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Arizona Department of Mines and Mineral Resources Mining Collection

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CANDY BAR

ALTERNATE NAMES:

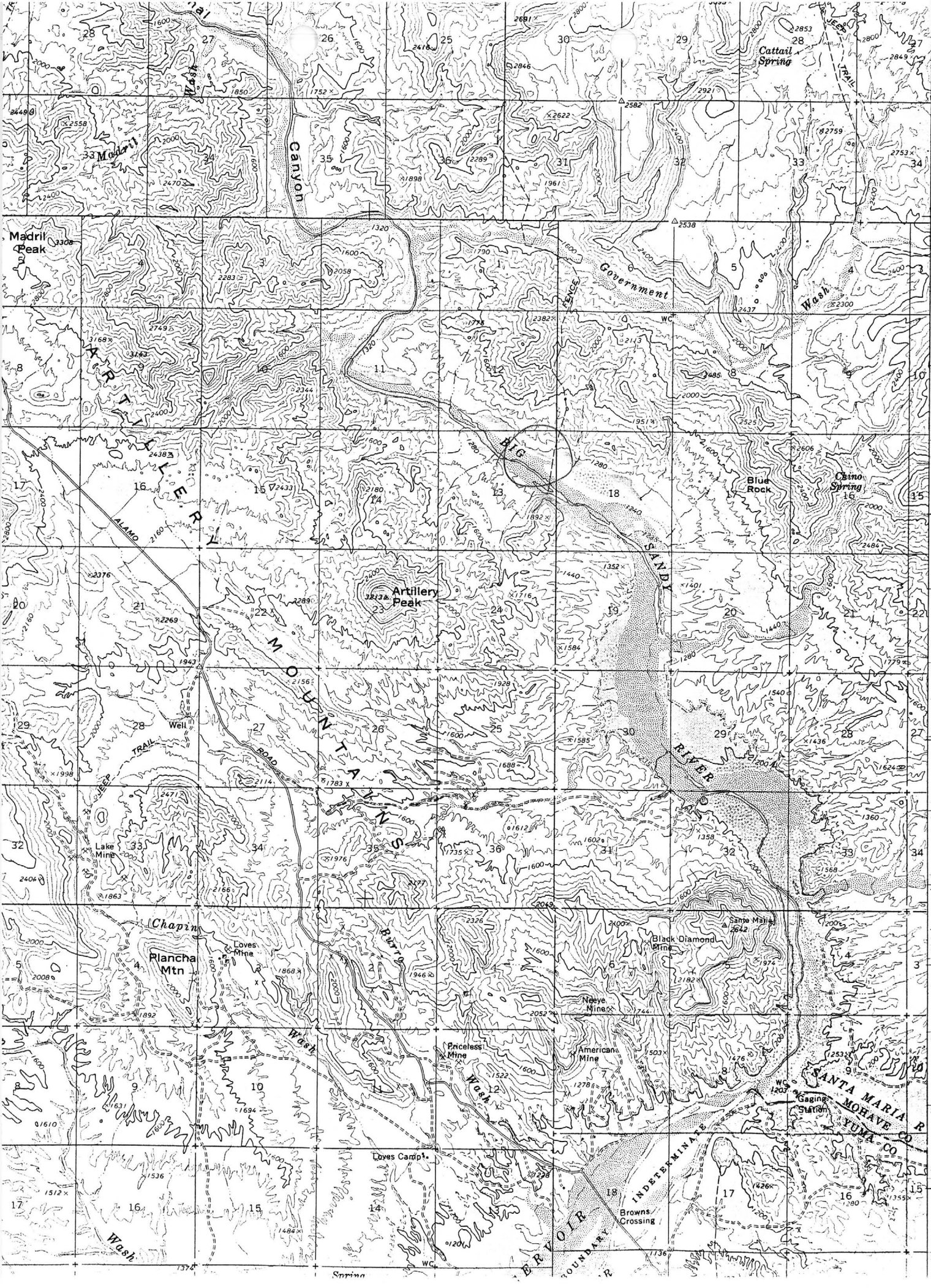
MOHAVE COUNTY MILS NUMBER: 712

LOCATION: TOWNSHIP 12 N RANGE 13 W SECTION 13 QUARTER NE
LATITUDE: N 34DEG 23MIN 10SEC LONGITUDE: W 113DEG 33MIN 42SEC
TOPO MAP NAME: ARTILLERY PEAK - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:
- LITHIUM
- URANIUM

BIBLIOGRAPHY:
- ADMMR CANDY BAR MINE FILE
- AZBM BULL 182, P. 255


Madrid Peak
Modarl Canyon
Cattail Spring
JEEP TRAIL
Government Wash
FENCE
NORTHERN MOUNTAINS
ALAMO ROAD
Artillery Peak
BIG SANDY RIVER
Blue Rock
Chino Spring
Well
JEEP TRAIL
Lake Mine
Chapin
Plancha Mtn
Loves Mine
Burro Wash
Priceless Mine
Loves Camp
Neeve Mine
American Mine
Black Diamond Mine
Santa Maria 2642
Gaging Station
SANTA MARIA R
MOHAVE CO
YUMA CO
INDETERMINATE
Browns Crossing
T. 13 N.
T. 12 N.
T. 12 N.
T. 11 N.
25'
20'

Candy Bar Group (528)
N/2 T. 12 N., R. 13 W. Sec. 13 W½NE¼
Mohave County

Reference: Coal, Oil, Natural Gas, Helium, and Uranium in Arizona by Peirce, Keith, + Wilt (already cited) ABM Bulletin 182

uranium

the area has been prospected

"Unidentified uranium mineralization in Tertiary Castleberry Formation, Eocene) in 3 to 5 foot beds of mudstone and sandstone overlain by red volcanic flows and underlain by red conglomerate. Chip samples ran 0.05 to 0.07 percent U_3O_8."

p. 255

From the desk of Oct. 1957

FRANK P. KNIGHT

CANDY BAR Lithium

Saunders (or Sanders?) and Childs of Texas were working together. Saunders is backed by N. J. people and they are drilling lithium bearing bentonite near Artillery Peak. (according to John Gaither).

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine LITHIUM MINE Date September 9, 1957

District SIGNAL DISTRICT, MOHAVE COUNTY Engineer Lewis A. Smith

Subject:

B. A. Childs, 1913 W. Georgia Ave., Phoenix.

Childs reported the presence of a large lake deposit containing Lithium Carbonate. He is in partnership with Cushman and Saunders. They have over 100 claims and the area has been prospected by 4 widely spaced diamond drill holes which average around 220' in depth.

Samples from these holes showed:-

North 1:	200'	0.623	Li_2Co_3 Li_2O ?
" 2:	200'	0.561	"
CB 1:	232'	0.793	"
CB 2:	275'	1.120	"

The indicated average based on the thicknesses of the Li_2Co_3 bearing bed is about 0.60 Li_2Co_3.

Further drilling is planned in the near future to more closely deliniate the borders and to get more sample checks. This work will probably be on a 400' grid system.

The big problem appears to be how they can separate the Li_2Co_3 and market it since little has previously been done with this material. It is possible that a leaching process may eventually be perfected which will extract the lithium.

(Mr. Childs will later furnish more complete data)

Candy Bar Group (S 28)
N½ T. 12 N., R. 13 W. Sec. 13 W½NE¼
Mohave County

reference: Coal, Oil, Natural Gas, Helium, and Uranium in Arizona by Pearce, Keith, + Wilt (already cited) AIBM Bulletin 182

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