

the vein is not above, but in the sides of the stream, which are now carefully examined.

MISTAKES MADE.

Nine-tenths of the lodes which yield rich specimens do not pay for milling. The greatest mistake made by quartz miners is that of erecting a mill before the vein has been well opened and its capacity to yield a large supply of good rock established. It is better to pay for development and pile up the quartz than to prematurely pay for machinery and pile up the assessments. The latter is a suicidal course and too often pursued by incorporated companies.

Custom quartz mill owners will as surely follow in the wake of developed mines and contract for the manipulation of accumulated ore as does the heathen chinese with a portable sawmill on his back follow a load of cordwood through the streets to its destination having a manipulating contract in view.

THE FIRST QUARTZ MINING

in California was by Mexicans in 1849-50, they introduced the *arastra* (man or Mule power), and by carefully assorting the ores containing fine gold from the surface, obtained by this slow method very satisfactory results.

The next epoch will be the quartz age. The new "Ophir" will be found in the mountains—the gold in its matrix quartz. This will be the future field for enterprise, labor and capital—the great, grand and glorious future for British Columbia. Already the vanguard is in the field. Already the cry of "quartz," and rumors of quartz fills the air, and soon the ringing bang of quartz crushing stamps will reverberate from the valleys, gulches and river sides, and the stability of an enduring industry established in the pro