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Sampled: 16/09/2015
Obtained: 28/09/2015

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	13590 $\mu\text{S}/\text{cm}$	The Q3 2015 water monitoring results for W14 bore are inline with historical water quality. There is minimal change in the standing water level from previous quarter which was 23.51 m. The conductivity and pH concentrations slightly increased from last quarter. There was a decrease in copper concentrations from last quarter which was 0.004 mg/L. Conductivity was 12400 $\mu\text{S}/\text{cm}$ and pH was 6.55 in Q2 2015.
W14	Quarterly	Copper	0.001 mg/L	
W14	Quarterly	pH	7.39	
W14	Quarterly	Standing Water Level	22.68 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W19 (MB21)	Quarterly	Conductivity	5270 $\mu\text{S}/\text{cm}$	The Q3 2015 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 37.1m. The pH has increased since last quarter which was 6.72. There was a decrease in copper concentration from last quarter which was 0.015 mg/L . The conductivity decreased from the last quarter which was 5500 $\mu\text{S}/\text{cm}$ in Q2 2015.
W19 (MB21)	Quarterly	Copper	0.004 mg/L	
W19 (MB21)	Quarterly	pH	7.76	
W19 (MB21)	Quarterly	Standing Water Level	36.2 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W21 (MB23)	Quarterly	Conductivity	13760 µS/cm	The Q3 2015 water monitoring results for W21 bore are inline with historical water quality. There is a slight decrease in the standing water level from previous quarter which was 14.38 m due to minimal rain fall over the period. There was slight increase in conductivity and pH from the last quarter. Conductivity was 11590 µS/cm and pH was 11.17 in Q2 2015. There was minimal changes to copper concentration from last quarter which was 0.003 mg/L.
W21 (MB23)	Quarterly	Copper	0.003 mg/L	
W21 (MB23)	Quarterly	pH	11.32	
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	15210 µS/cm	The Q3 2015 water monitoring results for W23 bore are inline with historical water quality. There is a slight decrease in the standing water level from previous quarter which was 28.57 m. There was a slight increase in conductivity and pH concentrations from the last quarter. Conductivity was 12730 µS/cm, pH 7.34 and Copper 0.006 mg/L in Q2 2015. The copper, pH and conductivity are line with long term averages.
W23 (MB25)	Quarterly	Copper	0.01 mg/L	
W23 (MB25)	Quarterly	pH	7.69	
W23 (MB25)	Quarterly	Standing Water Level	27.8 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W25 (MB27)	Quarterly	Conductivity	1332 $\mu\text{S}/\text{cm}$	The Q3 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 4.84 m. The copper concentration decreased significantly from the last quarter. Copper was 0.013 in Q2 2015. There was increase in conductivity and pH which was 1270 $\mu\text{S}/\text{cm}$ and 6.98 due to higher infiltration rates compared with Q2 2015 results.
W25 (MB27)	Quarterly	Copper	0.004 mg/L	
W25 (MB27)	Quarterly	pH	8	
W25 (MB27)	Quarterly	Standing Water Level	3.8 m	

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Sampling point	Monitoring Frequency	Pollutant	Measurement Unit	Comments
W20 (MB22)	Quarterly	Conductivity	16540 $\mu\text{S}/\text{cm}$	The Q3 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 19.42 m. Conductivity increased from last quarter which was 14350 $\mu\text{S}/\text{cm}$. The pH was inline with historical long term averages. The copper concentrations decreased from last quarter which was 0.008 mg/L.
W20 (MB22)	Quarterly	Copper	0.001 mg/L	
W20 (MB22)	Quarterly	pH	6.93	
W20 (MB22)	Quarterly	Standing Water Level	18.45 m	