

15 MAR '01

G. T. C.

USED WHEELBARROWS TO TAKE CONCRETE INTO THE G. T. C. FILLED THE HOLES I MADE LAST YEAR TAKING OUT LOCKER PIERS. 4 HRS.

27 MAR '01

G. T. C.

TOOK THE DRILLER STATUE OUT TO THE ROCK ON WHICH IT WILL BE MOUNTED. MARKED WHERE TO DRILL 4 HOLES. TRIED TO START THE EIMCO. NO LUCK. PUT THE BATTERY ON CHARGE. MOVED A LARGE PILE OF BRICKS AWAY FROM THE NEW WORK SITE. MOVED TOOLS TO THE NORTH SIDE OF THE G. T. C. SET UP A JACK HAMMER AND STARTED CHIPPING OUT A CONCRETE MACHINE BASE. 7 HRS.

28 MAR '01

PASSAIC PIT

GOT THE EIMCO STARTED BY WIRING THE GLO-PLUGS DIRECTLY TO THE BATTERY. HAD TO TAKE OFF THE BLOWER AND CLEAN IT OUT. CLEANED UP COAL THAT THE MOVIE CO. LEFT NEAR THE RAINBOW TUNNEL.

7 HRS.

29 MAR '01

G.T.C.

FINISHED CLEANING UP COAL NEAR THE RAINBOW TUNNEL, RENTED AN ELECTRIC HAMMER DRILL, DRILLED FOUR HOLES IN A BIG ROCK AND MOUNTED THE DRILLER STATUE.

MOVED THE AIR COMPRESSOR CLOSER TO THE NEW WORK SITE, CHIPPED CONCRETE. HAND MUCKED CHIPPINGS AND DUMPED A LOAD IN THE PIT.  
7 HRS.

----- 25 -----

2 APR '01

G.T.C.

HAD TO CHARGED THE BATTERY TO GET THE EIMCO STARTED. LAID OUT A WATER HOSE FROM THE EDISON TUNNEL. SET UP THE "53" AND DRILLED HOLES, MOVED THE NEW AIR COMPRESSOR TO THE WORK SITE AND TRIED IT OUT. HAD TO TIGHTEN A LEAKY DRAIN PLUG. DRILLED HOLES AND WEDGED OUT CONCRETE. DUMPED A LOAD IN THE PIT. 7 HRS.

3 APR '01

G.T.C.

DRILLED HOLES AND WEDGED OUT  
CONCRETE. DUMPED A LOAD IN THE  
PIT. 7HRS

5 APR '01

G.T.C.

DRILLED HOLES AND WEDGED OUT  
CONCRETE. DISCOVERED THAT THE  
NEW COMPRESSOR BURNS A QUT.  
OF OIL A DAY. 7HRS.

6 APR '01

G.T.C.

WEDGED OUT CONCRETE. DUMPED A  
LOAD IN THE PIT. FUELED UP  
THE NEW COMPRESSOR, WHICH HAD  
RUN OUT OF GAS YESTERDAY, BUT  
IT WOULD NOT START. GOT RAINED  
OUT AFTER LUNCH. 4 HRS.

9 APR '01

G.T.C.

DRILLED HOLES AND WEDGED OUT  
CONCRETE. DUMPED A LOAD IN THE  
PIT. TOM HAUCK WORKED ON THE  
NEW COMPRESSOR SUNDAY. IT WORKS  
BETTER NOW. 7HRS.

10 APR '01

G. T. C.

DRILLED HOLES AND WEDGED OUT  
CONCRETE, DUMPED A LOAD IN  
THE PIT. THE DISCHARGE AIR  
TEMPERATURE GOT TOO HOT AND  
FRIED THE NEW COMPRESSOR.

7 HRS.

11 APR '01

G. T. C.

DRILLED HOLES AND WEDGED OUT  
CONCRETE. CHIPPED THE BIG  
BLOCK DOWN TO FINAL GRADE.  
FILLED THE EIMCO BUCKET,  
IT WOULD NOT START DESPITE  
CHARGING THE BATTERY FOR AN  
HOUR. 7 HRS.

--- 46 ---

16 APR '01

G. T. C.

THE STARTER ON THE EIMCO CRAPPED  
OUT. FOUND A SPARE BUT IT WOULD  
NOT FIT. COLORED THE INSIDE OF  
THE BELL HOUSING WITH RED CRAYON.  
THEN REMOVED METAL FROM THE  
STARTER WHERE IT WAS COLORED BY  
THE CRAYON. DUMPED TWO LOADS IN  
THE PIT. MOVED THE BAD COMPRESSOR  
OUT OF THE WAY. 7 HRS.

18 APR '01

G. T. C.

WORKED ON REMOVING REMAINS OF OLD MILLING CIRCUIT IN THE OPEN BAY ON THE NORTH SIDE OF THE G.T.C. DUMPED THREE LOADS IN THE PIT. USED THE EIMCO TO LOAD FOUR DRUMS OF ROCK IN A SEMI. 7 HRS.

19 APR '01

G. T. C.

CLEANED THE OPEN BAY. DUMPED FOUR LOADS IN THE PIT. A DUMP TRUCK WAS TRYING TO DUMP FILL IN THE PIT. THE TAIL GATE FAILED TO OPEN AND THE TRUCK FLIPPED BACK WITH THE CAB UP IN THE AIR. 7 HRS.

20 APR '01

G. T. C.

WORKED IN THE OPEN BAY. DUMPED FOUR LOADS IN THE PIT. PULLED OUT LOTS OF WOOD AND STEEL. THE YELLOW PINE 4X6'S STILL HAD A STRONG PITCH ODOR. THERE WERE THREE LAYERS OF STEEL. WHEN THE FIRST LAYER OF 30 POUND RAILS WORE OUT A NEW LAYER HAD BEEN PUT IN ON TOP. 7 HRS.

23 APR '01

G. T. C.

USED ROB LEATHAM'S HILTI TO DRILL HOLES IN THE RAINBOW ROOM.

PUT IN ANCHOR BOLTS TO HANG THE NEW TRIPLE-BRIGHT BLACK LITES.

DID MORE DEMOLITION AT THE G. T. C.

AND DUMPED TWO LOADS OF DEBRIS

IN THE PIT. BOB BURNED OFF

STEEL PINS THAT WERE EMBEDDED

IN THE CONCRETE FLOOR. THE

ACETYLENE HOSE LEAKED AND

CAUGHT ON FIRE. 7 HRS.

24 APR '01

G. T. C.

FINISHED HANGING THE NEW U.V.

LIGHTS IN THE RAINBOW ROOM. GOT

MOST OF THE DEMOLITION DONE AT

THE G. T. C. 7 HRS.

25 APR '01

G. T. C.

MOVED THE SCRAP METAL FROM THE DEMOLITION TO A STORAGE AREA.

CHIPPED DOWN SOME HIGH SPOTS IN THE FLOOR. SWEEPED THE FLOOR AND HAND

MUCKED. DUMPED A LOAD IN THE PIT.

7 HRS.

26 APR '01 G.T.C. & W.V.

FINISHED FINAL CLEAN-UP AT THE G.T.C.  
DUMPED A LOAD IN THE PIT. PREPARED  
A LEVEL PLACE NEAR THE WEST VEIN  
FOR THE COMPRESSOR. MOVED THE  
COMPRESSOR AND TOOLS TO THE NEW  
WORK SITE. WORKED ON SETTING UP  
AN OUTLET FOR DRILL WATER. HAD  
TROUBLE WITH LEAKS AND RUSTY BOLTS.  
7 HRS.

--- 56 HRS ---

30 APR '01 WEST VEIN

FINISHED THE OUTLET NEAR THE  
RAINBOW TUNNEL FOR DRILL WATER.  
SET UP THE "53" AND DRILLED 30  
HOLES. WEDGED OUT THE FIRST  
ROW. I AM EXPANDING THE HOLE  
INTO THE WEST VEIN STOPE NEAR  
THE RAINBOW TUNNEL. 7 HRS.

1 MAY '01 WEST VEIN

WEDGED OUT ORE. DUMPED TWO  
LOADS ON THE PICKING DUMP.  
POWER WASHED THE WALLS AND  
BOULDERS IN THE RAINBOW ROOM.  
THE EIMCO STARTER QUIT AGAIN.

7 HRS.

3 MAY '01

WEST VEIN

WEDGED OUT ORE. FILLED ONE  
PAIL WITH GIVE-AWAY SAMPLES.  
FIDDLED WITH THE DRILL WATER  
SUPPLY TO GET RUST SCALE OUT  
OF IT. DRILLED SIX HOLES. 7 HRS.

4 MAY '01

WEST VEIN

DRILLED HOLES AND WEDGED OUT ORE.  
HAUCK SHOWED ME THE NEXT CHORE,  
FIXING UP THE DRIFT TO THE  
GRAVITY TRAM RAISE GRIZZLY.  
7 HRS.

7 MAY '01

WEST VEIN

WEDGED OUT THE REST OF THE  
HOLES IN THE WEST VEIN. CANT  
MUCK OUT THE STOPE UNTIL WE  
GET A STARTER FOR THE EIMCO.  
SET UP THE "53" IN THE TUNNEL  
TO THE GLORY HOLE GRIZZLY. HAD  
TO SCROUNGE UP TWO AIR HOSES.  
7 HRS.



8 MAY '01 GRIZZLY DRIFT

DRILLED PIN HOLES SO A GATE CAN BE INSTALLED AT THE ENTRANCE. BROKE BOULDERS ON THE GRIZZLY. A GRATE WILL BE PUT OVER IT FOR SAFETY. CLEANED UP BROKEN ROCK IN THE DRIFT WITH A WHEEL-BARROW. BOB USED HIS LOADER TO MOVE THE COMPRESSOR AND TOOLS TO THE SADDLE SOUTH OF THE PASSAIC PIT. 7 HRS.

9 MAY '01 GRIZZLY DRIFT

FINISHED CLEANING OUT THE DRIFT, USED A PICK AND BLOWPIPE TO CLEAN OFF THE NEXT WORK SITE. WILL BE WORKING ON AN AREA OF SCAPOLITE. MOVED THE DRILL TO THE SITE AND WORKED ON GETTING DRILL WATER THERE. 7 HRS.

10 MAY '01 SOUTH OF PASSAIC PIT

PUT NEW FITTINGS ON AN OLD WATER HOSE AND SET UP TO DRILL. DRILLED HOLES AND WEDGED OUT ROCK. THE OBJECTIVE IS FLUORESCENT SCAPOLITE. FOUND SOME MICROS IN VUGS. 7 HRS.

14 MAY '01 NORTH OF NOBLE PIT  
DRILLED HOLES AND WEDGED OUT  
SCAPOLITE. REPAIRED A WATER  
HOSE BREAK. THE OIL BOTTLE HOSE  
BLEW OFF THE GOOSE NECK, CAUSING  
SOME EXCITEMENT. 7 HRS.

15 MAY '01 NORTH OF NOBLE PIT  
DRILLED HOLES AND WEDGED OUT  
SCAPOLITE. REPAIRED THE OIL BOTTLE  
HOSE. BROKE THE 2' STEEL. REPLACED  
IT WITH A 3' STEEL. THE END OF  
THE 3' STEEL BROKE UP IN THE  
CHUCK AND JAMMED THE DRILL. TOOK  
THE DRILL APART. 7 HRS.

16 MAY '01 NORTH OF NOBLE PIT  
HAD TO POUND THE STEEL OUT OF  
THE CHUCK, PUT THE DRILL BACK  
TOGETHER. DRILLED HOLES AND  
WEDGED OUT SCAPOLITE. DRILLED  
A LINE OF CLOSE HOLES AND  
POPPED THE TOP OF THE ROCK OFF.  
IT CONTAINS A CRYSTAL POCKET  
WITH LARGE SCAPOLITES. WENT  
BACK AFTER DARK TO SORT OUT  
BETTER FLUORESCENCE. 7 HRS.

17 MAY '01 NORTH OF NOBLE PIT  
HELPED BOB LOAD TWO BATCHES  
OF ROCK. ONE IN HIS TRUCK AND  
ONE IN HIS DOZER. THE SIDE BOLTS  
ON THE DRILL WERE LOOSE. FIXED IT.  
DRILLED HOLES IN A NEW PIECE OF  
THE OUTCROP. WEDGED OUT ROCK.  
GOT APATITE AND GALENA. 7 HRS.

18 MAY '01 NORTH OF NOBLE PIT  
DRILLED TWO HOLES IN A LOOSE ROCK.  
WEDGED OUT GALENA AND A PALE RED  
FLUORESCING MINERAL. DRILLED OUT  
A SMALL CRYSTAL POCKET. MOVED  
TO THE AREA WHERE JEFFERSONITE  
XLS ARE FOUND. DRILLED TWO HOLES  
IN A CALCITE BOULDER. HAD TO ADD  
A WATER HOSE AND REPAIR AN OLD  
ONE. 7 HRS.

22 MAY '01 RAINBOW TUNNEL  
SCALED LOOSE IN THE RAINBOW TUNNEL,  
LANDMESSER TUNNEL AND EDISON TUNNEL.  
FOUND ANOTHER EIMCO STARTER IN THE  
CAP MAGAZINE. WORKED ON CLEANING IT.  
RAINED OUT AFTER LUNCH. 4 HRS.

23 MAY '01 NORTH SIDE NOBLE PIT  
SCALED LOOSE IN THE ADIT. DRILLED  
HOLES AND WEDGED OUT ROCK IN THE  
JEFFERSONITE AREA. RAIN IN THE LAST  
TWO DAYS HAD TURNED THE AREA INTO  
A MUDDY MESS. 7 HRS.

24 MAY '01 NORTH SIDE NOBLE PIT  
DRILLED HOLES AND WEDGED OUT ROCK  
IN THE JEFFERSONITE AREA. SAW  
SOME FRANKLINITE XLS, BUT THEY  
ARE NOT ATTRACTIVE. MOVED THE  
DRILL TO THE WOLLASTONITE ZONE  
AND DRILLED HOLES IN BOULDERS.  
BROKE A 5' STEEL. STARTED  
WEDGING BOULDERS. 7 HRS.

25 MAY '01 NORTH SIDE NOBLE PIT  
DRILLED HOLES IN WOLLASTONITE BOULDERS  
AND WEDGED THEM APART. 6 HRS.

--- 59 ---

31 MAY '01 WEST VEIN  
INSTALLED A NEW STARTER IN THE  
EIMCO. HAD TO FILE DOWN THE  
NOSE TO GET IT IN. BEGAN TO  
MUCK OUT THE OLD STOPE IN  
THE WEST VEIN. A HYDRAULIC  
HOSE BURST. WENT TO NEWTON  
TO GET A NEW HOSE. USED A

CHAIN TO PULL A BIG CHUNK OF  
ORE OUT OF THE STOPE. 7 HRS.

1 JUN '01 WEST VEIN  
WORKED ON PULLING BIG SLABS  
OUT OF THE WEST VEIN STOPE.  
HAD TO HAND MUCK AROUND THEM  
IN ORDER TO GET THE CHAIN HOOKED  
UP. A BIG ONE IS STILL IN THE WAY.  
THE EIMCO CAN'T BUDGE IT. 7 HRS.

4 JUN '01 NORTH SIDE NOBLE PIT  
DRILLED HOLES AND WEDGED OUT  
WOLLASTONITE. BOB MANAGED TO MOVE  
THE BIG SLAB IN THE WEST VEIN  
STOPE WITH HIS MACHINE. IT STILL  
WOULD NOT COME OUT. I CAN DRILL  
IT LATER. 7 HRS.

5 JUN '01 NORTH SIDE NOBLE PIT  
DRILLED HOLES AND WEDGED OUT ROCK.  
CLEANED OFF THE WOLLASTONITE OUT-  
CROP. IT IS NOW READY TO DRILL.  
USED THE BLOWPIPE TO EXCAVATE AN  
AREA THAT MIGHT HAVE XLS. 7 HRS.

6 JUN '01 CHANGE HOUSE  
DRILLED  $3/8$ " HOLES NEAR THE  
FRONT AND BACK DOORS. INSTALLED  
ANCHOR BOLTS AND MOUNTED TWO  
STONE PLAQUES HONORING HARRY  
ZOBEL. HAD TO GO OUT TO A  
STORE TO GET A  $3/8$ " MASONARY  
BIT. 7 HRS

7 JUN '01 NORTH SIDE NOBLE PIT  
DRILLED HOLES IN WOLLASTONITE.  
CLEANED UP THAT AREA. MADE A  
WATER HOSE REPAIR. DRILLED HOLES  
AND BROKE TWO BOULDERS. ONE  
CONTAINS XLS. 7 HRS.

8 JUN '01 NORTH SIDE NOBLE PIT  
FOUND A PATH THRU THE QUAGMIRE  
IN THE PASSAIC PIT AND GOT THE  
EIMCO TO THE WORK SITE. MUCKED  
DIRT AND ROCKS EXPOSING TWO  
PIECES OF OUTCROP. CLEANED  
THEM MORE WITH A BLOW PIPE.

7 HRS

--- 49 ---

11 JUN '01 NORTH SIDE NOBLE PIT  
DRILLED AND BROKE UP BOULDERS. 7 HRS.

12 JUN '01 NORTH SIDE NOBLE PIT  
DRILLED HOLES AND WEDGED OUT ROCK AT THE  
MARGIN OF A CORRODED ZONE. MOVED BACK TO  
THE SCAPOLITE AREA AND DRILLED SOME  
HOLES. CLEANED OFF ANOTHER DRILL SITE.  
7 HRS.

13 JUN '01 NORTH SIDE NOBLE PIT  
MODIFIED THE LONG BLOWPIPE SO I  
COULD BLOW OUT THE DOWN HOLES.  
DRILLED A LINE OF 4' HOLES IN A  
SCAPOLITE ZONE. DRILLED HOLES AND  
WEDGED OUT ROCK AT THE FIRST  
SCAPOLITE ZONE. 7 HRS.

14 JUN '01 NORTH SIDE NOBLE PIT  
DRILLED HOLES AND WEDGED OUT ROCK  
WHERE THE BIG SCAPOLITE POCKET CAME  
FROM. GOT CRYSTAL POCKETS CONTAINING  
BARITE AND CALCITE. 7 HRS.

15 JUN '01 NORTH SIDE NOBLE PIT  
WASHED BROKEN ROCK FROM YESTERDAY.  
DRILLED HOLES AND WEDGED OUT ROCK.  
A TIRE BLEW OUT ON THE EIMCO WHILE  
IT WAS PARKED. 4 HRS.

20 JUN '01 NORTH SIDE NOBLE PIT  
CHANGED ~~A~~ A TIRE ON THE  
EIMCO. DID SOME DIGGING AT  
THE WORK SITE. MOVED COMPRESSOR  
AND TOOLS TO THE WEST VEIN  
STOPE. VERY HOT TODAY. 7 HRS.

21 JUN '01 WEST VEIN  
THE SPARE TIRE I PUT ON YESTERDAY  
HAS A SLOW LEAK. HAD TO AIR IT  
UP TWICE. USED THE EIMCO TO  
LOOSEN UP BIG CHUNKS OF GNEISS  
AT THE GALENA-APATITE SITE.  
GOT A SMALL SAMPLE WITH BARITE.  
SET UP THE '53' AT THE WEST  
VEIN STOPE. DRILLED HOLES IN  
THE BIG SLAB (SEE 4 JUN) AND  
WORKED ON WEDGING IT APART. 7 HRS.

22 JUN '01 WEST VEIN  
PUT A NEW TIRE ON THE EIMCO.  
DRILLED A ROW OF HOLES AND WEDGED  
OUT ORE TO MAKE THE OPENING INTO  
THE STOPE WIDER. MUCKED OUT THE  
REST OF THE BIG SLAB. USED CHAINS  
TO PULL BIG CHUNKS OUT OF THE  
STOPE. 7 HRS.

-- 53 --



26 JUN '01 WEST VEIN

PULLED BOULDERS OUT OF THE WEST VEIN STOPE. HAD TO DRILL AND BREAK A BIG ONE. 7 HRS.

27 JUN '01 WEST VEIN

PULLED MORE BOULDERS OUT OF THE STOPE WITH CHAINS AND A WIRE ROPE. CLEANED OFF THE FOOT WALL UP TO THE AREA WHERE BIG BOULDERS ARE JAMMED IN. VERY HOT OUTSIDE BUT COOL IN THE STOPE. 7 HRS.

28 JUN '01 WEST VEIN

CLEANED MORE MUCK OUT FROM UNDER THE BIG BOULDERS. THEY STILL WONT MOVE. GOT A GOOD NOZZLE AND TRIED WATER ON THEM BUT NO LUCK. 7 HRS.

29 JUN '01 WEST VEIN

USED ALL MY TRICKS AND GOT THE NEST OF BIG BOULDERS TO COME DOWN. 7 HRS.

3 JUL '01

WEST VEIN

HOOKEED TWO TWENTY FOOT PIPES TOGETHER AND POKED THE FILL IN THE STOPE. AFTER ABOUT TWO MINUTES A LARGE RUN OF FILL CAME DOWN. BEGAN MUCKING OUT THIS STUFF. THE LARGEST PIECE HAD TO BE DRILLED AND BROKEN INTO FOUR PIECES BEFORE THE EIMCO COULD MOVE IT. 7 HRS.

5 JUL '01

WEST VEIN

MUCKED OUT THE STUFF THAT CAME DOWN IN THE LAST RUN. CLEANED OFF THE FOOTWALL AND POKED THE HANG-UP WITH A 20' PIPE. GOT A BIG RUN TO COME DOWN AND MUCKED OUT SOME OF THAT. HAD TO PUT DOWN A STEEL PLATE WHERE THE EIMCO BUCKET GOES IN THE STOPE. 7 HRS

--- 42 ---

9 JUL '01 WEST VEIN  
DRAGGED ROCKS DOWN THE FOOT  
WALL WITH A HOE AND MUCKED  
THEM OUT WITH THE EIMCO.

STRUNG TOGETHER 40' OF PIPE  
AND POKED AT HUNG UP ROCKS.  
4 HRS.

10 JUL '01 WEST VEIN

DRAGGED MUCK DOWN WITH A HOE  
AND PULLED CHUNKS DOWN WITH  
CHAINS AND A CABLE. GETTING  
SMALL STUFF OUT FROM UNDER  
BIG HUNG-UP ROCKS WITH A 40'  
PIPE. 7 HRS.

11 JUL '01 WEST VEIN

PULLED MORE MUCK DOWN THE  
FOOTWALL WITH A HOE. PRODDED  
THE BOTTOM OF THE HANGING MASS  
WITH A 40' PIPE. WHILE EATING  
LUNCH A LARGE RUN CAME DOWN.  
BEGAN CLEANING THAT OUT. 7 HRS.

13 JUL '01 WEST VEIN

CLEANED MORE MUCK OFF THE FOOTWALL. THEN USED THE 40' PIPE TO GET A BIG RUN TO COME DOWN. IT HAD VERY LARGE PIECES IN IT. USED THE CABLE AND/OR CHAINS TO PULL CHUNKS OUT. WE NEEDED BOB'S LOADER TO PULL THE BIGGEST PIECE DOWN. IT IS TOO BIG TO COME OUT OF THE HOLE. I WILL HAVE TO DRILL AND BREAK IT. 7 HRS.

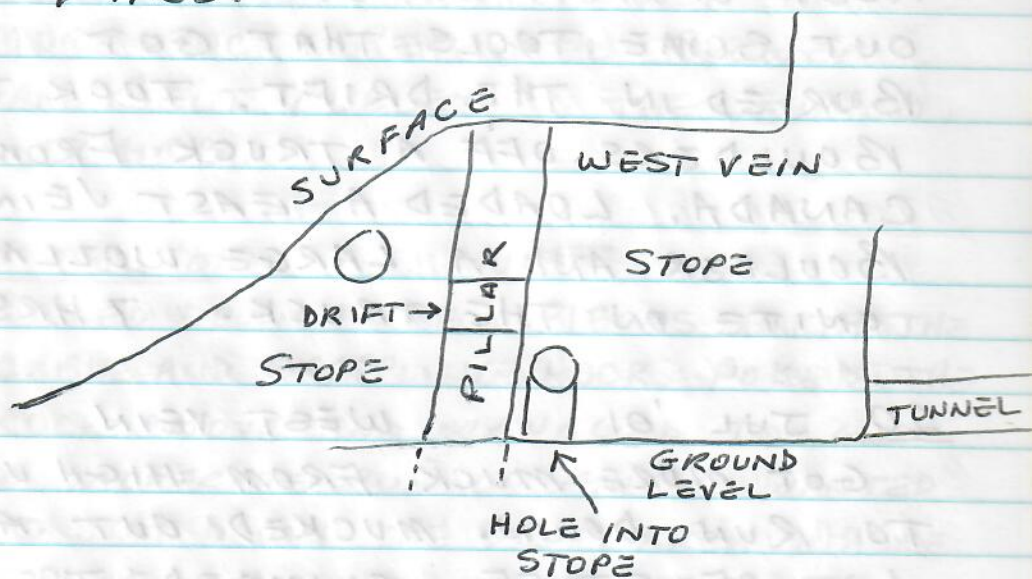
16 JUL '01 WEST VEIN

DRILLED AND BROKE THE BIG CHUNK. DRAGGED TWO PIECES OUT WITH THE EIMCO. THE REMAINING PIECE HAD TO BE DRILLED AND BROKEN AND THE EIMCO WAS JUST BARELY ABLE TO DRAG OUT THE BIGGEST REMNANT.

4 HRS. DRILLED TWO HOLES FOR ROCK BOLTS TO HANG A SLUSHER BLOCK.

17 JUL '01 WEST VEIN

RESET THE STEEL PLATE. MADE UP AND PUT IN A 3' BOLT TO HANG A SLUSHER BLOCK. CLEANED MUCK OFF THE FOOT WALL WITH A HOE. PULLED BIG PIECES DOWN WITH A CABLE AND/OR CHAINS. TRIED TWO BIG SLABS BUT THEY WONT MOVE. 7 HRS.



18 JUL '01 WEST VEIN

PULLED CHUNKS DOWN THE F/W WITH CABLE AND/OR CHAINS. CLEANED MUCK OUT OF THE DRIFT SO I COULD STAND IN IT AND WORK ON HUNG UP MUCK WITH A SCALING BAR. WHEN THE MUCK APPEARED TO BE READY TO GO I WENT DOWN TO GROUND LEVEL AND USED 50' OF PIPE TO POKE AT IT. A BIG

AVALANCH CAME DOWN. IT HAD  
MANY BIG CHUNKS AND FILLED  
THE BOTTOM PART OF THE STOPE.  
SPENT THE REST OF THE DAY  
WORKING ON THAT WITH THE  
EIMCO. 7 HRS.

19 JUL '01 WEST VEIN  
PULLED DOWN AND MUCKED OUT THE  
REST OF THE BIG AVALANCH. DUG  
OUT SOME TOOLS THAT GOT  
BURIED IN THE DRIFT. TOOK TWO  
BOULDERS OFF A TRUCK FROM  
CANADA. LOADED A EAST VEIN  
BOULDER AND A LARGE WOLLAST-  
ONITE ON THE TRUCK. 7 HRS.

20 JUL '01 WEST VEIN  
GOT MORE MUCK FROM HIGH UP  
TO RUN DOWN. MUCKED OUT A  
LOT OF STUFF. CLIMBED TO  
THE TOP OF THE STOPE WITH A SCALING  
BAR AND PRIED OUT SOME BIG  
PIECES. A LOT MORE NEEDS TO BE  
DONE THERE. 7 HRS.

-- 57 HR --

23 JUL '01

WEST VEIN

PULLED DOWN AND MUCKED OUT MORE ROCK. THE LAST PIECE WAS SO BIG IT HAD TO BE DRILLED AND BROKEN INTO 3 PARTS. BOB'S LOADER WAS NEEDED TO PULL THEM OUT.  
7 HRS.

24 JUL '01

WEST VEIN

PULLED DOWN AND MUCKED OUT MORE ROCK. REPAIRED BLOWER FAN BELT PULLEY ON THE EIMCO.  
7 HRS.

25 JUL '01

WEST VEIN

PULLED DOWN A FEW PIECES WITH THE CABLE AND GRAPPLING HOOK. POKED THE ROCK ABOVE AND MANAGED TO GET A MODERATE RUN OF MUCK. WANTED TO WET DOWN THE DUSTY AREA WHERE THE EIMCO OPERATES. IT TOOK AN HOUR TO REPAIR THE WATER HOSE. SUDDENLY A LARGE RUN OF MUCK CAME DOWN WHICH CONTAINED SOME TRULY HUGE PIECES. THE EIMCO SPRUNG A HYDRAULIC LEAK. CANABALIZED A PART OFF THE DISPLAY EIMCO BUT IT LEAKS TOO. PULLED A FEW BIG PIECES OUT, HAD TO DRILL AND BREAK ONE.  
7 HRS.

26 JUL '01

WEST VEIN

USED THE EXTENDED HOE TO CLEAN MUCK FROM UNDER A HUGE PIECE LAYING JUST ABOVE THE MUCKING POINT. IT CAME DOWN ALONG WITH ANOTHER BIG ONE. WORKED ON DRILLING HOLES AND BREAKING BOTH PIECES. CLIMBED TO THE TOP OF THE STOPE TO SEE WHERE THE BIG PIECES CAME FROM. IT LOOKS VERY DIFFERENT FROM THE LAST TIME I SAW IT. 7 HRS.

27 JUL '01

WEST VEIN

WORKED ON ~~DRILLING~~ DRILLING AND BREAKING THE BIG PIECES, ONE WAS ROCK, THE OTHER NICE ORE. 7 HRS.

30 JUL '01

WEST VEIN

FINISHED BREAKING THE LAST BIG PIECE. NEEDED BOB'S LOADER TO DRAG OUT THE REMNANT. PULLED DOWN MUCK AND BOULDERS. THE LAST ONE WE GOT DOWN WILL HAVE TO BE DRILLED AND BROKEN. 7 HRS.



31 JUL '01 WEST VEIN

DRILLED AND BROKE THE BIG CHUNK LEFT OVER FROM YESTERDAY. PULLED MORE CHUNKS AND MUCK DOWN THE FOOTWALL. GOT A REALLY BIG PIECE TO MOVE 20' DOWN BUT IT IS STILL HUNG UP. BOB GOT A NEW HYDRAULIC HOSE TO REPLACE THE PIPE THAT LEAKS. SOON AFTER INSTALLING IT THE EIMCO LOST FORWARD DRIVE POWER. 6 HRS.

2 AUG '01 WEST VEIN

MUCKED OUT SOME ROCK UNTIL THE EIMCO QUIT WORKING. GOT THE POWER WASHER AND CLEANED AN ACCUMULATION OF GUNK OFF THE EIMCO HYDRAULIC SYSTEM SO I COULD TRY BLEEDING AIR OUT OF IT. IT DID NOT HELP. THE HYDRAULIC PUMP MAY BE WORN OUT. TRIED VARIOUS WAYS OF PULLING DOWN A BIG PIECE BUT EVEN BOB'S LOADER COULD NOT MOVE IT. 7 HRS.

3 AUG '01

WEST VEIN

MUCKED OUT THE LOOSE STUFF AT THE MUCKING POINT. THE EIMCO WILL WORK, POORLY, UNTIL IT GETS HOT. HAND MUCKED FINES OFF THE FOOTWALL TO UNDERMINE THE BIG PIECE. PULLED A SEMI-BIG PIECE OUT WITH BOB'S LOADER. 7 HRS.

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6 AUG '01

WEST VEIN

DRILLED HOLES AND WEDGED OUT ORE ON THE NORTH SIDE OF THE HOLE INTO THE STOPE. BECAUSE THE EIMCO CANT MUCK ANY MORE WE HAVE TO USE BOB'S LOADER. 95° TODAY. 7 HRS.

7 AUG '01

WEST VEIN

DRILLED FOUR HOLES AND WEDGED OUT ORE. THE STOPE ENTRANCE IS NOW BIG ENOUGH FOR BOB'S LOADER. CONTINUED TO UNDERMINE THE BIG PIECE. 95° AGAIN. 7 HRS.

8 AUG '01 WEST VEIN  
REMOVED ROCKS FROM AROUND THE  
BIG PIECE. NO LUCK. HAND MUCKED  
FINES OUT FROM UNDER IT  
AND IT FINALLY SLID DOWN.  
7 HRS. 95° TODAY

9 AUG '01 WEST VEIN  
DRILLED MANY HOLES IN THE BIG  
PIECE AND BROKE IT INTO ABOUT  
SIX PIECES. BOB'S LOADER WAS  
JUST BARELY ABLE TO DRAG OUT  
THE BIGGEST ONE. PULLED ROCKS  
DOWN THE F/W AND MUCKED  
THEM OUT. 7 HRS. 98°

10 AUG '01 WEST VEIN  
HAND MUCKED AND PULLED DOWN  
SOME BIG PIECES WITH CABLE  
AND CHAINS. THIS MADE ROOM FOR  
THE NEXT RUN OF MUCK. USED  
A LONG SCALING BAR TO GET  
A GOOD RUN OF MUCK INCLUDING  
SOME BIG PIECES. 6.5 HRS.

13 AUG '01

WEST VEIN

HAND MUCKED SMALL STUFF  
AND PULLED DOWN BIG PIECES  
WITH CABLE AND/OR CHAINS.  
BOB'S LOADER WAS STRAINING  
ON SOME OF THEM. 7 HRS.

14 AUG '01

WEST VEIN

PULLED DOWN PIECES WITH CABLE  
AND/OR CHAINS. MUCKED THEM OUT  
UNTIL THE EIMCO GOT TIRED. CLIMBED  
TO THE TOP OF THE STOPE AND PRIED  
OUT MUCK WITH A LONG SCALING BAR.  
BOB MUCKED OUT THE RESULT WITH  
HIS LOADER. 7 HRS.

15 AUG '01

WEST VEIN

DID THE SAME AS YESTERDAY  
EXCEPT THAT THIS TIME I CLIMBED  
TO THE TOP BY WALKING UP THRU  
THE STOPE. 7 HRS.

16 AUG '01

WEST VEIN

PULLED DOWN BIG PIECES AND HAND  
MUCKED, SPENT THE AFTERNOON  
AT THE TOP OF THE STOPE.

7 HRS.

--- 62.5 ---

20 AUG '01 WEST VEIN  
HAND MUCKED AND PULLED DOWN BIG  
PIECES WITH CHAINS AND/OR CABLE,  
7 HRS.

MISSED 4 DAYS - STRAINED RIB CAGE

27 AUG '01 EAST VEIN  
MOVED COMPRESSOR AND TOOLS  
TO A NEW LOCATION ON THE  
EAST VEIN. WE ARE SHUTTING  
DOWN THE WEST VEIN STOPE  
DUE TO A CLOSE CALL WHEN  
BOB WAS NEARLY MASHED BY  
A PIECE WHICH FELL OFF THE  
HANGING WALL. 7 HRS.

28 AUG '01 EAST VEIN  
DRILLED HOLES AND WEDGED  
OUT FOOTWALL ROCK. 7 HRS.

29 AUG '01 EAST VEIN  
DRILLED HOLES AND WEDGED OUT  
ORE AND ROCK. 7 HRS.

31 AUG '01 EAST VEIN  
DRILLED HOLES AND WEDGED OUT ORE  
AND ROCK. 5 HRS.

--- 33 HRS ---

4 SEP '01 EAST VEIN  
DRILLED HOLES AND WEDGED  
OUT ORE. 7 HRS.

5 SEP '01 EAST VEIN  
DRILLED HOLES AND WEDGED OUT  
ORE. IT IS NICE RED & GREEN.  
SEPARATED OUT 4 BIG PIECES  
THAT BOB WANTS FOR A CLIENT.  
7 HRS.

7 SEP '01 EAST VEIN  
CLEANED OFF THE OUTCROP  
WITH A SHOVEL. DRILLED HOLES  
AND WEDGED OUT ORE. 7 HRS.

10 SEP '01 EAST VEIN  
DRILLED HOLES AND WEDGED OUT  
ORE. THE SHANK ON THE STEEL  
BROKE UP IN THE DRILL. HAD TO  
TAKE THE CHUCK OUT AND POUND  
THE STEEL OUT OF IT. 7 HRS.

11 SEP '01 EAST VEIN  
REASSEMBLED THE "53" AND  
PREPARED A NEW 3' STEEL.  
DRILLED HOLES AND WEDGED OUT  
ORE. THE PASSAIC PIT IS LIKE  
A MEGAPHONE, MAGNIFYING  
SOUND. HEARD A STRANGE NOISE