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ITEM 17

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Gold - 107

**Carroll G. Barndberry & Associates**ENGINEERS-CONSULTANTS
LOS ALTOS, CALIFORNIA

BY: CCM

W.O.:

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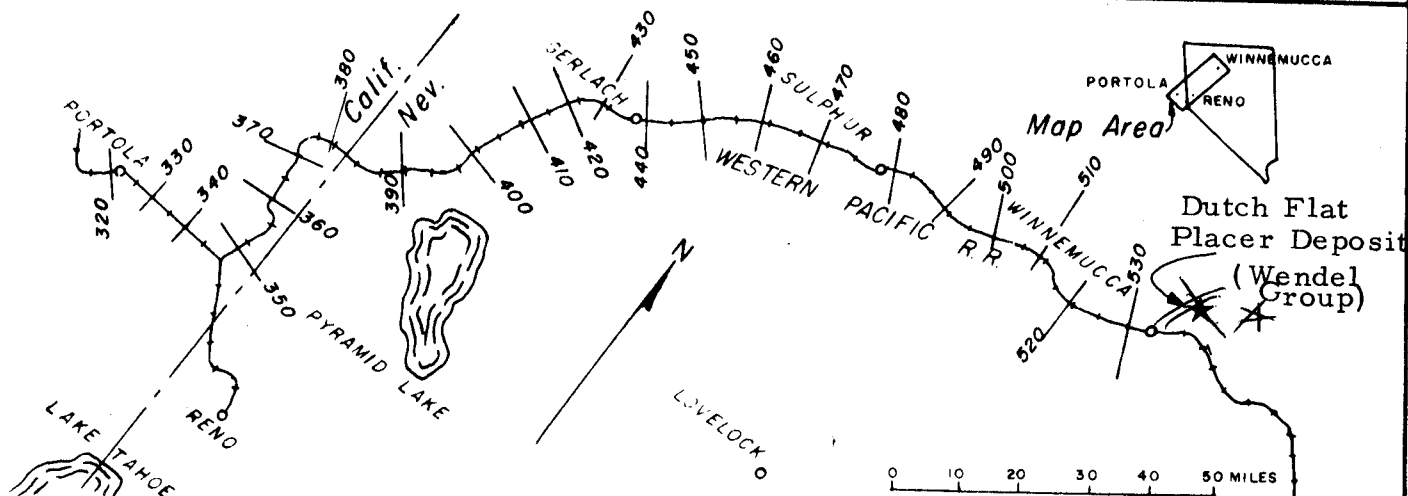
MINERAL: Gold
(Placer)

DATE: 7-27-64

MINERAL DEPOSIT ALONG WESTERN PACIFIC RAILROAD
PORTOLA TO WINNEMUCCA

PROPERTY NAME:

Wendel Group

**LOCATION:** Humboldt County, Nevada

1/4 OF 1/4 OF SEC 17 & 18 TWP 38N RGE 40E

DISTRICT: Dutch Flat**MILEPOST:****POTENTIAL:**☐ LARGE☐ IMMEDIATE☐ MEDIUM☐ NEAR FUTURE☐ SMALL☐ DISTANT FUTURE☒ UNKNOWN

DESCRIPTION: Placer gold discovered in area by F. G. Wendel in 1893; cinnabar was probably noted in early placer operations. Scheelite (Ca WO_4) is also recoverable. Two types of placers: stream deposits containing water-transported material and slope-wash deposits containing material weathered from rocks in the immediate vicinity. Slope-wash deposits include stream terrace material apparently.

(over)

RESERVES: Production valued at \$200,000.00 of which about \$75,000.00 was obtained during the first year of operation. Tests have shown an average of \$1.50/cu. yard in combined gold, mercury, and tungsten (at prices of Aug. 1954) and about 3,240,000 yards of gravel.

ACCESS: 11 miles south by unimproved road to Egton Siding on the Western Pacific Railroad.

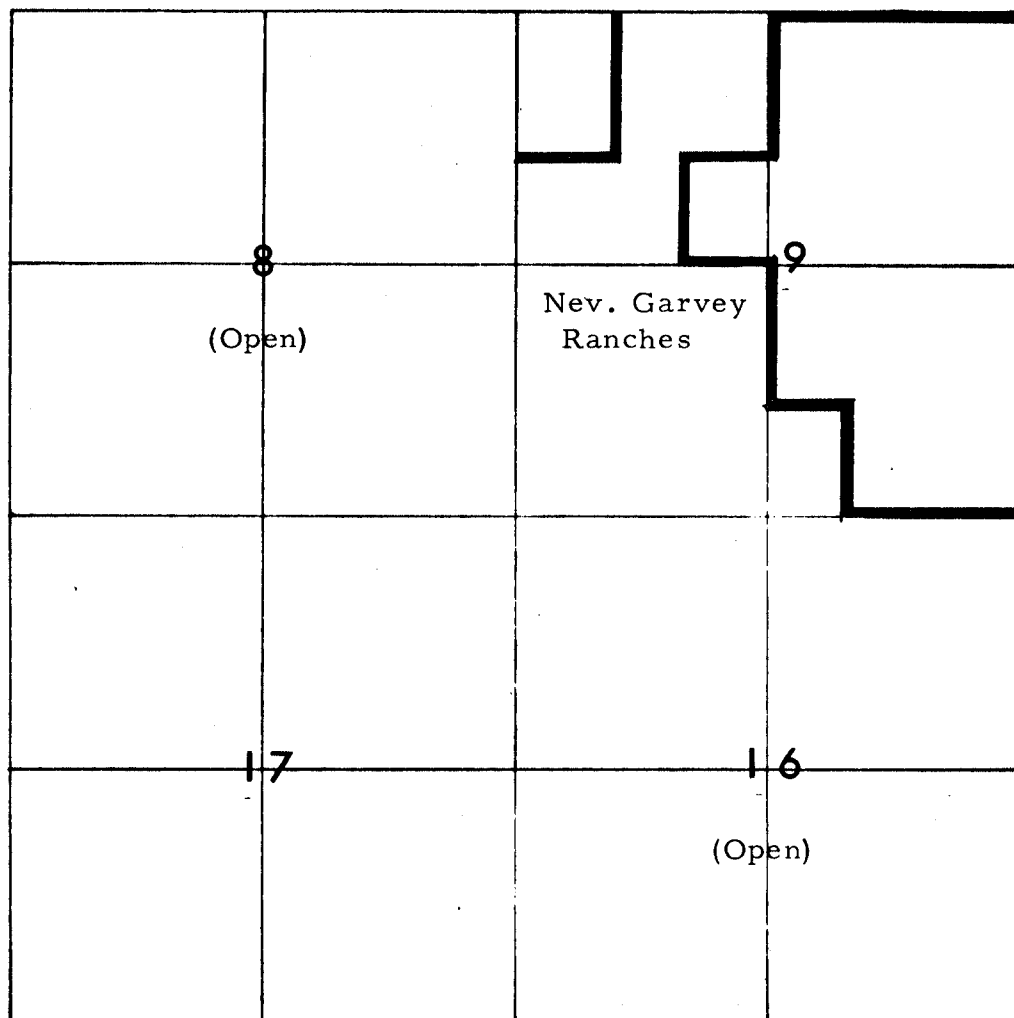
OWNERSHIP: See accompanying sheet.

SOURCES OF DATA: U. S. Bureau of Mines Inf. Circ. 6995, p 21-22 (1938).
U. S. Geological Survey Prof. Paper 431, p 93-95, (1964)

ECONOMICS: Price of mercury and gold is essentially now as in Aug. 1954 but the tungsten price has fallen roughly from about \$32.00 to \$8.00 per ton 1954 vs. 1964. However the tungsten in the deposit is rather minor. Perhaps the gravel values would run \$1.25/cu. yard today.

CONCLUSIONS: May be worked after adequate water supply has been assured -- U. S. G. S. Geologist Ronald Willden suggested that this was a good prospect (in a discussion July 19, 1964).

THE WESTERN PACIFIC RAILROAD COMPANY



6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T ____ R ____

SECTION _____
SCALE: 1" = 1000'

In 1904 a company was organized in Salt Lake City, called the Dutch Flat Gold Mining Co., attempted to work the placers with power equipment. Operation unsuccessful because of inadequate water supply. The placer area is about 1-1/2 miles long and ranges in width from 300 to 2000 feet. There is no regular channel wherein the gold is concentrated and good values have been found on the hillsides adjacent to the ravine as well as in the ravine itself. Over 100 shafts have been sunk on the property in former operations. These shafts vary from 6 to 22 feet deep. Gravel fragments are less than 6". Most gold is on bedrock, the pay streaks varying from 6" to 3-1/2' thick. The coarse gold is rough and angular and some of it attached to a quartz matrix indicating it has not traveled far. Largest nugget, \$180.00.