20 FEB 80  1360  STOPE  1680  LEV.
HELPED WELDER SET UP TO REPAIR
LOOSE STEEL CRIB IN NORTH ORE
PASS. WENT UP TO GRASS FOR SAFETY
TRAINING AT 10:30 AM.

21 FEB 80  1660  U.P.  1680  LEV
SLUSHED TO FILL CRIB. MOVED SLUSHER
TO H.W. SIDE OF PILLAR. STARTED DRILLING
UPPERS TO BREAK F.W. END.

22 FEB 80  1620  U.P.  1680  LEV.
WORKED ON FILL CREW. GOT MORE
BORNITE SPECIMENS.

25 FEB 80  1360  STOPE  1680  LEV.
HELPED TOM LANIER CUT OUT LOOSE
CRIBBING IN NORTH ORE CRIB. PULLED
9 LADDERS OUT OF CRIB.
26 FEB 80 935 STOPE 430 LEV.
SET UP K5 TUGGER ON 430 LEVEL
AND LOWERED NEW EIMCO BUCKET INTO
935 STOPE.

27 FEB 80 FILL RAISE 340 LEVEL
SET UP PULLEYS AND WEIGHT ON
TRAP DOOR OVER FILL RAISE IN EAST
VEIN AND TRAMMED 12 CARS OF FILL.
TOOK TIMBER FROM STATION TO 1015
CHUTE FOR REPAIRS ON CHUTE. DROPPED
SCRAP TIMBER FROM 1015 SCRAM
DRIFT DOWN CHUTE. GOT SOME WOLLASTONITE
FROM STASH ON 340.

28 FEB 80 1220 U.P. 800 LEV.
1220 X CUT IS BEING STRIPPED BECAUSE
THE PILLAR WILL BREAK LEVEL THIS CUT.
SLUSHED D.LYONS RAISE MUCK THRU RAISE
INTO PILLAR. THIS FILLED CRIB. HAD TO
GET CRIB PULLED BEFORE SLUSHING OUT
STRIP MUCK, ROOF BOLTED AND THEN
SLUSHED & HAND MUCKED. SET UP DRILL
For Strip. Got specimens of an unusual glassy green mineral* in a ruby zincite vein. Also some large grains and crystals of bleached willemite in a pink carbonate. *Magnussonite

West green mineral

Central zincite black ore

Yellow willemite pink carbonate with bleached grains

1220 U.P.
800 Lev.

29 Feb 80 1220 Pillar 800 Level


Got 1 more green mineral specimen and 2 zincite-chlorophoenicitic micros from slip #1.

Got $94 bonus for this pillar.
3 MAR 80  1020 STOPE 1300 LEVEL
JUMBO DRILLED UPPERS, 350'.
NO HELPER. CHECKED OUT 750 PILLAR
AND 1020 KOLICITE AREA AT LUNCH TIME.
NO SPECIMENS.

4 MAR 80  1020 STOPE 1300 LEVEL
PRECEDING SHIFT FIRED TWO CHUTE
RAISES IN FOOTWALL DRIFT. SCALED
LOOSE AROUND RAISES AND PUT IN
ONE BOLT. GOT A “53” AND DRILLED
& FIRED A 5’ DRIFT ROUND BETWEEN
THE OLD F.W. DRIFT AND THE NEW
F.W. DRIFT. NO BONUS ON DRIFT.

5 MAR 80  1020 STOPE 1300 LEVEL
DRILLED A 7’ ROUND IN ONE CHUTE
RAISE AND SET UP TO DRILL IN THE
OTHER RAISE. #44 BONUS ON RAISE
6 MAR 80  1020 STOPE  1300 LEVEL
CROSS SHIFT FOULED UP NORTH CHUTE RAISE. DRILLED UPPERS IN STOPE AND FIRED SOUTH CHUTE RAISE.

7 MAR 80  1020 STOPE  1300 LEVEL
HELPED OTTENS MOVE TOOLS OUT OF FOOTWALL DRIFT SO HE COULD USE THE EIMCO TO MUCK OUT THE RAISE AND DRIFT MUCK. DRILLED UPPERS IN STOPE AROUND MANWAY. HELPED PAIVA BOLT H.W. IN EAST BRANCH. SET UP TO DRILL CHUTE STRIP IN DRIFT.

10 MAR 80  1020 STOPE  1300 LEVEL
MACHINE WAS GONE, HAD TO SET UP AGAIN. BEGAN NORTH CHUTE STRIP.

11 MAR 80  1040 STOPE  1300 LEVEL
DRILLED NORTH CHUTE STRIP. WENT UP AT 10:30AM FOR FIRST AID TRAINING.
12 MAR 80 1040 STOPE 1300 LEV.  
FINISHED NORTH CHUTE STRIP. STARTED ON SOUTH CHUTE STRIP. BROUGHT LEG OUT AT QUITTING TIME. NEED A NEW LEG. (FOR "53")

13 MAR 80 1020 STOPE 1300 LEV.  
FINISHED SOUTH CHUTE STRIP. FIRED IT AT QUITTING TIME.

14 MAR 80 1020 STOPE 1300 LEV.  
SOUTH CHUTE STRIP BROKE GOOD. PUT IN 7 ROCK BOLTS AND FIRED NORTH CHUTE STRIP.

17 MAR 80 1020 STOPE 1300 LEV.  
FINISHED BOLTING SOUTH CHUTE AND STARTED ON NORTH STRIP. 19 BOLTS. WAS CHASTISED BY TED FOR BOLTING WITHOUT TORQUE WRENCH.
18 Mar 80  1020 Stope  1300 Lev.


19 Mar 80  1020 Stope  1300 Lev.

Set up Jumbo Drill. Had to repair water hose six times to get started. Drilled 340 feet.

20 Mar 80  1340 U.P.  1200 Lev.


21 Mar 80  1340 U.P.  1200 Lev.

Slushed out rock from top of crib and H.W. Manway. Uncovered both and handmucked around them. Started putting up crib. Helped Surveyors Measure.
THE PILLAR. FOUND A FRIEDELITE VEIN IN THE NORTH RIB NEAR THE H.W. OF THE CENTRAL ZINCITE ZONE. SCALING REVEALED AN OPEN POCKET CONTAINING MANY THIN FLAT FRAGMENTS OF FRIEDELITE COATED WITH JACKSTRAW CALCITE XTALS. SEE SPECIMEN # 308.

1340 S. RIB

MASS BLACK ORE

RED ORE

24 MAR 80 1220 U.P. 1000 LEV.
SCALED AND BOLTED. DRILLED 120' ON A DRIFT ROUND IN THE FOOTWALL.
MSHA INSPECTORS CAME THRU AND FOUND A PIECE OF LOOSE POORLY SECURED DIRECTLY OVER THE SLUSHER.
CHECKED OUT 1260 U.P. AT LUNCH TIME.
A REAL MESS OF BAD GROUND.
25 MAR 80 1260 U.P. 1000 LEV.
SCALED AND BOLTED. 12 BOLTS. GROUND VERY BAD. FIRED 10 BLOCK HOLES.