

MOSS BUSINESS CASE SUMMARY

OPTIMIZED DEVELOPMENT OPERATIONS

WHAT IS MOSS?

The Miner Operated Survey System (MOSS) is a underground operations software that allows miners to advance the face independently. MOSS provides miners, engineers, and geologists with real-time information regarding compliance to desian.

OPPORTUNITY SAVINGS

In ground support materials and maintenance parts **alone**, MOSS can save the average operating mine approximately \$536,000 and the average developing mine \$1,331,000 annually.

SURVEY CYCLE COMPARISON

Wall-Bar Survey Cycle

MOSS Survey Cycle



45 min/round

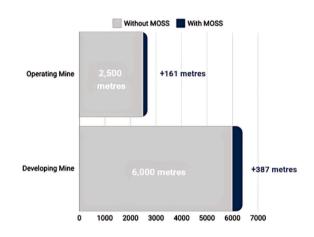


10 min/round

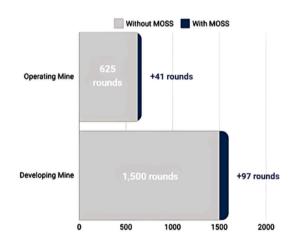
On average, MOSS reduces a 24 hour development cycle by 2 hours per round.

OPERATIONAL IMPACT OF MOSS -DEVELOPMENT RATE INCREASE

Annual Metres



Annual Rounds



*Please see full Business Case for all assumptions and calculation breakdowns.

SAVE MONEY, SAVE TIME, SAVE LIVES.

Reduction in cycle time. Lowers risk of injuries and fatalities, and increases development

Time reduction in mark-up related surveying. Surveyors can be leveraged for more critical tasks

Average overbreak experienced by MOSS users

✓ info@nsscanada.com



L 705-222-3246