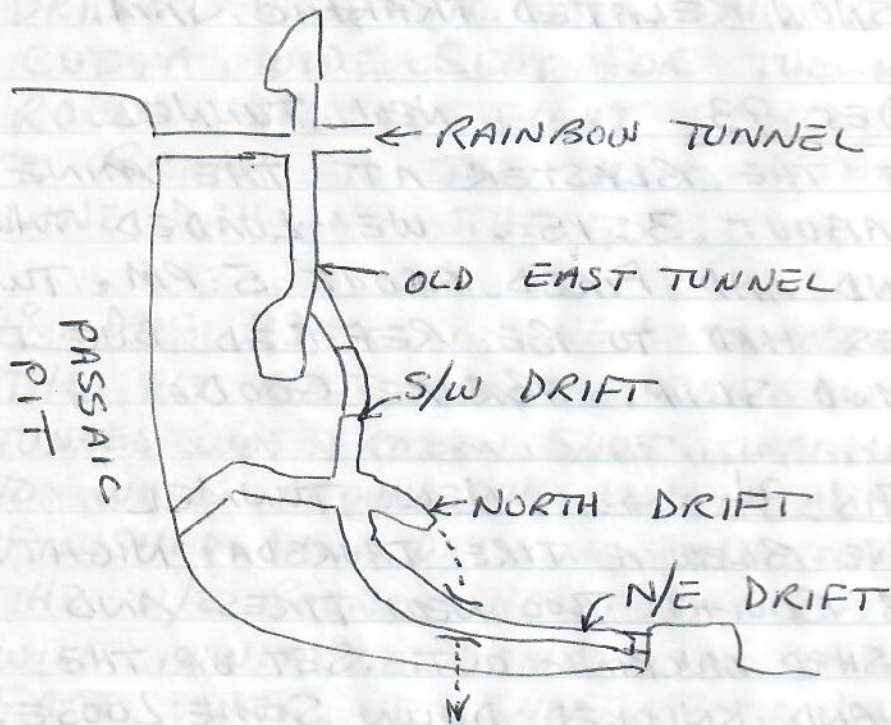


5 JAN 94 NEW TUNNEL
FINISHED DRILLING THE ROUND
IN THE NORTH DRIFT. DRILLED
THE TOP THREE HOLES IN THE
S/W DRIFT. GOT #230 FOR DRIFT
WORK. NOW PAID TO 270'.



10 JAN 94 NEW TUNNEL
MET FRED AT THE MINE ABOUT 1 PM.
I USED THE BLOW PIPE TO CLEAN
OUT THE HOLES. WE LOADED THE
NORTH DRIFT ROUND AND TWO MORE
HOLES IN THE S/W ROUND. FIRED
AT ABOUT 3 PM. BROKE GOOD. WASHED
THE MUCK PILE AND SCALED LOOSE.

11 JAN 94 NEW TUNNEL

STEVE FINISHED MUCKING OUT.
SET UP THE "53" AND USED IT
TO KNOCK DOWN SOME LOOSE.
DRILLED TEN OUTSIDE HOLES AND
ONE 4" CENTER HOLE. THIS
DRIFT IS GOING DOWN HILL SO
ACCUMULATED DRILL WATER HAS TO
BE BAILED OUT WITH PAILS.

12 JAN 94 NEW TUNNEL

FINISHED DRILLING A ROUND IN THE
NORTH DRIFT. USED THE BLOWPIPE
TO CLEAN OUT ALL THE HOLES IN
THE NORTH DRIFT AND S/W DRIFT.
FRED CANCELLED DUE TO YET ANOTHER
SNOW STORM.

13 JAN 94 NEW TUNNEL

MET FRED AT THE MINE AT 5 PM.
WE LOADED THE REST OF THE S/W
ROUND AND THE FIRST ELEVEN
HOLES IN THE NORTH ROUND. SHOT
FIRED AT 6:55 PM. BROKE GOOD.

JAN 94 NEW TUNNEL

STEVE MUCKED OUT LAST NIGHT.
THE EIMCO DEVELOPED A HYDRAULIC
LEAK AND WILL NEED REPAIRS. SET
UP THE "53" IN THE S/W DRIFT.
DRILLED TEN OUTSIDE HOLES. THE
COMPRESSOR SHUT OFF SIX TIMES.
GOT \$230 FOR DRIFT WORK.
NOW PAID TO 290'.

22 JAN 94 NEW TUNNEL

HAVE BEEN UNABLE TO DRILL DUE
TO SNOW STORMS AND SUB-ZERO
WEATHER. TRIED TO FIGURE OUT WHY
WE WERE NOT GETTING AIR PRESSURE.
DISCOVERED ICE IN THE TWO INCH
HOSE AND CLEANED IT OUT.

23 JAN 94 MINE

WENT IN TO DRILL BUT FOUND
WE HAD NO WATER. THE SUPPLY
PIPE FROM THE GIFT SHOP TO
THE ADIT IS FROZEN.
DRILLED TEN OUTSIDE HOLES IN THE S/W DRIFT.
AT ABOUT 3 PM. BROKE GOOD. WASHED
THE MUCK PILE AND SEALED LOOSE.

24 JAN 94 NEW TUNNEL
PURCHASED 300' FEET OF GOOD
WATER HOSE TO GET WATER FROM
THE GIFT SHOP TO THE ADIT.
DRILLED TWO 4" CENTER HOLES.
DRILLED 15 INSIDE HOLES. BLEW
OUT THE HOLES AND PREPARED
FOR BLASTING. THE COMPRESSOR
BEGAN SHUTTING OFF PERIODICALLY
IN THE AFTERNOON.

26 JAN 94 NEW TUNNEL
MET FRED AT THE MINE AT
12:30. LOADED THE S/W ROUND
AND THE THREE #12 HOLES IN
THE NORTH ROUND. FIRED AT
2:45. BOTH BROKE GOOD. STEVE
WORKED ON MUCKING OUT.

30 JAN 94 NEW TUNNEL
SCALED LOOSE AND HAND MUCKED
IN THE S/W DRIFT. ATTENDED
A TRUSTEE'S MEETING. THE
FREEZING RAIN LAST FRIDAY LEFT
OUR PATHS COVERED WITH A SHEET
OF ICE DANGEROUS TO WALK ON.

31 JAN 94 NEW TUNNEL
SET UP THE "53" IN THE S/W
DRIFT AND USED IT TO KNOCK DOWN
SOME LOOSE. DRILLED TEN OUTSIDE
HOLES. DRILLED ONE 4" CENTER HOLE.
USED THE WATER HOSE TO GET
WATER FROM THE GIFT SHOP TO THE
ADIT.

1 FEB 94 NEW TUNNEL
DRILLED ANOTHER 4" CENTER
HOLE. DRILLED 15 INSIDE HOLES.
PREPARED FOR BLASTING. FRED
CALLED TO SAY OUR POWDER
DELIVERY, SCHEDULED FOR TOMORROW,
WOULD BE DELAYED.

7 FEB 94 NEW TUNNEL
USED A STEEL TAPE TO MEASURE
OUR PROGRESS. 322.5' SO FAR.
GOT \$230 FOR TUNNEL WORK. NOW
PAID TO 310'.

8 FEB 94 NEW TUNNEL
POWDER TRUCK ARRIVED AT 8 AM. TOOK
3 BOXES INTO TUNNEL. FRED ARRIVED
AT 9 AM AND WE LOADED S/W DRIFT
AND # 13 HOLES IN N. DRIFT. FIRED
AT 10:45 AM. BOTH BROKE GOOD. STEVE
BEGAN MUCKING OUT.

9 FEB 94 NEW TUNNEL
SET UP THE "53" AND USED IT TO
KNOCK DOWN SOME LOOSE. DRILLED
A TEST HOLE TO FIND THE OLD EAST
TUNNEL. HIT IT AT NINE FEET. THE
S/W DRIFT IS ONE FOOT TOO LOW.

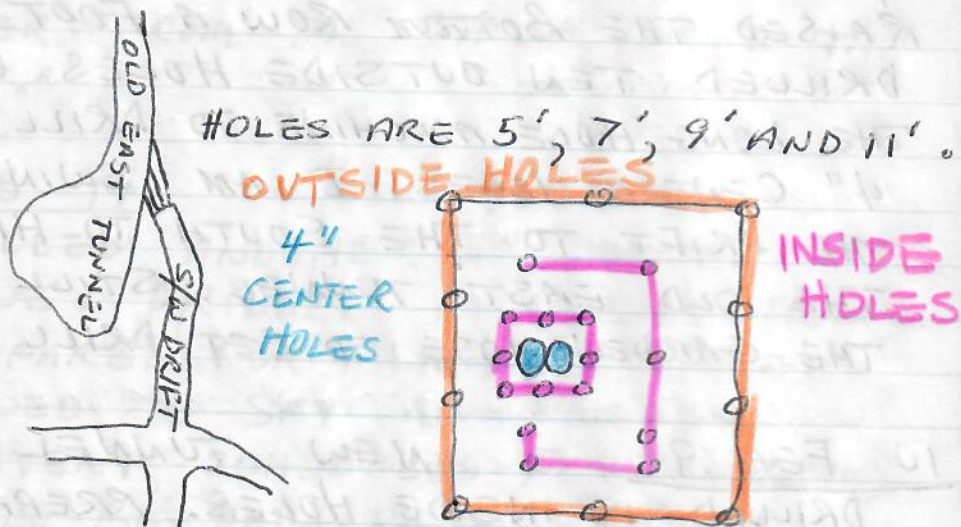
RAISED THE BOTTOM ROW A FOOT AND
DRILLED TEN OUTSIDE HOLES. USED
THE LONG HOLE MACHINE TO DRILL TWO
4" CENTER HOLES. I AM SWINGING
THE DRIFT TO THE SOUTH TO HIT
THE OLD EAST TUNNEL, STILL USING
THE GARDEN HOSE TO GET DRILL WATER.

10 FEB 94 NEW TUNNEL
DRILLED 15 INSIDE HOLES. PREPARED
FOR BLASTING. USED PAILS AND THE
EIMCO BUCKET TO BAIL OUT THE
NORTH DRIFT. FRED ARRIVED ABOUT
1:45. WE LOADED THE S/W ROUND
AND THE LAST THREE HOLES IN
THE NORTH DRIFT. FIRED AT 3:25.
BOTH BROKE GOOD. SCALED LOOSE
AND STEVE BEGAN MUCKING OUT.

14 FEB 94

NEW TUNNEL

SET UP THE "53" AND DRILLED A TEST HOLE IN THE S/W DRIFT. HIT THE OLD EAST TUNNEL AT THREE FEET. DRILLED A 16 HOLE STRIP ROUND TO BREAK INTO THE OLD EAST TUNNEL.



MOVED TO THE NORTH DRIFT. USED THE "53" TO KNOCK DOWN LOOSE. DRILLED FOUR OUTSIDE HOLES.

15 FEB 94

NEW TUNNEL

DRILLED SIX OUTSIDE HOLES, TWO 4" CENTER HOLES AND NINE INSIDE HOLES. THE WATER HOSE TO THE DRILL WAS BLOCKED BY ICE THIS MORNING AND HAD TO BE THAWED.

AT 9 AM AND WE LOADED TO DRIFT AND # 13 HOLES IN N DRIFT. FIRED AT 10:45 AM. BOTH ROUNDS GOOD. STEVE BEGAN MUCKING OUT.

16 FEB 94 NEW TUNNEL
DRILLED SIX MORE INSIDE HOLES IN
THE NORTH DRIFT. PREPARED FOR
BLASTING IN THE NORTH DRIFT, S/W
DRIFT AND OLD EAST TUNNEL. DUG
OUT A LOT OF ICE WHICH PREVENTED
THE GATE OF THE RAINBOW TUNNEL
FROM CLOSING. MOVED ENOUGH HAY
TO THE RAINBOW TUNNEL TO SEAL IT.

17 FEB 94 NEW TUNNEL
FRED CAME IN AT 8:30 AM. WE
LOADED BOTH ROUNDS AND FIRED AT
11 AM. THE S/W ROUND BROKE THRU
NICELY. THIS MARKS THE COMPLETION
OF THE MAIN LEG OF THE NEW TUNNEL.
THE NORTH ROUND BROKE ABOUT 7.5'.
A STRONG DRAFT CLEARED OUT THE
SMOKE QUICKLY. STEVE BEGAN
MUCKING OUT. GOT \$230 FOR
DRIFT WORK. NOW PAID TO 330'.

19 FEB 94 NEW TUNNEL
VISITED THE MINE WITH LEE LOWELL
TO SEE WHAT THE TUNNEL LOOKED
LIKE WHEN MUCKED OUT. FOUND THAT
THE EIMCO HAD BROKEN DOWN.

21 FEB 94

NEW TUNNEL

STEVE FINISHED MUCKING OUT WITH THE REPAIRED EIMCO. I SET UP THE "53" IN THE OLD EAST TUNNEL AND DRILLED A FOUR HOLE STRIP. USED THE "53" TO KNOCK DOWN A LOT OF LOOSE. DRILLED THREE 13' HOLES IN THE S/W DRIFT TO STRIP THE TOP. MOVED THE DRILL AND TOOLS TO THE NORTH DRIFT FOR THE NEXT ROUND.

22 FEB 94

NEW TUNNEL

REPAIRED A WATER HOSE. TRIED OUR NEW ELECTRIC PUMP. IT QUICKLY REMOVES EXCESS WATER FROM THE NORTH DRIFT. DRILLED TEN OUTSIDE HOLES. DRILLED TWO 4" CENTER HOLES. DRILLED THREE INSIDE HOLES. STILL USING THE GARDEN HOSE TO GET DRILL WATER INTO THE ADIT.

23 FEB 94

NEW TUNNEL

PUMPED OUT THE NORTH DRIFT. DRILLED TWELVE INSIDE HOLES TO FINISH THE ROUND. BLEW OUT THE HOLES AND PREPARED FOR BLASTING. FRED CAME IN AT 2:30. WE LOADED THE ROUNDS IN THE NORTH DRIFT AND S/W DRIFT. FIRED

AT 4:35, EVERYTHING BROKE GOOD,
STEVE BEGAN MUCKING OUT THE NORTH
DRIFT. THE MUCK IN THE S/W DRIFT
WILL BE LEFT IN PLACE, WE WILL
STAND ON IT TO DRILL THE NEXT STRIP.

24 FEB 94 NEW TUNNEL
SET UP THE "53" IN THE S/W DRIFT
AND DRILLED A FOUR HOLE STRIP IN
THE BACK. THIS COMPLETES BRINGING
THIS PART OF THE TUNNEL UP TO THE
RIGHT GRADE. MOVED TO THE NORTH
DRIFT AND USED THE DRILL TO KNOCK
DOWN SOME LOOSE. DRILLED TEN
OUTSIDE HOLES. FRED CAME IN AT
3:45. WE LOADED THE STRIP AND
FIRED AT 4:25. BROKE GOOD. STEVE
MUCKED OUT THE STRIP MUCK.

25 FEB 94 NEW TUNNEL
STEVE GRADED THE S/W DRIFT WITH
FINE MUCK. IT LOOKS REAL GOOD.
DRILLED TWO 4" CENTER HOLES AND
15 INSIDE HOLES. CUT BACK TO A
SEVEN FOOT ROUND DUE TO A MUD
SEAM AT EIGHT FEET. BLEW OUT
THE HOLES AND PREPARED FOR
BLASTING. GOT #230 FOR DRIFT WORK.
NOW PAID TO 350'.

28 FEB 94 NEW TUNNEL
SET UP TO DRILL WHERE THE S/W
DRIFT HIT THE OLD EAST TUNNEL.
KNOCKED DOWN A LOT OF LOOSE
WITH THE DRILL AND PUT IN
SEVEN ROCK BOLTS.

1 MAR 94 NEW TUNNEL
SCALE LOOSE AND ROCK BOLT.
TEN BOLTS.

2 MAR 94 NEW TUNNEL
PUMPED OUT WATER FROM THE
NORTH DRIFT. FRED CAME IN AT
11:15. WE LOADED THE ROUND AND
FIRED ABOUT 1:30 PM. BROKE GOOD.
BOB IS WORKING ON MUCKING OUT
THE OLD ADIT UNDER THE MILL RUINS.

3 MAR 94 NEW TUNNEL
SET UP THE "53" IN THE NORTH DRIFT
AND USED IT TO KNOCK DOWN A LARGE
PIECE OF LOOSE. DRILLED EIGHT
OUTSIDE HOLES. THE DRILL BROKE
DOWN. TRIED TWO SPARES. BOTH
NO GOOD. SAID TO HELL WITH IT
AND WENT HOME.

6 MAR 94

NEW TUNNEL
WENT IN AT 2:30 PM TO TRY TO FIND
A GOOD DRILL. GOT ONE (I HOPE)
ON THE THIRD TRY. IT WAS ONE
OF THE "53'S" IN THE DRILL DISPLAY
IN THE CAP MAGAZINE. USED OUR
NEW PUMP TO REMOVE A LOT OF
WATER FROM THE NORTH DRIFT.

7 MAR 94

NEW TUNNEL
THE "53" WORKED WELL ENOUGH TO
DRILL TWO MORE OUTSIDE HOLES AND
15 INSIDE HOLES. DRILLED TWO 4"
CENTER HOLES WITH THE BIG DRILL.
HAD TO CUT BACK TO A SEVEN FOOT
ROUND DUE TO ANOTHER MUD SEAM.
PREPARED FOR BLASTING.

8 MAR 94

NEW TUNNEL
SCALED AND BOLTED IN OLD EAST TUNNEL.
PUT IN TEN LAG BOLTS AND FIVE SPLIT
SETS. HAD TO DRILL DOWN A LOT OF
LOOSE ROCK.

9 MAR 94

NEW TUNNEL

NEW PUMP WOULD NOT WORK. HAD TO BAIL OUT THE NORTH DRIFT WITH PAILS. FRED CAME IN AT 8:30. WE LOADED THE ROUND IN THE NORTH DRIFT AND FIRED AT 10:15. BROKE VERY GOOD. GOT \$ 230 FOR DRIFT WORK. NOW PAID TO 370'. MEASURED PROGRESS SO FAR - 390.5'.

10 MAR 94

NEW TUNNEL

SCALED AND BOLTED. 16 BOLTS. HAD TO DRILL DOWN A LOT OF LOOSE.

11 MAR 94

NEW TUNNEL

SCALED AND BOLTED. 14 BOLTS. DRILLED DOWN A LOT OF LOOSE. STEVE HAD TO MUCK OUT SOME OF THE ROCK I SCALED DOWN. A HOLE AT THE ENTRANCE TO THE NEW TUNNEL HAD OPENED UP. HE HAD TO FILL IT TO GET THE EIMCO OUT OF THE TUNNEL.

14 MAR 94

NEW TUNNEL

SCALED AND BOLTED. 17 BOLTS. DRILLED A PIN HOLE FOR A SURVEY PLUG. BOB SVECZ SURVEYED THE NEW CONNECTION. HE FOUND THE ERROR IN HIS CALCULATION OF THE ELEVATION.

15 MAR 94 WSH NEW TUNNEL
SCALED AND BOLTED THE SOUTH RIB
OF THE S/W TUNNEL. THIS COMPLETES
THE BOLTING FAR ENOUGH EAST TO
PUT IN A BRATTICE. EXTENDED THE
WATER PIPE 40' FROM THE OLD
EAST TUNNEL INTO THE S/W DRIFT.
ADJUSTED THE ELECTRIC LINE TO
GIVE MORE HEAD ROOM. THE UNDER-
GROUND WATER PIPE INTO THE ADIT HAS
THAWED OUT. WE NO LONGER NEED THE
WATER HOSE.

16 MAR 94 WSH NEW TUNNEL
DRILLED SIX THREE FOOT HOLES IN THE
S/W DRIFT. BOLTED A 6X6 TIMBER TO
EACH RIB AND BUILT A BRATTICE.
THIS WILL SEPARATE THE OLD EAST
TUNNEL FROM OUR PRESENT WORKINGS
UNTIL WE ARE DONE BLASTING. REWIRED
THE DEMONSTRATION DRIFT ROUND IN THE
OLD EAST TUNNEL. PUMPED OUT A WEEKS
ACCUMULATION OF WATER FROM THE NORTH
DRIFT. HAD TO GET A SHORTER ELECTRIC
CORD. THE PUMP WOULD NOT WORK WITH
200' OF CORD.

17 MAR 94 NEW TUNNEL

HUNG WATER HOSE AND ELECTRIC CORD OUT OF THE WAY SO STEVE COULD PILE UP TAILINGS AGAINST THE EAST SIDE OF THE BRATTICE. SET UP A SPARE "53" IN THE NORTH DRIFT. TRIED DRILLING BUT GOT ONLY 1.5 HOLES DONE BECAUSE THE COMPRESSOR KEPT SHUTTING OFF. HELPED BOB HAND SHOVEL TAILINGS TO THE TOP OF THE BRATTICE.

19 MAR 94 NEW TUNNEL

WENT IN EARLY TO PUMP WATER OUT OF THE NORTH DRIFT. I DON'T WANT TOO MUCH TO BUILD UP BY MONDAY MORNING. FOUND THAT THE GFCI WAS TRIPPED SO THE AIR COMPRESSOR WATER HEATED PROBABLY WASN'T WORKING. (UNLESS I TRIPPED IT WHEN I SWITCHED PLUGS) LATER BOB ROME FOUND AND FIXED A LEAK IN THE COMPRESSOR FUEL SYSTEM.

SCALED AND BOLTED. DRILLED A PIN HOLE FOR A SURE-Y PLUG. BOB SVETZ SURVEYED THE NEW CONNECTION. HE FOUND THE ERROR IN HIS CALCULATION OF THE ELEVATION.

20 MAR 94

ATTENDED A FIVE HOUR LONG TRUSTEE MEETING AT THE MINE. BERNIE'S LONG THREATENED AND OFT DELAYED RESIGNATION WAS RELUCTANTLY ACCEPTED BY THE BOARD. IT TOOK TWO HOURS OF SOUL SEARCHING AND ACRIMONIOUS DEBATE TO REACH THIS DECISION.

21 MAR 94 NEW TUNNEL

COMPRESSOR WORKS GOOD NOW. DRILLED 8.5 HOLES (OUTSIDE HOLES). HIT A MUD SEAM ON THREE HOLES. THIS PLUGGED THE STEEL WITH MUD AND CAUSED DELAYS. DRILLED TWO 4" CENTER HOLES.

22 MAR 94 NEW TUNNEL

DRILLED 15 INSIDE HOLES AND PREPARED FOR BLASTING. THE FIRST TWO HOLES WERE SLOW GOING. THE COMPRESSOR WAS ACTING UP AGAIN. STEVE PUT IN NEW FUEL FILTERS AND IT IS OK AGAIN. THE FILTERS WERE CLOGGED AFTER ONLY 30 HOURS. THE FUEL WE ARE GETTING MUST BE DIRTY.

23 MAR 94 NEW TUNNEL

FRED CAME IN ABOUT 7:20 AM.
WE LOADED THE ROUND AND FIRED
ABOUT 8:45. BROKE VERY GOOD.
BRATTICE HELD UP OK. STEVE MUCKED
OUT. AFTER LUNCH WE SET UP THE
"53" AND DRILLED TEN OUTSIDE HOLES.
DRILLED ONE 4" CENTER HOLE.

24 MAR 94 NEW TUNNEL

DRILLED ONE 4" CENTER HOLE AND
15 INSIDE HOLES. FRED CAME IN
AT 2:30. WE CLOSED THE MUSEUM
AND BEGAN LOADING AT 3:30. FIRED
AT 4:30. THE CENTER AND THE
RIGHT RIB SEEMS TO HAVE BROKEN
BUT THE LEFT RIB DID NOT. WE
CAN TELL BETTER WHEN STEVE GETS
IT MUCKED OUT. GOT \$230 FOR
DRIFT WORK. NOW PAID TO 390'.

28 MAR 94 NEW TUNNEL

HOLES ABOVE AND RIGHT OF THE
BURN BROKE. HOLES TO THE LEFT
AND BELOW DID NOT. DRILLED 12
NEW HOLES ABOUT SIX FEET LONG.
STARTED DRILLING STRIP HOLES IN
THE RIGHT RIB OF THE NORTH
DRIFT. GOT 15 HOLES DONE.

29 MAR 94 NEW TUNNEL
DRILLED 22 NINE FOOT HOLES
IN THE STRIP ROUND.

30 MAR 94 NEW TUNNEL
DRILLED NINE HOLES TO FINISH
THE STRIP ROUND. PREPARED FOR
BLASTING. FRED CAME IN AT 3:30.
RELOADED THE DRIFT ROUND AND FOUR
ROWS IN THE STRIP ROUND. FIRED
AT ABOUT 5:15. BROKE GOOD.
STEVE BEGAN MUCKING OUT. AS THE
SPRING THAW COMMENCES, NEW
HOLES ARE OPENING UP OUTSIDE.

31 MAR 94 NEW TUNNEL
SCALED LOOSE. USED A BLOWPIPE TO
CLEAN OUT THE REST OF THE HOLES
IN THE STRIP ROUND. FRED CAME IN
AT 3:30. WE LOADED THE STRIP
ROUND AND FIRED AT 5:20. BROKE
REAL GOOD. EXPOSED A MUD SEAM
PARALLEL TO THE HANGING WALL.
GOT \$230 FOR DRIFT WORK. NOW
PAID TO 410'.

4 APR 94 NEW TUNNEL
SCALED LOOSE WHILE STEVE
FINISHED MUCKING OUT. A HYDR-
AULIC HOSE BURST ON THE LAST
BUCKET LOAD AND WAS REPLACED
BY ONE FROM THE SPARE EIMCO.
SET UP THE "53" AND USED IT TO
KNOCK DOWN SOME DIFFICULT
LOOSE.

5 APR 94 NEW TUNNEL
DRILLED DOWN MORE LOOSE.
DRILLED AN EIGHT HOLE STRIP
AT THE NORTH END OF THE
NORTH DRIFT. STEVE AND I MADE
SOME MEASUREMENTS. IT LOOKS LIKE
THE DECLINE TO THE EAST VEIN
MUST BE NORTH OF THE MUD SEAMS.

6 APR 94 NEW TUNNEL
MET FRED AT 7:15 AM. WE LOADED
THE STRIP ROUND AND FIRED AT
8:15. BROKE PERFECT. STEVE MUCKED
OUT. SET UP THE "53" AND DRILLED
TEN OUTSIDE HOLES. DRILLED ONE 4"
CENTER HOLE WITH OUR NEWLY
SHARPENED BIT. THIS IS THE FIRST
ROUND IN THE DECLINE TO THE
EAST VEIN. 15 HOLES DONE.

7 APR 94 NEW TUNNEL
DRILLED ONE 4" CENTER HOLE AND
15 INSIDE HOLES. PREPARED FOR
BLASTING. WE WERE READY TO SHOOT
AT 2 PM. FRED CANCELLED.

11 APR 94 NEW TUNNEL
FRED CAME IN AT 7 AM. WE LOADED
THE ROUND AND FIRED AT 8:30 AM.
BROKE VERY GOOD. STEVE MUCKED OUT.
SET UP THE "53" AND DRILLED TEN
OUTSIDE HOLES. DRILLED ONE 4" CENTER
HOLE. CUTTINGS INDICATE ANOTHER
FRANKLINITE BAND AT EIGHT FEET.

12 APR 94 NEW TUNNEL
DRILLED ONE MORE 4" CENTER HOLE.
DRILLED 15 INSIDE HOLES. BLEW OUT
HOLES AND PREPARED FOR BLASTING.

13 APR 94 NEW TUNNEL
MET FRED AT 7 AM. WE LOADED
THE ROUND AND FIRED AT 8:32 AM.
BROKE VERY GOOD. STEVE MUCKED OUT.
SET UP THE "53" AND DRILLED TEN
OUTSIDE HOLES. DRILLED ONE 4" CENTER
HOLE.

14 APR 94 NEW TUNNEL
DRILLED ONE MORE 4" CENTER HOLE.
OUR AIR POWERED WATER PUMPS
WOULD NOT WORK. BAILED OUT
HEADING WITH PAILS. DRILLED 15
INSIDE HOLES. BROKE A 9' STEEL.
BLEW OUT HOLES AND GOT READY
FOR BLASTING. FRED CAME IN
AT 5 PM. WE LOADED THE ROUND
AND FIRED AT 6 PM. BROKE
GOOD. FOUND SOME RED GARNET.
GOT \$230 FOR DRIFT WORK.
NOW PAID TO 430'.

15 APR 94 NEW TUNNEL
STEVE GOT 80% MUCKED OUT
WHEN A HYDRAULIC HOSE BURST.
I WORKED ON REARRANGING AND
EXTENDING AIR AND WATER PIPES.
DRILLED SIX HOLES FOR PIPE HANGERS.

18 APR 94 NEW TUNNEL
THE EIMCO WAS REPAIRED AND STEVE FINISHED
MUCKING ON SATURDAY. SET UP THE "53" AND
DRILLED TEN OUTSIDE HOLES. DRILLED TWO
4" CENTER HOLES. BOB USED HIS DOZER TO
FILL IN HOLES AT THE H/W OF THE MUD
ZONE. HE EXPOSED MORE OF THE GALENA
ZONE.

19 APR 94

NEW TUNNEL

DRILLED 15 INSIDE HOLES. PREPARED THE AREA FOR BLASTING.

20 APR 94

NEW TUNNEL

PUMPED OUT HEADING AND BLEW OUT LIFTERS. FRED CAME IN AT 6:30 AM. WE LOADED THE ROUND AND FIRED AT 8:32 AM. BROKE GOOD. STEVE MUCKED OUT. SET UP THE "53" AND DRILLED TEN OUTSIDE HOLES. DRILLED ONE 4" CENTER HOLE.

21 APR 94

NEW TUNNEL

DRILLED ANOTHER 4" CENTER HOLE. DRILLED 15 INSIDE HOLES. PREPARED FOR BLASTING. FRED CAME IN AT 4:45 PM. WE LOADED THE ROUND AND FIRED AT 6:02. BROKE GOOD. GOT #345 FOR DRIFT WORK. NOW PAID TO 460'. WE ARE BEING CREDITED WITH 45' ADVANCE FOR THE STOPE STRIP. STEVE STAYED TO MUCK OUT BUT HAD TROUBLE WITH THE EIMCO. IT WOULD NOT BACK OUT OF THE DECLINE WITH A LOAD IN THE BUCKET.

25 APR 94

NEW TUNNEL

RON TIBBETTS WORKED ON THE FOOT PEDAL LINKAGE ON SATURDAY. STEVE DID NOT MAKE IT IN TODAY DUE TO CAR TROUBLE. I TRIED MUCKING BUT STILL HAD TROUBLE. WE ARE CONSIDERING SWITCHING DRIVE PUMPS WITH THE SPARE EIMCO.

29 APR 94

GOT \$230 FOR DRIFT WORK. NOW PAID TO 480'.

9 MAY 94

NEW TUNNEL

EIMCO STILL NOT WORKING. WORKED ON WATER PIPES IN THE NEW TUNNEL.

11 MAY 94

PASSAIC PIT

REPLACED A BAD 20' PIPE IN THE WATER LINE. SET UP AN AIR HOSE ACROSS THE PIT AND DRILLED HOLES IN A LARGE BOULDER FROM THE GALENA OCCURANCE. WEDGED OFF MANY PIECES. BROUGHT HOME A CORRODED ROCK WITH SMALL WHITE SPHERES. THEY FLUORESCCE PALE GREENISH BLUE.

12 MAY 94

PASSAIC PIT
DRILLED MORE HOLES IN THE BIG
BOULDER AND WEDGED OFF MANY
PIECES OF GALENA, CERUSSITE,
HYDROZINCITE, ETC. BROUGHT HOME
A GALENA WITH CERUSSITE AND A
HYDROZINCITE ON ROCK.

13 MAY 94

PASSAIC PIT
DRILLED A FEW MORE HOLES AND WEDGED
OFF PIECES OF GALENA, ETC. MOVED ALL
THE GEAR BACK INTO THE NEW TUNNEL.
DRILLED TWO HOLES IN THE DECLINE SO
SVEZC CAN PUT IN SURVEY PLUGS.

18 MAY 94

REPAIRS ON EIMCO FINISHED TODAY.
STEVE GOT THE LAST ROUND MUCKED
OUT. THE DRIVE PUMP WAS REBUILT AT
A COST OF \$1,000-PLUS. THE HYDRAULIC
SYSTEM HAD TO BE DECONTAMINATED. THE
FRONT END WAS SWITCHED WITH THE
SPARE EIMCO. BAD LOOKING HYD. HOSES
WERE REPLACED WITH NEW ONES.

DRILLED A FEW MORE HOLES IN THE
HANGER. HUNG UP THE REST OF THE
VENT PIPE, BAILED WATER OUT OF
THE HEADING.

19 MAY 94 NEW TUNNEL
SET UP THE "53" AND DRILLED TEN
OUTSIDE HOLES. USED THE LONG
HOLE MACHINE TO DRILL TWO 4"
CENTER HOLES.

20 MAY 94 NEW TUNNEL
DRILLED 15 INSIDE HOLES. SUFFERED
THRU A 3 HOUR DELAY WHEN THE
BORO TURNED OFF THE WATER DUE
TO CONSTRUCTION.

23 MAY 94 NEW TUNNEL
DUG OUT THE LIFTERS AND CLEANED
OUT ALL BLAST HOLES WITH THE
BLOWPIPE.

24 MAY 94 NEW TUNNEL
MET FRED AT THE MINE AT 4 PM.
WE LOADED THE ROUND AND FIRED
AT 5:15 PM. BROKE GOOD. STEVE
BEGAN MUCKING OUT WITH OUR
REBUILT AND SUPER POWERFUL EIMEO.

25 MAY 94 NEW TUNNEL
SET UP THE "53" IN THE DECLINE
AND DRILLED TEN OUTSIDE HOLES.
DRILLED TWO 4" CENTER HOLES
WITH THE BIG DRILL. PUMPED
OUT THE HEADING. DRILLED EIGHT
STARTER HOLES FOR THE BURN.

26 MAY 94 NEW TUNNEL
DRILLED 15 INSIDE HOLES. FINDING
TWO INCH VICTAULIC CONNECTORS
WAS A BIG PROBLEM. BUT WE GOT
THEM AND HOOKED UP A 2" DIS-
CHARGE HOSE FOR OUR NEW PUMP.
IT PUMPED OUT THE HEADING VERY
WELL. BLEW OUT THE HOLES AND
PREPARED FOR BLASTING. DRILLED 5
HOLES FOR PIPE HANGERS. ADDED
A 20' PIECE TO THE AIR PIPE.
STARTED HANGING 12" PLASTIC
TUBE TO VENT FUMES FROM THE
DECLINE.

28 MAY 94 NEW TUNNEL
DRILLED ONE HOLE FOR A PIPE
HANGER. HUNG UP THE REST OF THE
VENT PIPE. BAILED WATER OUT OF
THE HEADING.

31 MAY 94

NEW TUNNEL

MET FRED AT 6:30 AM. WE LOADED THE ROUND AND FIRED AT 8:02 AM. BROKE GOOD, A NEW MUD SEAM SHOWED UP ON THE SOUTH RIB. USED THE NEW VENT LINE AND IT WORKED OK. STEVE MUCKED OUT. SET UP THE "53" AND DRILLED TEN OUTSIDE HOLES. WE ARE TURNING A LITTLE TO THE NORTH TO STAY AWAY FROM THE MUD SEAM.

1 JUN 94

NEW TUNNEL

DRILLED TWO 4" CENTER HOLES. DRILLED 15 INSIDE HOLES. PREPARED FOR BLASTING. FRED CAME IN AT 4:45. WE LOADED THE ROUND AND FIRED AT 5:55 PM. TOP RIGHT HOLE MISFIRED DUE TO MUD SEAM. EVERYTHING ELSE BROKE GOOD. REFIRED AND IT CAME OUT OK. MEASURED THE DECLINE BEFORE BLASTING. 58'. TOTAL OF 511.5' BEFORE TODAY'S BLAST. PAID TO 480' SO FAR.

2 JUN 94 NEW TUNNEL
SET UP THE "53" AND DRILLED TEN
OUTSIDE HOLES. TOP AND RIGHT
SIDE HOLES HIT MUD SEAMS. DRILLED
TWO 4" ~~Ø~~ CENTER HOLES. DRILLED
STARTER HOLES FOR BURN. GOT \$230
FOR DRIFT WORK. NOW PAID TO
500'. WATER NEEDLE SHOT.

3 JUN 94 NEW TUNNEL
PUT A NEW WATER NEEDLE IN THE
"53". DRILLED 15 INSIDE HOLES.
PREPARED FOR BLASTING. FRED CAME
IN AT 4:45 PM. WE LOADED THE
ROUND AND FIRED AT 5:50. BROKE
GOOD.

6 JUN 94 NEW TUNNEL
ADDED A 20' PIECE TO THE WATER
PIPE. SET UP TO DRILL. THE AIR
COMPRESSOR BLEW A FUSE. THE
STARTER NEEDS REPAIR. COULD NOT
DRILL.

MEET FRED AT 5:30. WE
LOADED THE ROUND AND FIRED AT 6:55.
BROKE GOOD. ADDED A SHUT OFF AND
A 20' PIPE TO THE WATER LINE.

8 JUN 94

NEW TUNNEL

COMPRESSOR HAS BEEN FIXED.
DRILLED TEN OUTSIDE HOLES, TWO
4" CENTER HOLES. PUMPED OUT
THE HEADING. COLLARED 8 BURN
HOLES AND DRILLED THREE OF THEM.

9 JUN 94

NEW TUNNEL

DRILLED 12 INSIDE HOLES, BLEW
OUT THE HOLES AND PREPARED
FOR BLASTING. FRED CAME IN AT
5 PM. WE LOADED THE ROUND AND
FIRED AT 6:20. BROKE GOOD.
STEVE STAYED TO MUCK OUT.

10 JUN 94

NEW TUNNEL

THE BOTTOM LEFT HOLE DID NOT GO
OFF. WILL HAVE TO BE FIRED AGAIN.
USED A LONG PLASTIC TUBE AS A
WATER LEVEL TO FIND OUR ELEVATION.
IT LOOKS LIKE WE WILL PASS FOUR
FEET BELOW THE NORTH EAST DRIFT.

OK. MEASURED THE DISTANCE TO THE
BLASTING. 58'. TOTAL OF 51.5'
BEFORE TOM'S BLAST. PAID TO
480' SO FAR.

13 JUN 94 NEW TUNNEL
FRED CAME IN AT 6 PM AND WE
REFIRED THE BAD HOLE. STEVE
CLEANED OUT TWO BUCKETS OF
MUCK. WE SET UP TO START
DRILLING TOMORROW.

14 JUN 94 NEW TUNNEL
DRILLED TEN OUTSIDE HOLES. DRILLED
TWO 4" CENTER HOLES. TRIED TO
PUMP OUT THE HEADING BUT THE
COMPRESSOR BROKE DOWN. STEVE
FOUND DIRTY FUEL FILTERS AND CHANGED
THEM. WHILE CHECKING TIGHTNESS OF
WIRE CONNECTIONS ON THE STARTER
HE BROKE THE SOLENOID. IT HAS
BEEN SENT OUT FOR REPAIR. TOP
RIGHT HOLE LOOKED LIKE ORE THE
LAST TWO FEET.

16 JUN 94 NEW TUNNEL
DRILLED 15 INSIDE HOLES, PREPARED
FOR BLASTING. MET FRED AT 5:30. WE
LOADED THE ROUND AND FIRED AT 6:55.
BROKE GOOD. ADDED A SHUT OFF AND
A 20' PIPE TO THE WATER LINE.

17 JUN 94

NEW TUNNEL

SET UP AND DRILLED TEN OUTSIDE HOLES. DRILLED TWO 4" CENTER HOLES. PUMPED OUT THE HEADING. GOT \$230 FOR DRIFT WORK. NOW PAID TO 520'.

20 JUN 94

NEW TUNNEL

DRILLED 15 INSIDE HOLES. PUMPED OUT THE HEADING. PREPARED FOR BLASTING.

21 JUN 94

NEW TUNNEL

MET FRED AT 6:30 AM. WE LOADED THE ROUND AND FIRED AT 8:05 AM. BROKE GOOD. STEVE MUCKED OUT. LOST THREE HOURS WHEN A HYDRAULIC HOSE BURST. SCALED DOWN SOME LOOSE IN THE ADIT. SET UP THE "53" AND DRILLED 8.5 # OUTSIDE HOLES. NINE FOOT STEEL BROKE ON THE LAST HOLE.