RED 5: DARLOT



CALCULATING THE COST OF BLAST-HOLE DEVIATION AT YOUR SITE.

Minnovare's Production Optimiser technology addresses the primary causes of blast-hole deviation - a leading cause of lost recovery, dilution and lost drilling productivity. Check out the calculations below to see just how much impact it could have at your operation.

INCREASE YOUR RECOVERY

WHAT DOES 1% MEAN TO YOUR OPERATION?

Underground production guidance: 98,000 oz/year Let's aim for an additional: 1% recovery

At today's gold price: \$2,250 /oz

That's worth:

WHAT ABOUT DILUTION? >>

REDUCE YOUR DILUTION:

WHAT DOES A 10% REDUCTION IN WASTE **TONNES EQUATE TO?**

Estimated total ore mined (annual): 624,792 tonnes

Estimated dilution: 30%

Haulage & processing cost: \$50 /tonne

That's a cost of dilution of: \$9,371,880

Lets aim for: 20% dilution

That's worth: /year saving

INCREASE YOUR PRODUCTIVITY:

WHAT WOULD A 15% INCREASE IN DRILLED METERS DO FOR STOPE TURNOVER?

Underground production guidance: 98,000 oz/year

At today's gold price: /oz \$2,250

Estimate % of drilling attributed to re-work: 5%

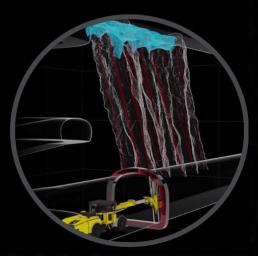
Ore body/primary drilling pattern: Narrow Vein

On the assumption that we can increase your drilling productivity by 15%

Additional oz year: oz/year

That's worth: /year

<< WHAT ABOUT PRODUCTIVITY?



ESTIMATED TOTAL BENEFIT OF IMPLEMENTING THE PRODUCTION OPTIMISER AT DARLOT

\$2,205,000 **INCREASED RECOVERY:**

REDUCED COST OF DILUTION: \$3,123,960

INCREASED PRODUCTIVITY: \$1,653,750

TOTAL BENEFIT:

*ESTIMATED





,982,710





www.minnovare.com/calculator

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