

ROAD BADGER TM

EnCana Quantities Survey Estimate of

Environmental Credits

Re: Non-Renewable Resources
GGE (CO₂e) Reduction

Amount of road worked by Road Badger	117 kms /or 117,000 m
Average road width	4 m
Average gravel thickness required	0.15 m
Total estimated gravel required to resurface conventionally	70,200 m ³
185 tonnes per 100 m ³ = 129870 tonnes	
*Total gravel savings using the Road Badger	70,200 m³
Average load/gravel truck	13 m ³
Total number of gravel truck loads	5,400
Average round trip/truck	7 hrs
Total hours	37,800 hrs
Average fuel/hr/truck	10 gallons
*Total fuel savings	378,000 gallons/or 1,430,730 litres
Price per liter	\$0.65 to \$0.70
*Greenhouse Gas Emission Reduction @ 2.8 Kg CO ₂ e per Litre of Diesel fuel = (Environment Canada Report April 2001)	4,006,044 Kg



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