4090 0004

should be file

337

Item 4

TUNGSTEN QUEEN PROPERTY
SACRAMENTO MINING DISTRICT
WHITE PINE COUNTY, NEVADA

The Tungsten Queen property is located at Sacramento Pass on the west flank of the Snake Range in portions of Sections 7, 17, 18, 19, and 20, Township 15 West, Range 68 North, eastern White Pine County, Nevada. The claims involved are located on a low, pinon-covered ridge immediately south of U. S. Highway 50, and is easily accessible. The property is presently under the control of Mr. K. L. Switzer, 609 West Ojai Avenue, Ojai, California, who submitted the area to General Electric for consideration for its tungsten potential. The property was examined in the field on June 22, 1976.

SHOULD BE T15N R68E

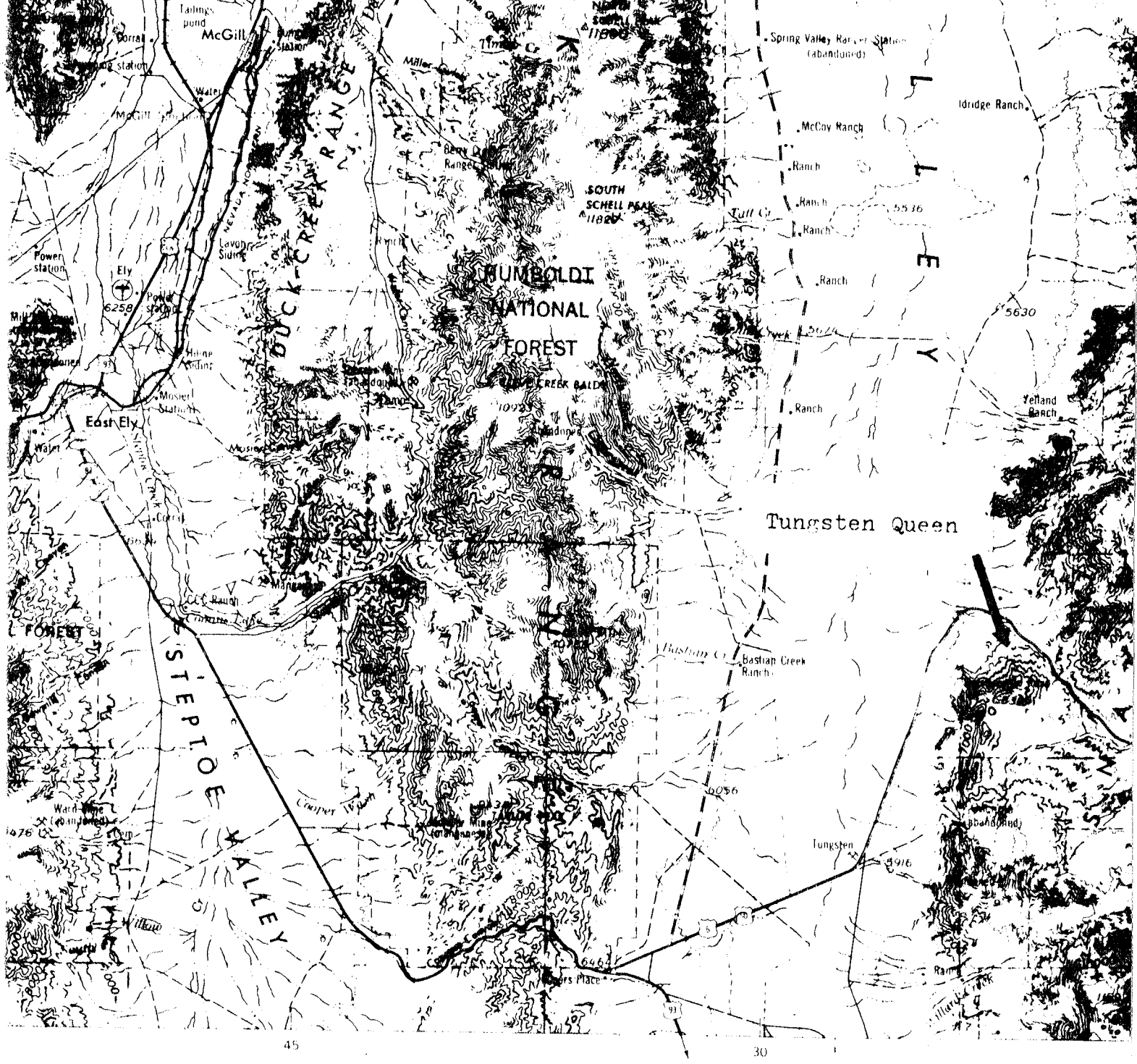
The Sacramento Pass area, now included in the Tungsten Queen claims, has a recorded production of some 86 tons of 1% WO_3 during 1941-42. Numerous old shafts and dumps on the property attest that more than this amount must have been produced but escaped official notice. Phelps Dodge optioned the claims in 1975 and did limited mapping, sampling and drilled three diamond drill holes. Although Mr. Switzer represents that P.D. was interested in both the gold and tungsten potential of the property, other authority has it that gold was their only interest. As can be seen in the attached drill information, P.D. found no significant values in either gold or tungsten--or anything else.

Mining activity on the Tungsten Queen claims has essentially been confined to the western flank of a low, north-east trending limestone ridge centered within the claim group. The limestones strike northeast, dip 25°-30° southwest, are massive, tan to grey in color, and show silicification along several bedding horizons. Pods of crystalline white calcite occur as lenses along bedding irregularly throughout the exposed section. Oxidized copper and lead minerals can be seen associated with some of the veins, and scheelite occurs both in the calcite veins and silicified zones in limestone near the veins. In the accessible underground workings, old stopes can be seen to have followed tungsten-bearing zones for about 100 feet down dip and for a few tens of feet along strike. The scheelite occurs in small, erratic pods, suitable only to small-scale, hand mining methods. The area has only limited tungsten potential, and would never support a company operation.

Phelps Dodge apparently became excited over the potential of the property for a large-scale gold operation. It is speculated that they interpreted the geochemical presence of gold, silver, tungsten, and copper in veins in the outcrop as being a halo, indicating the presence of a Carlin-type gold deposit in more favorable host rock below surface. Their drilling results indicated that the exposed limestone section rests, probably in fault contact, upon a shale sequence, not the favorable condition that they had hoped for.

This property has only limited potential as a tungsten producer, and deserves no further attention by General Electric.

Joseph V. Tingley
Winnemucca, Nevada
August 27, 1976



Kilometers

15 Nautical Miles

ERVALS

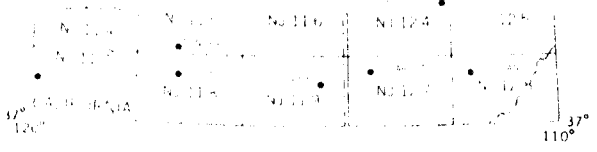
OF THE WEST
C WESTERN

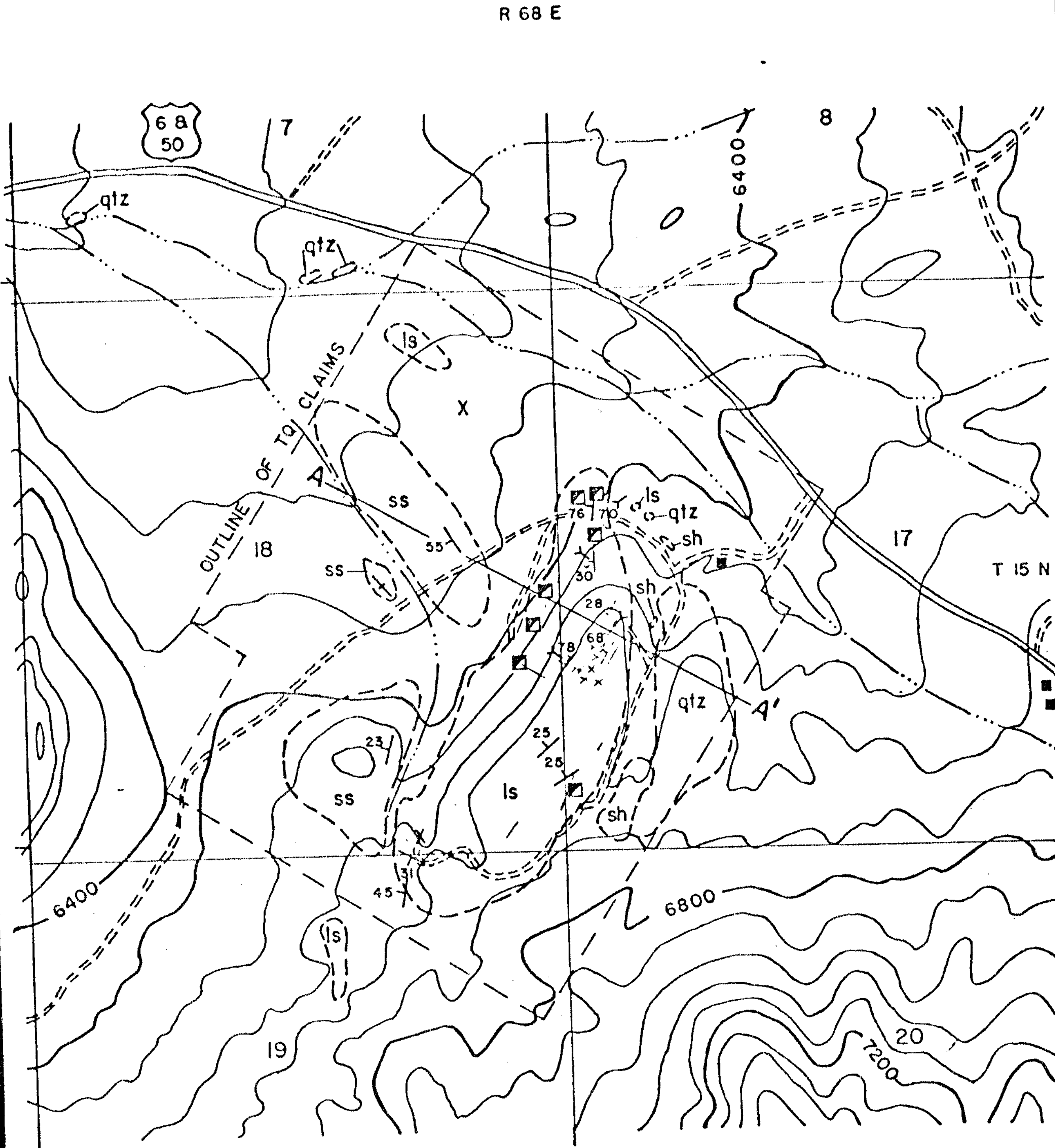
WASHINGTON, D. C. 20242

LOCATION MAP

Tungsten Queen Area

White Pine County, Nevada





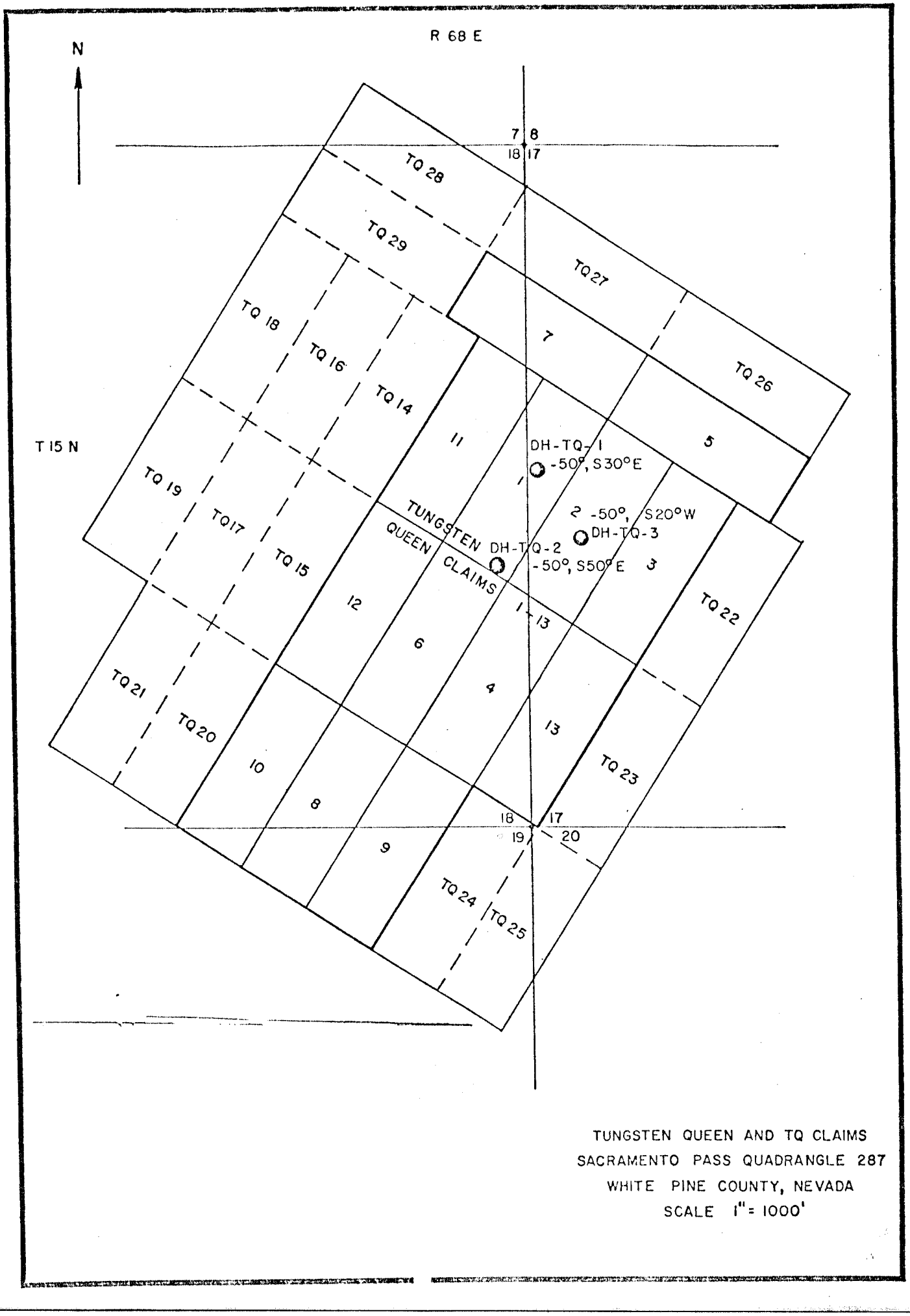
	Alluvium
ss	Siltstone
ls	Limestone
sh	Shale
qtz	Quartzite

30 Vein (Au & W)

x x x Stockwork

—— Vein (W)

GEOLOGY MAP
TUNGSTEN QUEEN AREA
WHITE PINE COUNTY, NEVADA
SCALE 1"=APPROX. 1500'
CONTOUR INTERVAL 80'



TUNGSTEN QUEEN AND TQ CLAIMS
SACRAMENTO PASS QUADRANGLE 287
WHITE PINE COUNTY, NEVADA
SCALE 1" = 1000'