

Northparkes Mines
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PO Box 995 Parkes NSW 2870 Australia
T +61 (0) 2 6861 3533
ABN 17 164 997 317
www.northparkes.com

CMOC



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Licensee: CMOC Mining Pty Ltd
Sumitomo Metal Mining Oceania P/L
SC Mineral Resources Pty Ltd

Quarter 1 2022

EPL No.: 4784

EPA Identification no.	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
1 (W14)	Quarterly	Conductivity Copper pH Standing Water Level	- - - -	µS/cm mg/L m	Pollution monitoring of W14 was not able to be undertaken during the reporting period as a result of a regulatory imposed exclusion area, following concerns with TSF2. The EPA have been regularly consulted on the issue, including the restricted access to the monitoring locations, and have been advised that monitoring will recommence following the removal of the exclusion area.
2 (W19)	Quarterly	Conductivity Copper pH Standing Water Level	6,423 0.006 7.66 251.71	µS/cm mg/L m	The Q1 2022 water monitoring results for W19 bore are in line with historical water quality results. Since the previous monitoring period, and unless stated, results remain within internal trigger values: - Conductivity increased 629 µS/cm (previously 5,794 µS/cm). - Copper concentration increased 0.004 previously 0.002 mg/L. - pH increased 0.05 (previously 7.61). - Relative standing water level decreased 0.140 m (previously 251.85 m). These minor variances are typically the result of natural groundwater migrations and are comparable with previous reporting periods.

EPA Identification no.	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
3 (W21)	Quarterly	Conductivity Copper pH	26,215 0.002 7.47	µS/cm mg/L	The Q1 2022 water monitoring results for W21 bore are largely in line with historical water quality results. Since the previous monitoring period, and unless stated, results remain within internal trigger values: - Conductivity increased by 5,398 µS/cm (previously 20,817), remaining slightly above the Stage 2 trigger value. - Copper concentration decreased by 0.015 mg/L (previously 0.017). - pH increased by 0.46 (previously 7.01) and below the Stage 2 trigger level. - Relative standing water level increased 0.19 m (previously 268.32)
		Standing Water Level	268.51	m	Results are stabilising following the implementation of a low flow sampling methodology and will continue to be monitored during the 2022 reporting period with actions reassessed if ongoing instability occurs. All other minor variances are typically the result of natural groundwater migrations and are comparable with previous reporting periods.
4 (W23)	Quarterly	Conductivity Copper pH	- - -	µS/cm mg/L	Pollution monitoring of W23 was not able to be undertaken during the reporting period as a result of a regulatory imposed exclusion area, following concerns with TSF2. The EPA have been regularly consulted on the issue, including the restricted access to the monitoring locations, and have been advised that monitoring will recommence following the removal of the exclusion area.
		Standing Water Level	-	m	

EPA Identification no.	Monitoring Frequency	Pollutant	Measurement	Unit	Comments
5 (W25)	Quarterly	Conductivity Copper pH	2,420 0.018 7.07	µS/cm mg/L	The Q1 2022 water monitoring results for W25 bore are largely in line with historical water quality results. Since the previous monitoring period, and unless stated, results remain within internal trigger values: - Conductivity decreased 276 µS/cm (previously 2,144 µS/cm). - Copper concentration decreased by 0.033 mg/L (previously 0.051 mg/L) and is back below the Stage 2 trigger level of 0.03 mg/L. - pH decreased 0.68 (previously 7.75). - Relative standing water level increased 0.06 m (previously 284.31 m). These minor variances are typically the result of natural groundwater migrations and are comparable with previous reporting periods.
		Standing Water Level	284.37	m	
6 (W20)	Quarterly	Conductivity Copper pH	12,303 0.022 6.81	µS/cm mg/L	The Q1 2022 water monitoring results for W20 bore are in line with historical water quality results. Since the previous monitoring period, and unless stated, results remain within internal trigger values: - Conductivity increased by 252 µS/cm (previously 12,051 µS/cm). - Copper concentration increased 0.004 mg/L (previously .018 mg/L). - pH increased 0.27 (previously 7.08). - Relative standing water level slightly decreased 0.24 m (previously 266.92m). These minor variances are typically the result of natural groundwater migrations and are comparable with previous reporting periods.
		Standing Water Level	267.16	m	