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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BIG HORN COPPER PROSPECT

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 114

LOCATION: TOWNSHIP 4 N RANGE 9 W SECTION 36 QUARTER C
LATITUDE: N 33DEG 38MIN 44SEC LONGITUDE: W 113DEG 08MIN 05SEC
TOPO MAP NAME: BIG HORN MTS - 15 MIN

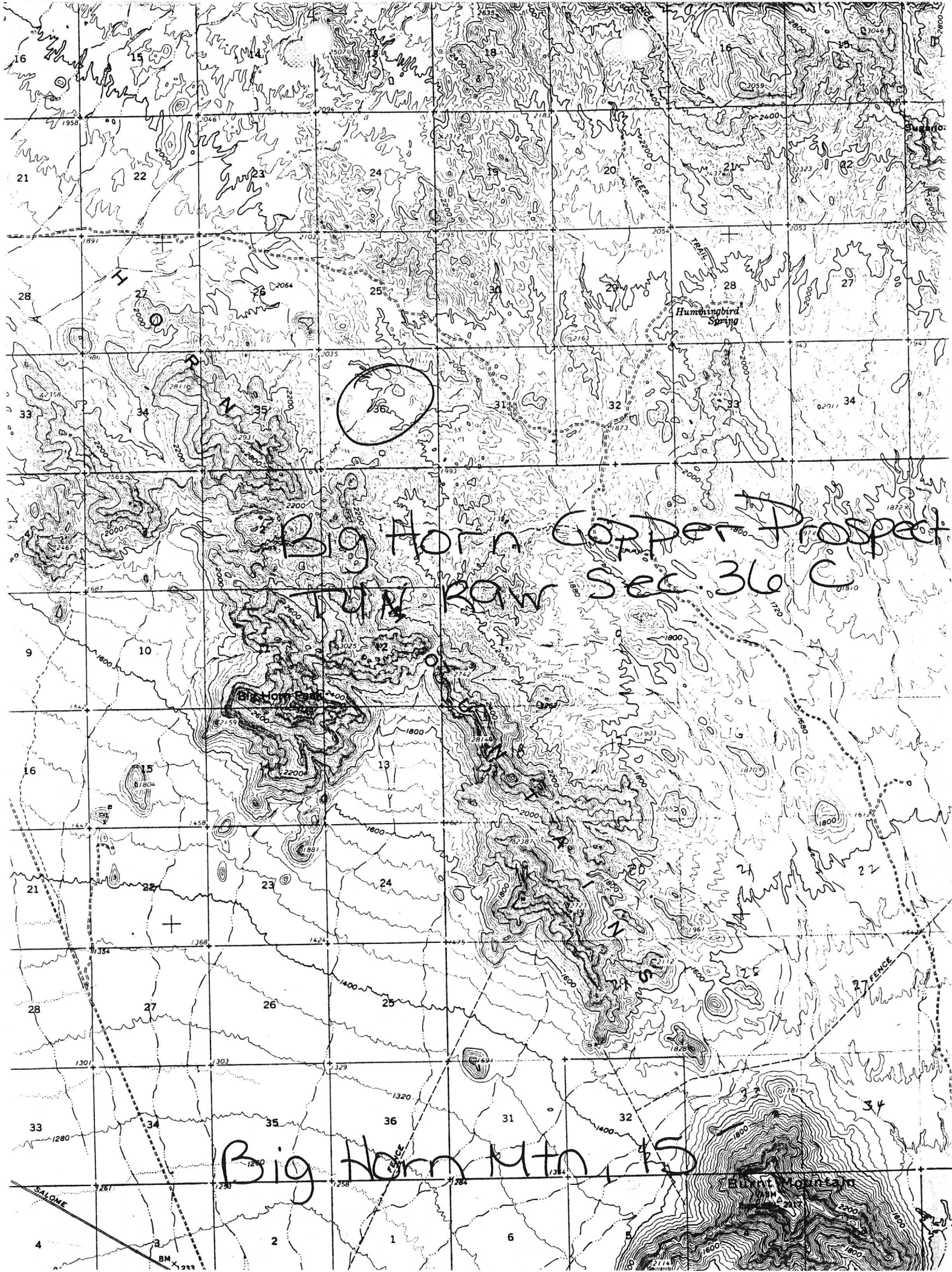
CURRENT STATUS: EXP PROSPECT

COMMODITY:

COPPER OXIDE
SILVER

BIBLIOGRAPHY:

ADMMR BIG HORN COPPER PROSPECT FILE
SCHREINER, R.A. "MIN RES OF BIG HORN MTNS
WILDERNESS STUDY AREA, AZ" 1985, MLA 44-85
(PHOENIX GEOLOGY FILE)



BIG HORN COPPER PROSPECT

REFERENCES

MARICOPA COUNTY
BIG HORN DIST.
T4N R9W Sec. 36 C

Maricopa County MILS Index #114

Industrial Minerals Rpt., p. 39

Big Horn Mtn., AZ 15' Topo (included in file)

BIG HORN
BUCKHORN PROSPECT

MARICOPA COUNTY

Went to Messrs. Barnard and McNeil's prospect on the east side of the Buckhorn Mountains in Sec. 36, T4N, R9W. There are 43 unpatented claims staked mainly in 1968. They cover an area of coarse to medium grained gray to reddish granite which is somewhat sheared. The sparse oxide copper mineralization occurs in N. 45° E. flat-dipping shears and fractures. The veins are from a few inches in width to 2½ feet and the alteration of the granite is to some extent proportional to the amount of ore mineralization. However in two widely spaced areas considerable very intense alteration was noted not associated with visible copper minerals. South of an east-west ridge is a smaller area of metamorphic rocks composed of very thin, fissile, carbonaceous schist and reddish quartzsite. In the schist are several pegmatite and jasper dikes, some of which contain copper mineralization. Considerable dozing has been done on the copper exposures and the assays therefrom range from 10% to 30% Cu. and from a trace to 38 oz. Ag/ton, it is reported. It was suggested that grabsampling of the dozed material be done in a systematic manner with the idea of determining whether or not the mineralization is worth while over as large an area as indicated. GW WR 3-9-71

Messrs. Barnard and McNeil, of Montana, have done considerable surface prospecting on the east side of the Buckhorn Mountains in 4N - 9W. on several small but high grade streaks of oxidized copper mineralization. They have 43 unpatented claims. GW QR 4-8-71

Work continues sporadically at the Big Horn copper property. GW QR 9/71

Big Horn Copper Prospect
Sec. 36, T. 4 N., R. 9 W.
Maricopa County

reference: Arizona Dept. of Mineral Resources
Big Horn Copper Prospect Maricopa (file)

minerals: copper, silver

present owners: M.J. Barnard and Wade McNeil
of Tonopah, Arizona (1971 information)

history of the area:
in 1971 exploration work was being
done on the property. Most of the 43
unpatented claims were staked in 1968.
It was reported in 1971 that work
was continuing sporadically.

geology of the area:
widely spaced oxide Cu mineralization
occurs in a coarse grained granite
as streaks from a few inches to
2 1/2 feet in width, striking N 45° E
and dipping very flatly. Near the south
end of the claims is an area of
metamorphic rocks — schist and
quartzite — in which there are
several pegmatite and jasper dikes.
These are sparsely mineralized with Cu.
Some specimens apparently assay
10-30% Cu and up to 38 oz silver.



United States Department of the Interior

OFFICE OF HEARINGS AND APPEALS

INTERIOR BOARD OF LAND APPEALS

4015 WILSON BOULEVARD

ARLINGTON, VIRGINIA 22203

WADE MCNEIL

FLORA MCNEIL

IBLA 82-922, 82-923,
82-924, 82-925

Decided August 16, 1982

Appeal from decisions of Arizona State Office, Bureau of Land Management, declaring unpatented mining claims abandoned and void. A MC 72212 through A MC 72223; A MC 72600 through A MC 72609.

Affirmed.

1. Federal Land Policy and Management Act of 1976: Recordation of Affidavit of Assessment Work or Notice of Intention to Hold Mining Claim—Mining Claims: Recordation

Under sec. 314 of the Federal Land Policy and Management Act of 1976, 43 U.S.C. § 1744 (1976), the owner of an unpatented mining claim located on public land must file a notice of intention to hold the mining claim or evidence of annual assessment work on the claim prior to Dec. 31 of each year in the proper office of the Bureau of Land Management. There is no provision for waiver of this mandatory requirement, and where evidence of assessment work is not filed timely because it was delayed in the mail, the consequence must be borne by the claimant.

APPEARANCES: Flora McNeil, pro se.

OPINION BY ADMINISTRATIVE JUDGE HENRIQUES

Flora McNeil appeals from decisions of the Arizona State Office, Bureau of Land Management (BLM), dated May 20, 1982, which rejected the evidence of annual assessment work for 1981, and declared the unpatented Flora Belle #1, #2, #5, #6; Big Horn #1, #2, #3, #4; Copper Gem #1, #2, #3, #4; and Scorpion #2, #3, #4, #5, #6, #7, #17, #19, #21, #22 lode mining claims, A MC 72212 through A MC 72223 and A MC 72600 through A MC 72609, abandoned and void because the evidence of annual assessment work had not been filed on or before December 30, 1981, as required by section 314 of the Federal Land Policy and Management Act of 1976 (FLPMA), 43 U.S.C. § 1744 (1976), and

INDEX CODE:

43 CFR 1821.2-2(f)
43 CFR 3833.1-2(a)
43 CFR 3833.2-1
43 CFR 3833.4(a)

66 IBLA 228

GFS(MIN) 259(1982)

ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: _____
- Address: _____
2. Mine: BIGHORN PER G.W. 1-4-72
Buckhorn Prospect 3. No. of Claims - Patented _____
Unpatented 43
4. Location: _____
5. Sec 36 Tp 4N Range 9W 6. Mining District _____
7. Owner: M.J. Barnard + Wade McNeil
8. Address: General delivery, Tonopah, Ariz.
9. Operating Co.: _____
10. Address: _____
11. President: _____ 12. Gen. Mgr.: _____
13. Principal Metals: Copper, silver 14. No. Employed: 2 or 3
15. Mill, Type & Capacity: None
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☒
(d) Production ☐ (e) Rate _____ tpd.
17. New Work Planned: More dozing on outcropping mineralization
and sampling thereof.
18. Misl. Notes: Widely spaced oxide Cu mineralization occurs
in a coarse granite as streaks from a few inches in
width to 2 1/2 ft. striking N45E, dipping very flatly.
Near the south end of the claims is an area of metamor-
phic rocks, schist and quartzite, in which are several
pegmatite and jasper dikes sparsely mineralized
with Cu. Some specimen material is reported
to assay 10-30% Cu + up to 38 oz. Ag.

Date: 3-10-71

(Signature)

gwalker

(Field Engineer)