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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BIG CHIEF

ALTERNATE NAMES:

RAILROAD PATENTED MS 1646

YAVAPAI COUNTY MILS NUMBER: 1157C

LOCATION: TOWNSHIP 12 N RANGE 2 W SECTION 5 QUARTER NE
LATITUDE: N 34DEG 24MIN 57SEC LONGITUDE: W 112DEG 29MIN 40SEC
TOPO MAP NAME: GROOM CREEK - 7.5 MIN

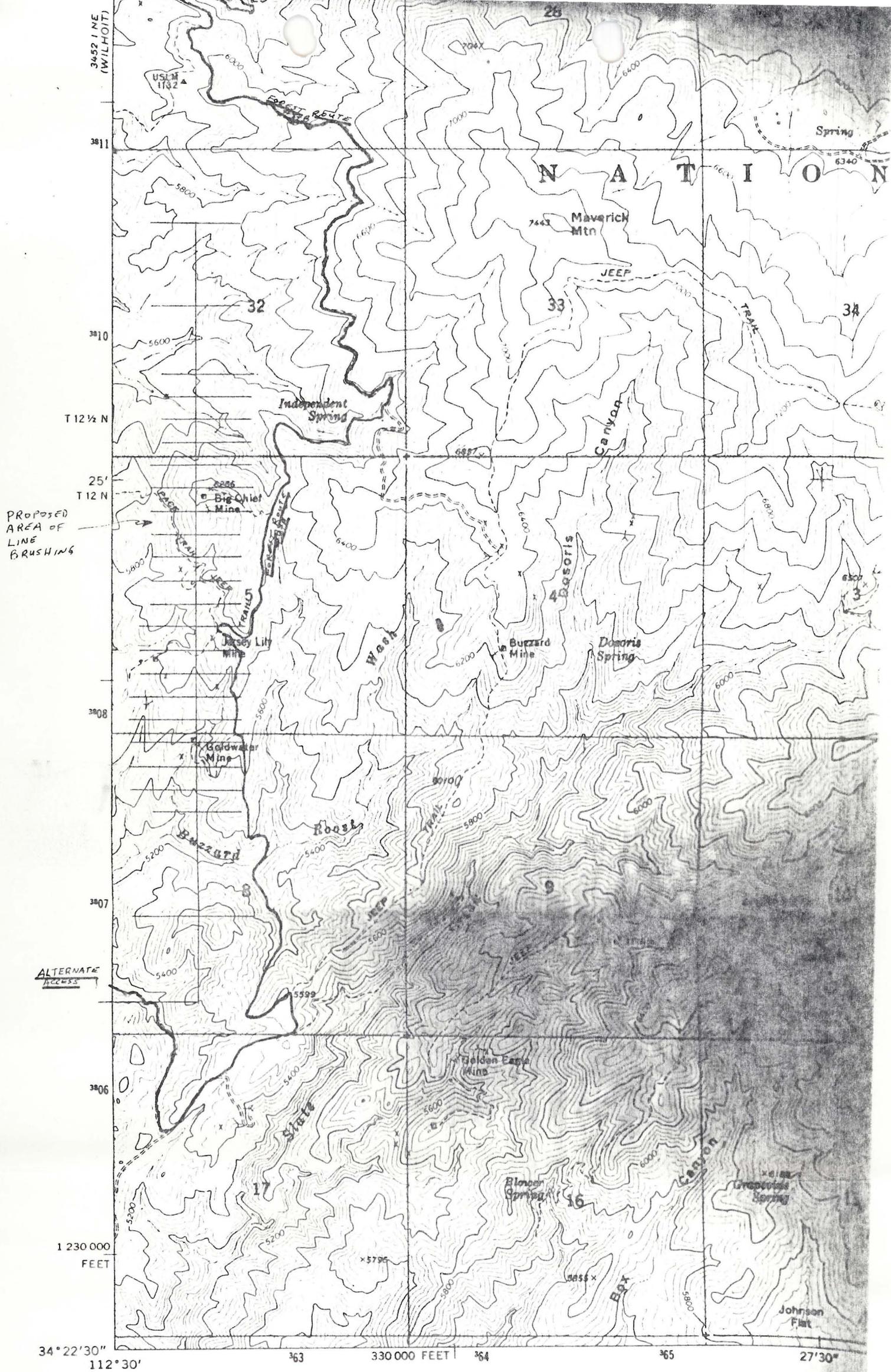
CURRENT STATUS: PAST PRODUCER

COMMODITY:

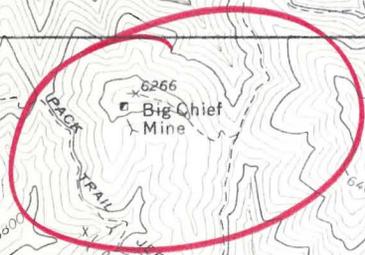
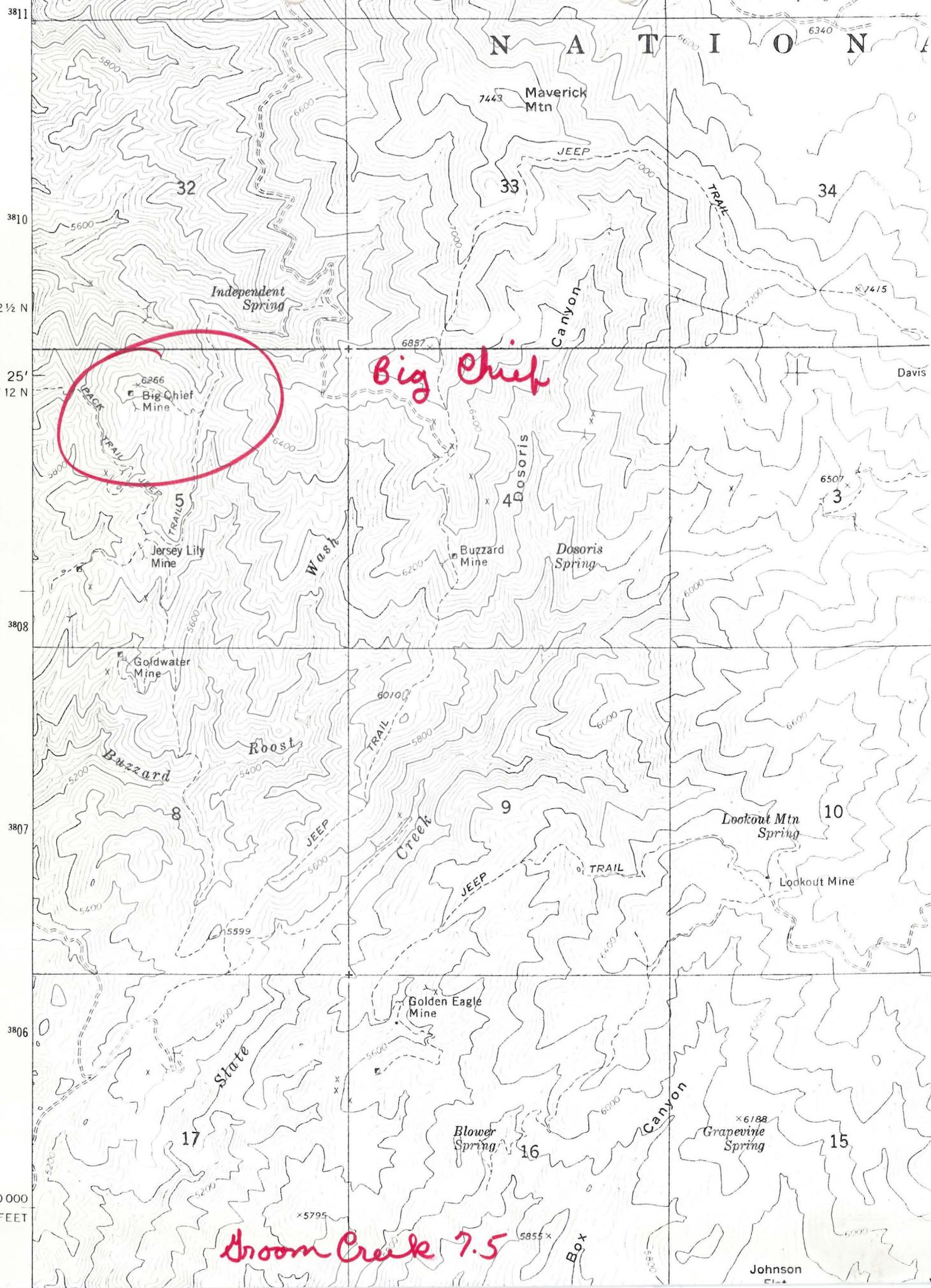
GOLD LODE
SILVER
COPPER

BIBLIOGRAPHY:

USGS GROOM CREEK QUAD
BLM MINING DISTRICT SHEET 242
YAVAPAI MAGAZINE MAY 1918 P 4-5
YAVAPAI MAGAZINE 1921 P 10-11
USGS CRIB INFORMATION
ADMMR BIG CHIEF FILE



N A T I O N A L



Big Chief

Droom Creek 7.5

1:230,000
FEET

BIG CHIEF

YAVAPAI COUNTY

NJN WR 8/7/87: David Colfax, P O Box 1362, San Louis Obispo, California 93406 reported that his family (in laws) own the Jersey Lily Mine (file) Yavapai Co including also the Gold Treasure and Railroad patented claims (Big Chief - file). D. K. McCleilein purchased the property in 1942 and it is now in the name of Ethel Smith (widow).

RECNO M800391
 REC_TYPE S
 REP_DATE 81 11
 FIL_LINK USBM 004 025 0196
 REP LARABA, PETER (DEWITT, ED)
 REP_AFF ABGMT
 SYN BIG CHIEF GROUP, RAILROAD PATENTED CLAIM
 DIST HASSAYAMPA DISTRICT
 COUNTY YAVAPAI
 STATE_CODE AZ
 CTRY_CODE US
 PHYS 12
 DRAIN 15070103
 QUAD1 GROOM CREEK (1974)
 Q1_SCALE 24000
 ELEV 6240 FT
 UTM_N 3809080
 UTM_E 362640
 UTM_Z +12
 TOWNSHIP 012N;
 RANGE 002W;
 SECTION 05
 SECT_FRACT SW OF NE OF NW
 MERIDIAN GILA AND SALT RIVER
 POSITION 5.2 MILES WEST OF MT. UNION LOOKOUT TOWER
 LOCATION UTM MEASURED TO SHAFT; THERE IS AN ADIT TO THE SE OF THE
 SHAFT
 SITE BIG CHIEF MINE
 LAT 34.4158
 LONG -112.4947
 CTRY_NAME UNITED STATES
 COMMOD CU AG AU
 ORE_MAT UNKNOWNNS, PROBABLY GOLD
 MAJOR AU
 MINOR AG CU
 PROD S
 LOC_STRUCT DIKES AND VEINS PARALLEL FOLIATION
 STATUS 8
 NAT_DISC B
 YRFST_PROD 1921
 YRLST_PROD 1942
 OPER W. LAMBUTH, G. KOHLBURNER, BIG CHIEF GOLD MINING CO. (1941)
 EXPL_COM ONE PATENTED CLAIM = RAILROAD. PRODUCTION BEGAN BEFORE 1921,
 WHEN A SHAFT AND SMALL TUNNEL WERE PRESENT
 DEP_TYPE VEIN
 DEP_FORM TABULAR
 DEP_SIZE S
 STRIKE NNW
 DIP STEEP
 DDESC_COM VEIN IS PARALLEL TO INDEPENDENCE VEIN
 QUAD250 PRESCOTT
 DEPTH_WK 200
 D_W_U FT
 LEN_WK 900
 L_W_U FT
 DWORK_COM SHAFT 35 FT DEEP
 MIN_AGE CRET-PALEO UNDATED, PROBABLY PALEOCENE-MIOCENE; POSSIBLY
 PRECAMBRIAN
 NORE_MINS QUARTZ, PYRITE
 ORE_CNTR FAULTING, SHEARING

REG STRUCT FOLIATION IN PRECAMBRIAN ROCKS TRENDS N-S TO N10W
 ALTER NONE
 CONC OXIDATION AT NEAR SURFACE
 HRU_AGE PROT U/PB ZIRCON GREATER THAN 1760 MILLION YEARS
 HRU_NAME UNDIFFERENTIATED GREEN GULCH VOLCANICS
 NAME LARABA, PETER (DEWITT, ED)
 DATE 11/01/81
 ARU_AGE CRET-TERT
 ARU_NAME UNNAMED RHYOLITE DIKES
 CONT_CODE NA
 GEOL_COM DEPOSIT IS VEIN WHICH CUTS PRECAMBRIAN METAVOLCANIC AND
 METASEDIMENTARY ROCKS. RHYOLITE PORPHYRY DIKES OF PROBABLE
 LCRET-TERT AGE ASSOCIATED WITH VEINS
 GEN_COM INFO.SRC : 1 PUB LIT; 2 UNPUB REPT
 REF USBM-ABGMT FILE DATA|ABGMT CLIPPINGS FILE DATA|YAVAPAI
 MAGAZINE, 1921, V. IX, NO. 6, P. 10-11
 CONT_NAME NORTH AMERICA
 STATE_NAME ARIZONA
 WORK_TYPE U
 COMMOD_TYP M
 DATE_ISSUE 95/5/18
 PROF_ID 100
 PROF_LOC 100
 PF_COMMOD 100
 PROF_EXPL 75
 PFDESC_DEP 50
 PFDESC_WRK 100
 PROF_GEOL 92
 PROF_REF 100
 PROF_ALL 79
 HR_AGE_MV PROT , TERT U/PB ZIRCON GREATER THAN 1760 MILLION YEARS ;
 UNDATED
 HR_TYPE_MV AMPHIBOLITE, SLATE, METARHYLITE; RHYOLITE
 AR_AGE_MV PROT TERT U/PB ZIRCON GREATER THAN 1760 MILLION YEARS
 AR_TYPE_MV META-BASALT, RHYOLITE; RHYOLITE
 TYPE R
 AFFIL ABGMT
 DEP_CODE 11000
 HUC 15070103

NOTICE OF INTENT

DESET 2115
GOLD AREA
BIG CHIEF

Operator's Name Homestake Mining Company

Address 7625 West 5th Ave., Lakewood, CO 80226

Area Involved:

Local Place Names:

Buzzard Roost

Location:

T. 12½ N., R. 2 W., Section 32

T. 12 N., R. 2 W., Sections 5, 8

Access:

Proposed Route Forest Route 63-73-97B (Alternate:

Forest Route 72)

Method of Travel (foot, 4x4, etc) 2x4 and 4x4

Pickup trucks

Proposed Operations: (Trenching, drilling site, or road construction, etc.)

Brushing lines in a grid pattern and brushing of existing roads, using chainsaws, axes, and machetes. This grid will consist of a baseline and cross-lines, usually at 400' intervals. These lines will be 3' to 4' wide to permit access through brush. All trees will be left alone. This work will be done intermittently during the period November 1, 1979 through January 31, 1980. A supplemental plan of operation will be submitted, should additional future work be contemplated that might involve surface disturbance.

RECEIVED

OCT 3 1979

FOREST SERVICE
THUMB BUTTE RANGER DISTRICT
PRESCOTT, ARIZONA

