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**Published:** 18/10/2017  
**Sampled:** 1/09/2017  
**Obtained:** 28/09/2017

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

Sampling point	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
W14	Quarterly	Conductivity	10110	µS/cm	The Q3 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 21.8 m. The conductivity decreased from last quarter which recorded 12850 µS/cm . The pH concentration decreased from last quarter which was 7.40, copper concentration increased slightly from last reporting period, which was 0.006 mg/L. These variances are the result of lower than average rainfall for the quarter.
W14	Quarterly	Copper	0.012	mg/L	
W14	Quarterly	pH	7.16		
W14	Quarterly	Standing Water Level	20.12	m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
W19 (MB21)	Quarterly	Conductivity	5490	µS/cm	The Q3 2017 water monitoring results for W19 bore are inline with historical water quality. The pH and EC recorded lower values compared to previous reporting period. There was a minor decline in the standing water level from previous quarter which was 34.25m. The pH observed a slight decrease from last quarter which was 7.85, similarly the conductivity decreased from the last quarter which was 6214 µS/cm. The copper concentration increased from last quarter which was 0.006 mg/L. These variances are the result of lower than average rainfall over the reporting period.
W19 (MB21)	Quarterly	Copper	0.015	mg/L	
W19 (MB21)	Quarterly	pH	7.83		
W19 (MB21)	Quarterly	Standing Water Level	34.39	m	



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Sampling point	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
W21 (MB23)	Quarterly	Conductivity	13300	µS/cm	The Q3 2017 water monitoring results for W21 bore are inline with historical water quality with the exception of pH recording a low value from the previous 10.1. There is an increase in the standing water level from previous quarter which recorded 13.18m. Copper concentrations increased from the last quarters results at 0.008 mg/l and conductivity decreased from the previous 14256 µS/cm. Findings are due to lower infiltration as a result of lower rainfall.
W21 (MB23)	Quarterly	Copper	0.016	mg/L	
W21 (MB23)	Quarterly	pH	7.8		
W21 (MB23)	Quarterly	Standing Water Level	12.99	m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
W23 (MB25)	Quarterly	Conductivity	15350	µS/cm	The Q3 2017 water monitoring results for W23 bore are inline with historical water quality. pH and electrical conductivity decreased from the the last quarter - pH was 7.95 and electrical conductivity was 16030 µS/cm. The standing water level is inline with long term averages, and was a slight increase in recorded water level which was 26.1 m from last reporting period. Copper concentration slightly increased from 0.015mg/L in the last period. Findings are due to lower infiltration as a result of lower rainfall.
W23 (MB25)	Quarterly	Copper	0.019	mg/L	
W23 (MB25)	Quarterly	pH	7.7		
W23 (MB25)	Quarterly	Standing Water Level	25.5	m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
W25 (MB27)	Quarterly	Conductivity	1455	µS/cm	The Q3 2017 water monitoring results for W25 bore are inline with historical water quality. There was no change in the standing water level from previous quarter which was 2.40 m. The conductivity concentration increased slightly from the last quarter, conductivity was 1396 µS/cm. The copper and pH concentrations also decreased from the last quarter. Previous copper concentrations recorded 0.016 mg/L and pH 8.85
W25 (MB27)	Quarterly	Copper	0.011	mg/L	
W25 (MB27)	Quarterly	pH	8.65		
W25 (MB27)	Quarterly	Standing Water Level	2.41	m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
W20 (MB22)	Quarterly	Conductivity	14500	µS/cm	The Q3 2017 water monitoring results for W20 bore are inline with historical water quality. There was a decrease in conductivity concentrations from the previous quarter which was 15980 µS/cm. The copper concentrations decreased to the previous quarter which recorded 0.015 mg/L. pH also decreased slightly from last reporting period which recorded 7.64. Standing water level from the previous period increased from a depth of 17.85m
W20 (MB22)	Quarterly	Copper	0.014	mg/L	
W20 (MB22)	Quarterly	pH	7.33		
W20 (MB22)	Quarterly	Standing Water Level	16.23	m	