

HANSON EPA LICENSE CONDITIONS - Blast Monitor Results



Date	Time	Blast Location	Blast #	Monitor Location	Air Blast dBL	Ground Vibration mm/sec	Comments	EPA contact
11/01/2016	15:01	West Pit RL 46	348	Shellcove Killalea State Park	109.5dbL DNR	0.386mm/s DNR	Sunny NE 5-10kph Blast initiated with Blast # 354	Matt Fuller Matt Fuller
11/01/2016	15:01	West Pit RL 46	354	Shellcove Killalea State Park	109.5dbL DNR	0.386mm/s DNR	Sunny NE 5-10kph Blast initiated with Blast # 348	Matt Fuller Matt Fuller
13/01/2016	13:10	West Pit RL 46	355	Shellcove Killalea State Park	117.6dbL 101.3dbL	0.525mm/s 0.41mm/s	Sunny wind affected reading NE15-20kph gusting	Matt Fuller Matt Fuller
18/01/2016	13:59	East Pit RL 32	357	Shellcove Killalea State Park	115.6dbL 100.5dbL	0.228mm/s 0.43mm/s	Sunny wind SE 0-5kph	Matt Fuller Matt Fuller
20/01/2016	12:53	East Pit RL 32	358	Shellcove Killalea State Park	109.5dbL DNR	0.386mm/s DNR	Sunny NE 5-10kph	Matt Fuller Matt Fuller
27/01/2016	11:59	West Pit RL32	359	Shellcove Killalea State Park	112.6dbL 114.4dbL	0.543mm/s 0.58mm/s	Overcast Wind East 5-10kph	Matt Fuller Matt Fuller
1/02/2016	13:48	East Pit RL 32	356	Shellcove Killalea State Park	109.5dbL DNR	0.547mm/s DNR	Sunny wind E 3-5kph	Matt Fuller Matt Fuller
3/02/2106	10:35	East Pit RL 36	361	Shellcove Killalea State Park	108.0dbL 103.5	0.764mm/s 0.217mm/s	Sunny wind E 0-5kph	Matt Fuller Matt Fuller
8/02/2016	13:14	RL 46 North Development	362A	Shellcove Killalea State Park	101.0dbL DNR	0.180mm/s DNR	Hot wind SW 5-10kph	Matt Fuller Matt Fuller
10/02/2016	13:10	East Pit RL 36	363	Shellcove Killalea State Park	DNR DNR	DNR DNR	Hot & Sunny	Matt Fuller Matt Fuller
15/02/2016	13:22	East Pit RL 46 Development	364	Shellcove Killalea State Park	107.0dbL 109.5dbL	0.430mm/s 0.228mm/s	Hot southerly 10-15kph	Matt Fuller Matt Fuller
17/02/2016	13:17	East Pit RL 32	365	Shellcove Killalea State Park	112.6dbL DNR	0.302mm/s DNR	Hot south westerly 15-20kph	Matt Fuller Matt Fuller
22/02/2016	13:23	East Pit RL 32	366	Shellcove Killalea State Park	111.2dbL DNR	0.48mm/s DNR	Sunny Wind East 10-15kph	Matt Fuller Matt Fuller
23/02/2016	11:42	RL 46 North Development	367	Shellcove Killalea State Park	105.5dbL DNR	0.321mm/s DNR	Hot	Matt Fuller Matt Fuller
29/02/2016	12:41	RL 46 North Development	362B	Shellcove Killalea State Park	101.0dbL 106.0dbL	0.140mm/s 0.293mm/s	Overcast Windy S 20-25kph	Matt Fuller Matt Fuller
2/03/2016	13:07	West Pit RL 32	369	Shellcove Killalea State Park	117.8dbL 113.8dbL	0.841mm/s 0.526mm/s	Hot NE wind gusting 20-25kph wind affected reading	Matt Fuller Matt Fuller
3/03/2016	12:07	West Pit RL 32	360	Shellcove Killalea State Park	124.3dbL 114.4dbL	0.554mm/s 0.302mm/s	Hot NE wind gusting 15-25kph wind affected reading	Matt Fuller Matt Fuller
7/03/2016	15:23	North Development RL46	372	Shellcove Killalea State Park	102.8dbL 107.0dbL	0.549mm/s 0.262mm/s	Hot NE 2ind 10-15kph	Matt Fuller Matt Fuller
14/03/2016	16:29	Floor shot RL16	370	Shellcove Killalea State Park	105.5dbL 102.8dbL	0.717mm/s 0.261mm/s	Overcast Wind 25-30kph tied in with Blast #371	Matt Fuller Matt Fuller
9/03/2016	13:46	West Pit RL16	368	Shellcove Killalea State Park	114.6dbL DNR	0.880mm/s DNR	Hot wind NE 5-10kph	Matt Fuller Matt Fuller
11/03/2016	13:03	West Pit RL 32	DVMT1	Shellcove Killalea State Park	112.6dbL 102.8dbL	0.967mm/s 0.294mm/s	Overcast Wind East 5-10kph	Matt Fuller Matt Fuller
14/03/2016	16:29	East Pit RL 22	371	Shellcove Killalea State Park	105.5dbL 102.8dbL	0.717mm/s 0.261mm/s	Overcast Wind 25-30kph tied in with Blast #370	Matt Fuller Matt Fuller
16/03/2016	11:18	West Pit RL 32	373	Shellcove Killalea State Park	108.0dbL 105.5dbL	0.340mm/s 0.209mm/s	Sunny Wind South 15-20kph	Matt Fuller Matt Fuller
17/03/2016	14:25	North Development RL46	374A	Shellcove Killalea State Park	108.0dbL 106.5dbL	0.973mm/s 0.603mm/s	Sunny Wind NE 5-10kph	Matt Fuller Matt Fuller
21/03/2016	13:33	North Development RL46	374B	Shellcove Killalea State Park	108.0dbL 109.0dbL	0.310mm/s 0.217mm/s	Overcast Windy W 25-35kph	Matt Fuller Matt Fuller
23/03/2016	12:06	West Pit RL 32	375	Shellcove Killalea State Park	107.5dbL 108.8dbL	0.602mm/s 0.302mm/s	Sunny wind South 5kph	Matt Fuller Matt Fuller
30/03/2016	12:07	East Pit RL 32	376	Shellcove Killalea State Park	115.7dbL DNR	0.506mm/s DNR	Sunny nil	Matt Fuller Matt Fuller
31/03/2016	0:00	East Pit RL 32	377	Shellcove Killalea State Park	101.0dbL 108.8dbL	0.458mm/s 0.296mm/s	Sunny wind South 25-30kph	Matt Fuller Matt Fuller

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4/04/2016	13:01	West Pit RL 32	378	Shellcove	110.2dbl	0.360mm/s	Overcast / rain	Matt Fuller
				Killalea State Park	105.5	0.458mm/s		Matt Fuller
6/04/2016	11:02	North Development RL46	379	Shellcove	119.7dbl	0.277mm/s	Hot NW wind gusting 20-25kph wind affected reading	Matt Fuller
				Killalea State Park	104.9dbl	0.321mm/s		Matt Fuller
11/04/2016	12:50	West Pit RL32	380	Shellcove	97.5dbl	0.638mm/s	Sunny	Matt Fuller
				Killalea State Park	111.5dbl	0.287mm/s		Matt Fuller
13/04/2016	12:00	East Pit RL22	382	Shellcove	101.9dbl	0.783mm/s	Sunny Wind SE 5-10kph	Matt Fuller
				Killalea State Park	107.0dbl	1.681mm/s		Matt Fuller
20/04/2016	13:07	West Pit RL46 North Development	383	Shellcove	103.5dbl	0.569mm/s	Hot windy NE 15-20kph	Matt Fuller
				Killalea State Park	104.2dbl	0.430mm/s		Matt Fuller
22/04/2016	8.52	West Pit RL32	DVMT2	Shellcove	DNR	DNR	Sunny windy 25-30kph	Matt Fuller
				Killalea State Park	103.5dbl	0.182mm/s		Matt Fuller
27/04/2016	16:10	East Pit RL22	384	Shellcove	117.4dbl	0.363mm/s	Sunny/Windy NE 30-35kph wind affected reading	Matt Fuller
				Killalea State Park	113.5dbl	0.202mm/s		Matt Fuller
29/04/2016	12:04	West Pit RL32	381	Shellcove	104.2dbl	1.178mm/s	Sunny Wind NE 5-10kph	Matt Fuller
				Killalea State Park	102.8dbl	0.665mm/s		Matt Fuller
2/05/2016	11:34	West Pit RL46 North Development	386	Shellcove	104.2dbl	0.500mm/s	Sunny nil wind	Matt Fuller
				Killalea State Park	103.5dbl	0.543mm/s		Matt Fuller
4/05/2016	14:04	West Pit RL 16	385	Shellcove	106.5dbl	0.186mm/s	Sunny wind East 20-25kph	Matt Fuller
				Killalea State Park	102.8dbl	0.275mm/s		Matt Fuller
11/05/2016	1:12	West Pit RL32 North	387	Shellcove	101.9dbl	0.470mm/s	Sunny wind W 20-25kph	Matt Fuller
				Killalea State Park	113.3dbl	0.277mm/s		Matt Fuller
30/05/2016	1:40	West Pit RL32 South	388	Shellcove	105.5dbl	1.325mm/s	Sunny wind S 5kph	Matt Fuller
				Killalea State Park	101.9dbl	0.727mm/s		Matt Fuller
8/06/2016	13:03	West Pit RL32 North	389	Shellcove	100.0dbl	0.615mm/s	Sunny wind W 20-25kph	Matt Fuller
				Killalea State Park	110.2dbl	0.393mm/s		Matt Fuller
1/06/2016	11:59	West Pit RL18 North Floor	390	Shellcove	93.98dbl	0.209mm/s	Overcast	Matt Fuller
				Killalea State Park	DNR	DNR		Matt Fuller
7/06/2016	12:58	West Pit RL18 North Floor	391	Shellcove	106.5dbl	0.374mm/s	Overcast wind NE 15-20kph	Matt Fuller
				Killalea State Park	108.8dbl	0.156mm/s		Matt Fuller
12/07/2016	14:25	RL36 Infrastructure Pad	392	Shellcove	110.2dbl	1.815mm/s	Sunny wind NW 30-35kph	Matt Fuller
				Killalea State Park	DNR	DNR		Matt Fuller
16/06/2016	12:57	RL 25 DVMT Primary Pre-split	393	Shellcove	117.1dbl	0.728mm/s	Sunny wind affected reading NE 20--25kph gusting	Matt Fuller
				Killalea State Park	115.0dbl	2.199mm/s		Matt Fuller
22/06/2016	13:04	West Pit RL25 Primary Pad	394	Shellcove	97.5dbl	0.895mm/s	Sunny wind affected reading NE 30--35kph gusting	Matt Fuller
				Killalea State Park	122.8dbl	0.301mm/s		Matt Fuller
28/06/2016	13:02	West Pit RL32 North	395	Shellcove	107.5dbl	0.236mm/s	Sunny wind SE 15-20kph	Matt Fuller
				Killalea State Park	108.0dbl	0.470mm/s		Matt Fuller
20/07/2016	13:13	South Pit RL32	396	Shellcove	102.8dbl	0.270mm/s	Rain	Matt Fuller
				Killalea State Park	104.9dbl	0.542mm/s		Matt Fuller
28/07/2016	12:52	RL32 Infrastructure ramp west	397	Shellcove	109.2dbl	0.935mm/s	Sunny wind NW 5-10kph	Matt Fuller
				Killalea State Park	109.2dbl	0.539mm/s		Matt Fuller
27/07/2016	13:08	RL32 Infrastructure ramp west	398	Shellcove	112.3dbl	0.209mm/s	Sunny wind SW 20-25kph	Matt Fuller
				Killalea State Park	100.0dbl	0.369mm/s		Matt Fuller
5/08/2016	13:00	RL22 East Pit South East	399	Shellcove	107.0dbl	0.283mm/s	Overcast wind NE 10-15kph	Matt Fuller
				Killalea State Park	103.5dbl	0.321mm/s		Matt Fuller
8/08/2016	12:56	RL32 East Pit South	401	Shellcove	105.5dbl	0.371mm/s	Sunny wind E 0-5kph	Matt Fuller
				Killalea State Park	103.5dbl	0.457mm/s		Matt Fuller
17/08/2016	12:54	RL12 East Pit	402	Shellcove	105.4dbl	0.517mm/s	Sunny wind SE 5kph	Matt Fuller
				Killalea State Park	101.0dbl	0.280mm/s		Matt Fuller
24/08/2016	12:52	RL32 West Pit South	400	Shellcove	112.8dbl	0.776mm/s	Overcast wind SE 5-10kph	Matt Fuller
				Killalea State Park	113.3dbl	0.620mm/s		Matt Fuller
30/08/2016	13:01	RL36 East Pit South	404	Shellcove	101.9dbl	0.285mm/s	Sunny wind E 10-15kph	Matt Fuller
				Killalea State Park	111.8dbl	0.340mm/s		Matt Fuller
31/08/2016	12:54	RL22 East pit South East	405	Shellcove	101.9dbl	0.489mm/s	Overcast wind W 5kph	Matt Fuller
				Killalea State Park	<88dbl	0.405mm/s		Matt Fuller
7/09/2016	13:01	RL12 East Pit Floor	406	Shellcove	101.9dbl	0.815mm/s	Sunny Wind SE 5-10kph	Matt Fuller
				Killalea State Park	110.9dbl	0.355mm/s		Matt Fuller
9/09/2016	13:04	RL36 West Pit Upper	407	Shellcove	112.3dbl	0.266mm/s	Sunny Wind NE 20-25kph	Matt Fuller
				Killalea State Park	109.2dbl	0.225mm/s		Matt Fuller

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14/09/2016	13:03	RL32 Infrastructure Ramp	403	Shellcove Killalea State Park	108.0dbl 93.6dbl	0.536mm/s 0.34mm/s	Sunny Wind NE 15-20kph	Matt Fuller Matt Fuller
21/09/2016	13:03	RL32 East Pit South	411	Shellcove Killalea State Park	101.9dbl 86.7dbl	0.759mm/s 0.36mm/s	Sunny Wind NE 11kph	Matt Fuller Matt Fuller
22/09/2016	13:01	RL32 Infrastructure Ramp	412	Shellcove Killalea State Park	108.8dbl 90.7dbl	0.393mm/s 0.39mm/s	Overcast Wind WSW 34kph Gusting 46kph	Matt Fuller Matt Fuller
27/09/2016	13:02	RL32 West Pit East	414	Shellcove Killalea State Park	109.5dbl 100.0dbl	1.265mm/s 1.499mm/s	Sunny Windy 41kph Gusting 52kph	Matt Fuller Matt Fuller
28/09/2016	13:06	RL32 West Pit South	410	Shellcove Killalea State Park	110.9dbl 104.2dbl	0.843mm/s 0.515mm/s	Sunny wind 13kph Gusting 20kph	Matt Fuller Matt Fuller
4/10/2016	13:04	RL32 East Pit South	415	Shellcove Killalea State Park	115.4dbl 107.0dbl	0.420mm/s 0.625mm/s	Sunny windy NNW 26kph Gusting 37kph	Matt Fuller Matt Fuller
5/10/2016	15:12	RL32 West Pit dropcut ramp	409	Shellcove Killalea State Park	101.9dbl 93.92dbl	1.751mm/s 0.585mm/s	Sunny wind W 35kph Gusting 65kph	Matt Fuller Matt Fuller
12/10/2016	13:01	RL32 West Pit South East	417	Shellcove Killalea State Park	106.0dbl 110.2dbl	0.506mm/s 0.841mm/s	Sunny Wind ENE 15kph Gusting 20kph	Matt Fuller Matt Fuller
19/10/2016	12:56	RL22 West Pit South East	416	Shellcove Killalea State Park	111.5dbl 106.5dbl	0.332mm/s 0.337mm/s	Sunny Wind WSW 22kph Gusting 30kph	Matt Fuller Matt Fuller
25/10/2016	13:01	RL12 East Pit	408	Shellcove Killalea State Park	108.4dbl 114.6dbl	0.790mm/s 0.461mm/s	Hot Sunny Wind NE 24kph Gusting 37kph	Matt Fuller Matt Fuller
26/10/2016	12:58	RL46 West Pit	413	Shellcove Killalea State Park	107.5dbl 106.5dbl	0.570mm/s 0.324mm/s	Hot Sunny Wind NE 15kph Gusting 19kph	Matt Fuller Matt Fuller
2/11/2016	12:56	RL12 East Pit	418	Shellcove Killalea State Park	108.4dbl 109.5dbl	1.086mm/s 0.335mm/s	Hot Sunny Wind WSW 24kph Gusting 44kph	Matt Fuller Matt Fuller
11/11/2016	13:06	RL22 East Pit South	420	Shellcove Killalea State Park	108.0dbl 111.2dbl	0.380mm/s 0.379mm/s	Sunny Wind ESE 17kph Gusting 22kph	Matt Fuller Matt Fuller
17/11/2016	13:05	RL32 Infrastructure Pad	DVMT3	Shellcove Killalea State Park	DNR DNR	DNR DNR	Sunny Wind SE10kph	Matt Fuller Matt Fuller
18/11/2016	13:02	RL12 East Pit	421	Shellcove Killalea State Park	109.2dbl 112.8dbl	1.173mm/s 0.540mm/s	Sunny Wind E 30kph	Matt Fuller Matt Fuller
25/11/2016	12:59	RL32 West Pit South	423	Shellcove Killalea State Park	114.0dbl 121.5dbl	0.513mm/s 0.569mm/s	Sunny Wind ESE 22kph Gusting 28kph Triggered by other source	Matt Fuller Matt Fuller
29/11/2016	13:17	RL18 East Pit South Fired together with 422	419	Shellcove Killalea State Park	107.0dbl 112.6dbl	0.201mm/s 0.706mm/s	Sunny Wind SSE 20kph Gusting 41kph	Matt Fuller Matt Fuller
29/11/2016	13:17	RL52 West Pit South East Fired with 419	422	Shellcove Killalea State Park	115.4dbl 119.8dbl	0.450mm/s 0.108mm/s	Sunny Wind SSE 20kph Gusting 41kph Exceedance prior to blast. Triggered by other sources	Matt Fuller Matt Fuller
30/11/2016	12:59	RL12 East Pit	424	Shellcove Killalea State Park	107.0dbl 106.5dbl	1.135mm/s 0.263mm/s	Sunny Wind NE 22kph Gusting 28kph	Matt Fuller Matt Fuller
7/12/2016	13:02	RL12 East Pit	425	Shellcove Killalea State Park	98.8dbl 106.0dbl	0.703mm/s 0.340mm/s	Sunny Wind E 13kph Gusting 17kph	Matt Fuller Matt Fuller
14/12/2016	12:59	RL32 East Pit South	426	Shellcove Killalea State Park	113.3dbl 116.4dbl	0.541mm/s 0.371mm/s	Sunny Wind W 33kph Gusting 46kph Exceedance well after blast. Triggered by other sources	Matt Fuller Matt Fuller
16/12/2016	13:08	RL22 East Pit South East	427	Shellcove Killalea State Park	104.9dbl 115.7dbl	0.270mm/s 0.581mm/s	Raining Nil wind speed calm	Matt Fuller Matt Fuller