

Concentrations of Iron, Ni, Lead, Sulphur, Copper and Lithium in TSP (October 2016 to August 2017)

| Sampling Start Date | Sampling End Date | Site 1 ($\mu\text{g}/\text{m}^3$) | | | | | | Site 2 ($\mu\text{g}/\text{m}^3$) | | | | | | Site 3 ($\mu\text{g}/\text{m}^3$) | | | | | | Site 4 ($\mu\text{g}/\text{m}^3$) | | | | | | Site 5 ($\mu\text{g}/\text{m}^3$) | | | | | |
|---------------------|-------------------|-------------------------------------|--------|--------|------|--------|--------|-------------------------------------|---------|--------|-------|--------|--------|-------------------------------------|---------|--------|------|--------|--------|-------------------------------------|--------|--------|------|--------|--------|-------------------------------------|---------|--------|------|--------|--------|
| | | Fe | Ni | Pb | S | Cu | Li | Fe | Ni | Pb | S | Cu | Li | Fe | Ni | Pb | S | Cu | Li | Fe | Ni | Pb | S | Cu | Li | Fe | Ni | Pb | S | Cu | Li |
| 6/10/2016 12:00 | 7/10/2016 12:00 | 0.40 | <0.002 | <0.005 | 1.20 | 0.010 | 0.001 | 0.64 | <0.002 | <0.005 | 0.87 | 0.010 | <0.001 | 0.61 | 0.003 | <0.005 | 1.40 | 0.010 | <0.001 | 2.90 | 0.006 | <0.005 | 1.50 | 0.020 | 0.002 | 0.19 | <0.002 | <0.005 | 0.56 | <0.001 | <0.001 |
| 12/10/2016 12:00 | 13/10/2016 12:00 | 0.36 | <0.002 | <0.005 | 0.12 | <0.001 | <0.001 | 0.32 | <0.002 | <0.005 | 0.14 | <0.001 | <0.001 | 0.41 | <0.002 | <0.005 | 0.20 | <0.001 | <0.001 | 5.20 | 0.013 | <0.005 | 1.50 | <0.001 | 0.003 | 0.12 | <0.002 | <0.005 | 0.10 | <0.001 | <0.001 |
| 18/10/2016 12:00 | 19/10/2016 12:00 | 0.41 | <0.002 | <0.005 | 0.82 | <0.001 | <0.001 | 1.40 | 0.003 | <0.005 | 1.50 | <0.001 | 0.002 | 1.80 | 0.003 | <0.005 | 1.90 | <0.001 | 0.002 | 3.80 | 0.006 | <0.005 | 3.30 | <0.001 | 0.002 | 0.42 | 0.002 | <0.005 | 1.40 | 0.010 | 0.002 |
| 24/10/2016 12:00 | 25/10/2016 12:00 | 0.51 | <0.002 | <0.005 | 1.10 | <0.001 | 0.002 | 0.41 | <0.002 | <0.005 | 0.68 | <0.001 | <0.001 | 0.22 | <0.002 | <0.005 | 0.91 | <0.001 | 0.001 | 0.20 | <0.002 | <0.005 | 0.80 | <0.001 | 0.001 | 0.22 | <0.002 | <0.005 | 0.77 | <0.001 | 0.001 |
| 30/10/2016 12:00 | 31/10/2016 12:00 | 0.34 | 0.003 | <0.005 | 1.20 | <0.001 | 0.002 | 0.67 | 0.002 | <0.005 | 1.10 | <0.001 | 0.002 | 0.22 | 0.002 | <0.005 | 1.10 | <0.001 | 0.002 | 0.20 | <0.002 | <0.005 | 1.10 | <0.001 | 0.002 | 0.27 | 0.002 | <0.005 | 1.20 | <0.001 | 0.002 |
| 5/11/2016 12:00 | 6/11/2016 12:00 | 3.10 | 0.005 | <0.005 | 2.40 | <0.001 | 0.003 | 2.20 | 0.006 | <0.005 | 4.40 | <0.001 | 0.003 | 1.90 | 0.008 | 0.005 | 6.80 | <0.001 | 0.003 | 2.30 | 0.012 | 0.013 | 6.10 | <0.001 | 0.003 | 1.60 | 0.003 | <0.005 | 1.90 | <0.001 | 0.003 |
| 11/11/2016 12:00 | 12/11/2016 12:00 | 0.30 | <0.002 | <0.005 | 1.30 | <0.001 | 0.002 | 0.39 | <0.002 | <0.005 | 1.20 | <0.001 | 0.002 | 0.22 | <0.002 | <0.005 | 1.40 | <0.001 | 0.002 | 0.26 | <0.002 | <0.007 | 1.30 | <0.001 | 0.002 | 0.24 | <0.002 | <0.005 | 1.10 | <0.001 | 0.002 |
| 17/11/2016 12:00 | 18/11/2016 12:00 | 0.78 | 0.003 | <0.005 | 1.90 | 0.002 | 0.002 | 0.95 | 0.002 | <0.005 | 1.20 | 0.002 | 0.002 | 0.53 | <0.002 | <0.005 | 1.40 | 0.002 | 0.002 | 0.29 | <0.002 | <0.005 | 0.78 | 0.001 | <0.001 | 0.46 | 0.002 | <0.005 | 1.30 | 0.003 | 0.002 |
| 23/11/2016 12:00 | 24/11/2016 12:00 | 1.80 | 0.004 | <0.005 | 1.50 | 0.002 | 0.001 | 3.60 | 0.004 | <0.005 | 0.86 | 0.002 | 0.001 | 6.20 | 0.007 | <0.005 | 2.70 | 0.004 | 0.003 | 2.90 | 0.005 | <0.005 | 1.80 | 0.002 | 0.002 | 0.34 | <0.002 | <0.005 | 0.71 | 0.002 | <0.001 |
| 29/11/2016 12:00 | 30/11/2016 12:00 | 1.70 | 0.006 | 0.0050 | 3.80 | <0.001 | 0.002 | 4.30 | 0.005 | <0.005 | 1.40 | 0.002 | 0.002 | 1.10 | 0.002 | <0.005 | 1.40 | 0.002 | 0.002 | 1.40 | 0.003 | <0.005 | 1.60 | 0.002 | 0.002 | 0.66 | 0.002 | <0.005 | 1.50 | 0.002 | 0.002 |
| 5/12/2016 12:00 | 6/12/2016 12:00 | 2.70 | 0.011 | <0.005 | 4.30 | 0.003 | 0.003 | 5.70 | 0.008 | <0.005 | 2.30 | 0.004 | 0.003 | 1.30 | 0.004 | <0.005 | 2.60 | 0.002 | 0.002 | 2.80 | 0.006 | <0.005 | 2.20 | 0.003 | 0.003 | 0.89 | 0.005 | <0.005 | 2.80 | 0.003 | 0.002 |
| 11/12/2016 12:00 | 12/12/2016 12:00 | 0.76 | 0.005 | <0.005 | 3.40 | 0.003 | 0.002 | 1.50 | 0.005 | <0.005 | 2.60 | 0.004 | 0.003 | 0.61 | 0.002 | <0.005 | 1.90 | 0.004 | 0.002 | 0.58 | 0.002 | <0.005 | 1.70 | 0.002 | 0.002 | 0.45 | 0.003 | <0.005 | 2.60 | 0.003 | 0.002 |
| 17/12/2016 12:00 | 18/12/2016 12:00 | 0.74 | 0.003 | <0.005 | 1.70 | 0.003 | 0.002 | 1.10 | 0.006 | <0.005 | 3.00 | 0.005 | 0.002 | 2.50 | 0.011 | <0.005 | 5.90 | 0.005 | 0.003 | 3.50 | 0.018 | 0.007 | 6.40 | 0.004 | 0.003 | 0.36 | <0.002 | <0.005 | 1.50 | 0.004 | 0.002 |
| 23/12/2016 12:00 | 24/12/2016 12:00 | 2.70 | 0.006 | <0.005 | 4.20 | 0.003 | 0.002 | 3.50 | 0.009 | <0.005 | 5.20 | 0.005 | 0.003 | 3.20 | 0.009 | <0.005 | 6.30 | 0.004 | 0.003 | 2.00 | 0.005 | <0.005 | 2.80 | 0.004 | 0.002 | 0.99 | 0.004 | <0.005 | 3.10 | 0.003 | 0.002 |
| 29/12/2016 12:00 | 30/12/2016 12:00 | 0.48 | 0.003 | <0.005 | 3.00 | 0.004 | 0.002 | 0.74 | 0.002 | <0.005 | 1.70 | 0.003 | 0.002 | 0.34 | <0.002 | <0.005 | 1.40 | 0.003 | 0.002 | 0.30 | <0.002 | <0.005 | 1.50 | 0.003 | 0.002 | 0.19 | <0.002 | <0.005 | 1.70 | 0.003 | 0.002 |
| 4/01/2017 12:00 | 5/01/2017 12:00 | 1.30 | 0.006 | <0.005 | 3.00 | 0.008 | 0.003 | 3.50 | 0.009 | <0.005 | 2.90 | 0.004 | 0.003 | 3.80 | 0.007 | <0.005 | 1.70 | 0.004 | 0.003 | 8.50 | 0.016 | 0.007 | 1.80 | 0.005 | 0.004 | 0.55 | 0.003 | <0.005 | 2.60 | 0.003 | 0.003 |
| 10/01/2017 12:00 | 11/01/2017 12:00 | 4.60 | 0.007 | <0.003 | 2.90 | 0.004 | 0.003 | 8.00 | 0.013 | <0.003 | 5.10 | 0.005 | 0.003 | 5.10 | 0.008 | <0.003 | 4.00 | 0.005 | 0.003 | 2.50 | 0.004 | <0.003 | 1.70 | 0.004 | 0.002 | 2.20 | 0.005 | <0.003 | 2.50 | 0.004 | 0.003 |
| 16/01/2017 12:00 | 17/01/2017 12:00 | 3.40 | 0.005 | <0.003 | 3.40 | 0.004 | 0.002 | 1.70 | 0.003 | <0.003 | 1.80 | 0.004 | 0.002 | 0.56 | 0.003 | <0.003 | 1.80 | 0.003 | 0.002 | 0.69 | 0.003 | <0.003 | 1.90 | 0.004 | 0.002 | 0.97 | 0.004 | <0.003 | 3.10 | 0.003 | 0.002 |
| 22/01/2017 12:00 | 23/01/2017 12:00 | 0.54 | 0.003 | <0.003 | 1.80 | 0.004 | 0.002 | 0.55 | <0.0012 | <0.003 | 1.20 | 0.003 | 0.002 | 0.29 | 0.002 | <0.003 | 1.40 | 0.002 | 0.002 | 0.30 | 0.002 | <0.003 | 1.60 | 0.003 | 0.002 | 0.26 | 0.001 | <0.003 | 1.50 | 0.003 | 0.002 |
| 28/01/2017 12:00 | 29/01/2017 12:00 | 1.70 | 0.009 | <0.003 | 6.70 | 0.004 | 0.003 | 1.30 | 0.012 | <0.003 | 10.00 | 0.004 | 0.003 | 1.20 | 0.009 | <0.003 | 6.30 | 0.004 | 0.003 | 1.20 | 0.006 | <0.003 | 3.70 | 0.003 | 0.003 | 0.40 | 0.004 | <0.003 | 3.10 | 0.003 | 0.002 |
| 3/02/2017 12:00 | 4/02/2017 12:00 | 2.50 | 0.008 | <0.003 | 4.30 | 0.004 | 0.003 | 4.10 | 0.007 | <0.003 | 4.10 | 0.005 | 0.003 | 1.10 | 0.003 | <0.003 | 1.90 | 0.003 | 0.002 | 1.30 | 0.003 | <0.003 | 1.80 | 0.003 | 0.003 | 1.20 | 0.004 | <0.003 | 2.60 | 0.004 | 0.002 |
| 9/02/2017 12:00 | 10/02/2017 12:00 | 0.14 | 0.003 | <0.003 | 3.00 | 0.003 | 0.002 | 0.26 | 0.003 | <0.003 | 3.00 | 0.003 | 0.002 | 0.34 | 0.003 | <0.003 | 2.30 | 0.003 | 0.002 | 0.31 | 0.002 | <0.003 | 1.00 | 0.003 | 0.002 | 0.13 | 0.002 | <0.003 | 0.94 | 0.003 | 0.002 |
| 15/02/2017 12:00 | 16/02/2017 12:00 | 2.30 | 0.003 | <0.003 | 2.00 | 0.004 | 0.003 | 1.00 | 0.003 | <0.003 | 1.70 | 0.004 | 0.002 | 0.40 | 0.002 | <0.003 | 1.60 | 0.003 | 0.002 | 0.69 | 0.002 | <0.003 | 1.60 | 0.003 | 0.003 | 0.32 | 0.002 | <0.003 | 1.50 | 0.003 | 0.002 |
| 21/02/2017 12:00 | 22/02/2017 12:00 | 0.24 | 0.001 | <0.003 | 1.90 | 0.003 | 0.002 | 0.40 | 0.002 | <0.003 | 1.90 | 0.004 | 0.002 | 0.23 | 0.002 | <0.003 | 2.00 | 0.004 | 0.002 | 0.19 | 0.001 | <0.003 | 1.90 | 0.003 | 0.002 | 0.20 | 0.001 | <0.003 | 1.70 | 0.003 | 0.002 |
| 27/02/2017 12:00 | 28/02/2017 12:00 | 2.30 | 0.012 | <0.003 | 5.20 | 0.003 | 0.002 | 5.50 | 0.026 | 0.005 | 8.10 | 0.007 | 0.005 | 2.60 | 0.007 | <0.003 | 1.90 | 0.004 | 0.003 | 1.50 | 0.003 | <0.003 | 1.90 | 0.004 | 0.003 | 0.66 | 0.006 | <0.003 | 2.90 | 0.003 | 0.002 |
| 5/03/2017 12:00 | 6/03/2017 12:00 | 1.60 | 0.011 | <0.003 | 6.40 | 0.004 | 0.003 | 2.70 | 0.016 | <0.003 | 9.30 | 0.004 | 0.003 | 3.00 | 0.024 | <0.003 | 9.20 | 0.005 | 0.003 | 2.20 | 0.022 | <0.003 | 8.90 | 0.004 | 0.003 | 0.38 | 0.004 | <0.003 | 3.70 | 0.003 | 0.002 |
| 11/03/2017 12:00 | 12/03/2017 12:00 | 0.66 | 0.001 | <0.003 | 1.60 | 0.003 | 0.002 | 0.70 | 0.002 | <0.003 | 1.80 | 0.003 | 0.002 | 0.68 | <0.0012 | <0.003 | 1.40 | 0.003 | 0.002 | 0.56 | 0.001 | <0.003 | 1.30 | 0.003 | 0.002 | 0.32 | <0.0012 | <0.003 | 1.10 | 0.003 | 0.002 |
| 17/03/2017 12:00 | 18/03/2017 12:00 | 2.90 | 0.007 | <0.003 | 4.70 | 0.005 | 0.003 | 4.10 | 0.009 | <0.003 | 5.30 | 0.006 | 0.003 | 4.00 | 0.008 | <0.003 | 3.80 | 0.005 | 0.003 | 8.70 | 0.010 | <0.003 | 3.50 | 0.005 | 0.003 | 1.40 | 0.003 | <0.003 | 2.20 | 0.004 | 0.003 |
| 23/03/2017 12:00 | 24/03/2017 12:00 | 0.80 | 0.003 | <0.003 | 1.20 | 0.003 | 0.002 | 1.60 | 0.005 | <0.003 | 1.20 | 0.004 | 0.002 | 0.73 | 0.003 | <0.003 | 1.30 | 0.003 | 0.002 | 1.40 | 0.004 | <0.003 | 1.70 | 0.002 | 0.002 | 0.53 | 0.002 | <0.003 | 1.30 | 0.003 | 0.002 |
| 29/03/2017 12:00 | 30/03/2017 12:00 | 0.78 | 0.003 | <0.003 | 2.10 | 0.004 | 0.003 | 1.20 | 0.003 | <0.003 | 2.00 | 0.004 | 0.003 | 1.60 | 0.003 | <0.003 | 2.40 | 0.007 | 0.003 | 1.60 | 0.004 | <0.003 | 2.10 | 0.004 | 0.003 | 0.54 | 0.002 | <0.003 | 1.80 | 0.004 | 0.003 |
| 4/04/2017 12:00 | 5/04/2017 12:00 | 1.80 | 0.006 | <0.003 | 2.20 | 0.005 | 0.003 | 3.20 | 0.009 | 0.004 | 2.70 | 0.006 | 0.003 | 4.90 | 0.010 | <0.003 | 3.30 | 0.007 | 0.004 | 9.10 | 0.029 | 0.003 | 8.00 | 0.009 | 0.006 | 1.20 | 0.005 | <0.003 | 1.90 | 0.017 | 0.003 |
| 10/04/2017 12:00 | 11/04/2017 12:00 | 2.50 | 0.007 | <0.003 | 3.10 | 0.005 | 0.003 | 3.50 | 0.006 | 0.003 | 2.80 | 0.007 | 0.003 | 4.00 | 0.006 | <0.003 | 2.70 | 0.004 | 0.003 | 4.50 | 0.010 | 0.004 | 5.10 | 0.004 | 0.004 | 0.68 | 0.003 | <0.003 | 1.70 | 0.008 | 0.003 |
| 16/04/2017 12:00 | 17/04/2017 12:00 | 2.90 | 0.015 | <0.003 | 9.00 | 0.003 | 0.003 | 5.50 | 0.020 | <0.003 | 9.50 | 0.005 | 0.003 | 4.10 | 0.011 | <0.003 | 6.60 | 0.004 | 0.003 | 2.50 | 0.009 | <0.003 | 5.50 | 0.004 | 0.003 | 0.77 | 0.004 | <0.003 | 3.30 | 0.004 | 0.002 |
| 22/04/2017 12:00 | 23/04/2017 12:00 | 1.20 | 0.008 | <0.003 | 4.70 | 0.002 | 0.002 | 3.80 | 0.010 | <0.003 | 5.90 | 0.002 | 0.002 | 3.60 | 0.011 | <0.003 | 6.80 | 0.004 | 0.002 | 2.30 | 0.008 | <0.003 | 5.30 | 0.002 | 0.002 | 0.62 | 0.002 | <0.003 | 2.1 | | |