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PRINTED: 06/24/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SAINT FRANCIS

ALTERNATE NAMES:

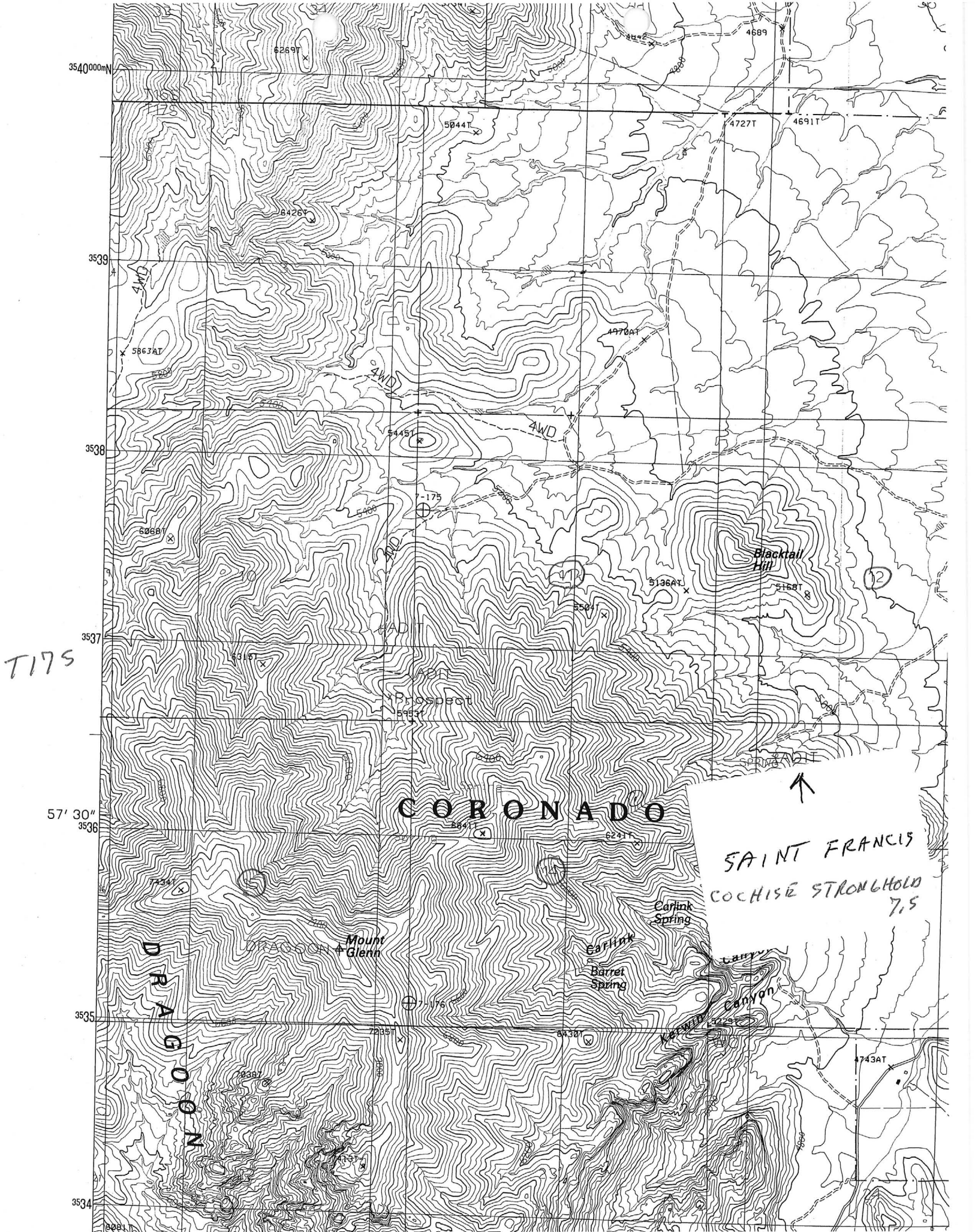
COCHISE COUNTY MILS NUMBER: 741

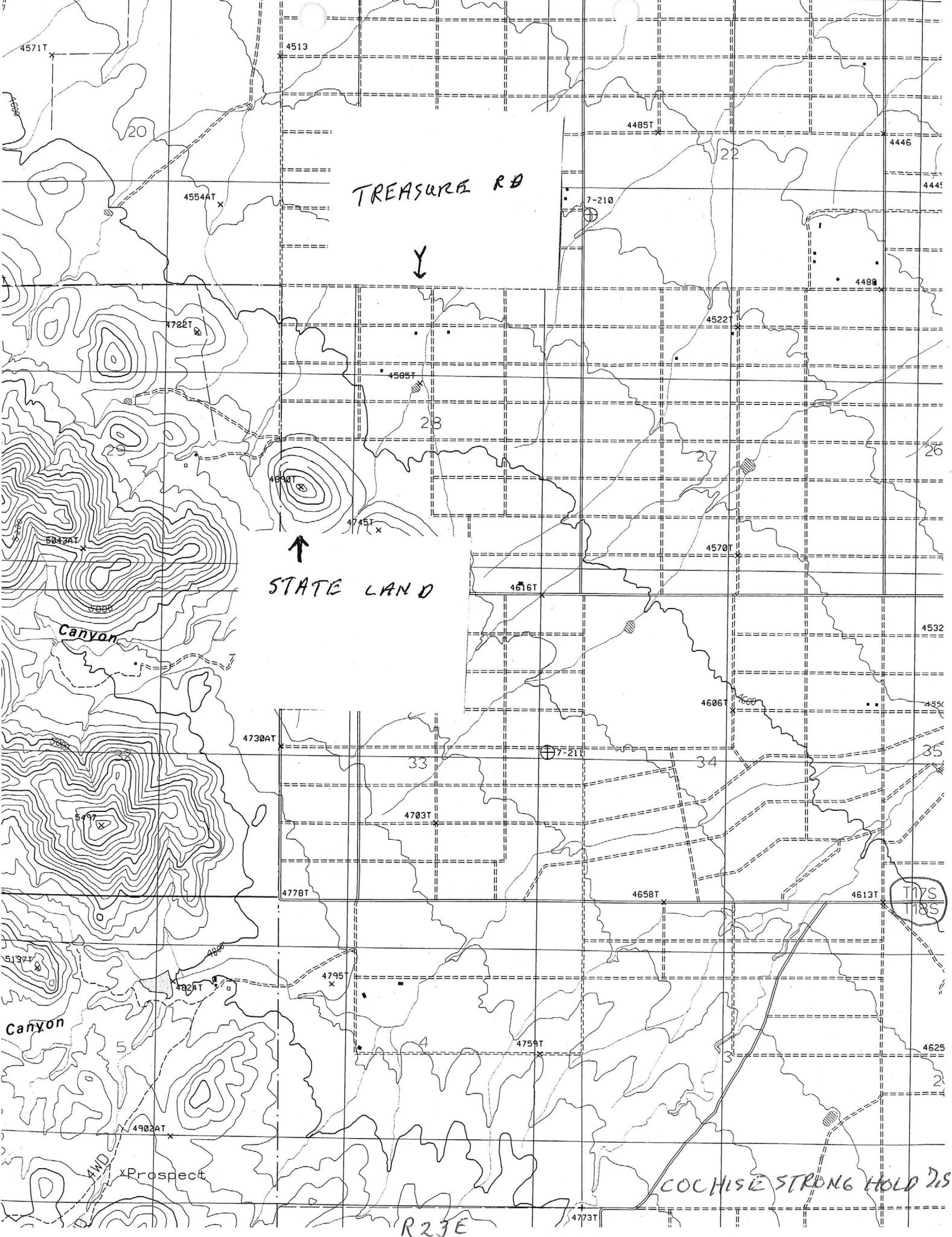
LOCATION: TOWNSHIP 17 S RANGE 23 E SECTION 11 QUARTER --
LATITUDE: N 31DEG 57MIN 50SEC LONGITUDE: W 109DEG 57MIN 52SEC
TOPO MAP NAME: COCHISE STRONGHOLD - 7.5 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:
SILICON

BIBLIOGRAPHY:
ADMMR SAINT FRANCIS FILE
ALSO IN SEC. 12, 13 & 14





TREASURE RD

STATE LAND

COCHISE STRONG HOLD 715

T175
1185

R23E

20

22

23

27

26

33

34

35

4

3

2


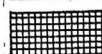
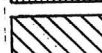
Canyon

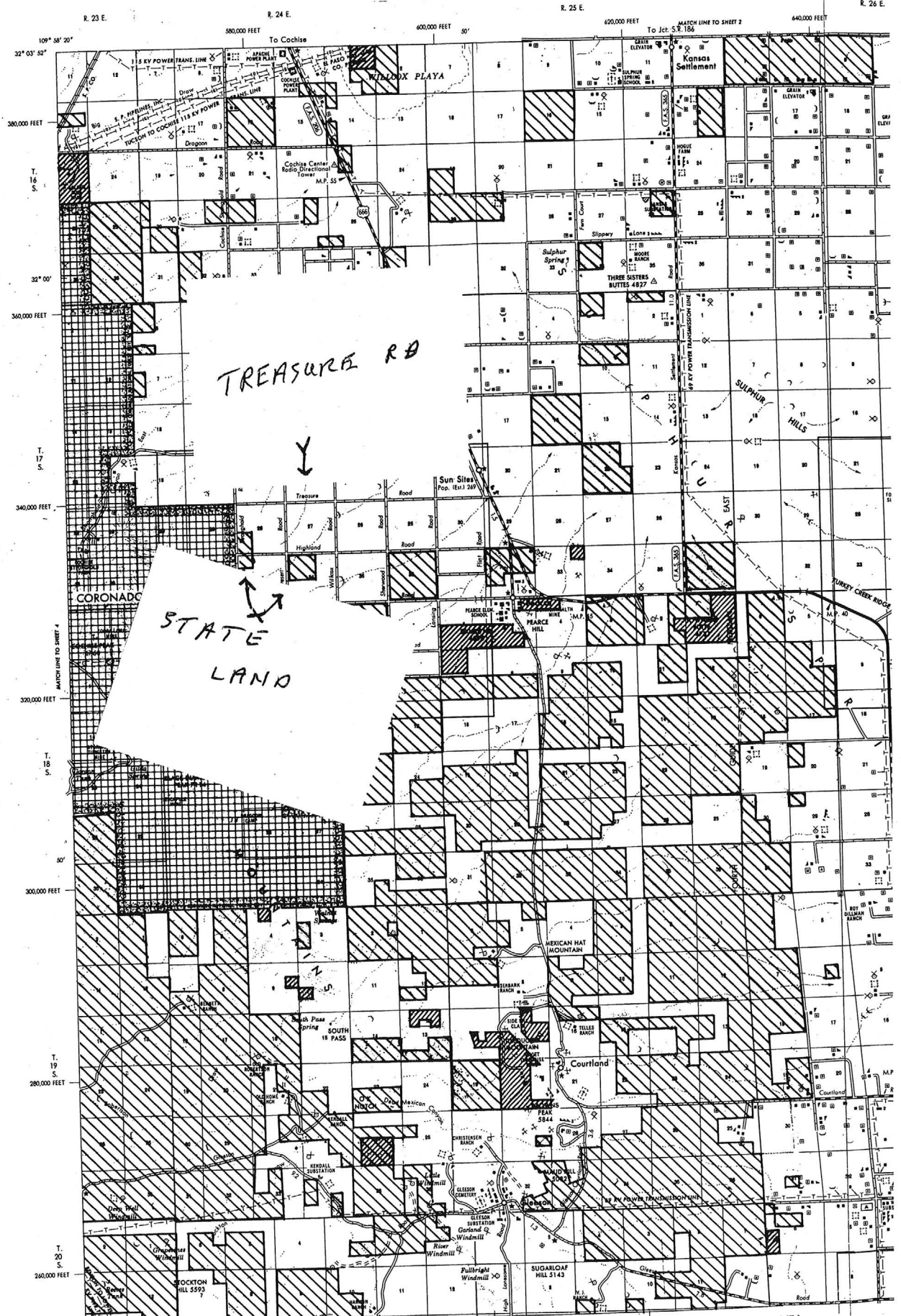
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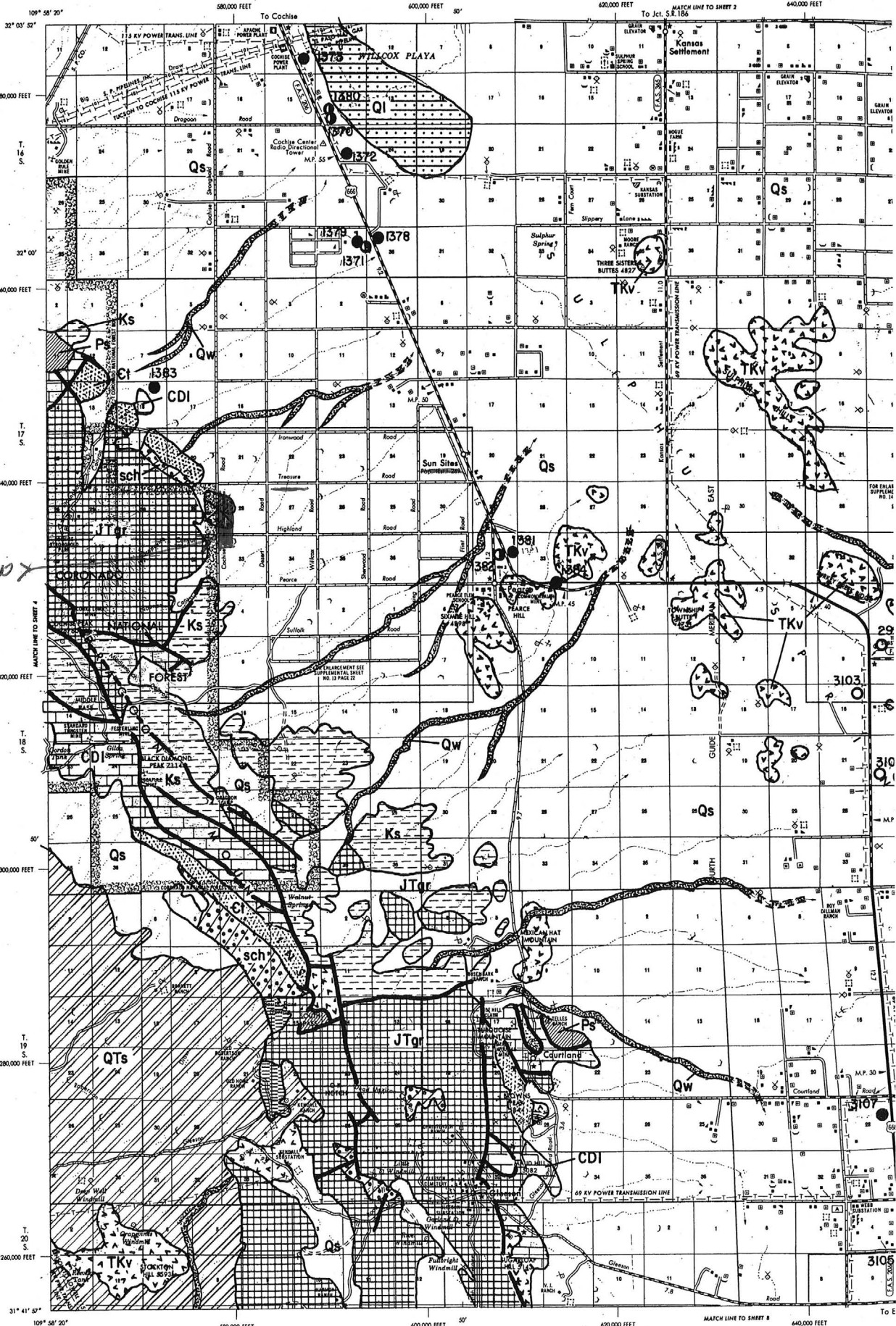
Prospect

AWD

R

-  — Public lands (B.L.M.)
-  — Other Federal lands (Nat. forests, Nat. mon., etc.)
-  — State lands.





STATE LAND

SAINT FRANCIS MINE (file)

COCHISE CO.

Gilbert and I met at the Cartmell Ranch after which Hernandez, R. Cartmell, Gilbert and I drove to the Dragoon Mountains north of the Stronghold Canyon. We examined a very large deposit of silica, probably quartzite. We examined showings of metalliferous deposits next to the silica. Two samples were cut. VBD WR 11/7,8/74

Jack Gilbert visited the Phoenix Office to discuss efforts in the Pearce area to find suitable silica deposits. He said the last samples gathered by Cartmell and Hernandez were the best silica he had seen in his life, but they contained no saleable metallic minerals. So he wants to continue efforts to find silica with enough gold, silver or copper to pay transportation costs. I told him I would visit the area Friday afternoon. VBD WR 12/16/74

SUMMARY REPORT OF MINERALS EXAMINATION

State Arizona County Cochise Mineral Products SiO₂

Name of property or deposit St. Francis

Date examined 11/8/74 Engineer V B Stale Date of this report 11/14/74

Reason for examination To examine flux deposits (silica)

Engineer accompanied by Manuel Hernandez Address Pearce, Ariz.

Content of property Ten Unpatented, ^{lode} mining claims

Owner R. Cartmell & M. Hernandez Address Pearce, Arizona

Leased or optioned to No one Address _____

Location of property (be specific) Secs 11, 12, 13 & 14, T. 17S., R. 23E.

Type of deposit and mineralogy (brief description) Wide beds of quartzite, probably Bolsa, which carry small amounts of gold.

Known dimensions of the deposit
 Length ± ⁵⁰⁰⁰ ~~10000~~ ft Width ± 600 ft Depth 300 ft

Attitude of the deposit (strike, dip, etc.) Generally N. 20-30° W.
dip unknown

Possible extensions; correlation of known showings Bolsa quartzite and Abrego Limestone extend southeasterly from these exposures.

Mine workings (brief description or attach map or sketch) (indicate whether accessible) None

(over)

Mining and milling equipment on property *None*

Past production (if any) *None*

Present rate of production (if any) *None*

Sampling (describe briefly, or attach sketch) *One chip sample was taken 300 feet across the quartzite*

Tentative Estimate of Reserves

(Subject to revision when assays are received or after engineering calculations)

Measurable *30-40,000,000* tons Grade *+85% SiO₂*

Indicated _____ tons Grade _____

Inferred _____ tons Grade _____

Mining method (actual or suggested) *Open cast*

Milling or processing method (actual or suggested) *Smelter Flux*

Processing tests suggested _____

Tentative conclusion and decision *There are significant reserves of silica smelter flux in this area. Preliminary sampling indicated .02 to .03 oz. gold.*

To be accompanied by brief letter giving examining engineer's general impression of the deposit, his impression of the owner, and any other confidential information he may care to submit. Refer to any known prior examinations and reports. May be executed in pencil. Should be mailed within 24 hours after examination is completed.

GREEN VALLEY NEWS
Green Valley

MAR 23 1984