

COMPARING CANADIAN MALARTIC & AJAX OPEN PIT MINES

(up-dated April 2016)

	MALARTIC (QC, CANADA) (when permitted in 2009, began operation 2011)	AJAX (BC, CANADA) (ongoing EA)
Site - Size - Daily Production - Total Footprint Area - Duration - Height - Predominant Wind - Distance People - Total Population	510 Mt 120 000 t/d <10km ² 10 years Same level as city Away from the city 0.3-2.5km 3,200	1556 Mt 237 000 t/d 25km ² 18 years Above the city 600m Towards the city 1.6-15km 90,000
Financial Feasibility: - Overall Quality - After Tax IRR: - Payback Period: - Ore - Market Price Used: - Current Market Value: - Spent or budgeted for relocation & compensation	Good / Low Risk 25.0% 3 years Low grade gold \$775/oz gold \$1290/oz gold Over \$100 million to date	Poor / High Risk 11.1% ¹ 6.7 years ¹ Low grade Cu-gold \$3.21/lb copper \$2.24/lb copper Not budgeted, no capacity
Impacts during operations (non-exhaustive)	<ul style="list-style-type: none"> - Over 171 env. infractions & 2000 non-compliances - 10% decrease in population - Businesses closing downtown - 1/3 population want to relocate - 1/3 population affected (A) or highly affected (HA) - Noise: 15-26% affected 0.7-2.5km - Ground Tremors: 17-41% affected 0.7-2.5km - Dust: 27-48% affected 0.7-2.5km - Cannot recruit new doctors 	???
Impacts after closure	<ul style="list-style-type: none"> - No more mine related jobs - Open pit taking 25-50 years to flood with water - Mine tailings and wastes left behind in perpetuity - Site and water quality monitoring in perpetuity 	???

Sources: Canadian Malartic Mine Feasibility Study 2009 (when permitted); AJAX Revised Feasibility Study 2016; Abitibi Regional Public Authority Report 2015; Ministry of Environment MDDELCC 2015; Comite Citoyens Zone Sud Voie Ferrée 2016; MiningWatch Canada 2016.
Note 1: assuming overoptimistic copper prices, including long term copper price at \$3.21/lb (about 50% above current prices).