

24 MAR 82 1540 U.P. 1500 LEV.

SCALED AND BOLTED. 22 BOLTS  
DRILLED AND FIRED A STRIP ON THE  
SOUTH RIB. SLUSHED SOME MUCK INTO  
THE CRIB. GOT 2 HOLDENITES.

25 MAR 82 1540 U.P. 1500 LEV.

DRILLED AND FIRED A STRIP ON THE  
SOUTH RIB. SLUSHED AND TRAMMED.  
38 CARS. (378 SO FAR). GOT SOME  
HOLDENITE AND A BLOB OF GRAPHITE.

26 MAR 82 1540 U.P. 1500 LEV.

SLUSHED OUT MUCK FROM THE LAST  
STRIP ROUND. SCALED AND BOLTED. 15 BOLTS.  
DRILLED AND FIRED A STRIP ON THE SOUTH RIB.

29 MAR 82 1540 U.P. 1500 LEV.

SCALED AND BOLTED. 28 BOLTS.  
DRILLED AND FIRED A STRIP ON THE SOUTH  
RIB. THIS SHOULD BE THE LAST STRIP.

30 MAR 82 ~~1540 U.P.~~ 1500 LEV.

HAD ANNUAL SAFETY TRAINING IN  
MINE OFFICE. WALKED NEAR 'OPEN' PIT  
AT LUNCH TIME. SAW EAST VEIN ORE  
STILL IN PLACE NEAR AN OLD STOPE.

31 MAR 82

1540 U.P.

1500 LEV.

SCALED AND BOLTED. 15 BOLTS. DRILLED AND FIRED A SMALL STRIP ON THE SOUTH RIB AND TWO BLOCK HOLES. ADDED 100' OF CABLE TO THE TAIL ROPE AND DID SOME SLUSHING. GOT SOME PIECES OF A PINK <sup>GARNET</sup> MINERAL IN A FINE GRAIN GNEISS FROM 1500 X-CUT, 1500 LEV.

1 APR 82

1540 U.P.

1500 LEV.

SLUSHED AND TRAMMED. 38 CARS. (416 SO FAR). GOT THE LAST OF THE HOLDENITES. ELLISON GAVE ME A WILLEMITE SPECIMEN FROM 1570 E.

2 APR 82

1540 U.P.

1500 LEV.

SLUSHED AND TRAMMED. 32 CARS. HAD TO GO TO THE SAFETY EXIT AND WAIT FOR AN HOUR DUE TO A FIRE ALARM. GOT SOME FLUORITE. (448 CARS SO FAR)

5 APR 82

1540 U.P.

1500 LEV.

SLUSHED AND TRAMMED. 59 CARS. (507 CARS SO FAR)



6 APR 82 1540 U.P. 1500 LEV.

PUT ROY RUSSMAN TO WORK ON TOP OF THE MUCK PILE. HE FINISHED THE BOLTING. 10 BOLTS. I SLUSHED TO EXPOSE THE LOWER PART OF THE RIBS WHICH NEED TO BE STRIPPED, DRILLED AND FIRED STRIPS ON BOTH RIBS. TODAY WAS THE BLIZZARD OF "82". IT WAS MIKE KOROLY'S TURN TO DRIVE. HIS CAR WAS WRECKED IN SPARTA BY A SKIDDING DATSUN.

I GOT A RIDE HOME WITH JIM JARELL.

7 APR 82 SHAFT

KEN HENDERSON STAYED HOME SO I GOT TO PLAY CAGEMAN. I KEPT TRIPS TO THE SURFACE TO A MINIMUM DUE TO A COLD AND BITING WIND.

8 APR 82 1540 U.P. 1500 LEV.

SCALED AND BOLTED. 8 BOLTS. MUCKED AND TRAMMED. 22 CARS. (529 SO FAR)

13 APR 82 SHAFT

PLAYED CAGEMAN AGAIN.

14 APR 82 1540 U.P. 1500 LEV.

MUCKED AND TRAMMED. 56 CARS. (585 SO FAR)  
REPAIRED BROKEN CLUTCH LEVER ON SLUSHER.



15 APR 82

1540 U.P. 1500 LEV.

MUCKED AND TRAMMED. 36 CARS.

(621 SO FAR) DRILLED HOLES IN SOME LARGE CHUNKS AND USED WEDGE PINS TO BREAK THEM.

16 APR 82

1540 U.P. 1500 LEV.

MUCKED AND TRAMMED. 36 CARS.

(657 SO FAR).

19 APR 82

1540 U.P. 1500 LEV.

MUCKED AND TRAMMED. 24 CARS.

(681 SO FAR) DRILLED AND FIRED THREE STRIPS ON SOUTH RIB AND 5 BLOCK HOLES.

20 APR 82

1540 U.P. 1500 LEV.

SCALED AND BOLTED RIBS. 22 BOLTS.

21 APR 82

1540 U.P. 1500 LEV.

PUT ONE MORE BOLT IN NORTH RIB. DRILLED HOLES FOR SLUSHER PINS IN THE END OF THE DRIFT ROUND. ADDED 50' OF CABLE TO THE PULL ROPE. SLUSHED AND TRAMMED. 26 CARS. (707 SO FAR)

GOT SOME PYROPE-SILLIMANITE FROM 1500 X-CUT.

22 APR 82

1540 U.P. 1500 LEV.

MUCKED AND TRAMMED. 20 CARS. (727 SO FAR)

I AM SLUSHING ABOUT 200 FEET WHICH MAKES FOR SLOW GOING.



23 APR 82 1540 U.P. 1500 LEV.

MUCKED AND TRAMMED. 40 CARS.  
(767 SO FAR).

26 APR 82 1540 U.P. 1500 LEV.

SCALED AND BOLTED THE DRIFT ROUND  
IN THE HANGING WALL. 7 BOLTS. DRILLED  
AND FIRED STRIPS ON BOTH RIBS.

27 APR 82 1540 U.P.

SCALED AND BOLTED. 10 BOLTS. CAME  
UP TO THE MINE OFFICE ~~AT~~ AT 2 PM  
TO GET A PHYSICAL FOR THE MINE  
RESCUE TEAM.

28 APR 82 1540 U.P.

FINISHED BOLTING. 4 BOLTS. BEGAN  
FINAL CLEAN OUT AND HAND MUCKING.

29 APR 82 1540 U.P.

SLUSHED AND HAND-MUCKED. GOT TWO  
PIECES OF PYROPE/ALMANDINE & SILLIMANITE.

30 APR 82 1540 U.P.

SLUSHED AND HAND-MUCKED. CRIB IS  
ALMOST FULL. IT HAS TO BE FULL WHEN  
THE FOOTWALL SECTION IS FIRED.

3 MAY 82 1540 U.P.

SLUSHED, HANDMUCKED AND TRAMMED. 20 CARS.  
CRIB ALMOST FULL AGAIN. (787 CARS SO FAR)

4 MAY 82 1540 U.P. 1500 LEV.

SLUSHED, HAND-MUCKED AND TRAMMED.  
20 CARS. (807 SO FAR)

5 MAY 82 1540 U.P.

SLUSHED, HAND-MUCKED AND TRAMMED.  
40 CARS. (847 SO FAR)

6 MAY 82 1540 U.P.

SLUSHED, HAND-MUCKED AND TRAMMED.  
20 CARS. (867 SO FAR)

7 MAY 82 1260 U.P. 1000 LEVEL

WORKED WITH ROY RUSSMAN TODAY.  
WHAT WE HAD TO DO IS HARD TO EXPLAIN  
SO I WONT BOTHER. GOT SOME 1260  
MICROS. SARKINITE, ETC.

10 MAY 82 1540 U.P. 1500 LEV.

SLUSHED, HAND-MUCKED AND TRAMMED.  
20 CARS. (887 SO FAR)

11 MAY 82 1540 U.P.

SLUSHED, HAND-MUCKED AND TRAMMED.  
36 CARS. (923 SO FAR). DOMINIC

LORENZO SHOWED ME SOME ALLACTITES  
FROM 1380 U.P., 1300 LEV. THEY ARE HUGE!



12 MAY 82 1020 ST. 1200 LEV.

SCALED AND BOLTED. 16 BOLTS. HAD TO USE "LONG LEG" AND START ALL HOLES WITH 9' STEEL. WENT INTO 1380 UCP, 1300 LEV AND GOT SOME ALLACTITES, + AN UNKNOWN. #468

13 MAY 82 1540 U.C.P. 1500 LEV.

SLUSHED AND HAND-MUCKED. GOT ENOUGH DONE TO FIRE FOOTWALL SECTION, STARTED MOVING TOOLS AND SCRAP ROOF BOLTS TO THE HANGING WALL. CLIMBED UP TO 1380 U.C.P. AT LUNCH BREAK. GOT AN ALLACTITE AND TWO ALLEGHANYITES. #471  
THE SLIP THE CRYSTALS ARE ON STRIKES APPROX. NORTH-SOUTH AND DIPS ABOUT 45° WEST; JUST LIKE THE KRAISSLITE SLIPS IN 1010 STOPE 800 TO 700 LEV.

14 MAY 82 1540 U.C.P.

MOVED SLUSHER, JUMBO DRILL, AND ALL TOOLS TO THE HANGING WALL SIDE OF THE CRIB. LOADED THE SLOT. 50 LBS OF NILITE. MADE A COVER FOR THE FOOTWALL MANWAY. FIRED AT QUITTING TIME. DOMINIC SOLD HIS BEST ALLACTITE TO ZIPCO. I HAD HOPED TO GET IT.



17 MAY 82 1540 U.C.P. 1500 Lev.

SLOT BROKE GOOD. LOADED AND FIRED THE REST OF THE FOOTWALL ROUND, 210 LBS NILITE, 70 POUNDS ATLAS.

18 MAY 82 1540 U.C.P.

ROUND BROKE GOOD. SCALED AND BOLTED. 12 BOLTS. BAD GROUND - LOTS OF BIG CRACKS. FOUND A VEIN OF BARITE. GOT ONE PIECE WITH GOOD CRYSTALS. THE VEIN IS ALONG A SLIP ABOUT 20' FROM THE FOOTWALL CONTACT OF THE CENTRAL ZINCITE ZONE AND APPROXIMATELY PARALLEL TO IT (F/W)

19 MAY 82 1540 U.C.P.

SCALED AND BOLTED. 18 BOLTS. SLOW GOING IN BAD GROUND. DRILLED AND FIRED THREE LARGE CHUNKS ON TOP OF THE MUCK PILE.

20 MAY 82 1540 U.C.P.

SCALED AND BOLTED. 29 BOLTS.

21 MAY 82 1540 U.C.P.

SCALED AND BOLTED. 20 BOLTS. I CAN'T PUT ANY MORE IN UNTIL WE SET UP THE SLUSHER AND SCRAPE SOME MUCK OFF THE TOP OF THE PILE. DRILLED & FIRED A STRIP ON THE SOUTH RIB.



1 JUN 82 1540 U.P. 1500 Lev.  
SCALED AND BOLTED. 4 BOLTS. DRILLED  
TWO STRIPS. 80'. SET UP SLUSHER.

2 JUN 82 1540 U.C.P.  
HAD TO RUN THE ORE. IT TOOK TWO  
HOURS DUE TO MANY LARGE CHUNKS IN  
THE ORE PASS. HAD TO FIRE TWICE ON  
1300 LEVEL. FINISHED SETTING UP  
SLUSHER IN 1540. MOVED ALL TOOLS  
OFF THE MUCK PILE. PULLED 27 CARS  
OUT OF THE CRIB. (950 SO FAR)

3 JUN 82 MINE RESCUE TRAINING.  
GOT 8 hours training on the  
McCaa breathing apparatus.

4 JUN 82 1540 U.C.P. 1500 Lev.  
HAD TO USE A SCALING BAR TO GET THE  
MUCK TO RUN INTO THE RAISE BORE HOLE.  
SLUSHED TO FILL THE HOLE THIS MADE IN  
THE MUCK PILE. SCALED AND BOLTED. SIX  
BOLTS. FINISHED DRILLING A STRIP ON  
THE FOOTWALL. FIRED IT AND A STRIP ON  
THE SOUTH RIB AT 3:PM

7 JUN 82 1540 U.C.P. 1500 Lev.

SLUSHED SOME MUCK OFF THE TOP OF THE PILE. SCALED AND BOLTED. 27 BOLTS.

8 JUN 82 1540 U.C.P.

SCALED AND BOLTED. 4 BOLTS. SLUSHED AND TRAMMED. 58 CARS.

9 JUN 82 1540 U.C.P.

SLUSHED AND TRAMMED. 42 CARS. JIM HAD TO FIRE THE CHUTE 4 TIMES.

(1050 SO FAR)

10 JUN 82 1540 U.C.P.

SLUSHED AND TRAMMED. 110 CARS.

(1160 SO FAR)

11 JUN 82 MINE OFFICE

GOT ANOTHER EIGHT HOURS OF TRAINING FOR THE MINE RESCUE ~~TEAM~~ TEAM. LEARNED HOW TO TEST FOR TOXIC GASSES.

14 JUN 82 1600 LEVEL

CLEANED UP A CARLOAD OF USED ROCK BOLTS AND TOOK THEM TO THE STATION. ADJUSTED FILL PIPE BY BULKHEAD DOOR SO ORE CARS WOULD NOT HIT IT. HELPED JARREL REPLACE PLATFORM IN 1580 F/W RAISE. OLD ONE HAD ROTTED AWAY.



15 JUN 82 1020 STOPE 1200 LEVEL

HELPED DOUG TODAY. WE PUT IN 21 ROOF BOLTS, MUCKED AND TRAMMED. 33 BIG CARS. I HAD TO GO DOWN TO 1400 LEVEL TO RUN THE ORE. GOT SOME EAST BRANCH MICROS. LOOKS LIKE ~~KOLLEITE~~ <sup>RHODOCHROSITE</sup>.

16 JUN 82 1020 STOPE

HELPED DOUG BOLT THE HANGING WALL. 10 BOLTS, MUCKED AND TRAMMED. 30 CARS. DRILLED AND FIRED A STRIP ON THE FOOTWALL. GOT A PIECE OF YELLOW WILLEMITE FROM THE H/W.

17 JUN 82 1020 STOPE

MUCKED AND TRAMMED. 54 CARS. DRILLED AND FIRED A BIG STRIP ON THE FOOTWALL OFF THE EAST BRANCH.

18 JUN 82 MINE OFFICE

HAD ANOTHER EIGHT HOURS OF MINE RESCUE TRAINING. LEARNED HOW TO USE THE CHEMOX BREATHING APPARATUS.

21 JUN 82

SHAFT

GOT TO PLAY CAGEMAN AGAIN TODAY.  
DOUG FRANCISCO FIRED A SMALL STRIP  
IN 1020 STOPE AT THE SITE OF THE LAST  
KOLICITE FIND. I PURCHASED THE RESULTS.

22 JUN 82 1540 U.C.P. 1500 LEV.

SCALED AND BOLTED RIBS. 15 BOLTS.  
DRILLED AND FIRED A STRIP ON THE  
FOOTWALL AND 8 BLOCK HOLES. PUT THE  
GRIZZLY RAIL ON THE CRIB. HAD YEARLY  
HEARING TEST AT 7 AM.

23 JUN 82 1540 U.C.P.

SCALED LOOSE. SLUSHED MUCK OFF  
FOOTWALL MANWAY AND HAND MUCKED AROUND  
IT. PUT LADDERS BACK IN. SLUSHED TO  
FILL CRIB SO WE CAN BOLT A BAD AREA  
NEXT TO IT. GOT THE SECOND HALF OF  
DOUG'S KOLICITE FIND.

24 JUN 82 1540 U.C.P.

FILLED CRIB. SCALED AND BOLTED AROUND  
IT. 7 BOLTS. SLUSHED AND TRAMMED.  
30 CARS. (1190 SO FAR). GOT SOME  
KOLICITE THUMBNAI LS FROM DOUG.



25 JUN 82 1660 U.C.P. 1600 LEVEL  
SLUSHED AND TRAMMED. BROKE A CLUTCH  
BAND ON THE SLUSHER. CHARLIE FITZ-  
PATRICK CAME DOWN AND FIXED IT.

28 JUN 82 1540 U.C.P. 1500 LEV.  
SLUSHED AND TRAMMED. 86 CARS.  
(1276 SO FAR) DRILLED SOME BIG  
CHUNKS AND BROKE THEM WITH WEDGE  
PINS.

29 JUN 82 1540 U.C.P.  
SLUSHED AND HAND MUCKED. THE  
SURVEYORS WERE IN TODAY TO MEASURE  
THE PILLAR.

30 JUN 82 1540 U.C.P.  
FINISHED SLUSHING AND HAND MUCKING.  
TOOK A BENT PIECE OF CRIBBING OFF THE  
CRIB. PULLED THE CHUTE. 34 CARS. (1310 SO FAR)

1 JUL 82 1540 U.C.P.  
PULLED CHUTE EMPTY. 31 CARS. (1341 TOTAL)  
LOWERED CRIBBING FROM 1400 LEVEL AND  
PUT UP 7 RINGS. GOT 2 NICE KOLICITES  
AND AN ALLACTITE FROM DOUG.  
#472

2 JUL 82 1540 U.C.P. 1500 LEV.

USED SLUSHER TO DIG A TRENCH IN THE FILL FROM THE F/W MANWAY TO THE EAST SIDE OF THE CRIB. WE HAVE TO CONSTRUCT A WALKWAY. IT IS NEEDED FOR ACCESS TO 1500 LEV. WHEN THE F/W MANWAY IS COVERED WITH MUCK.

HUNG THE SLUSHER BUCKET AND THE JUMBO DRILL. RIGGED A SLING ON THE SLUSHER. IT IS NOW READY TO BE HUNG WITH A COME-ALONG. GOT 2 KOLICITES FROM DOUG.

19 JUL 82 1540 U.C.P.

HUNG SLUSHER WITH COME-ALONG. STARTED BUILDING WALKWAY.

20 JUL 82 1540 U.C.P.

WORKED ON WALKWAY.

21 JUL 82 1540 U.C.P.

WORKED ON WALKWAY. THE PRELIMINARY CONTRACT SLIP WAS POSTED TODAY. WE BROKE 3105 TONS.

22 JUL 82 1540 U.C.P.

WORKED ON WALKWAY.



23 JUL 82 1540 U.C.P. 1500 LEV.

WORKED ON WALKWAY, SLUSHED

26 JUL 82 1540 U.C.P.

FINISHED WALKWAY AND FILL PREP.

27 JUL 82 1660 U.C.P. 1600 LEV.

BUILT DAMS UNDER 1540 CHUTE AND  
INSTALLED PUMP FOR FILL WATER. WENT  
DOWN TO 1660 U.C.P. AND SLUSHED.

28 JUL 82 1660 U.C.P.

REPLACED DEFECTIVE AIR HOSE, PUMP,  
AND DISCHARGE HOSE UNDER 1540 CHUTE.  
VERY LITTLE FILL WATER IS COMING DOWN  
THE CRIB. MOST OF IT IS RUNNING OUT  
THRU CRACKS INTO THE ADJOINING STOPES.  
SLUSHED AND TRAMMED IN 1660 U.C.P.

29 JUL 82 1540 U.C.P. 1500 LEV.

WORKED ON FILL CREW.

30 JUL 82 1660 U.C.P. 1600 LEV.

SLUSHED AND TRAMMED. SAW SOME  
MICROS, ONLY ONE GOOD ENOUGH TO TAKE.



2 AUG 82 CRUSHER 1100 LEVEL  
CRUSHED 35 SKIPS BY 10:30 AM.  
TOOK SCRAP BOX INTO 1920 CRUSHER.  
RECLAIMED SOME VICTAULIC CLAMPS  
ON 1300 LEVEL. AIR SHOVELLED  
MUCK IN 1020 CROSS CUT 430 LEVEL.  
GOT INTO 1020 STOPE 1200 LEVEL AT  
LUNCH TIME AND GOT A ZINCITE <sup>#479</sup> XTAL  
FROM A VEIN ON THE FOOTWALL.

3 AUG 82 CRUSHER 1100 LEVEL  
RAN THE CRUSHER ALL DAY. HAD TO  
FIRE IN THE ORE PASS TO GET THE  
MUCK TO RUN DOWN. GOT A PIECE OF  
ZINCITE ORE AND SOME KIND OF <sup>WILLEMITE</sup> XTAL.

4 AUG 82 CRUSHER 1920 LEVEL.  
RAN THE CRUSHER. HAD TO FIRE IN THE  
ORE PASS. GOT A PIECE OF ZINCITE ORE.

5 AUG 82 CRUSHER 1920 LEVEL.  
RAN CRUSHER. HAD TO GET A FUSE  
REPLACED. GOT SOME 1660 V.C.P. MICROS.



6 AUG 82

MINE RESCUE TRAINING.

9 AUG 82

1540 U.C.P. 1500 LEVEL

SHOWED ED STOLL HOW TO RUN THE CRUSHER. WENT TO 1540 AND TOOK DOWN THE SLUSHER AND JUMBO DRILL. SET UP JUMBO AND DRILLED 108'. GOT THE SLIP TODAY FROM THE LAST CONTRACT. IT PAID \$3.36 PER HOUR. I GOT \$2,884.56

10 AUG 82

1540 U.C.P.

DRILLED WITH JUMBO. 450'

11 AUG 82

1540 U.C.P.

DRILLED WITH JUMBO AND JACKLEG. 450'

12 AUG 82

1660 U.C.P.

1600 LEV.

SCALED AND BOLTED. DRILLED AND FIRED STRIPS ON BOTH RIBS. SCALED LOOSE IN 1140 X-CUT AT LUNCH TIME.

13 AUG 82 1540 U.C.P. 1500 Lev.

DRILLED WITH JUMBO AND JACKLEG.  
450'. HAD TO HOOK UP SLUSHER AND  
MOVE IT OUT OF THE WAY. GOT SOME  
SILLIMANITE - GARNET FROM 1500 X-CUT.

16 AUG 82 1540 U.C.P.

MOVED SCRAP FROM THE TOP OF  
OUR RAISE TO THE STATION. DRILLED  
WITH JUMBO AND JACKLEG. 486'.

17 AUG 82 1540 U.C.P.

DRILLED UPPERS WITH JUMBO AND  
JACKLEG. 475'.

18 AUG 82 1540 U.C.P.

DRILLED UPPERS WITH JUMBO AND  
JACKLEG. 500'.

19 AUG 82 1540 U.C.P.

DRILLED UPPERS WITH JUMBO. 375'.

BIG JIM MISSED WORK TODAY.



20 AUG 82 1540 U.C.P. 1500 Lev.

DRILLED UPPERS WITH JUMBO AND JACKLEG.  
325'. WORKED ALONE BEFORE LUNCH. ED  
KEITH CAME DOWN AFTER LUNCH AND DRILLED  
WITH THE JACKLEG.

23 AUG 82 1540 U.C.P.

DRILLED UPPERS WITH JUMBO. 330'.

24 AUG 82 1540 U.C.P.

DRILLED UPPERS WITH JUMBO AND JACKLEG.  
300'. HAVE DRILLED ALL THE HOLES THAT  
CAN BE DRILLED WITH THE JUMBO. WILL  
FINISH UP WITH THE JACKLEG.

25 AUG 82 1540 U.C.P.

DRILLED UPPERS WITH JACKLEG. 260'.  
SCALED LOOSE IN 1500 X-CUT AT LUNCH  
TIME. NADA.

26 AUG 82 1540 U.C.P.

DRILLED UPPERS WITH JACKLEG. 250'. GOT A  
PIECE OF WOLLASTONITE FROM 1140 X-CUT. GOT A  
KOLICITE SPECIMEN FROM DOUG.

27 AUG 82 1540 U.C.P. 1500 Lev.

FINISHED DRILLING UPPERS. 60'

STARTED A TEST HOLE IN THE HANGING WALL. DRILLED 34'. 0-20 RK, 20-22 ORE, 22-33 RK, 33-34 ORE. BROUGHT OUT A MICROPHARMACOLITE SPECIMEN.

30 AUG 82 1540 U.C.P.

FINISHED FIRST TEST HOLE. ORE 34' - 49', ROCK 49' - 54'. STARTED ANOTHER HOLE AT +50°. DRILLED 25' ALL ROCK.

31 AUG 82 1540 U.C.P.

PUSHED SECOND TEST HOLE TO 51'. NO ORE. MOVED SLUSHER TO THE FOOTWALL. STARTED LOADING UP-HOLES. 100 LBS ANFO. BROUGHT HOME SOME WOLLASTONITE FROM THE 1140 X-CUT STASH.

1 SEP 82 1540 U.C.P.

LOADED UP-HOLES. 500 LBS. ANFO. HAD TO GET 10 BAGS FROM THE MAGAZINE. LOADER BROKE AT 1:30 PM. COULD NOT GET A NEW ONE.



2 SEP 82 1540 U.C.P. 1500 LEV.  
LOADED UP-HOLES. 700 LBS. ANFO AND  
50 LBS. STICK POWDER.

3 SEP 82 1540 U.C.P.  
FINISHED LOADING UP-HOLES. 150 LBS.  
ANFO AND 50 LBS. STICK POWDER. WIRED  
UP SIX SERIES AND FIRED AT 3:30.  
TOTAL OF 1400 LBS. EXPLOSIVES IN THIS  
ROUND.

7 SEP 82 1540 U.C.P. 1500 LEV  
ONLY TWO SERIES WENT OFF FRIDAY.  
THE THIRD WAS CUT OFF WHEN A LARGE  
SLAB FELL ON IT. REWIRED THIRD SERIES.  
FIRED AT 3:30 P.M. WENT UP TO 1300 LEV  
AT 10 AM. DRILLED A STRIP IN THE  
SOUTH RIB OF 1300 X-CUT. USED A "COME-  
ALONG" TO RAISE A SLUSHER OFF A FLAT  
CAR. BOLTED SKIDS ON THE SLUSHER.  
THE "COME-ALONG" JAMMED SO WE HAD TO  
LEAVE THE SLUSHER HANGING. GOT MORE  
MANGANAXINITE FROM 1340 RAISE.

8 SEP 82 1540 U.C.P. 1500 LEV.

REFIRED THREE MIS-HOLES AT BREAK TIME. SCALED LOOSE AND SET UP TO BOLT. 4 BOLTS. GROUND IS VERY BAD; GETTING STARTED WILL BE DIFFICULT.

9 SEP 82 1540 U.C.P. 88 YAM 01

PUT IN 4 BOLTS. GOT ON TOP OF THE MUCK PILE AND SCALED LOOSE OFF THE BROW. SOME BIG PIECES CAME DOWN. SLIKER DECIDED THE GROUND IS TOO BAD TO BOLT FROM THE FOOTWALL SIDE. WE PULLED OUR TOOLS UP THRU THE F/W RAISE AND STARTED TAKING THEM DOWN THE H/W RAISE.

10 SEP 82 1540 U.C.P. 88 YAM 21

SET UP TO BOLT STARTING AT THE H/W RAISE. 26 BOLTS.

13 SEP 82 1540 U.C.P. 88 YAM 01

SCALED AND BOLTED. 21 BOLTS. NOW GOING THRU THE AREA WHERE THE SAND-FILLED CRACK IS.



14 SEP 82 1540 U.C.P. 1500 LEV.

SCALED AND BOLTED. 3 BOLTS.

MY HELPER HAD TO GO HOME AT 9 AM.

HELPED THE CAGEMAN MOVE HEAVY EQUIPMENT IN THE SHAFT. WENT TO

500 LEVEL AFTER LUNCH AND MOVED A CAAVO FROM 1100 U.C.P. TO THE STATION.

SAW SOME MICROS IN 1020 SUB DRIFT.

SAW SOMETHING SIMILAR TO TIRODITE - PYROXMANGITE IN 1060 U.C.P.

15 SEP 82 1660 U.C.P. 1600 LEV.

WORKED ON FILL CREW. GOT SOME 1660 MICROS.

16 SEP 82 FILL CREW

FINISHED FILLING 1660 U.C.P., 1600 LEV.

TOOK HOSES AND TELEPHONE TO 1380 U.C.P., 1300 LEVEL AND STARTED FILLING.

17 SEP 82 1540 U.C.P. 1500 LEV.

SCALED AND BOLTED. 20 BOLTS, WORKING THRU BAD GROUND. —————