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**Sampled:** 15/12/2015  
**Obtained:** 31/12/2015

**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	13900 $\mu\text{S}/\text{cm}$	The Q4 2015 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 22.68 m. The conductivity and pH concentrations slightly increased from last quarter. There was a increase in copper concentrations from last quarter which was 0.001 mg/L. Conductivity was 13590 $\mu\text{S}/\text{cm}$ and pH was 7.39 in Q3 2015.
W14	Quarterly	Copper	0.018 mg/L	
W14	Quarterly	pH	7.44	
W14	Quarterly	Standing Water Level	22.5 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W19 (MB21)	Quarterly	Conductivity	5970 $\mu\text{S}/\text{cm}$	The Q4 2015 water monitoring results for W19 bore are inline with historical water quality. There is an decrease in the standing water level from previous quarter which was 36.2 m. The pH has increased since last quarter which was 7.76. There was a increase in copper concentration from last quarter which was 0.004 mg/L . The conductivity increased from the last quarter which was 5270 $\mu\text{S}/\text{cm}$ in Q3 2015.
W19 (MB21)	Quarterly	Copper	0.018 mg/L	
W19 (MB21)	Quarterly	pH	7.81	
W19 (MB21)	Quarterly	Standing Water Level	36.1 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W21 (MB23)	Quarterly	Conductivity	14400 µS/cm	The Q4 2015 water monitoring results for W21 bore are inline with historical water quality. There is no change in the standing water level from previous quarter due to minimal rain fall over the period. There was slight increase in conductivity and copper concentration from the last quarter. Conductivity was 13760 µS/cm and copper concentration was 0.003mg/L in Q3 2015. There was minimal decline to pH level from last quarter which was 11.31.
W21 (MB23)	Quarterly	Copper	0.004 mg/L	
W21 (MB23)	Quarterly	pH	11.31	
W21 (MB23)	Quarterly	Standing Water Level	14.2 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W23 (MB25)	Quarterly	Conductivity	15700 µS/cm	The Q4 2015 water monitoring results for W23 bore are inline with historical water quality. There is a slight increase in the standing water level from previous quarter which was 27.80 m. There was a slight increase in conductivity and pH concentrations from the last quarter. Conductivity was 15210 µS/cm, pH 7.69 and Copper 0.01 mg/L in Q3 2015. The copper, pH and conductivity are line with long term averages.
W23 (MB25)	Quarterly	Copper	0.026 mg/L	
W23 (MB25)	Quarterly	pH	7.7	
W23 (MB25)	Quarterly	Standing Water Level	27.6 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W25 (MB27)	Quarterly	Conductivity	1383 $\mu\text{S}/\text{cm}$	The Q4 2015 water monitoring results for W25 bore are inline with historical water quality. There is an increase in the standing water level from previous quarter which was 3.8 m. The conductivity and copper concentration increased slightly from the last quarter. Conductivity was 1332 $\mu\text{S}/\text{cm}$ and copper concentration 0.004 mg/L in Q3 2015.
W25 (MB27)	Quarterly	Copper	0.006 mg/L	
W25 (MB27)	Quarterly	pH	8.9	
W25 (MB27)	Quarterly	Standing Water Level	3.5 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W20 (MB22)	Quarterly	Conductivity	17200 $\mu\text{S}/\text{cm}$	The Q4 2015 water monitoring results for W20 bore are inline with historical water quality. There is a slight increase in the standing water level from previous quarter which was 18.45 m. Conductivity increased from last quarter which was 16540 $\mu\text{S}/\text{cm}$ . There was no change in copper concentration from the previous quarter at 0.008 mg/L.
W20 (MB22)	Quarterly	Copper	0.008 mg/L	
W20 (MB22)	Quarterly	pH	7.75	
W20 (MB22)	Quarterly	Standing Water Level	18.17 m	