

22 10 004

NEVADA
HUMBOLDT COUNTY

HARMONY DISTRICT

Located in Harmony Canyon, in the north end of the Sonoma Range 5 miles southeast of Winnemucca. First locations go back to 1863; no record of any production to speak of. Only actual production has been $3\frac{1}{2}$ carloads of copper ore carrying gold and silver values, averaging \$24 per ton, by WOLVERINE COPPER COMPANY in 1915.

WOLVERINE-RED ROSE GROUP consists of six unpatented claims. six adits and two shafts total 2000 feet. Main shaft is 245 feet deep, inclined at 52 degrees with levels at 100 and 200 levels. Most of work done by NEVADA HARMONY MINES CO., in 1918. This company defunct in 1929. Large flows of water hampered development work.

Main shaft workings are in limestone and shale. Adits on Red Rose claim, south of the shaft are in rhyolite and quartzite. Oxidized and sulphide copper minerals with associated gold and silver occur in a series of at least three veins from 4 to 7 feet wide with a general north-south strike, and dipping from 50 to 80 east. Gangue is mainly quartz, calcite and country rock.