

671845

SOUTHEAST BIG HORN

ELEV 3800'

104M/9W

59° 30 1/2" N 134° 26' W

LOCATION SOUTHEAST OF BIG HORN CR, EAST OF CHICKEN CREEK.

SUMMARY A 10' ADIT HAS BEEN DRIVEN INTO AN IRREGULAR QUARTZ LENS. QUARTZ IS MAINLY WHITE AND GLASSY WITH MINOR PYRITE MINERALIZATION.

GNEISSIC TO SHISTOSE SEDIMENTS AS BIOTITE GNEISS OR SLT SCHIST TREND 340° AND DIP ABOUT 65° E. BIOTITE CONTRIBUTES SOME RUST TO THE AREA BUT NON MAGNETIC TO SLIGHTLY MAGNETIC PARRHOTITE IS COMMON IN SOME GNEISS BANDS. STRONG RUST IS DEVELOPED LOCALLY.

SMALL BOUDIN LIKE LENSES OF GLASSY QUARTZ OCCUR ALONG SOME PREFERENTIAL LAYERS. IN THE GNEISS. THESE RANGE GENERALLY FROM 6" x 16" TO THAT IN THE ADIT 6' x 6'? A 12" QUARTZ VEIN CROSSES THE CREEK BELOW THE ADIT ADIT TRENDS 90°

CHIP SAMPLES OF WHITE QUARTZ WITH MINOR PYRITE WAS TAKEN