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Subject: Aurora mine - "bottoming" of ore zones

Recent drilling has indicted the depth to which ore grades may extend in various parts of the Humboldt vein.

The bottom is approached where a continuous Au zone across and along the whole quartz vein at one level begins to finger downdip, both strikewise and widthwise, with high grade lenses and average grades occupying less of the quartz vein, until mineable values disappear, apart from isolated pods, leaving barren quartz. Ag values seem to extend a little deeper than Au. Even the strong vein itself begins to fail when followed deeper. The transition from continuous values to the bottom of finger zone takes place over about 150 ft of height.

Sections 1800 & 1850 are good examples. Mill feed grades on level 7150 decrease to spotty values at 7050, and completely disappear at 7000. On section 1400, the same trend occurs 100 ft deeper. It seems that the bottom of mineable values deepens eastward from:

- about level 7200 at the western end, section 2400;
- to about level 7100 in sections 2100-1800;
- to about level 7000 in sections 1700-1400;
- to about level 6900 in sections 1300-1000; and
- possibly - hopefully - to level 6700 at the eastern end, sections 200W to 100E.

When kriging values in areas where no low grade borehole defines the bottom, we must be careful not to extrapolate good values downwards too far across a rapid transition to barren quartz !