

2790 0021

156

Item 21

September 24, 1969

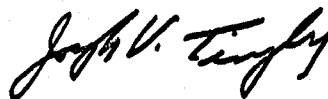
Mr. Clayton T. McNeil, E. M.
300 Montgomery Street, Room 822
San Francisco, California

Dear Mr. McNeil:

Enclosed you will find a reconnaissance report on the Mendive claims, Whisky Canyon area, Lander County, Nevada.

Should you have any questions or comments concerning the recommendations I have made, I will be happy to discuss them with you.

Sincerely,



Joseph V. Tingley
Mining Geologist

SUMMARY

The Mendive property, consisting of four unpatented lode mining claims is located near the head of Whisky Canyon in Sections 26 and 27, T30N, R45E, Lander County, Nevada.

Gold mineralization within the claim group occurred in a west-northwest trending shear zone near the intersection of the zone with the Whisky Canyon thrust fault.

An exploration target exists west of the Mendive claim area where the shear zone may intersect the south-westerly projection of the Yankee vein-fault. A replacement ore body could exist on this intersection at depth where the structure would cut the underlying thrust sheet.

A geochemical survey should be conducted over the outlined area of interest. If the results of this survey are favorable, the Mendive claims should be optioned and a drilling program should be planned.

RECONNAISSANCE REPORT

MENDIVE CLAIMS

WHISKY CANYON AREA

LANDER COUNTY, NEVADA

Reno, Nevada

September 24, 1969

Joseph V. Tingley

Mining Geologist

TABLE OF CONTENTS

Summary	(i)
Introduction	1
Location	1
Ownership	1
Geology and Mineralization	2
Exploration Potential	3
Conclusions	4
Recommendations	4
Appendix	6
Location Map	
Topographic Map	
Geologic Sketch Map	
Sample Log	
Assay Sheet	

INTRODUCTION

At the request of Mr. Clayton T. McNeil, 300 Montgomery Street, San Francisco, California, a reconnaissance examination of the Mendive claims was made on August 4, 1969.

LOCATION

The Mendive claims are located at the head of Whisky Canyon in Sections 26 and 27, T30N, R45E, Lander County, Nevada. The property bounds the Betty O'Neal mining property on the southwest. A dirt road branching southwest from the road leading to the old Betty O'Neal mill leads into Whisky Canyon and can be followed south onto the Mendive claims.

OWNERSHIP

Mrs. Mendive of Battle Mountain, Nevada owns the Mendive claim group. The property is composed of four unpatented

lode mining claims; the Purple Mask, Celestine O'Neal, Treasure Vault, and Mastadon.

GEOLOGY AND MINERALIZATION

Whisky Canyon follows the trace of the Whisky Canyon thrust fault. On the west side of the canyon, Antler Peak limestone forms the upper plate of the thrust. To the east in the lower plate of the thrust, quartzite and chert of the Valmy formation crop out. The complex vein system of the Betty O'Neal mine formed in these lower plate rocks approximately three quarter's of a mile north of the Mendive area.

One structure thought to be an important ore control at the Betty O'Neal, the Yankee vein-fault, can be projected to cross the Whisky Canyon thrust and pass into upper plate limestone slightly northwest of the Mendive claim group. If the Yankee structure continues to the southwest, it would cross the western tip of the Purple Mask claim about 1500' northwest of mine dump on the Celestine O'Neal claim.

Mining within the claim group has been confined to a mineralized, west-northwest trending shear zone which crops out near the west end of the Celestine O'Neal claim. On the east side of Whisky canyon where the

shear zone intersects lower plate Valmy rocks, the zone varies from five to fifteen feet in width and is completely oxidized on the surface. As the zone is followed into the limestone upper plate, the shear narrows between well defined walls and seems to fade toward the west..

Massive pyrite seen on the main mine dump on the Celestine O'Neal indicates that unoxidized replacement ore was found not far below the outcrop. According to local information, ore from the claim group contained free-milling gold at surface, averaging one half ounce in value. At shallow depth, the ore became "base", and dropped in gold content.

No doubt the high gold content zone near the surface was formed through oxidation and enrichment of a low-grade primary sulfide occurrence. Since the dumps and adits on the property are on or near the thrust contact, it is possible this contact itself acted as a control for the mineralization.

EXPLORATION POTENTIAL

The mineralized shear zone on the Celestine O'Neal and Purple Mask claims is striking toward a possible intersection with the Yankee vein-fault projection.

If these structures pass down beneath the thrust zone, a replacement ore body with values in both gold and silver could form beneath the favorable limestone hanging wall.

The dip of the thrust is not known; if it is too steep the favorable area would be too deep to be of interest. The area of potential interest lies mostly within Condor Corporation ground on the Betty O'Neal, South Extension claim, but it also includes the Purple Mask claim and some unclaimed ground to the west of both claims.

CONCLUSIONS

The Mendive claim area offers fair potential for the discovery of a small to medium sized gold-silver ore body.

The best way to prospect the area of interest would be through the use of geochemical sampling followed by drilling.

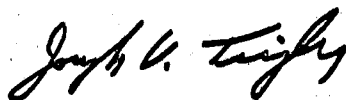
RECOMMENDATIONS

1. A geochemical survey should be conducted over the area of the suspected structural intersection.
Sampling should be confined to fracture coatings or

vein material.

2. If an anomaly can be outlined, one diamond drill hole should be drilled to prospect the area beneath the thrust fault.
3. If the thrust is not penetrated within a reasonable distance, the project should be abandoned.
4. Prior to drilling, the Mendive claims should be optioned, and three additional claims should be staked to cover the open ground west of the Purple Mask claim.

Respectfully submitted,

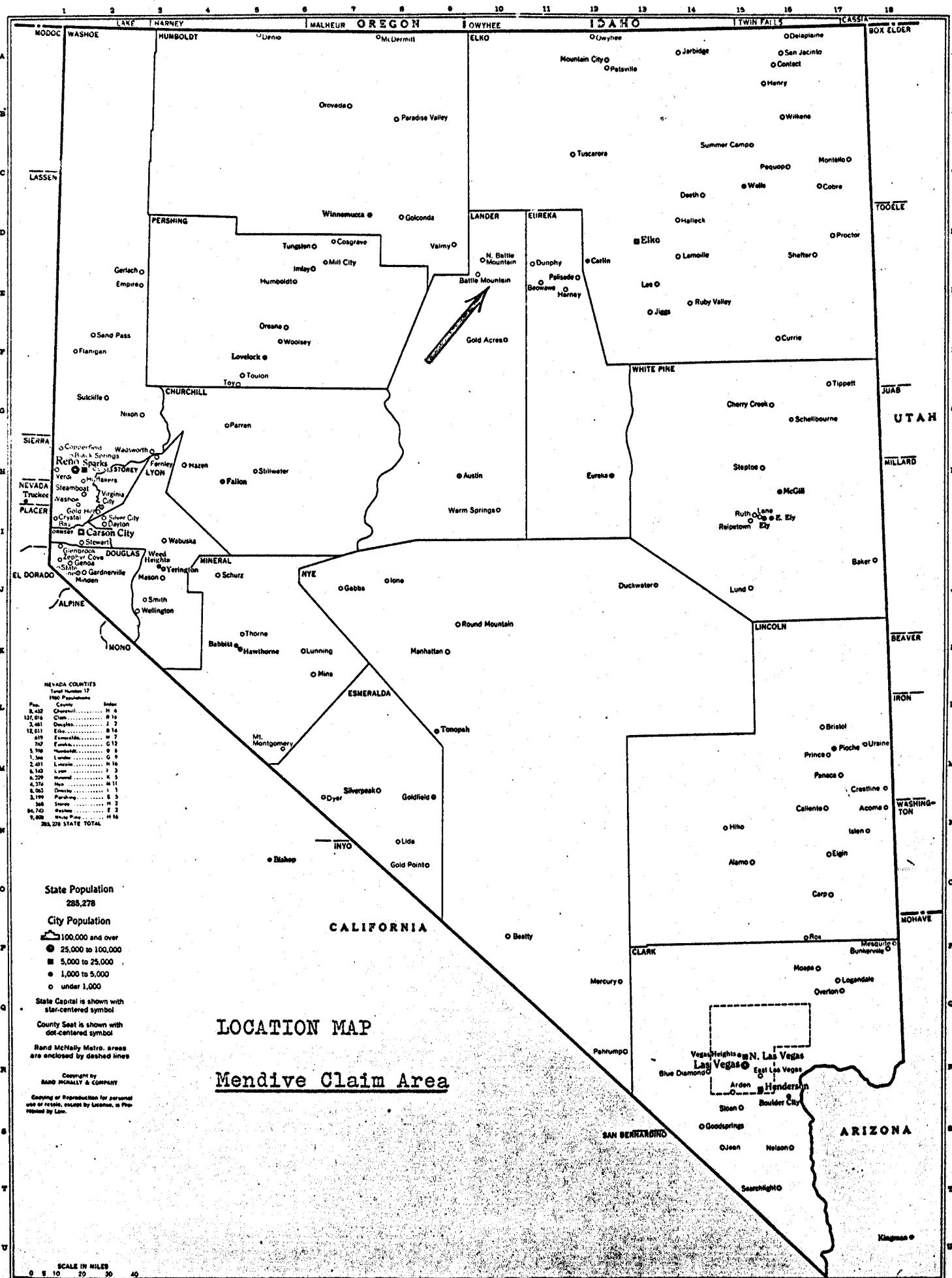


Joseph V. Tingley
Mining Geologist

APPENDIX

RAND McNALLY STATE COUNTY-CITY MAP

NEVADA
SIZE 8 1/2 x 11



NEVADA COUNTIES
Total Number 17
1960 Population

Pop.	County	Index
8,432	Churchill	10
137,016	Clark	11
2,481	Douglas	12
12,011	Elko	13
619	Esmeralda	14
707	Franklin	15
5,700	Humboldt	16
1,360	Lander	17
2,481	Lyon	18
6,142	Mineral	19
4,229	Mojave	20
4,274	Nye	21
6,062	Pershing	22
3,199	Washoe	23
368	White Pine	24
84,742	Winnemucca	25
9,008	Yuma	26
285,278 STATE TOTAL		

State Population
285,278

City Population

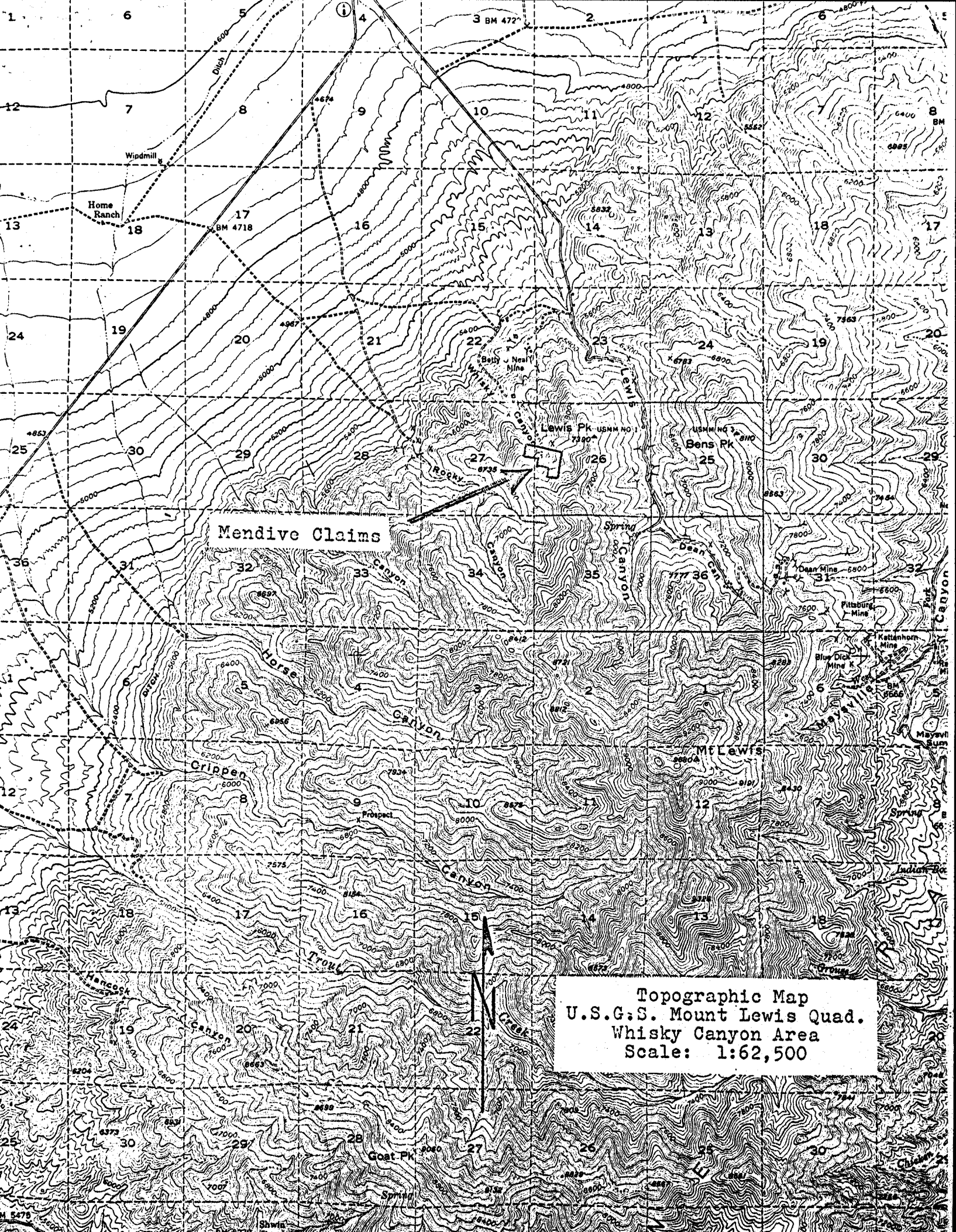
- 100,000 and over
- 25,000 to 100,000
- 5,000 to 25,000
- 1,000 to 5,000
- under 1,000

State Capital is shown with star-centered symbol
County Seat is shown with dot-centered symbol
Rand McNally Metro. areas are enclosed by dashed lines

Copyright by
RAND McNALLY & COMPANY
Copying or reproduction for personal use of resale, except by license, is prohibited by Law.

LOCATION MAP
Mendive Claim Area

SCALE IN MILES
0 5 10 20 40



Mendive Claims

Topographic Map
U.S.G.S. Mount Lewis Quad.
Whisky Canyon Area
Scale: 1:62,500

R 45 E

22 23

27 26

PROJECTION OF
YANKEY VEIN

Ov

BETTY O'NEAL, S. EXT.

Pop

GASH

MIKE BURKE

PURPLE MASK

PURPLE MASK
SHEAR ZONE

TWC-4

85P

TWC-3

TWC-1





TWC-2

Ov

CELESTINE O'NEAL
TREASURE VAULT



T 30 N

-  THRUST FAULT, TEETH ON UPPER PLATE
-  VALMY FORMATION
-  ANTLER PEAK LIMESTONE
-  SAMPLE LOCATION

1" = 500'

GEOLOGIC SKETCH MAP MENDIVE CLAIMS

WHISKEY CANYON AREA

LANDER COUNTY, NEVADA

SEPTEMBER 1969

J.V. TINGLEY

Assay Results

Sample No.	Location	Length	Description - Remarks	Gold	Silver	Coll. By
TWC-1		15'	Cut above oxidized dump in east fork of Whisky Canyon, N85°W, 85°SW shear zone in Valmy quartzite and shale, highly Fe stained, some 2" and 3" seams of limonite and hematite gossan, sample taken over a 15' width		(ounce per ton)	JVT
				0.01	0.95	
TWC-2		2'	Sample taken 15' from mouth of adit on 2' wide oxidized fault zone, strike S80°W, dipping 50°SE, soft limonitic material along fault.	0.035	0.98	JVT
TWC-3		2'	Caved area near small dump in SW fork of canyon, heavy sulfides on dump, sample taken in 2' wide gossan zone in N40°W fault zone, Strike of fault irregular, possibly due to thrust contact to west.	0.63	1.67	JVT
TWC-4		-	Grab sample from oxidized dump material above narrow stope, stope on narrow N70°W, 85°SW, fault zone in limestone	0.18	1.01	

1142 HOWARD STREET

SAN FRANCISCO, CALIFORNIA 94103

AREA CODE 415 863-8575

REPORT OF ASSAY

Submitted by Mr. Clayton T. McNeil
Cendor Corporation
300 Montgomery Street, Room 822
San Francisco, California

Date **August 26, 1969**

Sample of Minerals

P. O. No.

Lab. No. 4944

MARK	GOLD, PER TON OF 2,000 LBS.		SILVER, PER TON OF 2,000 LBS.				
	TROY OUNCES	VALUE AT \$35.00 OZ.	TROY OUNCES	VALUE			
TWC-1	0.01		0.95				
TWC-2	0.035		0.98				
TWC-3	0.63		1.67				
TWC-4	0.18		1.01				

CC: Mr. J. V. Tingley
c/o Condor Corporation
Box 288
Battle Mountain, Nevada

METALLURGICAL LABORATORIES, INC.

By.

R 45 E

22 23

27 26

PROJECTION OF
YANKEY VEIN

Ov

BETTY O'NEAL, S. EXT.

Pop

GASH

MIKE BURKE

PURPLE MASK

PURPLE MASK
SHEAR ZONE

TWC-4
TWC-3
TWC-2





CELESTINE O'NEAL

Ov

TREASURE VAULT



T 30 N

-  THRUST FAULT, TEETH ON UPPER PLATE
-  VALMY FORMATION
-  ANTLER PEAK LIMESTONE
-  SAMPLE LOCATION

1" = 500'

GEOLOGIC SKETCH MAP

MENDIVE CLAIMS

WHISKEY CANYON AREA

LANDER COUNTY, NEVADA

SEPTEMBER 1969

J. V. TINGLEY

