

KNOWING JAGUAR’S DAMS

MOITA DAM

CCA COMPLEX

MINE SITE: ROCA GRANDE

LOCATION: CAETÉ, MG, BRAZIL

DAM HEIGHT: 19M

CAPACITY: 366.181 M³

DAM LENGTH: 388 M

CONSTRUCTIVE METHOD: DOWNSTREAM, NO RAISE


YEAR OF THE CONSTRUCTION: 2009

DAILY, BIWEEKLY AND SEMI-ANNUAL MONITORING



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MINING INC.
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7% of tailings stored in the dam

Drainage system: ditches surrounding the reservoir collect the upstream rainwater and discharge downstream

Reservoir lined with HDPE membrane

RG2W DAM

CCA COMPLEX

MINE SITE: ROCA GRANDE

LOCATION: CAETÉ, MG, BRAZIL

DAM HEIGHT: 11M

OPEN PIT DEEPNESS: 50M

CAPACITY: 652.531 M³

DAM LENGTH: 186 M

CONSTRUCTIVE METHOD: UPSTREAM RAISE ON 2013

YEAR OF THE CONSTRUCTION: 2010

DAILY, BIWEEKLY AND SEMI-ANNUAL MONITORING



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66% of the tailing store in pit

The license for the upstream raise was applied but not granted by official agency. Additional volume never used



Periodic removing of the tailings from the facility to dry stack pile

TURMALINA DAM

MTL COMPLEX

MINE SITE: TURMALINA

LOCATION: CONCEIÇÃO DO PARÁ, MG, BRAZIL

DAM HEIGHT: 17M


CAPACITY: 790.682,7 M³

DAM LENGTH: 198 M


CONSTRUCTIVE METHOD: DOWNSTREAM, NO RAISE


YEAR OF THE CONSTRUCTION: 2009

DAILY, BIWEEKLY AND SEMI-ANNUAL MONITORING



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97%

MTL's tailings are filtered and stored at dry stack pile

Drainage system: ditches surrounding the reservoir collect the upstream rainwater and discharge downstream

Reservoir lined with HDPE membrane

PACIÊNCIA DAM

CPA COMPLEX

MINE SITE: SANTA ISABEL

LOCATION: ITABIRITO, MG, BRAZIL

DAM HEIGHT: 34M

CAPACITY: 1.700.000 M³

DAM LENGTH: 263 M

CONSTRUCTIVE METHOD: DOWNSTREAM, NO RAISE

YEAR OF THE CONSTRUCTION: 2007/2008

MINE IN CARE AND MAINTENANCE SINCE 2012



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Drainage system: ditches surrounding the reservoir collect the upstream rainwater and discharge downstream



Water in the reservoir under legal quality limits for discharge in environment

Reservoir lined with HDPE membrane