

FIELD STUDY COMPARISON OF ABRASION RESISTANT STEELS

These trials were run at the **Sabinas Polymetallic Mine (Penoles Group)** in Zacatecas Mexico during a 2 year period.

The materials mined are **Zinc, Lead, Silver, Copper and Gold.**

The costs shown below are average prices for finished bucket lips, and are equalized for the purpose of this study.

By: David Ruiz

MATERIAL	DURATION IN HOUR	*COST USD	TONS PROCESSED	COST/TON USD	COMPARATIVE DURATION	TONS PER HOUR	MINE STOPPAGES PER CHANGE OUT
ASTRALLOY 8000	1491	\$1,568	67095	0.0234	1.85	45	2
Competitor PRODUCT A	1100	\$1,764	49500	0.0356	2.82	45	3
ASTRALLOY "V"	3100	\$1,764	139500	0.0126	1	45	1
Competitor PRODUCT B	1178	\$1,764	53010	0.0333	2.63	45	3
Competitor PRODUCT C	1197	\$1,764	53865	0.0327	2.59	45	3

