

TABLE 6
ALL HAZARDS SORTED BY ASCENDING HAZARD INDEX NUMBER (HIN) AND ASCENDING 2012 SEIS LOCATION

Hazard Index Number (HIN)	Hazard Index Number Weighting					2012 SEIS Location	Hazard ID#	Hazard Type	Geologic Hazard Rating System	2012 SEIS Location South Margin	2012 SEIS Location North Margin	Photo #	Bounds	Impact Alignment	Frequency (yrs)	Material Volume (CY)	Source Elevation (ft)	Alignment Exposure (ft)	Predictability	Source Material	Centerline Slope	Clast Size (ft)	Alignment Location	Slope Angle (degrees)	Slope Drainage	Vegetation	Tension Cracks	Seeps	Tilting Trees	Curving Trunks	Deciduous Trees		
	Frequency	Quantity	Source	Length at Risk (ft)	Predictability																												
33	9	3	9	9	3	2481	RF38	rockfall	B	2480+90	2481+80	6092	mid	yes	5-25	<10	100-500	50-200	high	Bxmg	single_channel	1-2	deposition_zone	>60	into_slide	disturbed	no	no	yes	no	yes		
51	9	3	27	9	3	2206	DF32	debris_flow	B	2205+40	2206+30	6018	downalignment	yes	5-25	<10	500-1000	50-200	high	Qc	single_channel	0-1	path	40-50	into_slide	disturbed	no	no	no	no	yes		
63	27	9	9	9	9	2261	RS02	rock slide	A	2260+75	2261+35	3508, 3510, 3511	mid	yes	1-5	10-100	100-500	50-200	moderate	Bxmg	single_channel	1-2	path	50-60	into_slide	disturbed	no	no	no	no	no		
69	27	3	9	27	3	2476	RF37	rockfall	B	2474+00	2477+90	3637, 5181, 5962	upalignment	yes	1-5	<10	100-500	200-500	high	Bxmg	open_soil_slope	4+	path	>60	into_slide	disturbed	no	no	no	no	yes		
93	27	3	27	27	9	2505	RF41	rockfall	C	2502+50	2507+20	5965, 6094, 6095	upalignment	yes	1-5	<10	500-1000	200-500	moderate	Bxmg	open_soil_slope	2-3	path	>60	into_slide	disturbed	no	no	no	no	yes		
99	3	3	3	9	81	2328	RF29	rockfall	B	2327+30	2328+50	6140	mid	yes	25+	<10	50-200	50-200	unpredictable	Bxmg	open_soil_slope	3-4	path	>60	unk	disturbed	no	no	no	no	no		
105	3	3	9	9	81	1917	RF12	rockfall	C	1916+10	1917+30	5162	downslope	no	unk(>25?)	<10	100-500	50-200	unpredictable	Bxmg	open_soil_slope	4+	below_deposition_zone	>60	unk	disturbed	no	no	no	no	yes		
105	3	9	3	9	81	2299	LS03	translational_slide	B	2298+50	2299+10	5269, 5946	mid	yes	25+	10-100	<100	50-200	unpredictable	Qc	fan	1-2	deposition_zone	50-60	unk	disturbed	no	no	no	no	yes		
105	3	3	9	9	81	2525	HR03	hazard_rocks	C	2524+45	2525+10	5311, 5312	downslope	yes	unk(>25?)	<10	100-500	50-200	unpredictable	Qct	fan	4+	below_deposition_zone	40-50	-	-	no	no	no	no	no		
105	3	3	9	9	81	2533	HR04	hazard_rocks	C	2533+00	2533+70	5318	-	yes	unk(>25?)	<10	100-500	50-200	unpredictable	Qct	fan	4+	below_deposition_zone	40-50	-	-	no	no	no	no	no		
105	3	3	9	9	81	2562	HR05	hazard_rocks	C	2562+20	2562+80	5362, 5363	-	yes	unk(>25?)	<10	100-500	50-200	unpredictable	Qct	open_soil_slope	4+	below_deposition_zone	40-50	-	-	no	no	no	no	no		
111	9	3	9	9	81	1550	RF02	rockfall	C	1547+40	1552+70	3049, 5149	downalignment	no	5-25	<10	100-500	50-200	unpredictable	Bxv	open_soil_slope	0-1	below_deposition_zone	50-60	unk	disturbed	no	yes	no	no	no	yes	
111	9	9	81	9	3	1752	DF12	debris_flow	A	1752+00	1752+90	4738, 4739, 5157	mid	yes	5-25	10-100	>1000	50-200	high	Qc	fan	2-3	deposition_zone	40-50	into_slide	disturbed	no	no	no	no	no	yes	
111	3	9	81	9	9	1773	DF14	debris_flow	A	1772+40	1773+20	2093, 4714	downalignment	yes	25+	10-100	>1000	50-200	moderate	Qc	single_channel	2-3	path	30-40	into_slide	disturbed	no	no	no	no	no	no	
111	9	3	9	9	81	1857	RF10	rockfall	C	1856+00	1857+00	4816	downslope	no	unk(5-25?)	<10	100-500	50-200	unpredictable	Bxms	other	2-3	below_deposition_zone	50-60	unk	disturbed	no	no	no	no	no	yes	
111	81	3	9	9	9	1932	RF13	rockfall	C	1931+00	1932+00	5162	downslope	no	0-1	<10	100-500	50-200	moderate	Bxmg	fan	1-2	below_deposition_zone	>60	unk	disturbed	no	no	no	no	no	yes	
111	9	3	81	9	9	2056	DF25	debris_flow	B	2056+00	2057+00	3462, 3463, 5093, 6195	upalignment	yes	5-25	<10	3000+	50-200	moderate	Qc	fan	0-1	deposition_zone	>60	into_slide	disturbed	no	no	no	no	no	no	
111	9	9	81	9	3	2140	DF31	debris_flow	A	2139+80	2141+10	5168, 5169, 5929, 5930	downalignment	yes	5-25	10-100	3000+	50-200	high	Qc	multi_channel	1-2	deposition_zone	50-60	into_slide	denuded	no	no	no	no	no	no	
111	9	9	3	9	81	2300	RF26	rockfall	B	2299+60	2300+70	3559, 3560, 5946	downslope	yes	unk(5-25?)	10-100	<100	50-200	unpredictable	Bxmg	fan	4+	path	>60	unk	undisturbed	yes	no	no	no	no	no	
111	9	3	9	9	81	2466	LS05	translational_slide	C	2465+00	2466+50	3615, 5961, 6077	upslope	no	5-25	<10	100-500	50-200	unpredictable	Qct	fan	3-4	below_deposition_zone	30-40	unk	disturbed	no	no	no	yes	yes		
111	9	3	9	81	9	2507	RF42	rockfall	B	2502+50	2512+40	6094, 6095	downslope	yes	unk(5-25?)	<10	100-500	500+	moderate	Bxmg	deciduous_trees	0-1	path	40-50	unk	denuded	yes	no	no	no	no	yes	
111	9	3	9	9	81	2556	RF46	rockfall	B	2555+50	2557+10	5338, 5339	mid	no	5-25	<10	100-500	50-200	unpredictable	Bxmg	open_soil_slope	2-3	below_deposition_zone	>60	unk	disturbed	no	no	no	no	yes	yes	
117	9	9	81	9	9	1670	DF04	debris_flow	B	1669+40	1671+10	3875	downalignment	yes	5-25	10-100	1000-2000	50-200	moderate	Qc	fan	0-1	deposition_zone	40-50	into_slide	disturbed	no	no	no	no	no	yes	
117	9	9	81	9	9	2040	DF23	debris_flow	A	2039+70	2041+20	5057, 5166	upalignment	yes	5-25	10-100	3000+	50-200	moderate	Qc	multi_channel	1-2	path	40-50	into_slide	disturbed	no	no	no	no	no	yes	
117	9	9	81	9	9	2498	DF42	debris_flow	B	2498+10	2498+90	6086	downslope	yes	5-25	10-100	>1000	50-200	moderate	Qc	single_channel	1-2	path	40-50	into_slide	disturbed	no	no	no	no	no	yes	
117	9	9	81	9	9	2573	DF43	debris_flow	A	2572+50	2573+50	5356	downalignment	yes	5-25	10-100	>1000	50-200	moderate	Qct	single_channel	1-2	below_deposition_zone	50-60	into_slide	denuded	no	no	no	no	no	no	yes
123	27	3	81	9	3	1895	DF21	debris_flow	B	1894+40	1895+60	5161, 6238	downalignment	yes	1-5	<10	2000-3000	50-200	high	Qc	single_channel	0-1	path	30-40	into_slide	disturbed	no	no	no	no	no	no	yes
123	27	9	81	3	3	2311	DF36	debris_flow	B	2310+65	2311+15	3562	mid	yes	1-5	10-100	1000-2000	<50	high	Qc	fan	0-1	path	>60	into_slide	denuded	no	no	no	no	no	no	yes
123	27	3	9	81	3	2574	RF52	rockfall	B	2573+80	2578+80	6105, 6106	downslope	yes	1-5	<10	100-500	500+	high	Bxmg	open_soil_slope	4+	path	>60	into_slide	disturbed	no	no	yes	no	no	yes	
129	27	3	81	9	9	1514	DF02	debris_flow	A	1514+00	1514+70	1515, 2036, 5865	upalignment	yes	1-5	<10	2000-3000	50-200	moderate	Qc	fan	0-1	deposition_zone	40-50	into_slide	disturbed	no	no	no	no	no	yes	
129	9	3	9	27	81	1586	RF03	rockfall	B	1584+70	1587+40	4259, 5873	mid	yes	5-25	<10	100-500	200-500	unpredictable	Bxv	single_channel	4+	deposition_zone	>60	unk	disturbed	no	no	no	no	no	yes	
129	27	9	81	9	3	1675	DF05	debris_flow	A	1674+20	1675+40	6203, 6204	upalignment	yes	1-5	10-100	1000-2000	50-200	high	Qc	single_channel	0-1	deposition_zone	30-40	into_slide	denuded	no	no	no	no	no	no	
129	27	9	81	9	3	1721	DF08	debris_flow	A	1720+30	1721+30	1126, 5156	upslope	yes	1-5	10-100	>1000	50-200	high	Qc	fan	1-2	deposition_zone	40-50	into_slide	denuded	no	no	no	no	no	no	
129	27	9	81	9	3	1743	DF10	debris_flow	A	1742+80	1743+90	4745 to 4748	mid	yes	1-5	10-100	>1000	50-200	high	Qc	multi_channel	0-1	path	40-50	into_slide	denuded	no	no	no	no	no	no	
129	27	9	81	9	3	1748	DF11	debris_flow	A	1747+40	1748+50	4741, 4742, 5157	downalignment	yes	1-5	10-100	>1000	50-200	high	Qc	fan	2-3	deposition_zone	40-50	into_slide	denuded	no	no	no	no	no	yes	
129	27	9	81	9	3	1757	DF13	debris_flow	A	1757+00	1757+90	4736, 4737, 5157	downalignment	yes	1-5	10-100	>1000	50-200	high	Qc	fan	2-3	deposition_zone	40-50	into_slide	denuded	no	no	no	no	no	yes	
129	27	3	9	9	81	1764	RF09	rockfall	A	1764+10	1764+70	3878	upalignment	yes	1-5	<10	100-500	50-200	unpredictable	Bxmg	open_soil_slope	2-3	deposition_zone	>60	unk	disturbed	no	no	no	no	no	yes	
129	3	9	81	9	27	1826	DF17	debris_flow	B	1825+60	1827+00	1186, 4012, 4015, 5159, 6232	upalignment	yes	25+	10-100	2000-3000	50-200	low	Qc	fan	1-2	deposition_zone	40-50	into_slide	disturbed	no	no	no	no	no	yes	
129	27	9	81	9	3	1828	DF18	debris_flow	A	1827+00	1829+00	1186, 4012, 4015, 5159, 6232	upalignment	yes	1-5	10-100	2000-3000	50-200	high	Qc	fan	0-1	deposition_zone	40-50	into_slide	disturbed	no	no	no	no	no	yes	
129	9	3	9	27	81	1947	RF15	rockfall	A	1946+60	1948+90	5163	mid	yes	5-25	<10	100-500	200-500															

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Hazard Index Number (HIN)	Hazard Index Number Weighting					2012 SEIS Location	Hazard ID#	Hazard Type	Geologic Hazard Rating System	2012 SEIS Location South Margin	2012 SEIS Location North Margin	Photo #	Bounds	Impact Alignment	Frequency (yrs)	Material Volume (CY)	Source Elevation (ft)	Alignment Exposure (ft)	Predictability	Source Material	Centerline Slope	Clast Size (ft)	Alignment Location	Slope Angle (degrees)	Slope Drainage	Vegetation	Tension Cracks	Seeps	Tilting Trees	Curving Trunks	Deciduous Trees	
	Frequency	Quantity	Source	Length at Risk (ft)	Predictability																											
207	27	9	81	9	81	2294	DF35	debris_flow	B	2293+30	2294+30	3535	downalignment	yes	unk(1-5?)	10-100	3000+	50-200	unpredictable	Qct	single_channel	3-4	path	>60	into_slide	disturbed	no	no	no	no	yes	
219	3	27	81	27	81	1522	RS01	rock_slide	A	1520+70	1524+00	4123, 4124, 4126, 5148, 5865	-	no	unk(>25?)	100-1000	>1000	200-500	unpredictable	Bxv	open_bedrock_slope	4+	deposition_zone	60+	unk	denuded	yes	no	no	no	no	
219	27	3	27	81	81	2305	RF27	rockfall	B	2302+70	2307+90	3561	mid	yes	1-5	<10	500-1000	>500	unpredictable	Bxmg	fan	2-3	deposition_zone	50-60	unk	disturbed	no	no	no	no	yes	
225	27	27	81	81	9	1495	DF01	debris_flow	A	1492+00	1498+00	4098, 4099, 5146	-	yes	1-5	100-1000	>1000	500+	moderate	Qc	fan	1-2	deposition_zone	30-40	into_slide	denuded	other	no	no	no	no	yes
255	3	9	81	81	81	2205	LS01	landslide	C	2202+00	2208+00	5171	-	no	unk(>25?)	10-100	1000-2000	>500	unpredictable	Bxmg	-	-	below_deposition_zone	40-50	unk	disturbed	no	no	no	no	no	
273	27	3	81	81	81	2144	RF19	rockfall	A	2141+80	2149+60	1357, 3491, 3493, 3495, 3498, 5130, 5168	mid	yes	1-5	<10	3000+	500+	unpredictable	Bxmg	fan	4+	deposition_zone	>60	unk	disturbed	no	no	no	no	yes	
279	81	9	27	81	81	1738	RF07	rockfall	A	1725+20	1740+20	4674	upslope	yes	0-1	10-100	500-1000	>1000	unpredictable	Bxmg	open_bedrock_slope	4+	deposition_zone	>60	into_slide	disturbed	no	no	no	no	yes	