

1 JAN 90 HAPPY NEW YEAR

WORK DONE BETWEEN 14 OCT 89 AND  
11 NOV 89.

RON TIBBETTS CARRIED A BATTERY  
DOWN TO 1020 STAGE AND GOT THE  
LHD STARTED. IT IDLED OK BUT  
WOULD NOT RUN AT FULL SPEED. RON  
FIXED THE MURPHY SWITCH. WE TRIED  
DIGGING THRU THE FILL BUT THE CEMENT  
WAS TOO HARD.

WHEN AL CHUPA GOT HIS COMPRESSOR  
HOOKED UP TO THE SHAFT AIR PIPE WE  
TRIED USING 53'S TO BREAK THE  
CEMENT. DID NOT HAVE ENOUGH AIR  
PRESSURE TO DRILL. FOUND A BIG AIR  
LEAK ON 180 LEVEL AND SHUT OFF THE  
VALVE TO THAT PIPE. DISCOVERED BIG  
BUBBLES COMING UP THE SHAFT. TOOK  
OUT AN 8" PIPE SECTION BELOW  
1200 LEVEL AND CAPPED THE SHAFT

AIR PIPE. DRILLS NOW WORKED OK.  
HOWEVER, THE FILL TURNED OUT TO  
BE SO HARD THAT WE GAVE UP ON  
DIGGING DOWN TO THE TUNNEL ON  
1200 AND CHANGED OUR PLAN. WE  
DECIDED TO CONCENTRATE OUR EFFORTS  
ON THE MANWAY TUBE. TORE OUT THE  
TOP TWO SECTIONS OF MANWAY TUBE.  
ROB HAUCK CLEANED MINING GEAR OUT  
OF 1020 E. STOPE.

RON TIBBETS AND ME CLEARED OUT  
THE LOWEST PART OF 1380 PILLAR  
EXCEPT FOR A SLUSHER AND BUCKET.

LATER, WITH THE HELP OF ROB HAUCK  
AND CHARLIE PUZIO, WE CARRIED ALL  
SMALL STUFF UP TO 1200 AND ~~WE~~ USED  
A COME-ALONG TO DRAG THE SLUSHER  
ON THE MIDDLE LEVEL TO THE BOTTOM  
OF THE FOOTWALL MANWAY RAISE. TIED  
A PIECE OF  $\frac{1}{2}$ " WIRE ROPE TO THE  
SLUSHER SO WE COULD DRAG IT UP  
THE RAISE WHEN THE LHD CAME OUT

... GIVE 1200 LEVEL A LAST

OF 1020 STOPE. THE SLUSHER WAS UNDER WATER BY THE TIME I GOT IT OUT. REFER BACK TO 11 NOV 89 FOR THE CONTINUATION OF THIS PROCESS.

2 JAN 90 1200 LEVEL

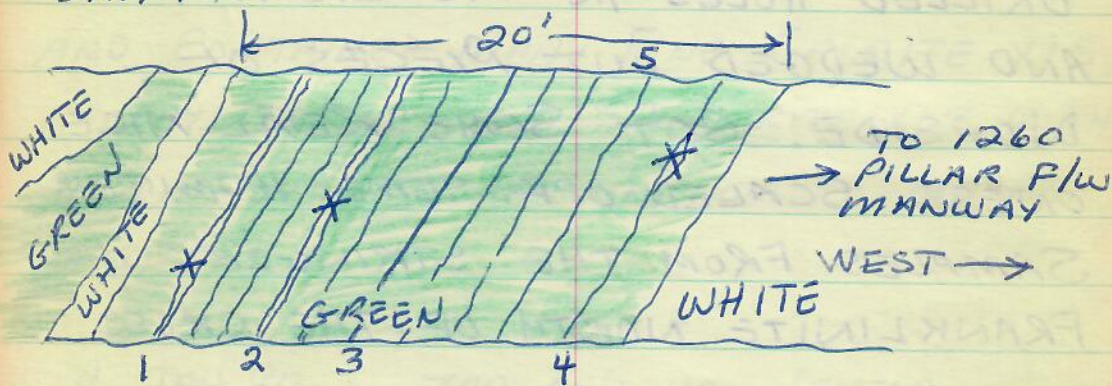
USED WEDGE PINS TO GET MORE SPECIMENS FROM 1200 X-CUT. DICK, ELNA, AND RHEA HAUCK CAME TO 1200 LEVEL AND I GAVE THEM THE GRAND TOUR. MOVED DRILL, HOSES, STEELS, PINS ETC. TO THE 1300 PILLAR H/W MANWAY. WILL BE TAKING THEM UP TO 1100 LEVEL THRU 1300 PILLAR. BOB HAUCK GOT THE LHD RAMP UP TO 1100 YESTERDAY AND BROUGHT THE BUCKET DOWN TODAY.

3 JAN 90 1200 LEVEL

CARRIED TOOLS AND STEELS UP INTO 1300 PILLAR. SCALED LOOSE ROCK IN 1300 PILLAR H/W RAISE AND GOT TWO APATITE XLS. GAVE 1200 LEVEL A LAST

GOING OVER WITH A SCALING BAR.  
PICKED UP THREE STRAY SCRAPS FROM  
1200 X-CUT. ETCHED ONE OUT WITH ACID  
AND IT TURNED OUT TO BE A NICE  
SPHALERITE XLS <sup>FROM # 1 # 526</sup> PIECE. WENT UP TO  
1100 AND PUT THE BUCKET ON THE LHD.

VIEW OF 1200 X-CUT SOUTH RIB AT  
INTERSECTION WITH BLACK ORE H/W  
DRIFT.



GREEN ROCK LINED WITH NARROW PEGMATITES  
PARALLEL TO FOLIATION. #1 SOLIDLY FILLED  
WITH CALCITE. ACID ETCHING REVEALED MANY  
NICE SPHALERITE XLS. #2 WAS  $\frac{1}{2}$  INCH WIDE  
BUT OPENED UP TO ABOUT  $1\frac{1}{2}$  INCH POCKET  
WHICH CONTAINED MANY NICE FLUORITE

OCTAHEDRONS TO  $\frac{1}{2}$  INCH, PINK IN COLOR.  
ALSO CALCITE XLS. POCKET WALLS AND  
CRYSTALS COATED WITH APOPHYLLITE XLS.  
ALSO PRODUCED A FEW NICE SPHALERITES.  
# 3 IS A SHEAR FILLED WITH  $\frac{1}{2}$  INCHES  
OF FINE GRAIN EPIDOTE. # 4 PRODUCED  
A CALCITE FILLED POCKET LINED WITH  
ACTINOLITE XLS. # 5 HAD A LARGE  
POCKET AT THE NORTH RIB IN THE BACK  
OF THE X-CUT. POCKET WAS 3" X 15"  
AND CONTAINED MANY FINE CALCITE XLS,  
APOPHYLLITE XLS, AND SPHALERITE XLS WITH  
MINOR FLUORITE AND UNKNOWN - MAYBE  
BARITE.

4 JAN 90 700 AND 1100 LEVELS  
DISMANTLED THE CRAVO ON 700 LEVEL  
AND SENT IT UP TO THE ADIT. WENT  
TO 1100 AND DID SOME HOUSEKEEPING ON  
STATION. LOADED A MOTOR CHASSIS AND  
SENT IT UP TO THE ADIT. AL'S COMPRESSOR  
QUIT SO WE WALKED UP. CHECKED OUT

1200 LEVEL. WATER IS ONE FOOT BELOW  
THE LEVEL IN THE OLD SHAFT AREA.

PICKED UP ONE LAST PIECE FROM 1200 X-CUT.

ROUGH CALCITE XLS COATED WITH APOPHYLITE.

LEFT A FEW PIECES AS AN OFFERING TO THE  
GODS.

5 JAN 90 1100 LEVEL

CARRIED LAST TOOLS UP INTO 1300  
PILLAR. COVERED H/W MANWAY PIPE  
AND SCALED LOOSE ON HANGING WALL.

SENT AN ORE CAR, FLAT CAR, AND  
STATION CHARGER UP TO THE ADIT. USED  
LHD TO DRAG 3 ORE CARS OUT TO  
THE STATION. BROUGHT OUT THE OLD  
HOIST FROM THE TIMBER SLIDE AND  
SENT IT UP TO THE ADIT. RODE UP.

6 JAN 90 1100 LEVEL

WALKED DOWN TO 1100, SLOWLY, CHECKING VARIOUS LEVELS. FOUND 2 ROCKER DUMP CARS, 3 SIDE DUMP CARS, AND ONE UNUSUAL END DUMP CAR ON 800 LEVEL, SOUTH OF 935 STOPE. SAW A POSSIBLE POCKET IN GNEISS IN 740 X-CUT, 800 LEVEL. WORKED ON THE MAGNUSSONITE FIND IN 1020 STOPE AND WEDGED OFF SOME NICE PIECES. CHECKED OUT 1200 LEVEL AND FOUND WATER ONE INCH BELOW THE LEVEL AT THE OLD SHAFT ORE PASS.

7 JAN 90 500 LEVEL

TOOK A SHOVEL TO 700 X-CUT AND DUG A DRAINAGE DITCH TO GET RID OF WATER IN THE X-CUT AND THE EAST VEIN DRIFT. LOWERED THE WATER ABOUT SIX INCHES AND RON AND I WERE ABLE TO GET INTO THE EAST VEIN AND EXPLORE TO THE SOUTH END. SOMEDAY I HOPE TO GET THE WATER LOW ENOUGH TO CHECK OUT

THE BOTTOM OF THE MARSHALL SHAFT.  
SAW MANY WONDROUS SIGHTS IN THE  
KEEL AREA INCLUDING AN ANTIQUE OIL  
CAN, TEN POUND RAILS, AND LARGE  
GRAINS OF FRANKLINITE AND PYROXENE.

8 JAN 90 1100 LEVEL

PUT FIVE GALLONS OF FUEL IN THE LHD  
AND USED IT TO MOVE TWO ROCKER DUMPS  
TO THE LUNCH ROOM AREA. THEY WILL BE  
LOADED WITH GEAR FROM 1190 STOPE. DROVE  
DOWN THE EAST VEIN AND OVER TO THE  
WEST VEIN WHERE I DUG UP FILL TO PUT  
IN THE BULKHEAD DOOR SOUTH OF THE  
SHAFT STATION. PULLED TWO CAMEL-BACK  
CARS OUT OF THE F/W DRIFT, DUMPED  
THEIR CONTENTS, AND PUSHED THEM OUT TO  
THE STATION. WENT BACK TO 1220 X-CUT,  
DUMPED THE CONTENTS OF A ROCKER DUMP,  
AND PULLED IT OUT TO THE EAST VEIN.  
STARTED DIGGING MUD OUT OF THE DRIFT  
TO THE FILL RAISE. THE FILL IN 1240 STOPE



SUBSIDED YESTERDAY, LEAVING A LARGE VOID ALONG THE H/W. THAT'S WHERE THE MUD IS GOING. HELPED BOB HAUCK SEND A ROCKER DUMP AND MOST OF A CAMEL-BACK UP TO THE ADIT. HAD TO TAKE THE DOORS OFF THE CAMEL-BACK TO PUT IT IN THE CAGE. WALKED DOWN TO 1200 AND SAW WATER IN THE X-CUT UNDER 1020 STOPE. CARRIED A PAIL OF MAGNUSSONITE UP ON THE CAGE. THE WATER IS ONE LADDER RUNG BELOW THE SHAFT STATION.

9 JAN 90 1100 LEVEL

WALKED DOWN TO 1100, STOPPING ON 600 TO EXPLORE. FOUND TWO CARD 3-TON CARS UNDER 1020 PILLAR CHUTE. ON 1100 FINISHED DIGGING OUT THE DRIFT SOUTH OF 1220 X-CUT.

10 JAN 90 1100 LEVEL

PULLED TWO CAMEL-BACK CARS OUT OF THE DRIFT SOUTH OF 1220 X-CUT. PUSHED TWO ROCKER DUMPS OUT TO THE STATION. HELPED BOB HAUCK DISMANTLE A 3-BOOM JUMBO IN 1190 STOPE AND TOOK MOST OF IT OUT TO THE STATION. TRIED TO GET THE THIRD CAMEL-BACK OUT OF THE ROCK RAISE DRIFT, SOUTH OF 1220 X-CUT, BUT IT IS FIRMLY STUCK IN MUD. I WAS AFRAID TO DRIVE THE LHD OVER THE SUBMERGED BRIDGE TO TRY BREAKING IT LOOSE. NOTICED THAT THE FILL ALONG THE H/W OF 1280 STOPE HAS SUBSIDED.

11 JAN 90 1100 LEVEL

USED THE LHD TO CARRY THE REST OF THE JUMBO-DRILL OUT TO THE STATION. PUSHED A ROCKER DUMP AND TWO CAMEL-BACKS OUT TO THE STATION. THE LHD SHREDDED ITS ALTERNATOR BELT AND RAN OUT OF FUEL AT THE SAME TIME.

CHECKED THE WATER ON 1200 LEVEL. IT IS ONE FOOT DEEP UNDER 1020 STOPE.

12 JAN 90 1100 LEVEL

SENT THREE ROCKER DUMPS, ONE CAMEL-BACK AND ONE FLATCAR UP TO THE ADIT. SENT ALL THE JUMBO PARTS UP TO 340 LEVEL.

13 JAN 90 1100 LEVEL

NO HOIST TODAY. WALKED DOWN TO 1100 AND DUG OUT PART OF THE MUCKPILE IN 1020 STOPE. WAS LOOKING FOR SPECIMENS IN THE F/W ZINCITE BAND. NADA. EXPLORED 900 LEVEL ON THE WAY UP. FOUND SEVEN ROCKER DUMPS.

14 JAN 90 1100 LEVEL

SENT A CAMEL-BACK CAR AND TWO SETS OF CAR DOORS UP TO THE ADIT. SENT THREE LOADS OF SMALL STUFF

TO 340 LEVEL. HAD A PROBLEM WITH THE LHD. TOOK A LONG TIME TO GET THE FUEL SYSTEM PRIMED. HAD TO SEND THE BATTERY UP TO BE CHARGED. GOT LHD STARTED AT 3 P.M. TOOK OFF THE BUCKET AND SENT IT UP TO THE ADIT. LUCILLE TIBBETTS AND ELWA HAUCK CAME DOWN TO 1100 TODAY AND GOT THE GRAND TOUR.

15 JAN 90 1100 LEVEL

RODE DOWN TO 1100 WITH BOB WINTERS, AL BLISS AND JOE KAISER. SET THE CAGE ON A BEAM BELOW 1100 LEVEL. CHANGED CABLE OVER TO THE LHD CARRIER. LOADED THE LHD ON THE CARRIER AND SENT IT UP THE SHAFT. THE HOIST PULLED IT UP ABOUT 80' AND AL WOULD HAVE TO WAIT FOR THE COMPRESSOR TO RECHARGE THE RESERVOIR. SHOWED THE CREW AROUND 1100 AND WE COLLECTED IN 780 PILLAR AND

1190 STOPE. AL SENT THE CARRIER  
BACK DOWN AND WE SWITCHED OVER  
TO THE CAGE AND RODE UP. SURE WAS  
GREAT TO SEE THE LHD IN THE ADIT  
BUT I'LL MISS IT UNDERGROUND. GOT  
\$555 MINERAL DIVIDEND.

17 JAN 90 1100 LEVEL

WENT TO 1100 WITH DICK & ELNA HAUCK.  
WE COLLECTED FRIEDELITE IN 780 PILLAR  
AND ERYTHRITE IN 1300 PILLAR. I WENT  
TO 740 PILLAR, THREW A PIPE OVER  
THE F/W RAISE, EXPLORED THE PILLAR  
AND GOT A PHOSPHORESCENT WILLEMITE.

18 JAN 90 ADIT

WORKED FOR FLASH FRAME PRODUCTIONS  
ON A ROCK VIDEO. GOT A \$300 MINERAL  
DIVIDEND.

19 JAN 90 ADIT

BROUGHT DRILLS, STEELS, HOSES, ETC. UP FROM 180 LEVEL. SET UP IN THE CAP MAGAZINE AND DRILLED MOST OF A DRIFT ROUND.

21 JAN 90 ADIT AND 500 LEVEL

FINISHED THE DRIFT ROUND IN THE CAP MAGAZINE. WENT TO 500 LEVEL AND GOT AN AIR SLUSHER AND BUCKET OUT OF 1100 PILLAR. WE PLAN TO USE THIS SLUSHER ON 430 LEVEL TO GET THE LHD OUT OF 935 STOPE.

22 JAN 90 1100 LEVEL

WENT TO 1020 STOPE TO PICK UP MY TOOLS. WOUND UP SCALING LOOSE ALL DAY. FOUND A VEIN OF FLUORESCENT SPHALERITE IN THE NORTH END. FOUND SECONDARY FRANKLINITE XLS ON A BRECCIATED SLIP NEAR THE H/W IN THE CENTRAL AREA OF THE STOPE. THE WATER IS ABOUT TWO FEET

BELOW THE TOP OF THE X-CUT ON 1200.

23 JAN 90 1100 LEVEL

SCALED LOOSE IN 1020 STOPE AND GOT MORE FRANKLINITE XLS. FOUND AN OLD RAISE GOING DOWN INTO A CROWN PILLAR NORTH OF 1120 CHUTE. TRIED TO GET INTO THE RAISE BUT WILL NEED AN AXE. SCALED LOOSE IN 1300 PILLAR TO NO AVAIL. CARRIED A DRILL FROM 1300 PILLAR UP TO 1100 LEVEL.

24 JAN 90 500 LEVEL

THE VIDEO CREW WORKED AGAIN TODAY, TAPING THE BAND. AL DID NOT COME IN SO I WALKED DOWN TO 500 AND WORKED ON IMPROVING DRAINAGE IN THE MARSHALL SHAFT AREA. THERE APPEARS TO BE A LEVEL OFF THE MARSHALL SHAFT ABOUT 80' ABOVE 500 LEVEL. GETTING UP THERE WILL BE A PROBLEM.

25 JAN 90 - 1100 LEVEL

SCALED LOOSE IN 1300 PILLAR TO NO AVAIL. WORKED ON CARRYING DRILLING GEAR UP TO 1100 LEVEL. WHILE WORKING IN 1300 PILLAR I HEARD FILL MOVING IN 1320 STOPE. ALONG WITH THE RUMBLE OF ROCKS THERE WAS A STRANGE SWISHING SOUND. LATER, WHILE SCALING LOOSE IN THE OLD SHAFT AREA, I HEARD A HEAVY BANG, LIKE A LARGE ROCK BURST. AL CHUPA HEARD IT IN THE ADIT AND SENT DICK HAUCK DOWN TO CHECK ON ME.

26 JAN 90 800-1100

OVERNIGHT A BIG BANG WAS HEARD BY PEOPLE LIVING NEAR THE MINE. THEY THOUGHT IT WAS AN EARTHQUAKE OR BLASTING IN THE MINE. ME, BOB H., DICK H. AND GARY VAN HOUTEN WENT DOWN TO 800 LEVEL AND EXAMINED EACH LEVEL FOR SIGNS OF A BIG ROCK BURST OR OTHER PROBLEM.



NOTHING WAS FOUND EXCEPT THAT THE WATER, NOW ABOUT SIX FEET DEEP ON 1200 LEVEL, SHOWED SIGNS OF A SURGE, AS IF A ONE FOOT WAVE HAD PASSED THRU IT. WE WENT UP TO 340 LEVEL, GOT TWO CHAIN HOISTS. HUNG ONE ON 430 AND ONE ON 500 AND SENT THE AIR SLUSHER AND ACCESORIES FROM 500 TO 430. BLASTERS FROM RAMAC WERE HERE TODAY TO CHECK OUT THE DRIFT ROUND. THEY PLAN ON SHOOTING IT NEXT WEDNESDAY.

27 JAN 90 340-430-500

WALKED DOWN TO 430 WITH CHET LEWANSKI AND RICH LUZZI. MAKING TWO TRIPS, WE MOVED THE AIR SLUSHER AND ACCESSORIES TO THE 935 STOPE AREA. BOB HAUCK CAME DOWN AND HELPED ON THE SECOND TRIP. CHET WENT UP WHILE BOB, RICH AND I WENT TO 500 TO EXAMINE THE

MARSHALL SHAFT AREA. RON TIBBETTS  
CAME DOWN AND MET US THERE. WE  
WALKED UP TO 340, TOOK A FLATCAR  
AND CABLE COME-ALONG TO THE OLD  
SHAFT TIMBER SLIDE AREA AND GOT  
THE SLIDE HOIST. WE HAD TO DISMANTLE  
AND REPAIR THE COME-ALONG. PUSHED  
THE HOIST LADEN CAR OUT TO THE  
STATION WITH MUCH DIFFICULTY.

28 JAN 90 430 LEVEL

SET UP AIR AND WATER PIPES FOR  
THE SLUSHER. REMOVED EXCESS PIPES  
FROM STEPS GOING UP TO 935 STOPE.  
RECOVERED SOME USEFUL ITEMS FROM  
THE DROP-DOWN IN 1020 TOP-SLICE  
PILLAR.

29 JAN 90 430 LEVEL

SET SLUSHER ON ITS SKIDS AND  
DROVE IT TO THE NORTH END OF 935  
STOPE. PROPPED IT IN PLACE AND TORE

DOWN THE FENCE FOR THE FIRST  
STEP. STARTED SLUSHING. FILL IS  
VERY HARD AND WILL NOT MOVE  
EASILY. GOT A \$300 MINERAL DIVIDEND,  
DICK TOLD ME THE SOME ONE AT THE  
O. F. D. SAID THEY HEARD A BANG IN  
BRANCHVILLE THURSDAY NIGHT. SO THE  
TREMOR FELT ON BRIDGE STREET MIGHT  
HAVE BEEN PART OF SOMETHING MORE  
WIDE-SPREAD THAN JUST THE MINE H/W  
CRACKING.

30 JAN 90 1100 LEVEL

DID MORE WORK ON CARRYING DRILLING  
GEAR OUT OF 1300 PILLAR. WENT INTO 1020  
STOPE TO CHECK THE WATER. IT IS AT THE  
TOP OF THE X-CUT UNDER 1020. GOT TWO MORE  
FRANKLINITE MICRO XL PIECES. SCALED  
LOOSE IN 740 PILLAR. NO KEEPERS.  
WORKED ON THE FRIEDELITE VEIN IN 780  
PILLAR. WEDGED OFF A BIG CHUNK OF  
ROCK WHICH FREED UP MANY BIG CHUNKS

OF FRIEDELITE. MOSTLY MASSIVE WITH A FEW SMALL XTAL POCKETS. THE FILL AT THE H/W OF 780 PILLAR IS MOVING AGAIN AFTER ABOUT SIX WEEKS OF STABILITY. CRACKS IN THE PILLAR SEEM TO BE OPENING UP SLIGHTLY. LOOKED AT THE H/W END OF 1360 TRANSVERSE STOPE. THE FILL HAS DROPPED SO FAR THAT I COULD SEE WATER, 100 FEET BELOW.

31 JAN 90 430 LEVEL

TORE DOWN THE FILL FENCES AT THE NORTH END OF 935 STOPE. BROKE UP SOME OF THE CEMENTED FILL WITH A PAVEMENT BREAKER.

1 FEB 90 430 LEVEL

SLUSHED FILL AND BROKE CEMENT WITH A PAVEMENT BREAKER. RAMP FOR EIMCO ALMOST DONE.

2 FEB 90 430 - 1100 LEVELS

FINISHED THE RAMP TO GET THE EIMCO OUT OF 935 STOPE. WENT TO 1100 LEVEL AND BROUGHT THE EIMCO CARRIER UP TO 430 LEVEL.

3 FEB 90 430 - 700 LEVELS

SCALED LOOSE IN 1100 PILLAR ON 500 LEVEL. FOUND LOTS OF FLUORITE AND GARNET IN THE BLACK ORE. WENT TO THE MARSHALL SHAFT ON 500 AND BY DRIVING IN 8" NAILS FOR HANDHOLDS GOT UP ABOUT HALF WAY. WENT TO 1250 STOPE BELOW 700 LEVEL AND GOT A STARTER FOR THE EIMCO IN 935 STOPE.

4 FEB 90 430 - 500 LEVELS

SCALED LOOSE IN 1100 PILLAR ON 500 LEVEL AND SET ASIDE A NICE PILE OF FLUORITE. WENT TO 1020 PILLAR ON 430 LEVEL AND SCALED DOWN SOME RHODONITE. RON TIBBETTS GOT THE

EIMCO RUNNING IN 935 STOPE AND I DROVE IT DOWN THE RAMP TO 430 LEVEL.

6 FEB 90 500-700 LEVELS

PACKED THREE PAILS OF FLUORITE IN 1100 PILLAR AND CARRIED ONE OUT TO THE STATION. WENT TO 700 LEVEL AND CHECKED OUT THE RAISE GOING DOWN TO 1250 STOPE. IT WILL NEED TO BE STRIPPED TO MAKE IT BIG ENOUGH FOR THE EIMCO. SCALED LOOSE ALONG THE H/W AT THE SOUTH END OF 1250 STOPE. FOUND A POCKET THAT RESEMBLES THE GREENOCKITE POCKET IN 1680 STOPE, 1400 LEVEL.

7 FEB 90 700 LEVEL

PICKED UP TWO GAD BARS ON 430 AND TOOK THEM TO 700 LEVEL. USED THEM TO SCALE DOWN LARGE LOOSE SLABS IN 1250 STOPE. MEDIOCRE SPECIMENS.

8 FEB 90 1100 LEVEL

CARRIED MORE DRILLING GEAR UP FROM 1300 PILLAR. SCALED LOOSE IN 1020 STOPE. WORKED ABOUT THREE HOURS GETTING DOWN SOME LARGE SLABS. GOT ONE FRANKLINITE XL SPECIMEN. THE WATER IS ABOUT FIVE FEET BELOW THE FILL IN 1020 STOPE. WORKED ON FRIEDELITE VEIN IN 780 PILLAR. GOT MANY CRYSTALLIZED PIECES. FILL AT H/W OF PILLAR SHOWS MORE SUBSIDENCE. TRIED STARTING EIMCO ON 430 LEVEL. HAD TO TAKE THE BATTERY TO THE ADIT TO BE CHARGED.

9 FEB 90 1100 LEVEL

SET UP AND DRILLED TWO STRIP HOLES IN 1190 STOPE NORTH CHUTE. CHISELLED MORE FRIEDELITE OFF THE RIB IN 780 PILLAR.

10 FEB 90 1100 LEVEL

SALVAGED SIX 2" PIPE PATCHES FROM OLD AIR PIPES. SCROUNGED WATER PIPES AND FITTINGS ON 1100 LEVEL AND SET UP A WATER SYSTEM IN THE OLD SHAFT AREA. A DIAMOND DRILL HOLE IN 1220X-CUT IS THE WATER SOURCE. USING THE STRIP HOLES I DRILLED YESTERDAY RESULTED IN DISLODGING ABOUT FIVE TONS OF NICE FLUORESCENT ORE.

11 FEB 90 1100 LEVEL

WENT DOWN INTO THE CROWN PILLAR NORTH OF 1020 STOPE. IT IS IN THE EAST BRANCH OF THE WEST VEIN. FOUND SOME PIECES OF LOOSE ON THE H/W WHICH CONTAIN RHODONITE AND GAHNITE. WASHED OFF DRIFT WALLS IN THE OLD SHAFT AREA. MY CAP LAMP WENT DEAD SO I CAME UP AT 1:00 A.M.



12 FEB 90 1100 LEVEL 19 700 05

REPAIRED TWO BAD LEAKS IN AIR LINE ON 1000 LEVEL. WATER FROM THE DIAMOND DRILL HOLE IN 1220 X-CUT ON 1100 LEVEL IS FEEDING UP TO 1000 LEVEL THRU THE PIPE IN 1190 RAISE. CHECKED OUT WATER LINE ON 1000. IT IS ALL OK AND THE WATER IS FEEDING INTO THE MAIN SHAFT WATER LINE. SET UP ON 1100 LEVEL AND DRILLED THREE MORE STRIP HOLES IN 1190 NORTH CHUTE. EXTENDED THE WATER SYSTEM TO THE OLD SHAFT. SCALED DOWN SOME BIG SLABS IN 1020 STOPE. THIS IS THE AREA WHERE I GOT SOME NICE RECRYSTALLIZE FRANKLINITES. THIS TIME THERE WERE OPEN VEINS BUT NO XTALS. WATER IS TWO FEET BELOW THE FILL.