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**Licensee:** Sumitomo Metal Mining Oceana P/L  
 CMOC Mining Pty Ltd  
 SC Mineral Resources Pty Ltd  
**EPL No.:** 4784

EPA Identification no.	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
1 (W14)	Quarterly	Conductivity Copper pH  Standing Water Level	10477 0.002 7.32  19.97	$\mu\text{S/cm}$ mg/L   m	The Q4 2017 water monitoring results for W14 bore are inline with historical water quality. There is minimal elevation in the standing water level from previous quarter which was 20.12m. The conductivity increased from last quarter which recorded 10110 $\mu\text{S/cm}$ . The pH increased from last quarter which was 7.16, copper concentration decreased from last reporting period, which was 0.012 mg/L. These variances are most likely the result of increased rainfall (161mm) when compared to the previous quarter (59mm).
2 (W19)	Quarterly	Conductivity Copper pH  Standing Water Level	5729 0.008 7.62  33.83	$\mu\text{S/cm}$ mg/L   m	The Q4 2017 water monitoring results for W19 bore are inline with historical water quality. There is minimal elevation in the standing water level from previous quarter which was 34.39m. The conductivity increased from last quarter which recorded 5490 $\mu\text{S/cm}$ . The pH decreased from last quarter which was 7.83, copper concentration decreased from last reporting period, which was 0.015 mg/L. These variances are most likely the result of increased rainfall (161mm) when compared to the previous quarter (59mm).
3 (W21)	Quarterly	Conductivity Copper  pH	13694 0.004  11.38	$\mu\text{S/cm}$ mg/L  	The Q4 2017 water monitoring results for W21 bore are inline with historical water quality. There is minimal variation in the standing water level from previous quarter which was 12.99m. The conductivity increased from last quarter which recorded 12200 $\mu\text{S/cm}$ . The pH increased from last quarter

		Standing Water Level	13.01	m	recorded 13300µs/cm . The pH increased from last quarter which was 7.8 as a result of water stratification within the monitoring bore. The pH of 11.38 recorded this month is in line with historical values. Copper concentrations decreased from last reporting period, which was 0.016 mg/L. These variances are most likely the result of increased rainfall (161mm) when compared to the previous quarter (59mm).
EPA Identification no.	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
4 (W23)	Quarterly	Conductivity Copper pH	16181 0.006 7.7	µS/cm mg/L	The Q4 2017 water monitoring results for W23 bore are inline with historical water quality. There is minimal elevation in the standing water level from previous quarter which was 25.5m. The conductivity increased from last quarter which recorded 15350µS/cm . The pH remained constant at 7.7, copper concentration decreased from last reporting period, which was 0.019 mg/L. These variances are most likely the result of increased rainfall (161mm) when compared to the previous quarter (59mm).
		Standing Water Level	25.17	m	
5 (W25)	Quarterly	Conductivity Copper pH	1288 0.006 8.14	µS/cm mg/L	The Q4 2017 water monitoring results for W25 bore are inline with historical water quality. There is minimal elevation in the standing water level from previous quarter which was 2.41m. The conductivity decreased from last quarter which recorded 1455µS/cm . The pH decreased from last quarter which was 8.65, copper concentration decreased from last reporting period, which was 0.011 mg/L. These variances are most likely the result of increased rainfall (161mm) when compared to the previous quarter (59mm).
		Standing Water Level	2.19	m	
6 (W20)	Quarterly	Conductivity Copper pH	14788 0.026 7	µS/cm mg/L	The Q4 2017 water monitoring results for W20 bore are inline with historical water quality. There is minimal elevation in the standing water level from previous quarter which was 16.23m. The conductivity increased from last quarter which recorded 14500µS/cm . The pH increased from last quarter which was 7.33, copper concentration increased from last reporting period, which was 0.014 mg/L. These variances are most likely the result of increased rainfall (161mm) when compared to the previous quarter (59mm).
		Standing Water Level	16.17	m	



