

Buttai quarry EPL #12829 - Blast Monitoring Results

| Date | Time | Blast No. | Norma Brookes | | Lings Rd | | Buttai Barn | |
|------------|---------|-----------|---------------|----------------|------------|----------------|-------------|----------------|
| | | | PPV mm/s | O/pressure dBL | PPV mm/s | O/pressure dBL | PPV mm/s | O/pressure dBL |
| 14/09/2012 | | P_012 | 0.32 | 109.5 | No trigger | No trigger | 0.41 | 112.5 |
| 4/10/2012 | | P_013 | 0.43 | No trigger | 0.49 | 107.4 | 0.39 | 100.3 |
| 25/10/2012 | | P_014 | 0.32 | 105.1 | 0.59 | 99.8 | No trigger | No trigger |
| 6/11/2012 | | P_015 | No trigger | No trigger | 0.22 | 110.2 | 0.22 | 112.6 |
| 27/03/2013 | | P_016 | 0.45 | 104.7 | 0.36 | 107.9 | 0.35 | 102.1 |
| | | P_017 | | | | | | |
| 27/05/2013 | | P_018 | 0.37 | 83.4 | 0.28 | 97.8 | No trigger | No trigger |
| 28/06/2013 | | P_019 | 1.19 | <115 | 0.83 | <115 | 0.75 | <115 |
| 12/08/2013 | | P_020 | 0.28 | 107.5 | 0.57 | 109 | No trigger | No trigger |
| 23/08/2013 | | P_021 | No trigger | No trigger | 0.6 | 83.4 | 0.48 | 105.4 |
| 3/09/2013 | | P_022 | 0.36 | 101.5 | No trigger | No trigger | No trigger | No trigger |
| 13/09/2013 | | P_023 | 0.25 | 110.4 | 0.45 | 83.4 | No trigger | No trigger |
| 29/11/2013 | | P_024 | No trigger | No trigger | 0.46 | 83.1 | No trigger | No trigger |
| 13/01/2014 | | P_025 | No trigger | No trigger | No trigger | No trigger | No trigger | No trigger |
| 19/02/2014 | | P_026 | 0.38 | 84.2 | 0.54 | 107.2 | 0.3 | 102.7 |
| 6/03/2014 | | P_027 | 0.39 | 87.7 | 0.71 | 104 | No trigger | No trigger |
| 21/03/2014 | | P_028 | 0.45 | 84.2 | 0.77 | 104 | No trigger | No trigger |
| 28/03/2014 | | P_029 | No trigger | No trigger | 0.54 | 101.5 | 0.42 | 84.2 |
| 1/05/2014 | | P_030 | No trigger | No trigger | 0.5 | 114.8 | No trigger | No trigger |
| 19/05/2014 | | P_031 | 0.56 | 84.2 | 0.88 | 104.7 | No trigger | No trigger |
| 6/07/2014 | | P_032 | 0.54 | 97.9 | 0.32 | 84.2 | 0.45 | 98.8 |
| 17/07/2014 | | P_033 | No trigger | No trigger | 0.6 | 111 | 0.31 | 105.9 |
| 24/07/2014 | | P_034 | 0.4 | 84.2 | 0.36 | 112.8 | 0.3 | 111.9 |
| 12/08/2014 | | P_035 | 0.49 | 84.2 | 0.47 | 102.4 | 0.43 | 103.5 |
| 4/09/2014 | 12.34pm | P_036 | 0.43 | 76.4 | 0.88 | 87.7 | 0.42 | 84.2 |
| 19/09/2014 | 1.18pm | P_037 | 0.43 | 108.3 | 0.69 | 111 | 0.44 | 103.2 |
| 20/10/2014 | | P_038 | 0.53 | 113.6 | 0.97 | 112.1 | 0.65 | 114.8 |
| 10/12/2014 | | P_039 | 0.36 | 112 | 0.52 | 105.1 | 0.34 | 106.7 |
| 21/01/2015 | 12.48pm | P_040 | 0.6 | 103.3 | 0.72 | 102.3 | 0.34 | 99.1 |
| 4/02/2015 | 12.18pm | P_041 | 0.35 | 110.7 | 0.59 | 113.7 | No trigger | No trigger |
| 2/04/2015 | 12.36pm | P_042 | 0.43 | 105.5 | 0.57 | 109.2 | 0.2 | 102.6 |
| 6/05/2015 | 12.27pm | P_043 | 0.55 | 85.8 | 0.61 | 103.7 | 0.42 | 101 |
| 12/05/2015 | 1.36pm | P_044 | 0.61 | 105.7 | 0.47 | 110.5 | No trigger | No trigger |
| 30/07/2015 | 12.29pm | P_045 | 0.43 | 110.5 | 1.06 | 109.4 | 0.74 | 108.5 |
| 27/08/2015 | 1.09pm | P_046 | 0.46 | 105 | 0.93 | 110.1 | 0.74 | 107 |
| 16/11/2015 | 12.22pm | P_047 | 0.39 | 106.1 | 0.52 | 106.3 | No trigger | No trigger |
| 8/01/2016 | 13.14 | P_048 | 0.61 | 106.4 | 0.68 | 102.1 | No trigger | No trigger |
| 29/02/2016 | 13.58 | P_049 | 0.9 | 110.9 | 0.8 | 108.7 | 0.54 | 111.2 |
| 19/05/2016 | 11.47 | P_050 | No trigger | No trigger | No trigger | No trigger | No trigger | No trigger |
| 14/06/2016 | 12.25 | P_051 | 0.57 | 101.5 | No trigger | No trigger | No trigger | No trigger |
| 4/07/2016 | 11.58 | P_052 | 0.63 | 100.4 | 0.64 | 111.4 | 0.35 | 105.2 |
| 19/08/2016 | 12.36 | P_053 | 0.44 | 102.9 | 1.2 | 107.8 | 0.45 | 103.4 |
| 19/09/2016 | 12.44 | P_054 | 0.71 | 108.9 | 0.37 | 109.8 | No trigger | No trigger |
| 26/09/2016 | 12.44 | P_055 | No trigger | No trigger | No trigger | No trigger | No trigger | No trigger |
| 20/10/2016 | 14.14 | P_056 | 0.43 | 105.8 | 0.68 | 98.8 | No trigger | No trigger |
| 31/10/2016 | 14.05 | P_057 | No trigger | No trigger | 0.9 | 103.9 | 0.68 | 102 |
| 25/01/2017 | 13:05 | P_058 | 0.45 | 111.3 | 0.94 | 92.4 | No trigger | No trigger |
| 14/02/2017 | 14:52 | P_059 | 0.6 | 106.3 | No trigger | No trigger | 0.53 | 101.8 |
| 21/03/2017 | 12:55 | P_060 | 0.87 | 106.5 | 0.5 | 102.8 | No trigger | No trigger |
| 10/04/2017 | 14:53 | P_061 | 0.61 | 103.4 | 0.87 | 107.2 | No trigger | No trigger |
| 10/05/2017 | 12:54 | P_062 | 0.9 | 104.6 | 0.66 | 108.1 | 0.53 | 95.5 |
| 23/05/2017 | 9:14 | P_063 | 0.41 | 104.9 | 0.93 | 106.1 | 0.59 | 98.1 |
| 22/06/2017 | 14.31 | P_064 | 0.69 | 111 | 0.83 | 108.4 | No trigger | No trigger |
| 19/07/2017 | 14.03 | P_065 | 0.52 | 106.1 | 0.97 | 109.7 | 0.87 | 104.7 |
| 27/07/2017 | 13.13 | P_066 | 0.62 | 101.1 | 0.63 | 102.6 | No trigger | No trigger |
| 18/08/2017 | 11.28 | P_067 | 0.88 | 106.4 | 1.09 | 111.5 | 0.83 | 109.3 |
| 15/09/2017 | 13.18 | P_068 | No trigger | No trigger | No trigger | No trigger | No trigger | No trigger |
| 1/12/2017 | 14.26 | P_069 | 0.57 | 109.2 | 0.65 | 107.3 | 0.66 | 103.9 |
| 22/01/2018 | 11.36 | P_070 | 0.45 | 104.8 | 0.53 | 107.8 | No trigger | No trigger |
| 2/03/2018 | 14.31 | P_071 | 0.32 | 107.7 | 1.18 | 105.6 | 0.61 | 97.6 |
| 29/03/2018 | 9.04 | P_072 | No trigger | No trigger | 0.31 | 105.6 | No trigger | No trigger |
| 24/04/2018 | 12.39 | P_073 | 0.53 | 114.2 | 0.68 | 114.4 | 0.65 | 113.6 |
| 3/05/2018 | 12.28 | P_074 | 0.44 | 100.3 | 0.47 | 105.6 | 0.54 | 102.3 |
| 25/05/2018 | 12.33 | P_075 | No trigger | No trigger | 0.53 | 103.9 | 0.7 | 107.1 |
| 1/06/2018 | 12.02 | P_076 | No trigger | No trigger | 0.81 | 105.6 | 0.41 | 112 |
| 29/06/2018 | 14.37 | P_077 | 0.54 | 110.4 | 0.72 | 111.4 | No trigger | No trigger |

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|------------|-------|-------|------------|------------|------------|------------|------------|------------|
| 6/09/2018 | 14.59 | P_078 | 0.32 | 108.3 | 1.44 | 104.8 | 0.53 | 105.9 |
| 13/09/2018 | 9.23 | P_079 | 0.06 | 105.6 | No trigger | No trigger | No trigger | No trigger |
| 30/10/2018 | 13.24 | P_080 | 0.47 | 101.8 | 0.7 | 107.8 | 0.7 | 102.5 |
| 14/01/2019 | 13.15 | P_081 | 0.51 | 111.7 | 0.71 | 108 | 0.67 | 101.4 |
| 16/05/2019 | 12.51 | P_082 | 0.5 | 107.8 | 0.66 | 105.3 | No trigger | No trigger |
| 13/06/2019 | 12.38 | P_083 | No trigger | No trigger | No trigger | No trigger | No trigger | No trigger |
| 10/07/2019 | 12.48 | P_084 | 0.69 | 105.7 | 1.03 | 109.6 | No trigger | No trigger |
| 21/08/2019 | 12.37 | P_085 | 0.54 | 102.3 | 0.83 | 109.8 | 0.67 | 95.75 |
| 3/10/2019 | 12:03 | P_086 | 0.58 | 111 | 1.02 | 108.6 | 0.69 | 104.9 |
| 5/12/2019 | 13:17 | P_087 | No trigger | No trigger | No trigger | No trigger | No trigger | No trigger |
| 21/02/2020 | 12:49 | P_088 | No trigger | No trigger | 0.8 | 110.3 | 0.79 | 100.9 |
| 5/05/2020 | 13:03 | P_089 | 1.11 | 107.8 | No trigger | No trigger | No trigger | No trigger |
| 18/06/2020 | 12:56 | P_090 | 0.58 | 109.8 | No trigger | No trigger | No trigger | No trigger |
| 8/10/2020 | 12:32 | P_091 | 1.51 | 105.1 | No trigger | No trigger | No trigger | No trigger |
| 3/12/2020 | 12:22 | P_092 | No trigger | No trigger | 0.74 | 100 | No trigger | No trigger |
| 1/03/2021 | 13:09 | P_093 | 0.58 | 103.8 | 0.71 | 103.1 | 0.72 | 98.6 |
| 23/04/2021 | 11:48 | P_094 | 0.67 | 107 | 0.74 | 113.4 | 0.91 | 101.9 |
| 12/05/2021 | 12:58 | P_095 | 0.88 | 100.5 | 0.57 | 103.5 | No trigger | No trigger |
| 7/06/2021 | 12:56 | P_096 | 0.62 | 102.8 | No trigger | No trigger | 0.56 | 103.5 |
| 22/06/2021 | 14:45 | P_097 | 0.72 | 109.5 | 0.52 | 106.9 | No trigger | No trigger |
| 28/07/2021 | 14:38 | P_098 | 0.51 | 111.7 | 0.71 | 108 | 0.67 | 101.4 |
| 28/08/2021 | 13:59 | P_099 | No trigger | No trigger | No trigger | No trigger | No trigger | No trigger |
| 1/09/2021 | 12:17 | P_100 | No trigger | No trigger | No trigger | No trigger | No trigger | No trigger |
| 4/11/2021 | 12:21 | P_101 | No trigger | No trigger | No trigger | No trigger | No trigger | No trigger |