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PRINTED: 11/19/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LITTLE JOE GROUP

ALTERNATE NAMES:

WORKMAN GROUP
WYOMING MINERAL CORPORATION

GILA COUNTY MILS NUMBER: 333B

LOCATION: TOWNSHIP 6 N RANGE 14 E SECTION 19 QUARTER W2
LATITUDE: N 33DEG 50MIN 50SEC LONGITUDE: W 110DEG 58MIN 00SEC
TOPO MAP NAME: MCFADDEN PEAK - 15 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

URANIUM

BIBLIOGRAPHY:

ADMMR LITTLE JOE GROUP FILE
GRANGER & RAUP GEO U DEP DRIPPING SPRINGS
QUARTZITE GILA CO,AZ USGS PP 595 P 2-3
SUPP USGS PP 595 PP 65-73
USAEC PRELIM RECONN REPT 172-480 P 106
USGS MF 1162-H
DOE-RME 2084 DIAMOND DRILLING SIERRA ARCHA
AREA GILA COUNTY (MICROFISCH)
SEE: ADMMR WORKMAN GROUP FILE
SEE: ADMMR WYOMING MINERALS CORPORATION FILE

LITTLE JOE GROUP

GILA COUNTY
SIERRA ANCHA DIST.
T6N, R14E, sec 19

AEC 172-480 p. 106 In AEC files

Open file report PP 595 p. 65
In AEC files

USGS PP 595
USGS Bull. 1046 p. 432

DOE RME 2084 - Diamond Drilling in the Sierra Ancha Area, Gila County. (Microfiche)

USGS MF 1162 H

Information from MINE INSPECTOR'S OFFICE - August 15, 1957

LITTLE JOE MINE & HOPE 3 (2 Claims) Workman Cr. Sierra Ancha Dist 3-12-57

H. C. SMITH, Lessee, P.O. Box 347, Globe, Ariz.

DOWN (200 tons 8 Men (no shut down)

URANIUM ORE

L.A.S.

Little Joe Mine

U

279A

Gila

H.C. Smith (Leased from Thornburg)
Globe, Ariz

~~also has lease on Sue 7-57~~

Started Shipping Nov 56

Swartz 12-56 57 AML - over

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

✓
Mine LITTLE JOE GROUP - 11 claims (1954)

Date May 23, 1957

District Workman Creek Dist., Gila County

Engineer Lewis A. Smith
B. J. Squire

Subject: Workman Creek Uranium

Location: T6N, R14E. Section 19

✓
Owner: Uranium Enterprises, Inc.

✓
Operator: H. C. Smith, Globe, Arizona

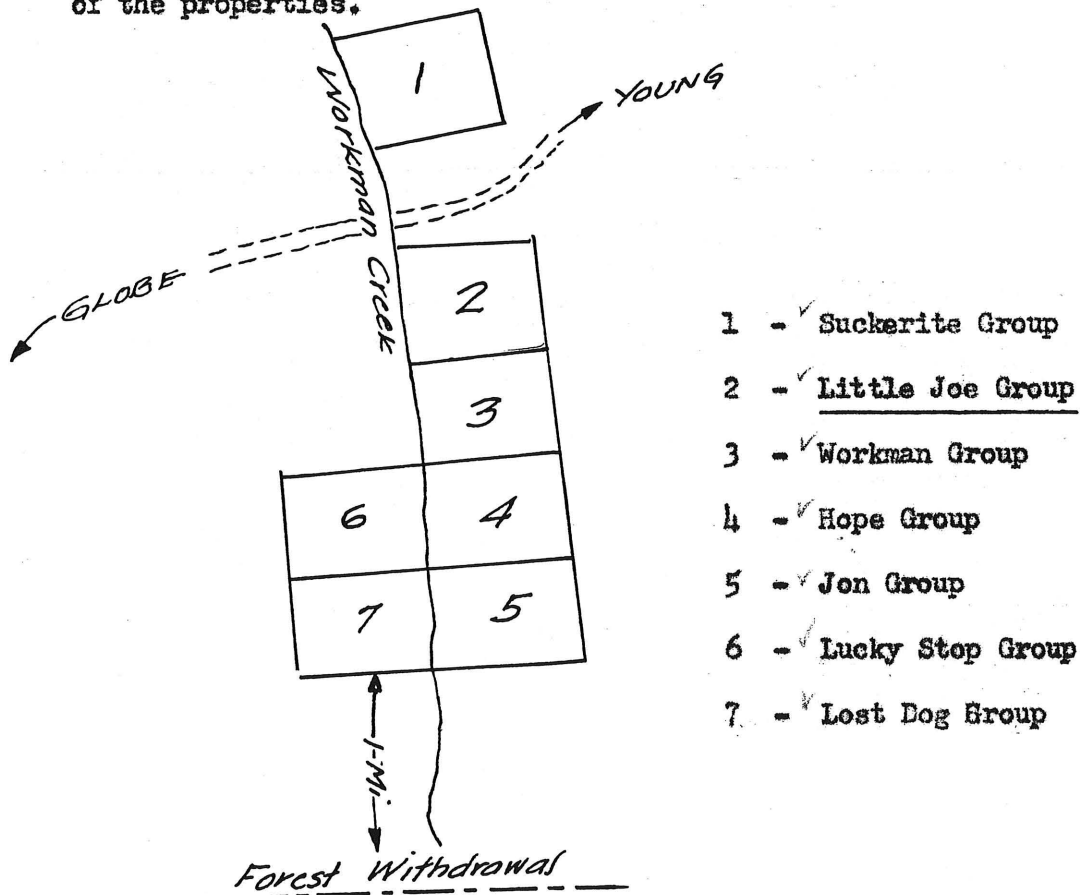
The Little Joe Group is being mined through two entries. The deposits occur on top of the diabase sill, in the Dripping Springs Quartzite. One is in a fault over a "roll" in the diabase while the second occurrence is in a "blanket" which likewise overlies a "roll".

The fault type is being followed by a tunnel while the blanket has been developed from an incline. Two men were working under "Fat" Poor. The incline was serviced by a gasoline hoist and a skip. A new Atlas Kopko, aircooled, compressor was being set up at the tunnel entrance. The ore tenor was reported to be better than average.

May 23, 1957

WORKMAN CREEK URANIUM

B. J. Squire and Lewis A. Smith visited the Workman Creek Area, Thursday, May 23, 1957. The following sketch shows the distribution of the properties.



LITTLE JOE

GILA COUNTY
SIERRA ANCHA DIST.

H. C. Smith reported that he is mining pitchblende ore from the Little Joe Mine in Workman Creek, and has recently mined 200 tons of uranium ore averaging 0.35 percent of U_3O_8 . The ore is being shipped to the Tuba City Mill, owned by Rare Metals Corp. His contract calls for 600 tons. He hopes to reopen the Hope Mine, which he operated earlier under a lease from Continental Uranium Co. Continental shipped some ore to Grants, New Mexico, after the stockpile at Cutter closed. This ore averaged about 0.60 percent U_3O_8 . Smith says that there are some reserves still remaining in this mine of the same grade. He wants to mix this with Little Joe ore to obtain about 0.40 percent uranium. The Workman mines are narrow veins along tension cracks or faults developed in the Dripping Springs quartzite as a result of rolls in the intruded diabase. The ore consists of pitchblende and some autunite. The mining of these narrow veins is difficult and controls are exerted by means of probes which are run into drill holes. The probes are attached to Geiger Counters. Smith stated that the average width of pay dirt is between 1 and 1 1/2 feet. The bits are of tungsten carbide inserted type and are detachable and generally are good for about 250 to 300 feet of hole, depending upon how solid the ground is. It is planned to haul the ore by means of 20 ton trucks.

LEWIS A. SMITH

3-17-60 - Globe ASMOA Meeting