

MRDS RECORD NUMBER.....D009724
RECORD TYPE.....S
REPORTER.....MENZIE, DAVID
REPORTER AFFILIATION.....NMBMMR
REPORT DATE.....82 11
UPDATER.....SEANOR, CLINT E. (WORL, RON)
UPDATER AFFILIATION.....USGS
UPDATE DATE.....84 08
EDITOR

NAME DATE COMMENTS
MENZIE, DAVID 11/01/82
SEANOR, CLINT E. (WORL, RON) 08/01/84

SITE NAME.....PEERLESS MINE
SYNONYM NAME.....PEERLESS GROUP: CLAIMS; (PEERLESS NO. 1); (PEERLESS NO. 2)
MINING DISTRICT/AREA.....CENTRAL DISTRICT

COUNTRY.....UNITED STATES COUNTRY CODE.....US
STATE.....NEW MEXICO STATE CODE.....NM
COUNTY OR PROVINCE NAME.....GRANT

PHYSIOGRAPHIC PROVINCE.....12 BASIN AND RANGE
DRAINAGE AREA.....13030202 RIO GRANDE
LAND STATUS.....01
QUADRANGLE NAME.....FORT BAYARD QUADRANGLE SCALE 1:24000
QUAD 250K.....SILVER CITY
ELEVATION.....6025 FT
UTM NORTHING...3630350 EASTING...767410 ZONE...+12

LATITUDE.....32-46-49N LONGITUDE.....108-08-43W

SECTIONAL FRACTION.....SW
SECTION.....36
TOWNSHIP.....017S
RANGE.....013W
MERIDIAN.....NEW MEXICO
POSITION FROM NEAREST LOCALITY.....ABOUT 7.5 MILES DUE EAST OF SILVER CITY.
LOCATION COMMENTS.....ACCURATE LOCATION IS SHOWN ON USGS GEOLOGIC MAP GQ-865.

COMMODITY TYPE.....METALLIC
COMMODITIES PRESENT.....ZN PB AG CU AU
MAJOR.....ZN PB AG
MINOR.....CU AU
ORE MATERIALS.....SPHALERITE; GALENA; ARGENTIFEROUS GALENA; CHALCOPYRITE; AURIFEROUS PYRITE, SMITHSONITE
NON-ORE MINERALS.....GANGUE: CALCITE, QUARTZ

LOCAL STRUCTURE.....ST. HELENA VEIN SYSTEM
ORE CONTROL.....FAULT-FRACTURE STRUCTURAL CONTROL.
AGE OF MINERALIZATION.....TERT
HOST ROCK.....QUARTZ DIORITE
HOST ROCK AGE.....CRET-TERT
ASSOCIATED ROCK.....QUARTZ DIORITE
ASSOCIATED ROCK AGE.....CRET-TERT

DEPOSIT SIZE.....S
DEPOSIT TYPE.....LODE (VEIN)
DEPOSIT FORM.....PINCH AND SWELL
STRIKE.....N 30 E
DIP.....70 TO 80 SE
DEPOSIT DESCRIPTION COMMENTS.....VEINS ALONG NORTH END OF ST. HELENA VEIN SYSTEM IN CRETACEOUS QUARTZ DIORITE SILL. TWO

PATENTED CLAIMS MINERAL SURVEY NUMBER 1999.

PRODUCTION SIZE.....SMALL
YEAR OF FIRST PRODUCTION.....1885
YEAR OF LAST PRODUCTION.....1952
STATUS AND ACTIVITY.....6 INACTIVE DEVELOPED PRODUCER
YEAR OF DISCOVERY.....1885
NATURE OF DISCOVERY.....ORE MINERAL OR MATERIAL IN PLACE
OWNER (PRESENT/LAST).....C. B. MONROE, SILVER CITY, N. M., AND F. L. MARTIN, SOCORRO, N. M. (1952)
OPERATOR.....NEW MEXICO ORE PROCESSING CO. (1940'S)

DESCRIPTION OF WORKINGS.....UNDERGROUND
LENGTH OF WORKINGS.....1900 UNITS...FT
DEPTH BELOW SURFACE.....325 UNITS...FT
DESCRIPTION OF WORKINGS COMMENTS.....WORKINGS REPORTED IN 1947 CONSISTED OF A 325 FT. INCLINED SHAFT WITH FIVE WORKING LEVELS
CONTAINING ABOUT 1900 FT. OF DRIFTS, CROSSCUTS AND STOPES.

GENERAL COMMENTS.....THIS RECORD CONTAINS DATA FROM RECORD D011727 BY RON WORL WHICH HAS BEEN DELETED FROM MRDS.

REFERENCE....LASKY, S. G., 1936 USGS BULL 870, P. 137
REFERENCE....SOULE, J. H., 1947 USBM RI-4044, 8 P.
REFERENCE....ANDERSON, E. C., 1957 NMBMMR BULL 39, P. 61-62
REFERENCE....JONES, W. R., MOORE, S. L., AND PRATT, W. P., 1970 USGS GEOLOGIC MAP, GQ-865
REFERENCE....NMBMMR GENERAL FILE DATA
INFORMATION SOURCE.....12

CUMULATIVE PRODUCTION

ITEM	ACCURACY	AMOUNT	THOUS UNITS	YEARS	GRADE
ZN	ACC	2.500	MT	1937 TO 1945	12.54% ZN
PB	ACC	1.900	MT	1937 TO 1945	7.70% PB
AG	ACC	1.395	KG	1937 TO 1945	2.49 OZ/TON AG
CU	ACC	0.035	MT	1937 TO 1945	
AU	ACC	0.019	KG	1937 TO 1945	0.03 OZ/TON AU

SOURCE OF PRODUCTION INFORMATION.....SOULE, J.H., 1947, 8 P.
PRODUCTION COMMENTS.....OPENED IN LATE 1800'S BUT MOST OF PRODUCTION WAS DURING 1936-1940, 1942, 1945, AND 1952.
