

9 MAY 83 1660 U.C.P. 1600 LEVEL
SCALED AND BOLTED. 15 BOLTS. DRILLED
AND FIRED A RAISE THRU TO 1600 LEVEL
ON THE H/W CONTACT OF THE RED ORE.
GOT A SMALL SPHALERITE XL.

10 MAY 83 JURY DUTY

11 MAY 83 1660 U.C.P.
TRAMMED ON 1750. 35 CARS. SCALED
LOOSE IN THE PILLAR AND BROKE UP SOME
BIG CHUNKS LOOKING FOR FRANKLINITE
XLS. GOT TWO AND SOME PURPLE STUFF
IN THE CALCITE AROUND THEM. ALSO DID
SOME SLUSHING.

12 MAY 83 1660 U.C.P.
SLUSHED TO LEVEL OFF THE TOP
OF THE MUCK PILE. SCALED LOOSE AND
BOLTED BOTH RIBS WITH SPLIT-SETS,
13 BOLTS. GOT SOME ZINCITE MICROS.

13 MAY 83 MINE RESCUE TRAINING
WALKED AROUND UNDERGROUND WITH THE
MCCAAS AND PUT OUT AN OIL FIRE.

16 MAY 83 DDH 464 1000 ST. 1100 LEVEL
DRILLED FROM 175' TO 195'. ALL WHITE
ROCK WITH VERY SPARSE WILLEMITE. HIT
A CRACK AT 195' AND THE HOLE IS NOW
MAKING ABOUT 5 GAL PER MINUTE WATER.
FRANCISCO GAVE ME A 1020 ST. MICRO
TO CHECK OUT. LOOKS LIKE ALLEGHANYITE.

17 MAY 83 DDH 464

EXTENDED THE HOLE 3' PAST THE
WATER. DAVE SMITH WANTS ME TO
GROUT THE HOLE. WENT DOWN TO
1200 LEVEL TO WORK WITH TALMADGE
AND VAN STRANDER.

18 MAY 83 1540 U.C.P. 1400 LEV.

WORKED WITH STEVE YANECKO. WE
DRILLED A STRIP ON THE NORTH RIB AND
FIRED AT BREAK TIME. SCALED AND
BOLTED. 32 BOLTS.

19 MAY 83 935 STOPE 500 LEV.

TRAMMED ON 500 LEVEL. 102 CARS.

20 MAY 83 DDH 464 1000 ST. 1100 LEVEL

SLIKER DECIDED NOT TO GROUT THE HOLE. DRILLED TO 210' WITH THE BULL BIT. ALL WHITE CUTTINGS. HAD TROUBLE THE FIRST TEN FEET. THE WATER PRESSURE IN THE HOLE IS HIGHER THAN THE WATER LINE PRESSURE. THIS CAUSED THE DRILL CUTTINGS TO BE FLUSHED BACK INTO THE CORE BARREL, PLUGGING THE BIT. ONCE THE CORE BARREL GOT PAST THE CRACK THE FLOW THRU THE BIT REVERSED TO NORMAL.

23 MAY 83 DDH 464

CORED FROM 210' TO 225'. ALL WHITE MARBLE W/ GRAPHITE AND A HUMITE.

FREQUENT BIT PLUGS, ELLISON GAVE ME SOME VEIN RHODONITE FROM 1250 ST.

FOOT WALL DRIFT, 800 LEVEL.

24 MAY 83 1540 U.C.P. 1400 LEVEL
HELPED STEVE YANECKO JR. SCALE AND
BOLTS, 16 BOLTS. SCALED LOTS OF
LOOSE. GOT SOME MICROS FROM THE
SOUTH RIB NEAR THE ORE CRIB.

25 MAY 83
FILLED IN FOR HENDERSON AS CAGEMAN

26 MAY 83 DDH 464 EAST VEIN 1100 LEVEL
CORED FROM 225' TO 230'. ALL WHITE
ROCK. HOLE FINISHED. WENT DOWN TO
1200 LEVEL TO HELP TALMADGE LOAD AND
FIRE A CHUTE STRIP FOR 1570 E. STOPE.

27 MAY 83 935 STOPE 430 LEVEL
TRAMMED ON 500 LEVEL. 120 CARS. THE
MUCK HAD A VERY STRONG AMMONIA
SMELL.

31 MAY TO 3 JUN 83
CAGEMAN ALL WEEK

6 JUN 83 1020 ST. 1200 LEVEL

BOLTED THE HANGING WALL. 5 BOLTS.
DRILLED A STRIP AND FIRED AT LUNCH.
TRAMMED 15 CARS. DRILLED A STRIP
AND FIRED AT 3 PM. CLEANED UP
STEELS AND HOSES IN PREPARATION
FOR HANDMUCKING.

7 JUN 83 1020 ST. 1200 LEVEL

SCALED AND BOLTED. 20 BOLTS.
TRAMMED ON 1300 LEVEL. 20 CARS.
WORKED ON FILL PREP.

8 JUN 83 1020 ST. 1200 LEVEL

SCALED AND BOLTED. 6 BOLTS. DRILLED
AND FIRED A STRIP ON WEST VEIN F/W.
TRAMMED ON 1300 LEVEL. 45 CARS. GOT
SOME WEST VEIN MICROS.

9 JUN 83 1020 STOPE

CLEANED UP THE CRIB BOX AND SHOVELLED
UNDER THE CHUTE. THE FILL CREW STARTED
FILLING THE EAST VEIN. PUT UP A MANWAY
PIPE AND AN AIRWAY. SCALED AND BOLTED.
9 BOLTS. DRILLED AND FIRED A STRIP.

DOUG USED THE FILL CREW PHONE TO CALL A GIRL HE WORKS WITH AT A BOOK STORE. HE FIRED THE STRIP SO SHE COULD HEAR IT. SHE THINKS HE IS CRAZY. CLOSE.

10 JUN 83 1020 ST. 1200 LEVEL
TRAMMED 15 CARS FROM THE NORTH CHUTE. REFILLED THE CRIB. DOUG WENT HOME AT 11:00 AM. I WENT TO 1380 UGP 1300 LEVEL AFTER LUNCH AND HELPED TALMADGE DRILL UPPERS.

13 JUN 83 1020 ST.
PUT UP TWO AIRWAYS AND A MANWAY. MUCKED & TRAMMED. 20 CARS. RILLED DOWN THE MUCKPILE AND BOLTED THE HANGING WALL. 12 BOLTS. GOT A FRANKLINITE XL.

14 JUN 83 JURY DUTY

15 JUN 83 1220 U.C.P. 1000 LEVEL

GOT A LARGE POWDER ORDER OUT OF THE MAGAZINE. PUT UP SIGNS TO KEEP VISITORS OFF THE MUCK PILE. TRAMMED ON 1100 LEVEL. 64 CARS. HAD TO FIRE THE CHUTE ONCE.

16 JUN 83 1020 ST. 1300 LEVEL

MUCKED UP FIVE CARS OF MUD FROM THE DRIFT UNDER 1020 ST. CLEANED UP ONE CAR OF ORE WHICH HAD BEEN SPILLED ALONG THE DRIFT. PULLED FIVE BIG CARS FROM THE NORTH CHUTE.

17 JUN 83 1020 ST. 1200 LEVEL

SCALED AND BOLTED. 10 BOLTS. DRILLED AND FIRED A 13' STRIP NEAR THE NORTH END OF THE WEST VEIN. MOVED THE JUMBO UP TO THE NEW FILL ELEVATION IN THE EAST VEIN.

20 JUN 83 1380 U.C.P. 1300 LEVEL
SCALED AND BOLTED. 10 BOLTS. SLUSHED
OFF THE TOP OF THE PILE TO MAKE
DRILLING A DRIFT ROUND EASIER. DRILLED
PART OF THE ROUND. 70'. GOT A SPECIMEN
WITH VARIOUS MICROS. (ALLEGHANYITE)

21 JUN 83 JURY DUTY

22 JUN 83 1380 U.C.P. 1300 LEVEL
DRILLED 150' ON THE DRIFT ROUND.
SLUSHED MORE OF THE PILE DOWN TO
DRILL THE BOTTOM HOLES. THE AIR SLUSHER
IS SO SLOW THAT I DID NOT GET THE
ROUND FINISHED.

23 JUN 83 1380 U.C.P. 1300 LEVEL

DRILLED 3 HOLES AND LOADED THE ROUND.
95 POUNDS OF POWDER. FIRED AT 3 PM.

1660 U.C.P. 1600 LEVEL

WORKED ON FILL PREP. THE NORTH RIB
COLLAPSED LAST WEEK. FILL RAN OUT AND
BURIED SOME MUCK, HOSES, AND ALMOST
2 MINERS. ED STOLL IS STILL IN THE HOSPITAL.

24 JUN 83 1380 U.C.P. 1300 LEVEL
DRIFT ROUND BROKE PERFECTLY. DRILLED
3 PIN HOLES AND SLUSHED OUT THE
MUCK. SCALED AND BOLTED, 8 BOLTS.
DRILLED 70' ON THE NEXT DRIFT ROUND.

27 JUN 83 1660 CHUTE 1750 LEVEL
PULLED 5 CARS AND CLEANED OUT THE
CRIB BOX. HAND MUCKED TWO CARS OF ORE
ALONG THE DRIFT TO THE ORE PASS. WENT
UP TO 1600 LEVEL AFTER LUNCH AND
REPLACED SOME ROTTEN TIMBER IN A DRIFT.

28 JUN 83 JURY DUTY

29 JUN 83 1020 ST. 1200 LEVEL
DRILLED UPPERS WITH JUMBO. 400'.
HAD TO REPLACE AN "83", REPAIR A
STEEL HOLDER, AND REPAIR A WATER
GOOSE NECK.

30 JUN 83 1020 ST. 1200 LEV.

DRILLED UPPERS WITH JUMBO. 350'

REPLACED AN "83". REPAIRED A STEEL-HOLDER.

TWOWEEK VACATION 1-17 JUL

18 JUL 83 CAGEMAN

19 JUL 83 JURY DUTY

20 JUL 83 CAGEMAN

21 JUL 83 CAGEMAN

22 JUL 83 CAGEMAN

25 JUL 83 CAGEMAN

26 JUL 83 JURY DUTY

27 JUL 83 CAGEMAN

28 JUL 83 "

29 JUL 83 "

1 AUG 83 CAGE

2 AUG 83 JURY DUTY

3 AUG 83 CAGE

4 AUG 83 CAGE

~~5 AUG 83~~ ~~CAGE~~

5 AUG 83 FILL CREW 1020 ST. 1200LEV.
FILLED FOUR HOURS IN AM.
PLUGGED AFTER LUNCH AND SPENT
ALL AFTERNOON CLEARING FILL
PIPES.

8 AUG 83 CAGEMAN

9 AUG 83 JURY DUTY

10 AUG 83 CAGEMAN

11 AUG 83

12 AUG 83

15 AUG 83 ODD JOBS

SENT UP THE SCRAP BOX FROM THE
CRUSHER ON 1100 LEVEL. PUT BACK AN
EMPTY ONE. REPAIRED A ROCKER DUMP
CAR ON 1600 LEVEL. STARTED A CHUTE
REPAIR JOB ON 1220 CHUTE, 1100 LEVEL.

16 AUG 83 JURY DUTY

17 AUG 83 SHAFT WORK
ASSISTED THE TOPLANDER, GOT OUT
TOOL AND SUPPLY ORDERS. WENT DOWN
TO HAND MUCK IN THE BOTTOM OF THE
SHAFT. THE JOB WAS FOULED UP BY
ORE SPILLED DURING SKIP LOADING,
CLEANED LATRINE CANS AND PREPARED
THEM FOR NEXT WEEK.

18 AUG 83 1380 U.C.P. 1300 LEV.
DRILLED AND FIRED A STRIP ON THE
SOUTH RIB. MUCKED OUT THE NEWLY
OPENED UP FOOTWALL. MOVED THE JUMBO
INTO THE AREA JUST CLEANED. CARRIED
JUNK OUT OF THE PILLAR.

19 AUG 83 MINE RESCUE TRAINING

22 AUG 83 1300 U.C.P. 1300 LEVEL
HUNG LADDERS IN THE HANGING WALL
RAISE FROM 1200 LEVEL DOWN INTO THE
PILLAR. 7 LADDERS.

23 AUG 83 1300 U.C.P. 1300 LEVEL

BUILT A PLATFORM AT A TURN IN THE H/W RAISE. GOT SOME MICROS FROM THE AXINITE POCKET IN 1340 RAISE.

24 AUG 83 1660 CHUTE 1750 LEVEL.

BUILT A FILL DAM AROUND THE CHUTE. PUT IN A PUMP AND DISCHARGE HOSES. SHOVELLED 2 CARS OF MUD ON 1300 LEV.

25 AUG 83 1660 U.C.P. 1600 LEV.

FILL CREW.

26 AUG 83 CAGEMAN

~~27~~

~~28~~

29 AUG 83

30 " "

31 " "

1 SEP 83

~~2~~

2 SEP 83

6 SEP 83

JURY DUTY

7 SEP 83 DDH 465 1100 LEVEL

TURNED DRILL 15° NORTH OF DDH 464 AND STARTED A NEW HOLE AT $\Delta + 20^{\circ}$. HAD TO DROP THE DRILL ABOUT 12" TO AVOID A STEEL BEAM. DRILLED 5' AND REAMED THE HOLE TO 2 1/2".

8 SEP 83 DDH 465 1100 LEVEL

DROVE THE VALVE PIPE INTO THE HOLE AND SECURED IT WITH ROCK BOLTS AND PINS. SET UP MY HOME-MADE GROUTER AND GROUTED THE VALVE PIPE. REPAIRED A BROKEN TRACK SWITCH.

9 SEP 83 DDH 465

SET UP THE DIAMOND DRILL AND STARTED DRILLING. 20'. 0' GREEN 2' WHITE 4' GREEN 20'. ADJUSTED TRACK SWITCH.

12 SEP 83 DDH 465 1100 LEVEL

DRILLED FROM 20' TO 46'

20' GREEN 24' WHITE 46'. NEED
A NEW BULL BIT.

13 SEP 83 JURY DUTY

14 SEP 83 DDH 465

DRILLED FROM 46' TO 84'. 46' WHITE
79 GREEN 84. SET UP ROD PULLER.

15 SEP 83 DDH 465

DRILLED FROM 84' TO 108'. ALL ROCK.

16 SEP 83 DDH 465

DRILLED FROM 108' TO 118'. ALL ROCK.

THE DRILL BROKE DOWN AT 113'. GOT
THE SPARE DRILL FROM THE SHOP.

19 SEP 83 DDH 465 1100 LEVEL
DRILLED FROM 118' TO 136'. ALL
GREEN ROCK.

20 SEP 83 JURY DUTY

21 SEP 83 DDH 465

DRILLED FROM 136' TO 156'.

136 TO 151 GREEN ROCK

151 TO 153 LEAN ORE

153 TO 156 WHITE ROCK

22 SEP 83 DDH 465

DRILLED FROM 156' TO 172'.

ALL WHITE ROCK. FLUORESCED RED UP
TO 160'.

23 SEP 83 DDH 465

DRILLED FROM 172' TO 182'. ALL WHITE
ROCK. HIT A TRICKLE OF WATER AT
180'. THIS GROUND IS VERY BAD FOR
CORING. HAVING FREQUENT BIT PLUGS.

26 SEP 83 DDH 465 EAST VEIN 1100 LEV.

DRILLED FROM 182' TO 188'. ALL WHITE. FREQUENT BIT PLUGS. HIT MORE WATER AT 188'. THE FLOW IS HEAVY ENOUGH TO WASH THE CUTTINGS BACK INTO THE CORE BARREL. THIS CAUSES MORE BIT PLUGS.

27 SEP 83 JURY DUTY

28 SEP 83 DDH 465.

DRILLED FROM 188 TO 206. ALL WHITE CUTTINGS. HAD TO USE THE BULL BIT AND HOOKED A HOSE TO DDH 464 FOR DRILL WATER.

29 SEP 83 DDH 465

DRILLED FROM 206' TO 210'. HAD TO QUIT BECAUSE THE WATER WOULD NOT ~~GO~~ GO TO THE BIT. TOOK DOWN THE ROD PULLER AND DRILL. STARTED SETTING UP FOR THE NEXT HOLE. IT WILL BE 47° NORTH OF DDH 464.

10 OCT 83 ~~DDH 465~~ DDH 466 EAST VEIN 1100 LEVEL

SET UP DRILL FOR NEW HOLE. IT WILL BE DRILLED 47° NORTH OF DDH 464 AT X + 40°. DRILLED 5' PILOT HOLE AND STARTED CUTTING A HITCH.

11 OCT 83 JURY DUTY

12 OCT 83 DDH 466

FINISHED HITCH. ~~REAME~~ REAMED PILOT HOLE. INSTALLED VALVE PIPE AND BOLTED IT IN PLACE. GROUTED VALVE PIPE.

13 OCT 83 DDH 466

PIPE DID NOT GET FULLY SEALED. REGROUTED IT. WENT TO 1200 LEVEL AND WORKED ON A SLUSHER IN 1570 E. CHECKED OUT 1020 STOPE. DOUG FIRED DOWN THE WEST VEIN LAST WEEK. NO INTERESTING SPECIMENS.

14 OCT 83 DDH 466 EAST VEIN 1100 LEVEL

TOOK THE VALVE OFF THE PIPE AND SET UP THE DRILL. THE PIPE WAS FULL OF CEMENT. HAD TO DRILL IT OUT. GOT TO THE END OF THE PIPE AND THE DRILL WATER CAME OUT AROUND IT. HAD TO GROUT THE PIPE AGAIN.

17 OCT 83 DDH 466

DRILLED FROM 0' TO 31'. ALL ROCK. ENDED UP IN WHITE ROCK. SET UP ROD PULLER. CHECKED OUT 1570 E. STOPE AT LUNCH TIME. A PIECE OF ORE 60' LONG BY 15' WIDE BY 8' THICK HAD FALLEN OVER THE WEEKEND.

18 OCT 83 JURY DUTY

19 OCT 83 DDH 466

DRILLED FROM 31' TO 61'. WHITE ROCK TO 38'; GREEN ROCK 38 TO 61'.

20 OCT 83 DDH 466 EAST VEIN 1100 LEVEL

DRILLED 61' TO 74'. ALL GREEN ROCK.

THE WATER SWIVEL WAS LEAKING SO BAD

THAT NOT ENOUGH WATER WAS GETTING

UP TO THE BIT. I QUIT DRILLING AND

SVECZ HAS ORDERED A NEW SWIVEL.

WENT DOWN TO 1400 LEVEL TO HELP

NORM FARLEY HANDMUCK MUD UNDER

1380 CHUTE AND REPAIR A BROKEN TRACK

SWITCH.

21 OCT 83 1570E STOPE 1200 LEVEL

WAITED ON THE STATION FOR 8 BAGS OF ANFO AND STOWED IT IN THE POWDER BOX.

SLUSHED OUT THE DRIFT WHERE THE

1570E. CHUTE WILL BE CONSTRUCTED.

FOUND AN APATITE GROUP MINERAL IN A

LARGE LENS OF CALCITE IN 1570E.

ASSOCIATED MINERALS WERE SONOLITE AND

ZINCITE. FOUND A POCKET OF MICRO GALENA

XLS IN THE OLD 1520 TRANSVERSE STOPE.

24 OCT 83 1020 STOPE 1200 LEVEL

SCALED AND BOLTED THE HANGING WALL OF THE WEST VEIN. 18 BOLTS.

ROY MILLER PUT IN 20 BOLTS IN THE BACK. ALL THE SLIPS THAT HAVE PROVIDED NICE WEST VEIN MICROS IN THE PAST ARE STILL THERE, BUT BARREN.

25 OCT 83 JURY DUTY.

26 OCT 83 1020 STOPE 1200 LEVEL

SCALED AND BOLTED. 20 BOLTS.

FOUND SOME UNKNOWN #7 ON A SLIP NEAR THE FOOTWALL.

27 OCT 83 1020 STOPE

SCALED AND BOLTED. 8 BOLTS. TRAMMED ON 1300 LEVEL. 42 CARS. GOT 2 SMALL FRANKLINITES.

28 OCT 83 1020 STOPE

REPLACED A BROKEN HYDRAULIC HOSE ON THE LHD. TRAMMED ON 1300 LEVEL. 72 CARS. HELPED TOM COLWELL DUMP A CAR OF MUD.

31 OCT 83 1580 U.C.P. 1500 LEVEL

HELPED NICK PENUELLA DRILL- AND LOAD
A SIX HOLE BENCH. GOT A COME-ALONG
AND MOVED THE SLUSHER TOWARD THE CRIB.
WENT UP TO 1100 LEVEL AFTER LUNCH
AND TRIED OUT THE NEW WATER SWIVEL.
SEEMS TO BE OK. DRILLED TWO FEET.
74' TO 75' 11" GREEN ROCK. ONE INCH
OF MARBLE 75' 11" TO 76'. GOT SOME
PICROPHARMACOLITE FROM 1500 LEVEL.

1 NOV 83 JURY DUTY

2 NOV 83 DDH 466 EAST VEIN 1100 LEV.
DRILLED FROM 76' TO 86' WITH THE
OLD BIT. IT WAS SLOWING DOWN SO
I PUT ON A NEW BIT. IT IS BIGGER
THAN THE HOLE DRILLED BY THE OLD BIT.
I HAD TO REAM THE HOLE.
76' TO 86' WAS WHITE ROCK.

3 NOV 83 DDH 466 EAST VEIN 1100 LEVEL
FINISHED REAMING THE HOLE AND
CORED FROM 86' TO 106'. 86' TO 90'
WAS PYROXENE ZONE. 90' TO 93.5'
WAS PYROXENE ZONE MIXED WITH ORE.
93.5' TO 99.5' WAS ORE. 99.5' TO 106'
WAS FRANKLIN MARBLE.

4 NOV 83 OFF WITH FLU

7 NOV 83 DDH 466
DRILLED FROM 106' TO 126'. ALL WHITE ROCK.
THIS HOLE IS DONE. STARTED SETTING
UP FOR THE NEXT HOLE. THE COLUMN
WILL HAVE TO BE MOVED BACK TO GET
ENOUGH CLEARANCE IN FRONT OF THE DRILL.

8 NOV 83 JURY DUTY

9 NOV 83 1020 STOPE CHUTE 1300 LEVEL
TRAMMED FROM NORTH CHUTE. 60 CARS.
SLOW GOING DUE TO MANY LARGE CHUNKS.
GOT SOME NICE MC GOVERNITE. IN THE STOPE
IT WAS 10' BELOW 1200 LEVEL.

+20° Δ EAST VEIN
10 NOV 83 DDH 467 1450 N. SECT 1100 LEVEL

SET UP DRILL AND DRILLED PILOT HOLE.

REAMED PILOT HOLE AND USED REAMER BIT TO STRIP 6" OFF THE WALL AROUND THE HOLE.

(TO GIVE CLEARANCE FOR ROD PULLER)

11 NOV 83 DDH 467

INSTALLED VALVE PIPE AND GROUTED IT.

WENT DOWN TO 1300 LEVEL TO DIG OUT A TRACK SWITCH. VREELAND IS GOING TO FIX THE SWITCH ON MONDAY.

STOPPED IN 1020 STOPE. COULDN'T FIND ANY DECENT MCGOVERNITE.

14 NOV 83 DDH 467

DRILLED FROM 0' TO 35'. 0'-4' WHITE;
4'-8' GREEN; 8'-35' WHITE. USED THE "53" TO DRILL THE CEMENT OUT OF THE VALVE PIPE.

15 NOVEMBER 83 JURY DUTY

16 NOV 83 DDH 467 EAST VEIN 1100 LEVEL
DRILLED FROM 35' TO 75'. ALL WHITE
ROCK. THE PREVIOUS HOLE, JUST ABOVE,
WAS GREEN ROCK IN THIS AREA. SET
UP THE "53" AND PUT A ROOF BOLT
THRU A PIECE OF LOOSE. SLIKER SAW
IT A FEW DAYS AGO AND GOT WORRIED.

17 NOV 83 DDH 467
DRILLED FROM 75' TO 106'. 75' TO 85'
WHITE ROCK; 85' TO 86' ORE; 86' TO
97' WHITE ROCK WITH RED SPECKS; 97'
TO 100' ORE; 100' TO 106' MARBLE
WITH SPARSE ORE. WENT INTO 1300
U.C.P. (20' ABOVE 1200 LEV) AND FOUND
FLUORITE ⁽⁴⁹⁵⁾ XLS IN A CRACK NEAR THE
HANGING WALL.

18 NOV 83 DDH 467
DRILLED FROM 106' TO 125'. 106 TO 111
WHITE ROCK W/ SPARSE ORE; 111 TO 114
WHITE ROCK.

21 NOV 83 DDH 468 EAST VEIN 100 LEV.
TURNED DRILL 15° SOUTH TO A HEADING
OF "DUE EAST", DRILLED PILOT HOLE.
REAMED IT WITH THE "53". INSTALLED A
VALVE PIPE. BOLTED IT IN PLACE WITH
THREE FOOT ROCK BOLTS AND GROUTED.
VERTICAL ANGLE IS +20°.

22 NOV 83 JURY DUTY

23 NOV 83 DDH 468
DRILLED FROM 0' TO 54'. ALL ROCK,
MOSTLY WHITE. 3 NARROW BANDS OF
GNEISS.

28 NOV 83 DDH 468
DRILLED FROM 54' TO 100'. 54' TO 98'
WHITE; 98' TO 100' GREEN. CHECKED OUT
THE OLD SHAFT AREA WITH MY BLACKLITE.
THERE IS A POD OF HIGH GRADE ORE WELL
BELOW THE NORMAL FOOTWALL.

29 NOV 83 JURY DUTY

30 NOV 83 DDH 468 EAST VEIN 1100 LEVEL

DRILLED FROM 100' TO 124'. 100' TO 108' GREEN;
108' TO 110.5' WHITE; 110.5' TO 116' GREEN;
116' TO 124' ORE. THIS ORE SEEMS TO BE
VERY HARD. THE DRILL IS STRUGGLING TO CUT IT.

1 DEC 83 DDH 468

DRILLED FROM 124' TO 145'. 124' TO 129' ORE;
129' TO 145' MARBLE. THIS HOLE IS DONE.

2 DEC 83 MINE RESCUE TRAINING

5 DEC 83 1100 LEVEL & 1660 X-CUT 1500 LEVEL.

STARTED LOADING DRILL AND TOOLS
ON FLATCAR. STOPPED DUE TO CONFUSION
IN THE MINE OFFICE ABOUT WHERE I
SHOULD DRILL NEXT. WENT DOWN TO
1500 LEVEL TO HELP THE DRIFT MAN IN
1660 X-CUT. SLUSHED AND AIR SHOVELED
TEN CARS OF ROCK.

6 DEC 83 JURY DUTY

7 DEC 83 1200 STOPE 600 LEVEL

DUE TO A RENEWAL OF ENFORCEMENT OF THE LAW AGAINST WORKING ALONE I WORKED WITH ED KEITH TODAY. WE SET UP THE JUMBO DRILL. HE DRILLED WHILE I WORKED ON PIPES AND LADDERS IN THE NORTH MANWAY. AFTER LUNCH I HELPED HIM DRILL.

8 DEC 83 1200 STOPE 600 LEVEL

DRILLED UPPERS WITH A "53". 130'.

ED SPENT AN HOUR TRYING TO CONVINCING A FEDERAL MINE INSPECTOR THAT HE SHOULD BE ALLOWED TO WORK ALONE. HE DID NOT SUCCEED.

9 DEC 83 1200 STOPE 600 LEVEL

DRILLED WITH THE JACKLEG IN THE AREAS THAT ED CAN'T GET WITH THE JUMBO. CHECKED OUT 1020 U.C.P. THERE IS A LARGE AREA OF LEACHED ORE ON THE FOOTWALL; GRAINS OF ORE MINERALS IMBEDDED IN BLACK MANGANESE OXIDES AND BROWN MUD.

12 DEC 83 DIAMOND DRILL 1100 LEVEL.

LEN TALMADGE SHOWED ME HOW TO OPERATE THE GROUT PUMP. WE GROUTED DDH 464 & 465. TEN BAGS OF CEMENT. WE BROKE FOUR 2" HOSES BEFORE WE GOT A GOOD ONE.

13 DEC 83 JURY DUTY

14 DEC 83 EAST VEIN 1100 LEV.

MOVED DRILL AND TOOLS TO AN OLD TEST HOLE IN THE EAST VEIN DRIFT.

(HDH # 21). THE HOLE HAS A VALVE ON IT.

SOME YEARS BACK, FEARING THAT THE VALVE WOULD BLOW OFF DUE TO THE WATER PRESSURE IN THE HOLE, A LARGE FORM WAS BUILT AND CEMENT WAS POURED AROUND THE VALVE. I HAVE TO DRILL FROM ONE SIDE AND HIT THE HOLE.

WHEN I FIND IT I WILL GROUT IT. THIS SHOULD HAVE BEEN DONE IN THE FIRST PLACE.

TODAY WE STARTED HOOKING UP 200' OF AIR & WATER PIPE FOR DRILLING.

15 DEC 83 HDH # 21 1100 LEVEL

FINISHED AIR & WATER PIPES. SET UP THE DRILL AND DRILLED PILOT HOLE FOR VALVE PIPE. USED THE "53" TO REAM THE HOLE.

16 DEC 83 HDH # 21 1100 LEVEL

INSTALLED VALVE PIPE AND BOLTED IT IN PLACE, SET UP THE GROUT PUMP AND GROUTED THE PIPE. USED TWO STEEL TIES TO FIX THE TRACKS NEAR THE CRUSHER. THE RAILS HAD SPREAD APART AND THE MOTOR FELL BETWEEN THEM.

19 DEC 83 1200 LEVEL

PUT THE FINISHING TOUCHES ON A TIMBER JOB ON THE ORE PASS FINGERS. STARTED A REPAIR JOB ON 1300 U.C.P. CHUTE. CHECKED OUT 1020 STOPE & 1570E STOPE FOR SPECIMENS. NADA.

20 DEC 83 JURY DUTY

21 DEC 83 1300 CHUTE 1200 LEVEL
WORKED ON CHUTE REPAIR. R & R'D
THE CHUTE GATE. CHECKED THE GROUT
JOB ON 1100 LEVEL. IT LEAKS.

22 DEC 83 1300 CHUTE
REGROUTED VALVE PIPE ON 1100 LEVEL.
WORKED ON 1300 CHUTE REPAIR. GOT
SOME ZINCITE MICROS FROM 1020 STOPE.

23 DEC 83 1300 CHUTE & 1020 STOPE
FINISHED 1300 CHUTE REPAIR. WENT TO
1020 STOPE AFTER LUNCH. HELPED ROY
MILLER LOAD A FLAT BENCH IN THE
NORTH END OF THE WEST VEIN. 170 LBS
OF NILITE.

27 DEC 83 ODD JOBS
CHANGED #3 OVER. HELPED HOIST A SLUSHER
UP INTO 1386 UCP, 1300 LEVEL. SHOVELLED A
CAR OF FILL UNDER THE OVERSIZE CHUTE ON
430 LEVEL. TRAMMED 30 CARS FROM 1020 STOPE
AND DRILLED & FIRED 30 BLOCKHOLES.

28 DEC 83 SHAFT

HELPED STOW A LARGE POWDER SHIPMENT IN THE MAGAZINE. WORKED WITH THE TOP LANDER. WE DID A DROP TEST ON CAGES # 1, 2, & 3. INSPECTED ALL FOUR ROPES AND DID A SHAFT INSPECTION OF ALL FOUR TRACKS. FOUND A FRANKLINITE XL IN THE ORE PASS ON 1000 LEVEL.

29 DEC 83 1200 CHUTE 600 LEVEL

WORKED WITH NORM FARLEY. WE CHANGED # 3 CAGE OVER TO THE SKIP AND BACK AGAIN WHEN THE ORE HOIST WAS DONE. WORKED ON 1200 CHUTE REPAIR JOB. WE ARE REPLACING THE CHUTE LEGS.

30 DEC 83

RAN CRUSHERS ON 1100 & 1920. FILLED BOTH POCKETS.

3 JAN 84 1220 U.C.P. 1000 LEVEL
TRAMMED ON 1100 LEVEL. 33 CARS.
SLUSHED AND HANDMUCKED. GOT TWO
FRANKLINITE MICROS FROM A VUGGY
AREA IN A NARROW BAND OF BROWN ORE.

4 JAN 84 HDH # 21 EAST VEIN 1100 LEV.
SET UP DRILL AND GROUT PUMP.
DRILLED THE CEMENT OUT OF THE
VALVE PIPE. DRILLED TWELVE FEET
AND HIT HDH # 21. THE VOLUMN OF
WATER AND PRESSURE WAS LESS
THAN EXPECTED. ABOUT 30 GAL. PER
MINUTE AND 250 PSI STATIC PRESSURE.

5 JAN 84 HDH # 21
PUMPED 16 BAGS OF CEMENT INTO
HDH # 21. (90 LBS EACH) DRILLED THE
PILOT HOLE FOR THE VALVE PIPE FOR
THE NEXT DDH.

6 JAN 84 DDH 469 EAST VEIN 1100 LEVEL
REAMED PILOT HOLE AND BOLTED IN
THE VALVE PIPE. SET UP SMALL GROUTER
AND GROUTED THE VALVE PIPE. WENT UP
TO 900 LEVEL AND SHOVELLED TWO
CARS OF MUD UNDER 1110 STOPE. GOT
SOME POSSIBLE BAUMHAURITE - SELIGMANITE.

9 JAN 84 DDH 469
DRILLED CEMENT OUT OF THE ~~6~~ VALVE PIPE.
REMOVED THE VALVE ON HDH 21. DISCOVERED
THAT THE HOLE IS STILL MAKING A SMALL
AMOUNT OF WATER. DRILLED THE CEMENT
OUT OF THE TAP HOLE AND SENT THE
GROUT PUMP TO THE SHOP FOR REPAIR.
REPLACED A ROTTEN PLANK IN A
RAISE COVER.

10 JAN 84 EAST VEIN F/W DRIFT 900 LEVEL
SHOVELLED FOUR CARS OF MUD. HELPED
BOB SNYDER TRY TO CLEAR A PLUGGED
DRAIN HOLE ON 700 LEVEL. FIRED TWICE.

11 JAN 84 EAST VEIN F/W DRIFT 900 LEV.
SHOVELLED FOUR MORE CARS OF MUD.
HELPED SNYDER AGAIN ON 700 LEVEL.
WE FIRED ONCE, BLEW THE WATER OUT
OF THE DRAIN HOLE AND POURED IN A
GALLON OF ACID. SCALED LOOSE IN THE
740 & 780 X-CUTS ON 900 LEVEL.

12 JAN 84 MUD DITCH AGAIN
SHOVELLED FOUR CARS OF MUD. JOB IS
FINISHED. RE EXAMINED THE 1941 REALGAR
LOCATION. NO LUCK.

13 JAN 84 1020 U.C.P. 600 LEVEL
WORKED ON THE FILL CREW. SET UP A
PUMP AND DISCHARGE HOSES UNDER THE
CHUTE. POURED FILL FOR FIVE HOURS.
FOUND SOME CALCITE CRYSTALS ON
LEACHED ORE WITH BIRNESSITE (?).