

HANSON EPA LICENSE CONDITIONS - Blast Monitor Results



Date	Time	Blast Location	Blast #	Monitor Location	Air Blast dBL	Ground Vibration mm/sec	Comments	EPA contact
12/01/2017	12:51	East Pit RL22 South	429	Shellcove	104.2dbl	0.599mm/s	Overcast Wind NE 20kph Gusting 26kph	Matt Fuller
				Killalea State Park	102.8dbl	0.463mm/s		Matt Fuller
20/01/2017	12:51	East Pit RL32 South East	430	Shellcove	102.8dbl	0.292mm/s	Overcast Wind ENE 13kph Gusting 17kph	Matt Fuller
				Killalea State Park	101.0dbl	0.290mm/s		Matt Fuller
25/01/2017	12:51	East Pit RL12	431	Shellcove	107.5dbl	0.569mm/s	Overcast Wind NE 11kph Gusting 15kph	Matt Fuller
				Killalea State Park	100.0dbl	0.427mm/s		Matt Fuller
7/02/2017	13:00	East Pit RL12	432	Shellcove	104.2dbl	1.040mm/s	Raining Wind West 9kph Gusting 13kph	Matt Fuller
				Killalea State Park	102.8dbl	0.302mm/s		Matt Fuller
8/02/2017	13:03	West Pit RL32	433	Shellcove	122.8dbl	0.625mm/s	Heavy Rain Wind East 28kph Gusting 37kph	Matt Fuller
				Killalea State Park	115.0dbl	1.037mm/s	Wind affected result	Matt Fuller
17/02/2017	16:12	East Pit RL22 Redzone	434	Shellcove	102.8dbl	0.343mm/s	Heavy Rain Wind NW 41kph	Matt Fuller
				Killalea State Park	104.9dbl	0.402mm/s		Matt Fuller
22/02/2017	13:00	East Pit RL12 South	435	Shellcove	118.5dbl	0.472mm/s	Overcast / Rain Wind NNE 35kph	Matt Fuller
				Killalea State Park	116.4dbl	0.508mm/s	Wind affected result	Matt Fuller
24/02/2017	13:00	East Pit RL40 South	436	Shellcove	106.0dbl	0.659mm/s	Overcast / Rain Wind South 13kph Gusting 35kph	Matt Fuller
				Killalea State Park	105.5dbl	0.382mm/s		Matt Fuller
1/03/2017	12:54	East Pit RL12	437	Shellcove	110.6dbl	0.973mm/s	Overcast / Rain Wind SE 15kph Gusting 24kph	Matt Fuller
				Killalea State Park	101.9dbl	0.331mm/s		Matt Fuller
3/03/2017	13:44	West Pit RL 32	438	Shellcove	119.2dbl	0.569mm/s	Heavy Rain Wind SSE 33kph Gusting 37kph	Matt Fuller
				Killalea State Park	116.9dbl	1.176mm/s	Wind affected result	Matt Fuller
10/03/2017	13:03	East Pit RL22	439	Shellcove	100.0dbl	0.526mm/s	Sunny Wind SSW 22kph Gusting 28kph	Matt Fuller
				Killalea State Park	102.8dbl	0.467mm/s		Matt Fuller
15/03/2017	12:59	East Pit RL32 South East	440	Shellcove	109.5dbl	0.37mm/s	Sunny Wind ENE Gusting 41kph	Matt Fuller
				Killalea State Park	111.2dbl	0.232mm/s		Matt Fuller
23/03/2017	13:00	East Pit RL12	441	Shellcove	99.0dbl	1.32mm/s	Overcast Wind SSW 17kph Gusting 24kph	Matt Fuller
				Killalea State Park	91.48dbl	0.356mm/s		Matt Fuller
5/04/2107	13:54	East Pit RL32 East	442	Shellcove	110.2dbl	0.424mm/s	Sunny Wind SE 31kph	Matt Fuller
				Killalea State Park	97.50dbl	0.242mm/s		Matt Fuller
7/04/2017	10:02	East Pit RL 0 Floor	443	Shellcove	97.50dbl	0.207mm/s	Sunny Wind NE 24kph	Matt Fuller
				Killalea State Park	95.92dbl	0.140mm/s		Matt Fuller
12/04/2017	13:57	East Pit RL 0 Floor	446	Shellcove	98.84dbl	0.321mm/s	Sunny Wind SSW 22kph Gusting 43kph	Matt Fuller
				Killalea State Park	91.48dbl	0.079mm/s		Matt Fuller
19/04/2017	12:57	East Pit RL12 West	447	Shellcove	95.92dbl	0.424mm/s	Sunny Wind ESE 26kph	Matt Fuller
				Killalea State Park	100.0dbl	0.79mm/s		Matt Fuller
27/04/2017	14:02	East Pit RL32	445	Shellcove	104.9dbl	0.420mm/s	Sunny Wind WSW 15kph	Matt Fuller
				Killalea State Park	109.5dbl	0.233mm/s		Matt Fuller
3/05/2017	13:00	East Pit RL22	449	Shellcove	95.92dbl	0.390mm/s	Sunny Wind S 19kph Gusting 30kph	Matt Fuller
				Killalea State Park	105.5dbl	0.475mm/s		Matt Fuller
5/05/2017	12:58	West Pit RL32 South	444	Shellcove	109.5dbl	0.840mm/s	Sunny Wind West 4kph	Matt Fuller
				Killalea State Park	106.0dbl	0.805mm/s		Matt Fuller
10/05/2017	14:12	East Pit RL12 South	450	Shellcove	107.5dbl	0.558mm/s	Sunny Wind ESE 17kph Gusting 24kph	Matt Fuller
				Killalea State Park	104.9dbl	0.432mm/s		Matt Fuller
19/05/2017	13:14	East Pit RL12 South	451	Shellcove	101.0dbl	1.265mm/s	Raining Wind SSE 6kph	Matt Fuller
				Killalea State Park	97.50dbl	0.603mm/s		Matt Fuller
24/05/2017	13:45	East Pit RL22	452	Shellcove	107.0dbl	0.539mm/s	Sunny Wind W 17kph Gusting 30kph	Matt Fuller
				Killalea State Park	101.0dbl	0.403mm/s		Matt Fuller
26/05/2017	13:00	West Pit RL32 South	448	Shellcove	110.9dbl	0.918mm/s	Sunny Wind SE 11kph Gusting 24kph	Matt Fuller
				Killalea State Park	101.0dbl	0.970mm/s		Matt Fuller
2/06/2017	13:00	West Pit RL32 Compound	453	Shellcove	109.5dbl	0.417mm/s	Sunny Wind SSW 13kph	Matt Fuller
				Killalea State Park	104.9dbl	0.372mm/s		Matt Fuller
7/06/2017	14:59	East Pit RL40	454	Shellcove	101.0dbl	0.970mm/s	Rain Wind South 22kph	Matt Fuller

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				Killalea State Park	109.5dbl	0.420mm/s		Matt Fuller
9/06/2017	12:56	West Pit RL32 Compound	455	Shellcove	109.2dbl	1.606mm/s	Sunny Wind South 20kph	Matt Fuller
				Killalea State Park	108.0dbl	0.581mm/s		Matt Fuller
16/06/2017	13:03	West Pit RL32 Compound	457	Shellcove	101.9dbl	0.845mm/s	Sunny Wind South 6kp gusting 9kph	Matt Fuller
				Killalea State Park	101.0dbl	0.526mm/s		Matt Fuller
21/06/2017	13:24	East Pit RL22	456	Shellcove	104.2dbl	0.620mm/s	Sunny Wind West 78kph	Matt Fuller
				Killalea State Park	115.0dbl	0.456mm/s		Matt Fuller
30/06/2017	13:05	West Pit RL32 Compound	458	Shellcove	101.0dbl	1.201mm/s	Sunny Wind SW 15kph gusting 28kph	Matt Fuller
				Killalea State Park	98.84dbl	0.766mm/s		Matt Fuller
7/07/2017	13:28	East Pit RL40	459	Shellcove	112.3dbl	0.444mm/s	Sunny Wind 20kph Gusting 26kph	Matt Fuller
				Killalea State Park	104.9dbl	0.375mm/s		Matt Fuller
14/07/2017	12:58	East Pit RL22	460	Shellcove	103.5dbl	0.431mm/s	Sunny Wind NE17kph Gusting 30kph	Matt Fuller
				Killalea State Park	100.0dbl	0.677mm/s		Matt Fuller
21/07/2017	13:15	West Pit RL32 Infrastructure Area	462	Shellcove	105.5dbl	0.626mm/s	Sunny Wind South 17kph	Matt Fuller
				Killalea State Park	110.9dbl	3.204mm/s		Matt Fuller
26/07/2017	12:58	East Pit RL40 South	461	Shellcove	115.0dbl	0.438mm/s	Sunny Wind West 50kph Gusting 80kph	Matt Fuller
				Killalea State Park	113.1dbl	0.449mm/s		Matt Fuller
28/07/2017	13:02	East Pit Old Haul Rd / Concrete Plant	463 /464	Shellcove	113.5dbl	0.400mm/s	Sunny Wind WSW 37kph Gusting 57kph	Matt Fuller
				Killalea State Park	109.9dbl	0.259mm/s	2 Blast tied & fired together	Matt Fuller
2/08/2017	13:58	East Pit RL12	465	Shellcove	115.9dbl	0.327mm/s	Sunny Wind S 19kph Gusting 28kph	Matt Fuller
				Killalea State Park	111.5dbl	0.421mm/s		Matt Fuller
4/08/2017	13:00	West Pit RL42 Infrastructure Area	466	Shellcove	112.3dbl	0.371mm/s	Sunny Wind WNW 32kph Gusting 52kph	Matt Fuller
				Killalea State Park	110.2dbl	0.779mm/s		Matt Fuller
9/08/2017	12:56	West Pit RL32 4T	467	Shellcove	100.0dbl	1.248mm/s	Sunny Wind ESE 17kph	Matt Fuller
				Killalea State Park	107.5dbl	1.848mm/s		Matt Fuller
16/08/2017	12:50	West Pit RL32 4T	469	Shellcove	111.8dbl	0.671mm/s	Sunny WNW 46kph Gusting 67kph	Matt Fuller
				Killalea State Park	107.0dbl	0.496mm/s		Matt Fuller
23/08/2017	12:54	East Pit RL32 Old Haul Rd	470	Shellcove	111.8dbl	0.360mm/s	Sunny ENE 20kph Gusting 26kph	Matt Fuller
				Killalea State Park	112.0dbl	0.310mm/s		Matt Fuller
25/08/2017	13:01	East Pit RL40 South	468	Shellcove	107.5dbl	0.561mm/s	Sunny Wind SSE 20kph	Matt Fuller
				Killalea State Park	DNR	DNR		Matt Fuller
30/08/2017	12:59	East Pit RL22 West	471	Shellcove	100.0dbl	0.433mm/s	Sunny Wind ESE 20kph	Matt Fuller
				Killalea State Park	102.8dbl	0.315mm/s		Matt Fuller
8/09/2017	13:01	East Pit RL12 West	472	Shellcove	108.0dbl	0.357mm/s	Sunny WSW 32kph Gusting 41kph	Matt Fuller
				Killalea State Park	113.5dbl	0.873mm/s		Matt Fuller
13/09/2017	13:03	East Pit RL32 Old Haul Rd	473	Shellcove	109.9dbl	0.333mm/s	Sunny Wind West 37kph	Matt Fuller
				Killalea State Park	109.2dbl	0.254mm/s		Matt Fuller
20/09/2017	13:01	East Pit RL30 South East	474	Shellcove	106.0dbl	0.403mm/s	Sunny Wind 17kph 22kph	Matt Fuller
				Killalea State Park	101.9dbl	0.350mm/s		Matt Fuller
27/09/2017	12:58	East Pit RL10	475	Shellcove	108.5dbl	0.588mm/s	Sunny Wind NE 28kph Gusting 32kph	Matt Fuller
				Killalea State Park	107.0dbl	0.273mm/s		Matt Fuller
6/10/2017	12:58	East Pit RL 10	477	Shellcove	112.3dbl	0.408mm/s	Sunny Wind ENE 17kph Gusting 19kph	Matt Fuller
				Killalea State Park	108.8dbl	0.588mm/s		Matt Fuller
11/10/2017	13:04	East Pit RL12	476	Shellcove	114.0dbl	0.635mm/s	Sunny Wind NE 19kph Gusting 24kph	Matt Fuller
				Killalea State Park	106.5dbl	0.963mm/s		Matt Fuller
16/10/2017	13:02	West Pit RL32 4T	479	Shellcove	107.0dbl	0.997mm/s	Sunny Wind NE 24kph Gusting 28kph	Matt Fuller
				Killalea State Park	110.6dbl	0.917mm/s		Matt Fuller
20/10/2017	13:01	East Pit RL30 South East	478	Shellcove	102.8dbl	0.409mm/s	Raining Wind South 22kph Gusting 28kph	Matt Fuller
				Killalea State Park	119.3dbl	0.295mm/s	Wind affected Rain	Matt Fuller
24/10/2017	10:01	West Pit RL39 Infrastructure Area	481	Shellcove	101.9dbl	0.615mm/s	Sunny Wind ENE 15kph Gusting 19kph	Matt Fuller
				Killalea State Park	112.0dbl	0.213mm/s		Matt Fuller
25/10/2017	12:55	East Pit RL 10	480	Shellcove	97.50dbl	0.403mm/s	Sunny Wind ENE 22kph Gusting 28kph	Matt Fuller
				Killalea State Park	103.5dbl	0.240mm/s		Matt Fuller
31/10/2017	10:01	West Pit RL47	483	Shellcove	102.8dbl	0.259mm/s	Sunny Wind SSW 28kph Gusting 39kph	Matt Fuller

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1/11/2017	13:00	East Pit RL10 South	482	Killalea State Park	113.8dbL	0.263mm/s	Sunny Wind WSW 9kph Gusting 28kph	Matt Fuller
				Shellcove	106.0dbL	0.187mm/s		Matt Fuller
2/11/2017	13:04	West Pit RL39 Infrastructure Area	484	Killalea State Park	101.0dbL	0.354mm/s	Sunny Wind ESE 17kph Gusting 28kph	Matt Fuller
				Shellcove	101.0dbL	0.375mm/s		Matt Fuller
10/11/2017	12:56	East Pit RL44 South	485	Killalea State Park	104.2dbL	0.416mm/s	Sunny Wind NE 22kph Gusting 30kph	Matt Fuller
				Shellcove	101.0dbL	0.414mm/s		Matt Fuller
15/11/2017	12:57	West Pit RL32 - 4T	487	Killalea State Park	106.0dbL	0.270mm/s	Wind affected result	Matt Fuller
				Shellcove	107.5dbL	1.546mm/s		Matt Fuller
17/11/2017	12:59	West Pit 49 Infrastructure Area	486	Killalea State Park	122.6dbL	1.018mm/s	Sunny Wind NE 30kph Gusting 41kph	Matt Fuller
				Shellcove	108.4dbL	0.359mm/s		Matt Fuller
22/11/2017	12:52	East Pit RL10	488	Killalea State Park	119.0dbL	0.826mm/s	Sunny Wind NE 19kph Gusting 26kph	Matt Fuller
				Shellcove	101.0dbL	0.626mm/s		Matt Fuller
24/11/2017	13:17	East Pit RL10	489	Killalea State Park	104.2dbL	0.304mm/s	Sunny Wind NE 22kph Gusting 26kph	Matt Fuller
				Shellcove	105.5dbL	0.492mm/s		Matt Fuller
28/11/2017	12:59	Infrastructure Area RL32 Trench	DVMT4	Killalea State Park	120.1dbL	0.214mm/s	Sunny Wind ENE 20kph Gusting 26kph	Matt Fuller
				Shellcove	93.48dbL	0.310mm/s		Matt Fuller
29/11/2017	13:02	East Pit RL22	490	Killalea State Park	112.3dbL	0.272mm/s	Sunny Wind ENE 20kph Gusting 28kph	Matt Fuller
				Shellcove	DNR	DNR		Matt Fuller
7/12/2017	12:50	East Pit RL14	493	Killalea State Park	DNR	DNR	Sunny Wind WSW 32kph Gusting 48kph	Matt Fuller
				Shellcove	107.5dbL	1.165mm/s		Matt Fuller
8/12/2017	12:53	East Pit RL39	491	Killalea State Park	114.6dbL	0.305mm/s	Sunny Wind SSE 28kph Gusting 41kph	Matt Fuller
				Shellcove	121.9dbL	0.239mm/s		Matt Fuller
13/12/2017	13:06	West Pit RL32 - 4T	494	Killalea State Park	107.0dbL	0.312mm/s	Sunny Wind NE 22kph Gusting 30kph	Matt Fuller
				Shellcove	118.2dbL	0.680mm/s		Matt Fuller
20/12/2017	13:02	East Pit RL10	495	Killalea State Park	106.0dbL	0.694mm/s	Hot/Windy SE 15kph Gusting 24kph	Matt Fuller
				Shellcove	105.5dbL	0.426mm/s		Matt Fuller
				Killalea State Park	121.9dbL	0.461mm/s	Wind affected result	Matt Fuller