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District Belle Helen

Location Nye County, Kawich Range

Au/Ag ratio 1/40

Chief ore minerals silver haloids, gold, pyrite, octahedrite  
silver, lead and copper sulfides.

Rare or unusual minerals Vanadium reported in ore

Gangue minerals quartz

Host rock silicic ash-flow tuff, rhyolite intrusives  
Alteration silification, argillitic, propylitic, phyllitic

Mineralization age < 26.4 m.y.

Vertical range Au-Ag ore > 120 m

Production ~ 9300 Kg, Ag Minor copper and lead  
~ 230 Kg, Au production

Deposit type vein, sheeted zones

Selected references Kleinhampl, F.J. and Ziony, J.I., 1982, Geology and mineral deposits of northern Nye County, Nevada: Nevada Bureau of Mines and Geology Bulletin, parts A and B. Gardner, J.N. and others, 1980, Reconnaissance geologic map of the northern Kawich and southern

Comments Reveille ranges, Nye County, Nevada: Los Alamos Scientific Laboratory Map LA-8390

Veins crustified, ore reported <sup>1</sup> contains abundant sulfides below 75 meters. Veins related to Belle Helen lineament, and occur in intracauldron tuff and in ring rhyolites.

Silver Gold Lead Copper