

29 NOV 90

700 - 800

DRILLED TWO STRIP HOLES AT THE
STILBITE AREA OF 740 X-CUT (700).
SCALED DOWN SOME WOLLASTONITE AND
CARRIED A BAG OF IT DOWN 740 RAISE.
TRIED THE AIR LIFTER AND IT DID NOT
WORK. WENT DOWN TO THE WATER
(76 RUNGS ↓ 800), CUT THE FILL LINE
AND PUT AN INJECTOR IN IT. REMOVED
AIR AND WATER PIPES IN 1040 X-CUT IN
PREPARATION FOR BLASTING REALGAR.

1 DEC 90

700-800

DISMANTLED TWO INCH PIPE LINE
NORTH OF 1230 PILLAR. MOVED PIPE
AND CONNECTORS UP TO 600 LEVEL.
INSTALLED MORE LADDERS IN 740
RAISE AND ADDED SIX FEET TO THE
WATER LINE.

4 DEC 90

180 - 340 - 700 - 800

DUE TO A HEAVY OVERNIGHT RAIN I STOPPED ON 180 AND 340 TO SEE WHAT ROUTES THE STORM WATER WAS TAKING. ON 800 I REMOVED AIR AND WATER PIPES FROM THE EAST BRANCH F/W DRIFT. TRANSFERRED THEM TO 600. THE BLASTER CAME IN AT 4:30 AND WE SHOT STRIP HOLES ON 700 & 800.

5 DEC 90

700 - 800

WASHED MUCK PILES AND SCALED LOOSE. FOUND NICE REALGAR & ZINKENITE IN 1040 X-CUT. SOME POSSIBLE GAHNITES TURNED UP NEAR THE OLD SHAFT. GOT FOUR BUCKETS OF NICE BARITE ON 700. REFIRED A MIS-HOLE THERE. WOLLASTONITE CAME OUT GOOD AND REVEALED A STRANGE PATTERN OF OCCURANCE. TOOK FOUR BAGS OF BARITE AND ONE BAG OF WOLLASTONITE DOWN 740 RAISE.

6 DEC 90 ADIT

WENT IN AT 12:30 TO MEET THE BLASTER. WE LOADED AND FIRED THE DEMONSTRATION ROUND IN THE RAINBOW TUNNEL. WE WILL BE DRIVING EAST TO HIT THE CENTRAL ZINCITE ZONE. MUCKED OUT WITH THE LHD.

7 DEC 90 ADIT

FINISHED MUCKING OUT DRIFT ROUND, SET UP THE "53" AND DRILLED MOST OF A DRIFT ROUND. DRILLED TWO CENTER HOLES WITH THE LONG HOLE DRILL.

8 DEC 90 ADIT - 700 - 800

FINISHED THE DRIFT ROUND. WENT UP 740 RAISE AND CHECKED OUT THE LAST HOLE I FIRED IN THE BARITE. GOT A FEW PIECES. WENT TO 1250 STOPE WITH RON TIBBETTS. WE GOT THE LHD RUNNING. DRAGGED A BOULDER OF NICE ORE TO THE RAISE AND BEGAN DISMANTLING THE LHD.

9 DEC 90 700 - 800

MUCKED OUT 1040 X-CUT. SENT UP
SOME LARGE PIECES AND THREE PAILS
OF REALGAR / ZINKENITE. MUCKED OUT
1220 X-CUT AND THE OLD SHAFT X-CUT.
WATER IS 58 RUNGS BELOW 800 LEVEL.
STEVE MISIUR AND HELPERS WORKED ON
WOLLASTONITE IN 740 X-CUT (700). WE
SENT ABOUT 20 BAGS DOWN 740 RAISE.

10 DEC 90 ADIT - 500 - 700 - 800

LOADED AND FIRED A DRIFT ROUND. BROKE
GOOD. STEVE MUCKED OUT. I WENT
UNDERGROUND WITH FRED AND SHOT STRIP
HOLES IN 1020 X-CUT 500 LEV, 1250 STOPE
700 LEV, BARITE 700 LEV, AND 1220 X-CUT
800 LEVEL.

11 DEC 90 ADIT

DRILLED MOST OF A NINE FOOT DRIFT
ROUND. DRILLED TWO 4" CENTER HOLES WITH
THE LONG HOLE MACHINE.

12 DEC 90 ADIT - 500 - 600 - 700 - 800

FINISHED THE DRIFT ROUND AND GOT
READY FOR BLASTING. WENT UNDERGROUND
TO CHECK OUT STRIP ROUNDS. 1020 X-CUT
(500) BROKE OK. 1020 CHUTE (600) OK.
1250 STOPE (700) BROKE GOOD. 1220 X-CUT
(800) PRODUCED SOME NORBERGITE. BARITE
ON 700 BROKE GOOD AND PRODUCED FOUR
BUCKETS OF PRIME STUFF AND A NICE
20" X 15" SLAB. THE BARITE VEIN IS
ABOUT 24" LONG AND ONE INCH THICK. IT
BREAKS DOWN THE MIDDLE; PRODUCING FLAT
SLABS WITH GOOD COVERAGE. SCALED SOME
NICE PIECES OFF THE FACE, INCLUDING A
KEEPER FOR ME.

13 DEC 90 ADIT - 700

LOADED AND FIRED A NINE FOOT DRIFT ROUND. BROKE PERFECT. WENT TO THE BARITE LOCATION ON 700 AND FIRED A STRIP HOLE. WE TIMED IT TO GO OFF AT THE SAME TIME AS THE DRIFT. BOB AND I WENT BACK AFTER LUNCH AND GATHERED TWO PAILS OF BARITE. STEVE MUCKED OUT THE DRIFT ROUND. SET UP A DRILL FOR TOMORROW.

14 DEC 90 ADIT

DRILLED ANOTHER NINE FOOT DRIFT ROUND. CUT TWO FOUR INCH CENTER HOLES WITH THE LONG-HOLE DRILL. STEVE MISUR IS NOW DOING SOME OF THE DRILLING. HAD THE PLEASURE OF A VISIT BY JOHN PAIVA.

15 DEC 90 740 X-CUT (700)

WATER IS 48 RUNGS BELOW 800 LEVEL. USED THE "53" ON 700 TO DRILL SOME SHORT HOLES AROUND A STILL-BITE POCKET. USED THE "53" TO KNOCK DOWN SOME LOOSE IN THE WOLLASTONITE AREA. GOT TWO PAILS FULL AND THREE BIG PIECES. TWO OF THEM ARE VERY NICE YELLOW AND ORANGE. MOVED THE "53" TO THE BAKITE AREA. DRILLED SOME SHORT HOLES AND WEDGED OUT SOME NICE STUFF. GOT A PAIL FULL AND ONE LARGE SLAB. IT TOOK FOUR OF US TO CARRY THE SLAB TO THE TOP OF 740 RAISE. IT IS 2' X 3' AND VERY NICE. PICKED UP SIX PIECES OF PIPE ON 600 LEVEL AND TOOK THEM TO THE RAINBOW TUNNEL.

17

~~#~~ DEC 90 ADIT - 700

ADDED SIXTY FEET OF AIR & WATER PIPE TO THE LINES IN THE RAINBOW TUNNEL. LOADED AND FIRED A NINE FOOT ROUND. BROKE GOOD. FIRED FOUR HOLES IN 740 X-CUT (700) AT THE STILBITE OCCURANCE. NO GOOD. DRILLED A STRIP HOLE IN THE NORTH BARITE LENS. WE ADVANCED 25' LAST WEEK IN THE NEW TUNNEL. GOT #300 FOR DRIFT WORK. STEVE MUCKED OUT AND I SET UP THE "53" TO DRILL THE NEXT ROUND.

18 DEC 90 ADIT

DRILLED A NINE FOOT DRIFT ROUND. EVERY HOLE HIT A THICK BAND OF GRAPHITE. TURNED THE DRIFT SLIGHTLY NORTH, AS PER BOB SVECO'S INSTRUCTIONS.

19 DEC 90 ADIT - 700 - 800

LOADED THE DRIFT ROUND. FRED WIRED IT AND FIRED. AT THE SAME TIME I WENT TO 700 AND FIRED A STRIP HOLE IN THE BARITE. AFTER LUNCH WE WENT TO 800 AND FIRED THREE STRIP HOLES IN 1040 X-CUT AT THE EAST VEIN FOOTWALL DRIFT. THE BARITE STRIP PRODUCED FOUR PAILS OF CHOICE SPECIMENS. 800 PRODUCED SOME UNUSUAL ORE BUT NO KEEPERS. STEVE MUCKED OUT THE DRIFT ROUND. THEN I SET UP THE DRILL FOR TOMORROW.

20 DEC 90 ADIT

DRILLED A NINE FOOT DRIFT ROUND IN THE NEW RAINBOW TUNNEL.

21 DEC 90 ADIT -700

LOADED AND FIRED A DRIFT ROUND. BROKE PERFECT. WE ARE IN 51', THAT IS 26" THIS WEEK. ON 700 WE PULLED THE EIMCO OUT OF 1250 STOPE. BOB HAUCK HAD BROKEN IT DOWN AND BOTH HALVES CAME UP EASILY. THE FILL IN 1240 STOPE HAS SUBSIDED IN THE PAST MONTH. TODAY WE DISCOVERED THAT 1220 PILLAR IS COLLAPSING INTO 1240 STOPE, LEAVING THE TRACKS IN 1220 X-CUT HANGING IN MID AIR. THIS WILL COMPLICATE GETTING THE EIMCO OUT TO THE SHAFT. STEVE MUCKED OUT THE DRIFT ROUND AND I SET UP THE DRILL FOR THE NEXT ROUND. WE HAVE RED FLUORESCENT CALCITE IN THE END OF THE DRIFT.

22 DEC 90 ADIT

DRILLED ANOTHER NINE FOOT ROUND IN THE EAST TUNNEL. GOT \$260 FOR DRIFT WORK.

24 DEC 90 ADIT - 700

LOADED AND FIRED A DRIFT ROUND.
BROKE PERFECT. WENT TO 700 LEVEL
TO EXAMINE 1220 PILLAR. LOOKS
THE SAME (BAD). STEVE MUCKED OUT
THE DRIFT. SET UP THE "53" AND
DRILLED A THIRTEEN FOOT TEST
HOLE. NO ORE.

26 DEC 90 ADIT

DRILLED ANOTHER NINE FOOT DRIFT
ROUND IN THE EAST TUNNEL.

27 DEC 90 ADIT - 700 - 800

FIRED A DRIFT ROUND IN THE NEW
EAST TUNNEL. WENT TO 800 LEVEL AND
BROUGHT DRILL, HOSES, ETC. OUT TO THE
STATION. MOVED DRILL, HOSES, ETC. IN
740 X-CUT (700) TO THE TOP OF 740 RAISE.
CARRIED MOST OF THE HOSES DOWN THE RAISE.
STEVE MUCKED OUT THE DRIFT ROUND. DRILLED
A TEST HOLE - ORE AT SIX FEET.

28 DEC 90 ADIT

DRILLED ANOTHER NINE FOOT ROUND
IN THE NEW EAST TUNNEL. THE
FACE IS NOW 68' FROM THE STARTING
POINT. GOT #170 FOR DRIFTWORK.

31 DEC 90 ADIT

LOADED AND FIRED A DRIFT ROUND.
EIGHT HOLES DID NOT BREAK. STEVE
MUCKED OUT. I BLEW OUT THE HOLES.
WE RE LOADED AND FIRED AGAIN. END
RESULT WAS ABOUT AN EIGHT FOOT
BREAK. POSSIBLE CAUSES: MUD SEAM
AT EIGHT FEET OR NOT LOADING
CLOSE ENOUGH TO THE COLLAR OF
THE HOLES. ROCK TYPE IS NOW BANDS
OF LEAN ORE IN FLUORESCENT CALCITE.

2 JAN 91 700 - 800

CARRIED THE DRILL 40' DOWN 740 RAISE AND DRILLED TWO STRIP HOLES IN A MCGOVERNITE ZONE. FINISHED CLEAN UP IN 740 X-CUT (700) AND GOT EVERYTHING DOWN TO 800 LEVEL. MOVED IT OUT TO THE SHAFT AND UP TO 700 STATION. THE WATER WAS 15 RUNGS BELOW 800 STATION AT LUNCH TIME.

3 JAN 91 700 - 800

USED THE EIMCO TO CARRY TWO MORE LOADS OF GEAR OUT TO THE STATION. PUT THE EIMCO CARRIER ON THE END OF THE ROPE AND MOVED THE EIMCO TO 700 LEVEL. MUCKED FILL OUT OF 101D F/W DRIFT, FILLED IN THE BULKHEAD DOOR AND MOVED TWO ROCKER DUMP CARS TO THE STATION. MOVED TWO LOADS OF SMALL STUFF FROM 800 TO 700.

4 JAN 91

600 - 700 - 800

WATER IS ELEVEN RUNGS BELOW 800 STATION. SHOWED STEVE SANFORD AROUND 700 AND 800 LEVELS. MOVED STATION BRIDGE FROM 800 TO 600. RECOVERED AIR AND WATER PIPES ON 800. SENT TWO ROCKER DUMP CARS FROM 700 TO SURFACE.

5 JAN 91

700 LEVEL

REPAIRED TIMBER WORK IN 1120 X-CUT. MUCKED OUT SOME OF THE FILL THAT IS BLOCKING THE DRIFT. BUILT DAMS TO ROUTE THE WATER TO THE ORE PASS.

7 JAN 91

700 - 800

REMOVED LADDERS FROM 740 RAISE AND SHOT THE STRIP HOLES DRILLED ON 2 JAN. GOT SOME NICE MCGOVERNITE. SHOT TWO HOLES ON 800 LEVEL AND GOT MORE MCGOVERNITE. REMOVED WATER PIPES FROM WEST VEIN F/W DRIFT. MOVED PART OF AIR LIFTER FROM 800 TO 700 LEVEL.

8 JAN 91 700 - 800

EXTRACTED POWDER FROM A MISFIRE IN 740 X-CUT (800). MUCKED FILL OUT OF 1120 X-CUT. BOB CUT UP PIECES OF 3" PIPE AND WE USED IT TO REPLACE ROTTEN TIMBER IN THE SECOND STEEL SETS. SCALED THE HANGING WALL IN THE SOUTH END OF 1250 STOPE. WAS LOOKING AT SULFIDE VEINS.

9 JAN 91 700 LEVEL

CONTINUED MUCKING FILL OUT OF 1120 X-CUT AND FINISHED REPAIRS ON STALLS UNDER 1120 STOPE. DUMPED MOST OF THE FILL INTO 1240 STOPE.

10 JAN 91 700 - 800

SHOWED DICK BOSTWICK AND EARL VERBECK THE MINERAL WONDERS WHICH CAN BE SEEN BY CLIMBING 740 RAISE TO 700 LEVEL. TOOK A LAST WALK AROUND 800 LEVEL. THE WATER WAS AT THE EXACT LEVEL OF THE OLD SHAFT STATION AT 9:30 AM. FINISHED MUCKING OUT FILL IN 1120 X-CUT (700). BOB DID MORE WORK ON THE STALLS THERE. WASHED DRIFT WALLS IN 1120 X-CUT, 1010 STOPE, AND 1220 X-CUT NEAR THE EAST VEIN. SCALED LOOSE IN 1250 STOPE. GOT SOME VEIN SPHALERITE.

12 JAN 91 700 LEVEL

WASHED DRIFT WALLS IN EAST VEIN AREA. WATER IS ONE FOOT DEEP ON 800 SHAFT STATION.

13 JAN 91 700-600

WASHED DRIFT WALLS IN EAST VEIN
AREA AND 1120 X-CUT. ON 600 LEVEL,
CHECKED OUT PART OF THE FRANKLINITE
ZONE LOOKING FOR BARITE. FOUND
ONLY A FEW SPECKS. WALKED DOWN
AND BACK UP.

14 JAN 91 ADIT

DRILLED A NINE FOOT ROUND IN THE
NEW EAST TUNNEL.

15 JAN 91 700 LEVEL

DRILLED STRIP HOLES IN 1120 X-CUT AND
1010 STOPE. WASHED DRIFT WALLS IN 1120
X-CUT. INSTALLED A TROLLEY CABLE IN
1220 X-CUT.

16 JAN 91 700 - 800

DRILLED FOUR PIN HOLES IN 1220 X-CUT TO IMPROVE THE TROLLEY CABLE.

DRILLED SIX STRIP HOLES IN THE EAST VEIN AREA. DRILLED SEVEN STRIP HOLES IN 1250 STOPE. WENT DOWN 1250 NORTH MANWAY AND SAW ABOUT A FOOT OF WATER UNDER 1250 CHUTE.

17 JAN 91 700 LEVEL

DRILLED SEVEN STRIP HOLES IN THE EAST VEIN AND BROWN WILLEMITE AREA.

DRILLED OUT THE DAM IN 935 F/W DRIFT AT 1040 X-CUT. WASHED WALLS

IN 1120 X-CUT.

20 JAN 91 700 LEVEL

WASHED DRIFT WALLS IN 1120 X-CUT AND THE EAST VEIN F/W DRIFT BETWEEN 1220 X-CUT AND 1040 X-CUT. ALSO IN THE BROWN WILLEMITE ZONE.

21 JAN 91

700 LEVEL

WASHED DRIFT WALLS IN SHAFT STATION AND SAFETY EXIT AREA. DRILLED SIX STRIP HOLES IN EAST VEIN F/W DRIFT AT 1040 X-CUT. DARRYL AND BRUCE RAN THE PUMP ON 500 LEVEL FOR TWO HOURS.

22 JAN 91

700 LEVEL

WASHED DRIFT WALLS IN THE SAFETY EXIT. SCALED LOOSE IN 1250 STOPE AND REMOVED TWO ROCK BOLTS FROM THE HANGING WALL. SHOOTING THESE HOLES MIGHT LOOSEN UP SOME OF THE SULFIDE VEIN MATERIAL.

23 JAN 91

700 LEVEL

WASHED DRIFT WALLS IN 1220 X-CUT AREA.

24 JAN 91 500 LEVEL

USED BLOW PIPE TO CLEAN UP STRIP MUCK IN 1020 X-CUT. DRILLED SIX STRIP HOLES. HELPED BOB HANG PIPES FOR AIR LIFTER.

26 JAN 91 500 AND 700 LEVELS

HOOKED UP AIR SUPPLY ON 700 FOR AIR LIFTER. TESTED - INCONCLUSIVE.

SET UP DRILL IN 1120 X-CUT AND DRILLED SIX STRIP HOLES IN GNEISS ZONE. WENT TO 500 LEVEL AND CHECKED 700 X-CUT AND FRANKLINITE ZONE WITH BLACKLIGHT. FOUND MINOR WOLLASTONITE ZONE IN 700 X-CUT.

28 JAN 91 ADIT

SCALED LOOSE AND BOLTED IN THE RAINBOW TUNNEL AND NEW EAST TUNNEL. 25 BOLTS. BOB RAN THE 500 LEVEL PUMP FOR THREE HOURS.

30 JAN 91

180 LEVEL

EXPLORED NORTH AND SOUTH OF THE OLD SHAFT IN THE EAST VEIN. CLIMBED UP THE PIERCE SHAFT TO THE CONCRETE RETAINING WALL AND FOLLOWED IT TO ITS NORTH END. PAST THAT FILL LIES RIGHT ON A FLOOR PILLAR. TOOK AN ALUMINUM LADDER UP TO THE LOG CABIN SHAFT AREA. FOUND SOME OLD DRILL HOLES, CLEANED THEM OUT AND PUT IN STEEL PINS. NEEDS MORE WORK.

31 JAN 91

180 LEVEL

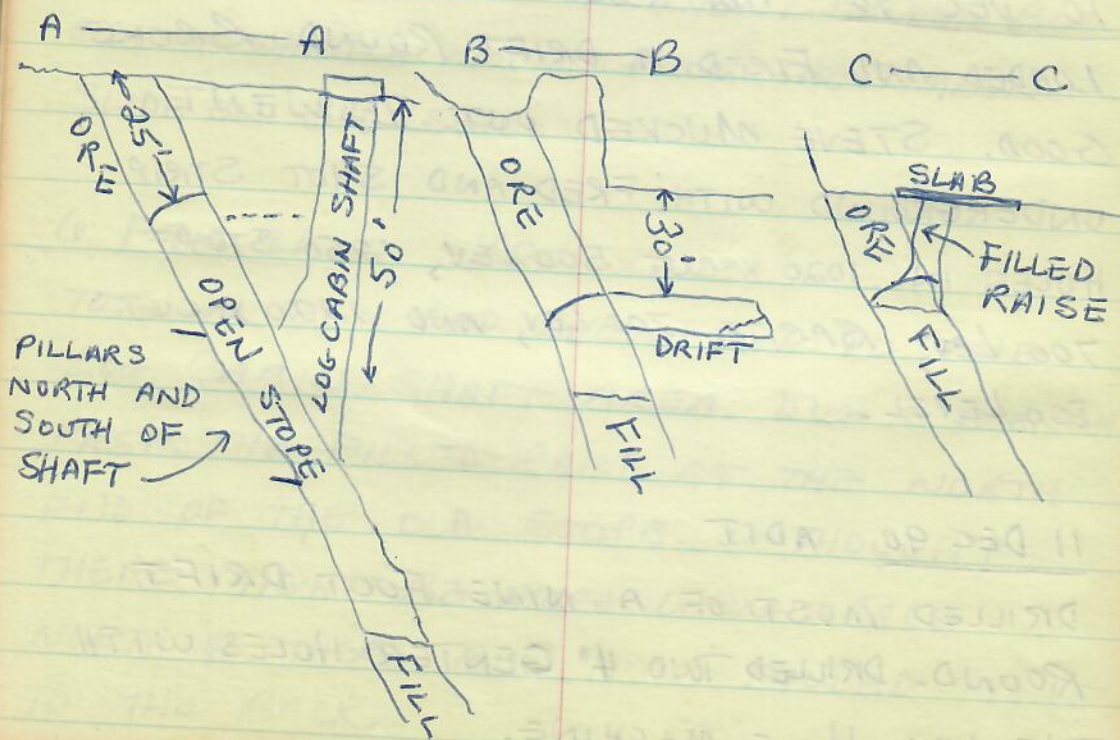
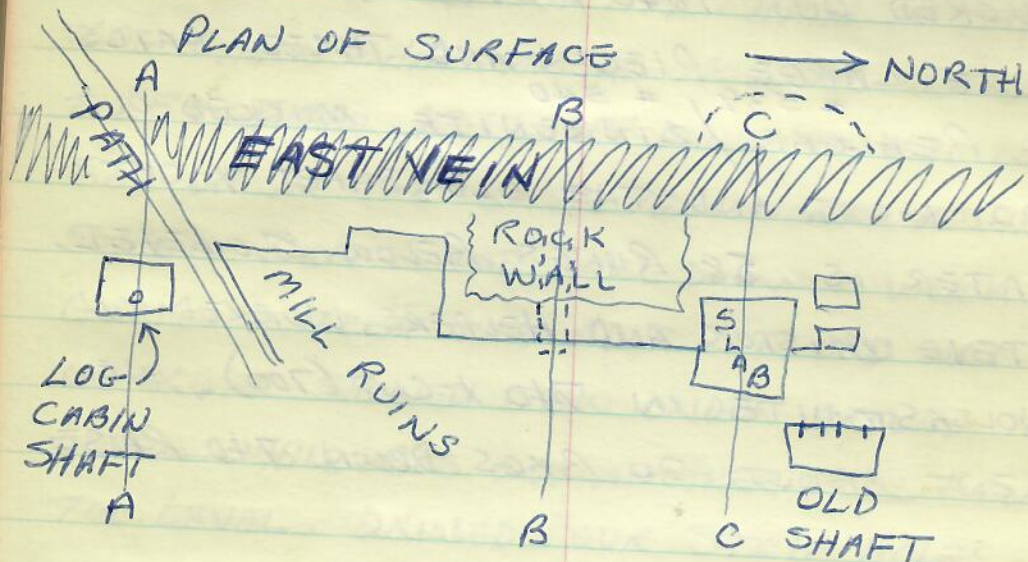
CLIMBED TO THE TOP OF THE PILLAR SOUTH OF THE LOG CABIN SHAFT. EXPLORED TO THE NORTH FROM THERE. THIS MUST BE THE TOP OF THE OLD PASSAIC MINE. THE BACK SEEMS TO BE ABOUT TWENTY FEET BELOW THE SURFACE. THE FILL JUST NORTH OF THE LC SHAFT IS ABOUT 30' BELOW THE BACK. IT

SLOPES UPHILL TOWARDS THE NORTH AND REACHES THE BACK AT THE FOOT OF A RAISE. THE RAISE IS FILLED WITH OLD MILL DEMOLITION MATERIAL. ABOUT 30' SOUTH OF THE RAISE IS A DRIFT IN THE HANGING WALL. WE HAD TO GET A LADDER TO GET INTO IT. IT GOES ABOUT 40' EAST AND ENDS IN A PILE OF MARBLE RUBBLE. THE DRILL HOLES ARE SHORT AND TRIANGLE SHAPED. PACING OFF THIS AREA ON THE SURFACE SEEMS TO PUT THE RAISE ~~NEAR~~^{NEAR} THE OLD SHAFT HEADFRAME.

2 FEB 91 180 LEVEL

MADE UP A 50' STRING AND DROPPED IT THROUGH A HOLE IN THE LOG CABIN SHAFT CAP. IT INDICATES A THICKNESS OF 25' TO 30' OF ORE TO THE SURFACE. USED A STEEL TAPE TO MEASURE THE SIZE OF THE STOPE. THE HANGING WALL DRIFT IS 130' NORTH OF THE SHAFT AND THE RAISE IS 53' NORTH OF THAT. USED THE TAPE TO

LAY IT OUT ON THE SURFACE.



5 FEB 91

180 - 430

INSTALLED A ~~SA~~ SAFETY CHAIN IN THE LOG CABIN SHAFT ABOVE 180 LEVEL. CARRIED A "53" FROM 935 STOPE DOWN TO 430 LEVEL. SET UP IN THE EAST VEIN NORTH OF THE SAFETY EXIT. THE DRILL DID NOT WORK. GOT ONE FROM THE ADIT. IT DID NOT WORK. I SHOWED JOHN ONDER AROUND THE LEVEL WHILE BOB GOT ANOTHER DRILL FROM 700 LEVEL. DRILLED FOUR STRIP HOLES IN A FRANKLINITE LOCATION. HELPED BOB GET A WHISTLE MOUNT FROM THE TIMBER SLIDE ON 340 LEVEL.

6 FEB 91

180 LEVEL

TOOK A PICK AND SHOVEL UP TO THE LOG CABIN SHAFT AREA. DUG A TRENCH PAST THE FILLED RAISE AT THE NORTH END OF THE OLD STOPE. I THOUGHT THERE MIGHT BE MORE OPEN SPACE NORTH OF THERE BUT IT IS FILLED TIGHT TO THE BACK.

7 FEB 91

180 LEVEL

DRILLED A PIN HOLE IN THE LOG CABIN SHAFT FOR THE PURPOSE OF HANGING LADDERS. I HELD THE STEEL WHILE JOHN ONDER AND BOB HAUCK TOOK TURNS SWINGING A SMALL SLEDGE. HUNG SEVEN LADDERS WITH LADDER HOOKS AND CHAINS. THIS WILL GIVE SAFER AND EASIER ACCESS TO THE AREA. WENT NORTH TO THE PIERCE SHAFT AND CHECKED OUT CONDITIONS ON 240 LEVEL.

11 FEB 91

180 LEVEL

WORKED ON DIGGING OUT A RAISE THAT COMES UP TO 180 LEVEL ABOUT 100' SOUTH OF THE OLD SHAFT. IT IS FILLED WITH CHUNKS OF ORE AND FINE STUFF. THE FILL SEEMS TO BE CEMENTED. TOUGH DIGGING. THE HOPE IS THAT THE RAISE LEADS TO A LEVEL JUST BELOW 180 THAT IS CONNECTED TO THE MARSHALL SHAFT. AIR FLOWS UP THE RAISE.

12 FEB 91

180 LEVEL

DID MORE DIGGING IN THE RAISE AND GOT DOWN INTO THE SUB-LEVEL BELOW 180. FOUND IT TO BE FILLED WITH SHOT ROCK RIGHT UP TO THE BACK. A LOT OF THE SHOT ROCK IS ORE. DUG A TRENCH THROUGH THE FILL GOING SOUTH. AT ABOUT 50' BROKE THRU INTO A LARGE, OPEN SPACE. THE SOUTH WALL IS A WIDE FILL FENCE BRACED BY FANCY TIMBERWORK COMPOSED OF LARGE TREE TRUNKS. SOME OLD DRILL STEELS AND TOOLS WERE FOUND.

13 FEB 91

180 - 700

CHECKED KEEL AREA ON 180 WITH BLACKLITE. FOUND AN INSIGNIFICANT BARITE OCCURANCE AND A MILLION BATS. EXPLORED AN OLD SUB-DRIFT ABOVE 820X-CUT AND FOUND SOME OLD TOOLS. WENT BACK INTO THE SUB-LEVEL BELOW 180. BOB FOUND AN OLD POWDER BOX WHICH SAID "GIANT POWDER" ON THE END. WE ALSO FOUND FRAGMENTS OF WOOD DISCS WHICH HAD

"PASSAIC ZINC CO" STAMPED INTO THEM.
POSSIBLY POWDER KEG LIDS. AFTER LUNCH
WE WENT TO 700 AND USED A COME-ALONG
TO TIGHTEN UP THE TROLLEY CABLE OVER
1220 PILLAR. WENT BACK UP TO 180 AND
SHOWED FRED KIRK AND JOHN UNDER THE
GRAVITY TRAM, OLD SHAFT, PIERCE SHAFT
AND 240 LEVEL.

14 FEB 91 180 - 340

820 X-CUT ON 180 LEVEL GOES
THRU THE MUD ZONE. PART OF IT
IS SUPPORTED BY STEEL SETS. ONE
OF THE SETS COLLAPSED ABOUT
1972. A LARGE ROCK CAME DOWN
THRU THE SET. TODAY I DUG A
HOLE THRU CLAY MATERIAL UNDER
THE ROCK. LOOKING THRU THE HOLE
THREE GOOD SETS CAN BE SEEN.
THEN THERE IS ANOTHER COLLAPSED
SET. WILL DO MORE DIGGING SOMEDAY.
CHECKED OUT THE EAST VEIN DRIFT

ON 340 SOUTH OF THE MARSHALL
SHAFT WITH A BLACKLITE. FOUND
TWO AREAS OF BARITE. NOT REAL
GOOD STUFF BUT BLASTING MIGHT
REVEAL SOMETHING BETTER.

CLIMBED UP THE MARSHALL SHAFT
ABOVE 340. AT ABOUT 250' THE
SHAFT NARROWS AND IS BLOCKED
BY A HUGE BOULDER. ABOUT 40'
NORTH IS A RAISE. MOST OF THE
WATER COMING DOWN THE SHAFT TO
340 COMES OUT OF THAT RAISE.

15 FEB 91 ADIT - 700

THE BLASTER FINALLY GOT HIS
INSURANCE CERTIFICATE. LOADED AND
FIRED A DRIFT ROUND IN THE NEW
EAST TUNNEL. BROKE GOOD. FIRED
STRIP HOLES IN BOTH ENDS OF 1250
STOPE ON 700 LEVEL. LAST PAID AT
68'.

16 FEB 91 700 LEVEL

MET THE BLASTER AT 3 PM.
WE FIRED STRIP HOLES IN
1010 STOPE, 1120 X-CUT, AND THE
EAST VEIN DRIFT.

17 FEB 91 ADIT

DRILLED A NINE FOOT ROUND IN
THE NEW EAST TUNNEL. THE FACE
IS NOW 84' FROM THE STARTING POINT.
GOT \$160 FOR DRIFT WORK.

18 FEB 91 ADIT - 430 - 500

FIRED THE DRIFT ROUND. BROKE
GOOD. REFIRED ONE HOLE. FIRED
STRIP HOLES ON 430 AND 500 LEVELS.
STEVE MUCKED OUT THE DRIFT. RON
TIBBETTS REPAIRED A BROKEN
HYDRAULIC HOSE ON THE EIMCO. SET
UP THE "53" TO DRILL THE NEXT DRIFT
ROUND. BOB SENT UP RHODONITE FROM
700 LEVEL.

19 FEB 91 ADIT

DRILLED ANOTHER NINE FOOT ROUND IN THE NEW EAST TUNNEL. AN OLD MINER CAME BY AND DESCRIBED HOW HE BUILT THE CONCRETE RETAINING WALL ABOVE 180 LEVEL. THIS WAS ABOUT 1945. HE SAID THE WALL IS ABOVE THREE FEET THICK. THEY PUT A SAND CUSHION ON TOP OF IT. WHEN THE EAST VEIN H/W WAS STRIPPED IN THE LOWER YARD THE MUCK WAS DUMPED IN THE HOLE. HIS NAME IS MIKE SMITH FROM OGDENSBURG.

20 FEB 91 ADIT - 700

FIRED A DRIFT ROUND. BROKE GOOD, STEVE MUCKED OUT. FIRED STRIP HOLES ON 700 LEVEL IN 1120 X-CUT AND THE EAST VEIN. SET UP THE DRILL IN THE NEW EAST TUNNEL AND DRILLED FIVE HOLES ON THE NEXT ROUND.