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PRINTED: 06/24/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SIXTEEN TO ONE

ALTERNATE NAMES:
SCHOONOVER CLAIMS

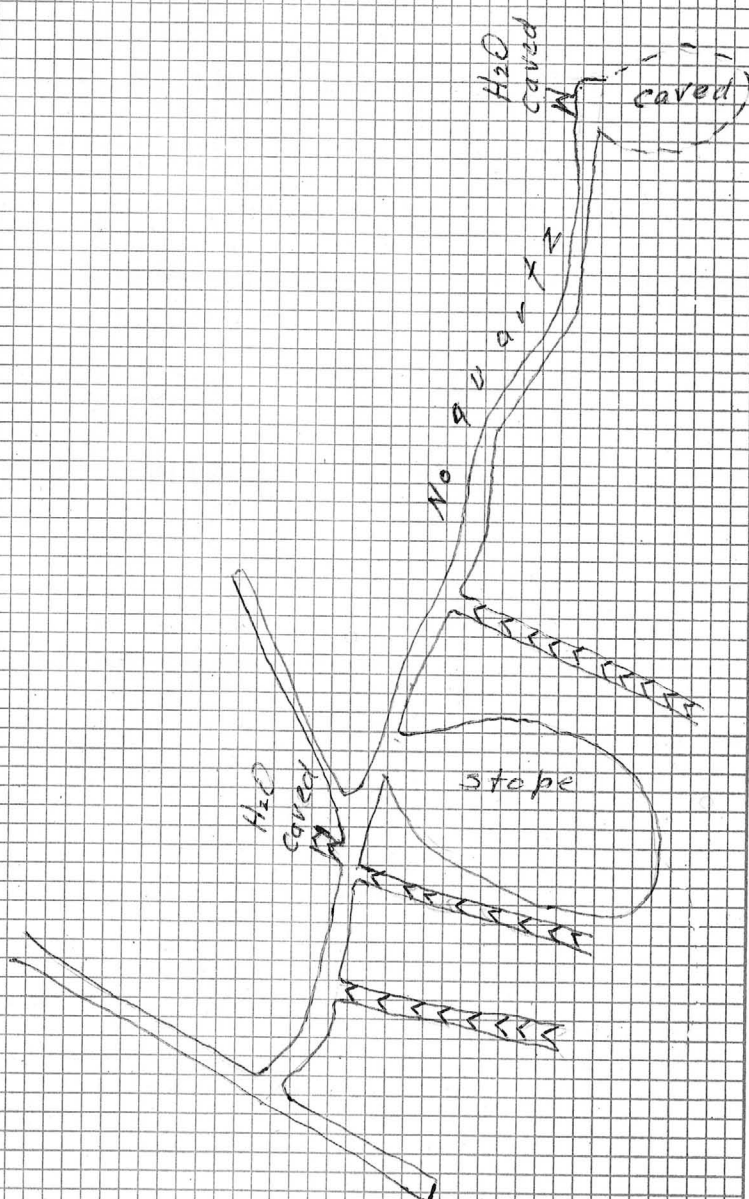
YAVAPAI COUNTY MILS NUMBER: 263B

LOCATION: TOWNSHIP 9 N RANGE 4 W SECTION 6 QUARTER W2
LATITUDE: N 34DEG 09MIN 04SEC LONGITUDE: W 112DEG 42MIN 55SEC
TOPO MAP NAME: YARNELL - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:
GOLD

BIBLIOGRAPHY:
USGS YARNELL QUAD
ADMMR 16 TO 1 CLAIMS FILE



caved
 N 12

Co. Carlson
 10 to 1 mine
 1" = 40' 6/26/73
 Brunton & pace.

Front

**FIELD WORKSHEET
RURAL LAND APPRAISAL**

Owner's Name Occupant's Name

Address of Property

Sec. Twn. Rng.

N.W. $\frac{1}{4}$		N.E. $\frac{1}{4}$	
S.W. $\frac{1}{4}$		S.E. $\frac{1}{4}$	

LAND USE

- A. Acres Irrigated land
- B. Acres Irrigable land
- C. Acres Grazing land
- D. Acres (.....) land
- E. Acres Waste land

IRRIGATION LAND

Right (describe)

.....

Pump (describe)

.....

Special Notes:

.....

John Kalorski, 111 South Wisconsin, Villa Park, Illinois called regarding the 16 - 1 claims near Congress held by M. N. West, Willhoit Star Rt., Kirkland. Kalorski intended to buy them although unpatented and wanted to know cost of patent process. FTJ WR 3-23-73

Went to Carl Carlson's place where he said he had bought the 16 - 1 mine adjoining the Octave on the east and was planning a custom Au mill of 25-50 tpd. We have no information on this property therefore, as time permits I will visit it, GW WR 6-6-73

Tuesday, June 26 - Accompanied C. O. Carlson to his 8 unpatented 16 to 1 claims in Sec. 6, T9N, R4W adjoining the Octave mine on the east. Here there is a 100 foot X-C adit trending S60°E; at about 60 feet from the portal a vein was intersected striking about N15°E and dipping 30°-35° to the west. A drift has been driven northeasterly 230 feet. Along the drift 3 raises and 1 stope have been excavated. The raises or stopes were not entered but the stope appears to be approximately 60' x 60' and the raises are in excess of 50 feet high along the footwall of the vein. There are 2 caved winzes making water. The 4"-10" of quartz making up the vein is contained in a sheeted zone several feet wide in gneissic granite. The rock in this zone is highly altered and in part silicified. From 5 to 6 feet below the quartz vein and parallel to it is an intrusion of diorite the base of which cannot be determined in the drift; but at least four feet of it is visible toward the north end of the adit. As is indicated on the sketch map there is no vein quartz beyond the stope. There the shearing becomes more intense and the granite very highly altered. Along the trail about 125 feet SW of the portal are two small inclines and another vein of quartz in granite that strikes N35°E and dips west at 35°. These openings were back-filled so no determination of their extent was possible. This vein could not be traced to the portal because of fill; however, if it continues on the observed strike it should intersect the drift near its end and may therefore be the cause of the cave at that point. It was not observed underground. Also on the surface there is a relatively large area of granite that has been intruded by diorite; a part of which may be that seen under the vein in the mine workings. And a few hundred feet from the portal can be seen the granite intruding schist.

GW WR 6/26/73



Pay Dirt 6/25/73

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date June 26, 1973

- 1. Mine: 16 - 1 (formerly Schoonover claims)
- 2. Location: Sec. 5? Twp. 9N Range 4W Nearest Town Stanton Distance 3 mi. SE
Direction Nearest R.R. Congress Distance 11 mi.
Road Conditions good, except last 1/4 mi. in canyon.
- 3. Mining District and County: Weaver Dist. Yavapai County
- 4. Former Name of Mine: Schoonover
- 5. Owner: C. O. Carlson
Address: Wikieup, Arizona
- 6. Operator: C. O. Carlson
Address:
- 7. Principal Minerals: Au
- 8. Number of Claims: Lode 8 Patented 0 Unpatented 8
Placer Patented Unpatented
- 9. Type of Surrounding Terrain: Rather rough; in western foothills of Bradshaw Mtns.
- 10. Geology and Mineralization: A 4'-5' sheared zone in granite intruded by diorite (in FW) contains 4-10" Au-quartz for approx. 120 feet along drift.
- 11. Dimension and Value of Ore Body: unknown

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

12. Ore "Blocked Out" or "In Sight": none

Ore Probable: ?

13. Mine Workings—Amount and Condition: 100' X-C adit + 230' drift, 1 stope

Winzes	No.	Feet	Condition
Shafts	2	? caved	making some water
Raises		3	good
Tunnels drift		230	good
adit			
Crosscuts	1	100	good
Stopes	1	60 x 60	good

14. Water Supply: may be limited amount from winzes

15. Brief History: Carlson purchased one claim from Buster West, Yarnell and staked 7 more. All underground work done in late 1920's and early 1930's by Schoonover. (dec'd)

16. Remarks: Carlson wants OME loan to continue drift to intersection with the Octave vein.

17. If Property for Sale, List Approximate Price and Terms:

18. Signature:

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
MINE OWNER'S REPORT

Date 6/26/73

1. Mine:
2. Location: Sec. 5? Twp. 9N Range 4W Nearest Town Stanton Distance 3mi SE
Direction..... Nearest R.R. Congress Distance 11mi
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Address: Wikieup, Az.
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Address:
7. Principal Minerals: Au
8. Number of Claims: Lode 8 Patented 0 Unpatented 0
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Ore Probable: *?*

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	No.	Feet	Condition
Winzes	<i>2</i>	<i>? caved</i>	<i>making some water</i>
Shafts			
Raises	<i>3</i>		<i>good</i>
Tunnels	<i>drift</i>	<i>230</i>	<i>"</i>
adit			
Crosscuts	<i>1</i>	<i>100</i>	<i>"</i>
Stopes	<i>1</i>	<i>60x60</i>	<i>good</i>

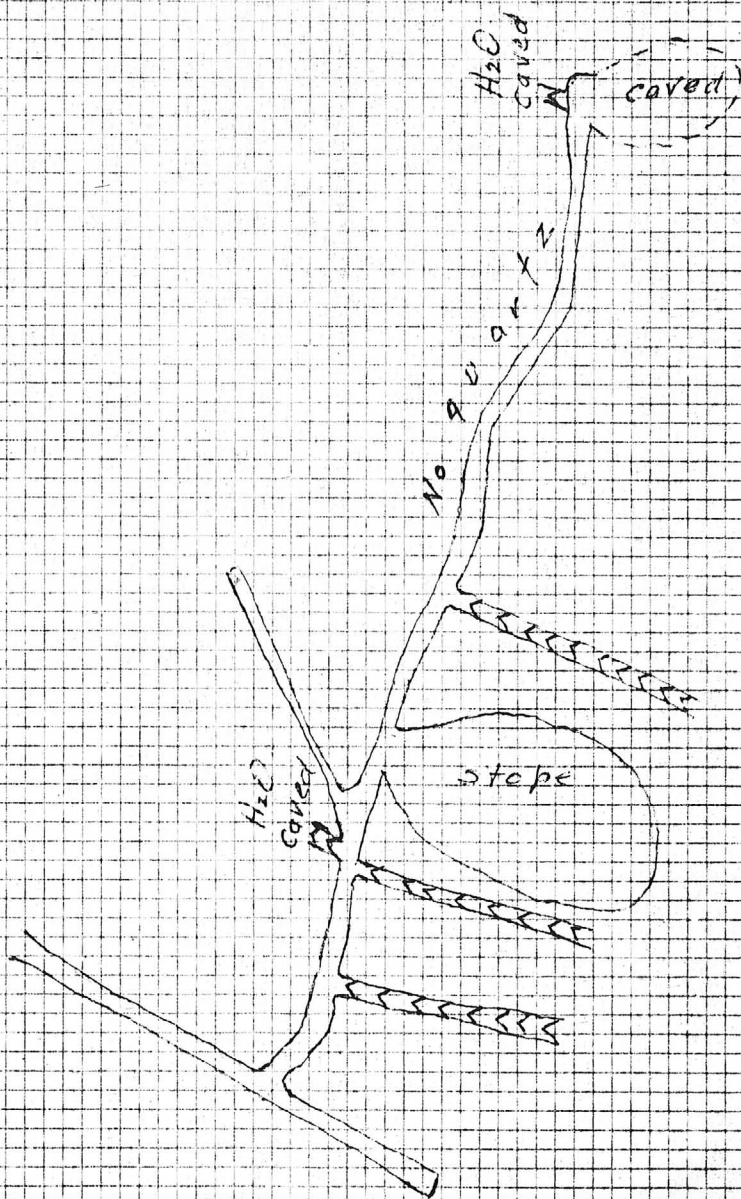
14. Water Supply: *may be limited amount from winzes*

15. Brief History: *Carlson purchased one claim from Buster West, Yarnell, and staked 7 more. All underground work done in late 1920's + early 1930's by Scheenover (dec'd).*

16. Remarks: *Carlson wants DME loan to continue drift to intersection with the Octave vein.*

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18. Signature:



caved
 A B

Front

C. O. Carlson
 16 to 1 mine
 112-40 6/26/73
 Brunton & pace.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine 16 - 1 (formerly Schoonover claims)

Date June 26, 1973

District Weaver

Engineer Glen Walker

Subject:

See sketch of workings - the cross-cut adit intersects the 4" quartz vein and sheared structure about 60 feet from the portal but continues another 40 feet. A drift turns northerly from the X-C for about 230 feet. Off the drift are 3 raises perhaps 50 feet up the dip (35°) and 2 winzes collar-full of water and one X-C drift on a hanging wall split of the vein. Beyond about 120 feet from the adit X-c no quartz is seen to the face of the drift. As a matter of fact, the shearing from this point increases to such an extent that the last 15 feet of the drift is caved considerably due probably to a raise that was attempted here.

The vein quartz is contained in a sheared and sheeted granite that has been intruded by diorite in the footwall.