

2510 0005

UNITED STATES BUREAU OF MINES

(132) H-6.
Item 5PRELIMINARY EXAMINATION REPORTState Nevada County Humboldt Mineral Products Lead-ZincName of property Red Dog Lead-Zinc ProspectOwner Fred Hummel Address Jungo, NevadaLessee or
Operator C. H. Whinery Address Inlay, NevadaLocation 2 unpatented lode claims, east flank of the Jackson Mts. T. 39 N., R. 31 E.,
25 miles north of Jungo, Nevada. near Bottle Creek Dist

Sampling: Cut across NE face at bottom of 23' shaft.

Grab 10 tons sorted ore on dump of 23' shaft.

History and production Early production from the mine is reported to be two railroad car lots of comparatively low grade ore.

Type Deposit (Geology) Predominate rock in the area is a thick sequence of brown weathering limestone, strike NS. and dips 20° E. Vicinity of mine workings, sediments have been locally folded and broken by a fracture system striking N. 30 to 40 E. and dipping cross fracture system striking N. 70° W. As disclosed in accessible mine workings irregular ore sections have developed at intersections of fracture systems. Ore sections are usually small irregular pods or lenses 8 to 10 feet wide, 10 to 15 ft. long and 1 ½ to 3 feet thick. In the 23 foot shaft a mineralized wedge shape section raking 10 to 12 ~~degrees NE.~~ degrees NE. is being developed between a N. 40° E. fracture dipping 40 NW. ~~and a N. 20° E. fracture dipping 65° SE.~~ Limestone in this area has been highly altered, silicified and partially replaced by lead-zinc sulfides. In a shallow adit 200 feet east of the shaft, and 125 feet lower in elevation, a small ore section, 12 to 18 inches, is followed for a distance of 50 feet and by a winze to a depth of 40 feet and follows a well defined NE fracture dipping 37° NW. Fracture filling is largely quartz carrying varying amounts of lead and zinc in a porous limonite gangue. A 250 foot cross adit, 100 feet lower than middle adit did not encounter ore.

Mine Workings: Surface cuts, 23' ft. winze, three adits, total development about 500 feet.