upper surface; mod vegetation
10	4902708.233	267386.1246	1983	1.03	0.93	1.06	scarp well expressed, but limited lower surface; min vegetation
11	4902706.805	267386.5016	1983	0.86	0.81	0.88	scarp well expressed; very clear surfaces; no vegetation
12	4902697.419	267391.2244	1983	0.85	0.81	0.95	scarp well expressed; clear surface, but limited upper surface; min vegetation
13	4902673.197	267405.9706	1983	0.93	0.93	1.05	scarp well expressed; clear surface; min vegetation
14	4902667.676	267409.8897	1983	1.01	0.69	1.08	scarp well expressed; clear surface, but limited lower; min-mod vegetation
15	4902601.574	266883.766	1983	0.19	0.15	0.21	small well def scarp on fan remnant; min-mod vegetation

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16	4902612.141	266933.2204	1983	0.19	0.18	0.28	south facing, small well def scarp on fan remnant; mod vegetation
17	4902613.15	266939.1738	1983	0.32	0.32	0.42	south facing, small well def scarp on fan remnant; mod vegetation
18	4902623.332	266969.2621	1983	0.38	0.34	0.38	south facing, small mod well defined scarp; good surface, but mod vegetation
19	4902688.528	267151.339	1983	0.57	0.57	0.63	south facing; small, well-expressed scarp; good surface; mod vegetation
20	4902698.779	267222.9535	1983	0.54	0.49	0.56	south facing, small, well-expressed scarp; good surface; dual scarp; mod vegetation
21	4902700.785	267244.1056	1983	0.57	0.53	0.59	south facing, small, well-expressed scarp; good surface; dual scarp; mod vegetation
22	4902700.929	267250.6915	1983	0.41	0.30	0.41	south facing, small, mod-well-expressed scarp; mod surface; mod vegetation
23	4902636.633	267324.7684	1983	0.58	0.49	0.61	south facing, small, well-expressed scarp; poor upper surface - heavy vegetation
24	4902635.032	267328.3535	1983	0.77	0.61	0.85	south facing, small, well-expressed scarp; mod surface; mod vegetation
25	4902595.896	267375.6487	1983	0.44	0.34	0.47	south facing, small, well-expressed scarp; good surfaces, min vegetation
26	4902591.187	267380.3318	1983	1.04	1.00	1.13	south facing, well-expressed scarp; good surface; min vegetation
27	4902575.652	267407.4822	1983	0.98	0.96	0.98	south facing, well-expressed scarp; good surface; min vegetation; limited lower surface
28	4902530.65	267417.2149	1983	1.04	1.00	1.19	west facing scarp; good surface, but heavy vegetation
29	4902535.778	267416.2386	1983	0.93	0.79	1.03	west facing scarp; good surface, heavy vegetation on lower surface
30	4902507.39	267431.0487	1983	0.82	0.81	0.83	west facing scarp; well-expressed scarp; mod vegetation, but clear surfaces
31	4902505.858	267434.3665	1983	0.86	0.81	0.86	west facing scarp; well expressed; mod vegetation; clear surfaces
32	4902501.222	267439.6397	1983	1.05	1.05	1.11	west facing scarp; well expressed; heavy vegetation, but clear surface
33	4902425.412	267450.29	PH	7.35	6.93	7.87	large, broad scarp; likely graben; min-mod vegetation
34	4902319.392	267500.4047	PH	6.11	5.56	6.57	large, broad scarp along ridge; dual scarp accounted for in measurement location; minimal vegetation
35	4902248.127	267488.2079	PH	7.57	6.47	8.14	large, broad scarp; dual scarp acct for in measurement location; min-mod vegetation
36	4902456.22	267461.698	1983	0.50	0.45	0.60	minor scarp on planar face; min vegetation; scarp well defined
37	4902434.253	267465.1905	1983	0.65	0.49	0.65	minor scarp on planar face; min vegetation; scarp well defined
38	4902410.798	267470.4689	1983	0.69	0.56	1.13	scarp mod expressed; lower surface more uncert; min-mod vegetation
39	4902376.944	267471.2428	1983	0.79	0.51	1.01	scarp well expressed; lower surface mod uncertain; min vegetation
40	4902366.169	267478.3469	1983	0.91	0.68	1.00	scarp well expressed; min vegetation
41	4902355.175	267488.745	1983	0.84	0.63	0.94	scarp well expressed; min vegetation; includes 0.36-0.29-0.37m synthetic VS
42	4902278.658	267499.3416	1983	1.51	0.95	1.59	double scarp well expressed; min vegetation

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43	4902206.387	267523.1343	1983	1.11	0.87	1.16	scarp well expressed; lower surface mod uncertain; minimal vegetation
44	4902184.42	267538.414	1983	0.84	0.63	0.86	scarp well expressed; lower surface mod uncertain; min vegetation
45	4902147.649	267581.7529	1983	0.75	0.66	0.76	scarp well expressed, but possible min VS because of subparallel strands; min vegetation
46	4902119.372	267588.8768	1983	0.83	0.57	1.00	scarp well expressed; less uncertain in lower slope; min vegetation
47	4902075.18	267629.9733	1983	0.92	0.71	1.01	scarp well expressed; less uncertain in lower surface; min vegetation
48	4902534.309	266821.9091	1983	0.70	0.53	0.70	south, uphill facing scarp. Well expressed. Mod uncertain in surface; min vegetation
49	4902546.883	266905.0976	1983	0.58	0.44	0.61	south, uphill facing scarp. Mod-well expressed. Mod uncertain in surface; min vegetation
50	4902556.557	266946.0585	1983	0.63	0.50	0.67	south, uphill facing scarp. Well expressed. Mod uncertain in surface; min vegetation
51	4902564.974	267021.961	1983	0.40	0.34	0.42	south, uphill facing scarp. Well expressed, but heavy vegetation; good surfaces
52	4902569.803	267036.0832	1983	0.36	0.33	0.37	south, uphill facing scarp. Well expressed, mod vegetation; good surfaces
53	4902578.947	267063.3684	1983	0.16	0.12	0.21	south, uphill facing scarp. Subtle scarp; mod surface; mod vegetation
54	4902735.756	266044.026	PH	2.95	2.24	3.09	PH + 1983? PH scarp crest apparent. Scarp/graben well expressed; mod vegetation
55	4902709.483	266092.8417	PH	3.24	3.24	3.54	PH + 1983? weak PH scarp crest apparent. Scarp/graben well expressed; mod vegetation
56	4902665.734	266155.5698	1983	1.83	1.67	2.15	1983 only, inset surface; scarp well expressed; mod vegetation
57	4902570.18	266253.7351	1983	1.50	1.15	1.67	1983 only; inset surface (older than at 200); well-expressed scarp; mod vegetation
58	4902559.623	266302.8684	1983	1.56	1.56	1.89	1983 only; inset surface (older than at 200); well-expressed scarp; mod vegetation
59	4902547.716	266385.736	PH	1.92	1.71	1.92	PH+ 1983 VS? possible older surface; well-expressed scarp; mod vegetation
60	4902557.638	266459.3168	PH	1.89	1.75	2.12	PH + 1983 VS? possible older surface; well-expressed scarp; mod vegetation
61	4902544.568	266353.5406	PH	3.49	3.26	3.95	PH + 1983 VS; older surface(?); well-expressed scarp; mod vegetation
62	4902485.314	266302.8981	1983	0.27	0.18	0.31	scarp well expressed; good surfaces; min-mod vegetation
63	4902455.747	266321.3528	PH	1.48	1.42	1.57	PH + 1983; rounded scarp crest; good surfaces; scarp well expressed
64	4902436.895	266334.2513	PH	1.60	1.54	1.73	PH + 1983; rounded scarp less apparent; good surface; scarp well expressed
65	4902282.378	266442.7968	1983	0.31	0.03	0.41	scarp well expressed; good surfaces; min-mod vegetation; no PH scarp
66	4902123.124	266591.5553	1983	0.58	0.54	0.63	scarp well expressed; good surfaces; no vegetation; no PH scarp
67	4902016.873	266666.439	1983	1.15	0.99	1.20	double scarp; well expressed; good surface; measured at both scarps; min vegetation; no prehistoric VS.
68	4901960.842	266693.1162	1983	0.80	0.67	0.99	double scarp; well expressed; good surface; preferred VS accounts for both; min/max sum of individual scarps

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69	4901882.647	266786.1363	1983	0.84	0.73	0.93	scarp well expressed; good surface; min vegetation
70	4902830.073	265831.4535	1983	1.55	1.40	1.78	scarp well expressed, but large graben, multiple measurement locations, min vegetation
71	4902842.724	265743.0163	1983	1.49	1.47	2.32	scarp well expressed, but large graben, poor constrained lower surface; heavy vegetation
72	4903033.049	265451.2531	1983	1.78	1.78	2.10	scarp well expressed, upper surface slope not consist; PH scarp? min vegetation
73	4903090.516	265365.5279	1983	1.99	1.87	2.35	scarp well expressed; surface slopes not consist; PH scarp? min vegetation
74	4903175.76	265194.2495	1983	1.97	1.90	2.33	scarp well expressed; surface slopes not consist; PH scarp? min vegetation
75	4903172.312	265008.3082	1983	1.45	1.32	1.76	scarp mod expressed; young surface, heavy vegetation; good surface slopes
76	4903391.702	264862.2332	1983	1.32	1.25	1.57	scarp well expressed; slopes not consist; PH scarp? min vegetation
77	4903410.72	264812.7427	1983	1.22	1.02	1.38	scarp well expressed; good surface slopes; min vegetation
78	4903433.676	264722.0566	1983	1.16	1.03	1.34	scarp mod expressed; good surface, but mod vegetation
79	4903385.058	264389.1175	1983	0.81	0.47	0.88	scarp well expressed; good surface; measurements include possible synthetic fault; min vegetation
80	4903406.367	264319.2515	1983	1.02	0.97	1.27	scarp well expressed; v. good surface, but broad graben; min vegetation
81	4903402.619	264238.8445	1983	0.69	0.62	0.76	scarp mod expressed; complex fault zone, but good surface; min vegetation
82	4901702.5	266346.3822	1983	0.44	0.32	0.47	minor scarp; west facing; good surface, but mod-heavy vegetation
83	4901595.332	266445.6605	1983	0.44	0.35	0.49	minor scarp; west facing; good surface; minor vegetation
84	4901565.107	266469.8718	1983	0.63	0.52	0.75	west facing, mod expressed; mod vegetation; surface good, clearly offset
85	4901501.687	266543.9908	1983	0.43	0.31	0.62	west facing; good expressed; min vegetation; surface good
86	4901426.876	266647.2447	1983	0.33	0.20	0.43	West facing; mod expressed; mod vegetation; mod surface
87	4901302.816	266737.3405	1983	0.23	0.12	0.24	east facing; mod expressed; good surface; mod vegetation; multiple measurement locations
88	4901291.893	266823.7972	1983	0.32	0.32	0.55	east facing; mod expressed; mod surface; mod vegetation; multiple measurement locations
89	4901285.855	266843.3172	1983	0.39	0.24	0.48	east facing; mod expressed; mod surface; mod vegetation; multiple measurement locations
90	4901272.551	266971.8973	1983	0.40	0.31	0.44	east facing; mod expressed; mod surface; mod vegetation; multiple measurement locations
91	4901185.617	267140.2973	1983	0.15	0.10	0.20	east facing; good expressed; good surface; min vegetation
92	4901123.239	267254.7629	1983	0.27	0.14	0.36	east facing; mod expressed; mod surface; min vegetation
93	4901083.141	267319.9667	1983	0.42	0.31	0.49	east facing; good expressed; good surface; min vegetation
94	4901218.557	267384.9255	1983	0.26	0.15	0.27	east facing; good expressed; good surface; mod vegetation
95	4901224.431	267367.3042	1983	0.25	0.21	0.26	east facing; good expressed; mod surface; mod vegetation

Text S2: Scarp-profile locations and VS measurements

96	4901274	267259.354	1983	0.19	0.15	0.30	east facing; good expressed; mod surface; mod vegetation
97	4901313.919	267191.6991	1983	0.35	0.32	0.52	east facing; good expressed; good surface; min vegetation
98	4901330.457	267180.2833	1983	0.30	0.26	0.43	east facing; good expressed; mod surface; min vegetation
99	4901366.335	267126.996	1983	0.28	0.28	0.39	east facing; good expressed; good surface; min vegetation
100	4901800.337	266697.8118	PH	0.60	0.21	0.71	west facing; mod expressed; min includes 0.32m antithetic scarp; preferred is across graben
101	4901520.227	267155.1847	1983	0.04	0.02	0.05	east facing scarp; poor expressed; good surface; min vegetation
102	4901490.755	267199.6743	1983	0.21	0.12	0.22	east facing scarp; mod expressed; good surface; min vegetation
103	4900974.43	266419.1265	1983	0.46	0.26	0.50	east facing scarp; poor expressed; mod surface; heavy vegetation
104	4900782.343	266664.3341	1983	0.14	0.04	0.20	faint East facing scarp; poor expressed; mod surface; heavy vegetation
105	4903781.784	263903.0966	PH	0.20	0.17	0.25	east, uphill facing scarp; well expressed; good surface; min vegetation
106	4903746.244	263918.3882	PH	0.31	0.31	0.36	east, uphill facing scarp; well expressed; good surface; min vegetation
107	4903663.098	263957.3217	PH	0.33	0.20	0.37	east, uphill facing scarp; well expressed; good surface; mod vegetation
108	4903613.092	263980.6183	PH	0.17	0.15	0.27	east, uphill facing scarp; well expressed; good surface; min vegetation
109	4903507.721	264055.7072	PH	0.29	0.29	0.40	east, uphill facing scarp; well expressed; variable upper surface slope; min vegetation
110	4903427.089	264123.465	PH	0.49	0.36	0.55	east, uphill facing scarp; well expressed; good surface; min vegetation
111	4903390.942	263520.1917	1983	0.59	0.48	0.63	SW facing scarp; poorly expressed; mod surfaces; heavy vegetation
112	4903382.846	263559.7205	1983	0.42	0.17	0.68	SW facing scarp; poorly expressed; mod surfaces; heavy vegetation
113	4903373.083	263601.194	1983	0.79	0.50	0.85	SW facing scarp; poorly expressed; poor surfaces; heavy vegetation
114	4903343.037	263688.8399	1983	0.51	0.51	0.58	SW facing scarp; mod expressed; mod surfaces; mod vegetation
115	4903282.718	263755.4092	1983	0.82	0.67	1.04	SW, uphill facing scarp; mod expressed; poor surface; heavy vegetation
116	4902770.85	267333.2859	PH	4.96	4.84	5.41	scarp mod-poor expressed; mod vegetation, but surface diff slope, scarp vegetated
117	4902745.164	267341.2119	PH	4.51	4.19	4.91	scarp mod-poor expressed; mod vegetation, but scarp vegetated; similar surface slopes
118	4902488.702	266721.4559	1983	0.14	0.12	0.20	south facing, poorly expressed scarp; good surfaces; mod vegetation
119	4902639.905	266678.4268	1983	0.38	0.32	0.38	south facing, well-expressed scarp; good surface; mod vegetation
120	4902657.003	266719.9003	1983	0.38	0.31	0.44	south facing, well-expressed scarp; good surface; mod vegetation
Culled measurement							
3	4903531.827	267004.3147	PH	-	-	-	5m - Poor profile location; poor expressed surfaces

Text S2: Scarp-profile locations and VS measurements

Latitude and longitude reported as WGS 1984, UTM zone 12N.
Scarp type: 1983 – 1983 Borah Peak rupture; PH – prehistoric.