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Sampled: 26/09/2016
Obtained: 12/10/2016

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	12054.9 $\mu\text{S}/\text{cm}$	The Q3 2016 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 22.50 m. The conductivity slightly decreased from last quarter. Conductivity was 13580 $\mu\text{S}/\text{cm}$. The pH concentrations increased from last quarter which was 7.15 and the no change in the copper. These variances is the result of less infiltration of water due to low rainfall over the reporting period.
W14	Quarterly	Copper	0.001 mg/L	
W14	Quarterly	pH	7.55	
W14	Quarterly	Standing Water Level	22.8 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W19 (MB21)	Quarterly	Conductivity	5627 $\mu\text{S}/\text{cm}$	The Q3 2016 water monitoring results for W19 bore are inline with historical water quality. There is an increase in the standing water level from previous quarter which was 36.1 m. The pH observed a slight increase from last quarter which was 7.89. The copper concentration remain the same from last quarter which was 0.002 mg/L. Similarly, the conductivity increased from the last quarter which was 5435 $\mu\text{S}/\text{cm}$. These variances is the result of higher than average rainfall over the reporting period.
W19 (MB21)	Quarterly	Copper	0.002 mg/L	
W19 (MB21)	Quarterly	pH	7.95	
W19 (MB21)	Quarterly	Standing Water Level	34.1 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W21 (MB23)	Quarterly	Conductivity	13692.3 µS/cm	The Q3 2016 water monitoring results for W21 bore are inline with historical water quality. There is an increase in the standing water level from previous quarter due to minimal rain fall over the period. There was a decrease in pH, conductivity and electrical conductivity from the last quarter - pH was 11.98, Conductivity 14300 µS/cm: copper concentration remain the same as previous quarter.
W21 (MB23)	Quarterly	Copper	0.006 mg/L	
W21 (MB23)	Quarterly	pH	11.09	
W21 (MB23)	Quarterly	Standing Water Level	12.98 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W23 (MB25)	Quarterly	Conductivity	15145.8 µS/cm	The Q3 2016 water monitoring results for W23 bore are inline with historical water quality, with exception of Conductivity, decreased significantly from last reporting period which recorded a value of 20155 µS/cm. pH and copper concentrations also had a slight increase from the the last quarter - pH was 7.5 and copper concentrations was 0.003 mg/L. The standing water level is inline with long term averages, and was a slight increase in the standing water level which was 27.54 from last reporting period.
W23 (MB25)	Quarterly	Copper	0.005 mg/L	
W23 (MB25)	Quarterly	pH	8.05	
W23 (MB25)	Quarterly	Standing Water Level	26.9 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
W25 (MB27)	Quarterly	Conductivity	1650.7	µS/cm	The Q3 2016 water monitoring results for W25 bore are inline with historical water quality. There was a significant increase in the standing water level from previous quarter which was 3.64 m. The conductivity concentration decreased slightly from the last quarter, conductivity was 1435 µS/cm. The copper and pH concentrations saw a decrease in the concentrations from the last quarter. Copper concentrations recorded 0.005 and pH 8.35.
W25 (MB27)	Quarterly	Copper	0.004	mg/L	
W25 (MB27)	Quarterly	pH	8.18		
W25 (MB27)	Quarterly	Standing Water Level	1.8	m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
W20 (MB22)	Quarterly	Conductivity	15773.1	µS/cm	The Q3 2016 water monitoring results for W20 bore are inline with historical water quality. There was an decrease in conductivity concentrations from previous quarter which was 16940 µS/cm. The copper concentrations remained similar to the previous quarter which recorded 0.001 mg/L. Ph increased slightly from last reporting period which recorded 6.9. There was an increase in the standing water level from previous quarter which was 18.28 m.
W20 (MB22)	Quarterly	Copper	0.001	mg/L	
W20 (MB22)	Quarterly	pH	7.13		
W20 (MB22)	Quarterly	Standing Water Level	17.2	m	