

LANDER
Lander County 4560 0001

WO₃ 162
Tungsten Trioxide Item 1

Conquest and Linka Tungsten Properties Smoky Valley

These adjoining properties are situated about $9\frac{1}{2}$ miles southeast of the U.S. 50 and Nevada 8A highway junction. They are about 4 miles northly of the Potts Road and about $2\frac{1}{2}$ miles N.E. of a hot spring.

The properties were visited on June 17, 1951, at which time G. G. Peer was making daily shipments of about 20 tons to the U. S. Vanadium plant near Bishop. Mining was being done by open cut with a small power shovel.

The scheelite on the Conquest occurs on a granite-limestone contact which is extremely irregular and has been severly faulted in this area. A rhyolitic intrusive is also associated with the ore here. As the mine is situated on the lower slope of low hills, the overburden is deep, therefore, much prospecting of the contact zone is yet to be done, but will be difficult. The Conquest ore is relatively soft and was being mined from within 20 feet of the surface.

The Linka property adjoins the Conquest on the S.W. and is on the same contact. Two shallow shafts have been sunk here and mining has been done in a sort of glory hole-openstope manner. The contact here appears to be more regular and the previous mining indicates a width of 20 or 30 feet which, if the scheelite content justifies, may be mined by an open cut from the N.E. Some powellite and much hyalite is found associated with the ore and, therefore, partially masks the true U. V. fluorescence, however, it appeared that the scheelite content could very well be enough to make the deposit a worthwhile operation at present prices. As the U. V. results are masked, it is of utmost importance, that careful sampling be done before any conclusions are reached on this deposit.

At the time of writing (August 1951), the Linka property was optioned to H. B. Chessler of Reno. The owner is S. H. Linka, who now resides in Lodi, California.

Shipments made during World War II to Metals Reserve Corporation are summarized as follows on a tabulation made by H. B. Chessler.

<u>Shipper</u>	<u>Tons</u>	<u>Product % WO_3 x Tons</u>
S. H. Linka	1481.62	1057.99
Peer & Peacock	592.82	415.88
Dave Eason	599.05	456.85
Total	2673.49	

Weight Average.....0.722% WO_3

Victor E. Kral 8/11/51