## August 2018 Blast Monitoring

**Contractor / Portion / Wave** | **Date of blast monitoring** | **Time** | **Location** | **Overpressure Reading (dB)L** | **Ground Vibration peak particle velocity (PPV) (mm/s)**
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SWC Portion A | 2/08/2018 | 14:00 | Cut 30 | 112.6 | 3.113
SWC Portion A | 2/08/2018 | 14:00 | Cut 30 | 88 | 2.997
SWC Portion A | 17/08/2018 | 11:00 | Cut 30 | 88 | 2.215
SWC Portion A | 17/08/2018 | 11:00 | Cut 30 | 0 | 0
SEE Civil Portion B | 16/07/2018 | 13:00 | Tyndale Borrow Site - CH67500 | 95.06 | 1.171
CPB Portion C | 15/08/2018 | 10:09 | Portion C, Lang Hill, Water Tank, Blast 1 | 95.92 | 1.27
CPB Portion C | 15/08/2018 | 10:20 | Portion C, Lang Hill, Water Tank, Blast 2 | 100 | 1.605
CPB Portion C | 15/08/2018 | 11:09 | Portion C, Lang Hill, Water Tank, Blast 3 | 101 | 1.621
CPB Portion C | 15/08/2018 | 11:16 | Portion C, Lang Hill, Water Tank, Blast 4 | 105.5 | 1.47
CPB Portion C | 15/08/2018 | 11:20 | Portion C, Lang Hill, Water Tank, Blast 5 | 108.4 | 3.384
CPB Portion C | 15/08/2018 | 11:25 | Portion C, Lang Hill, Water Tank, Blast 6 | 105.5 | 2
CPB Portion C | 15/08/2018 | 11:19 | Portion C, Lang Hill, House, Blast 1 | 91.48 | 3.576
CPB Portion C | 15/08/2018 | 11:19 | Portion C, Lang Hill, House, Blast 2 | 104.2 | 5.515
CPB Portion C | 15/08/2018 | 11:13 | Portion C, Lang Hill, House, Blast 3 | 111.5 | 3.722
CPB Portion C | 15/08/2018 | 11:15 | Portion C, Lang Hill, House, Blast 4 | 105.5 | 6.342
CPB Portion C | 15/08/2018 | 11:19 | Portion C, Lang Hill, House, Blast 5 | 114 | 11.46
CPB Portion C | 15/08/2018 | 11:23 | Portion C, Lang Hill, House, Blast 6 | 108.8 | 7.045
CPB Portion C | 15/08/2018 | 10:07 | Portion C, Lang Hill, Pipe Line, Blast 1 | 91.48 | 2.174
CPB Portion C | 15/08/2018 | 10:18 | Portion C, Lang Hill, Pipe Line, Blast 2 | 101 | 2.293
CPB Portion C | 15/08/2018 | 11:07 | Portion C, Lang Hill, Pipe Line, Blast 3 | 107.5 | 2.222
CPB Portion C | 15/08/2018 | 11:13 | Portion C, Lang Hill, Pipe Line, Blast 4 | 111.5 | 3.722
CPB Portion C | 15/08/2018 | 11:18 | Portion C, Lang Hill, Pipe Line, Blast 5 | 118.2 | 6.087
CPB Portion C | 15/08/2018 | 11:22 | Portion C, Lang Hill, Pipe Line, Blast 6 | 108.4 | 2.627
LendLease Portion D | 13/08/2018 | 10:45 | Gibsons Quarry | 107.5 | 1.524

**EPA requirements:**
- Readings must not >125dB at any time
- Overpressure level must not exceed 120dB at any time for 95% of blasts over each reporting period (calendar month)

d) PPV must not >10mm/second at any time

c) GPPV must not exceed 5mm/s for 95% of blasts over each reporting period (calendar month)