

14 DEC 87 BILL WELKER TOLD ME
THAT THE WORK OF DISMANTLING THE
MINE WAS DOWN TO REMOVING THE
HOIST FOR # 142 CAGES. THE PUMPS
WERE OFF BUT COULD STILL BE
TURNED BACK ON. LAST TUESDAY THE
COMPANY HAD OFFERED THE MINE TO THE
STATE. REMOVAL OF THE HOIST WAS
DELAYED WHILE THE STATE DECIDED
IF THEY WANTED IT. THE WORK CREW
WAS DRILLING AND BLASTING AROUND
HOLES IN THE OPEN CUT TO SEAL
THEM.

8 MAY 88

THE WORK ON SEALING THE MINE AND STRIPPING THE BUILDINGS IS ALL DONE. THE TOWN NOW OWNS THE SURFACE RIGHTS. THE COMPANY STILL HOLDS THE MINERAL RIGHTS? "BK" GOT A KEY FROM THE MAYOR AND WE EXPLORED THE OPEN CUT AND THE MINE OFFICE. FOUND A "53", STEELS, BARS, HOSES AND TOOLS IN THE NOBLE PIT. (LEFT THERE BY WORKERS SEALING THE MINE) TOOK IT HOME. GOT TWO PIECES OF SECONDARY MANGANESE OXIDES. GOT SOME MAPS AND TRINKETS FROM THE MINE OFFICE.

14 MAY 88

EXPLORED CHANGE HOUSE, SHOP, MILL AND PICKING BELT. GOT BOOTS, HARD HAT, BELTS AND GLOVES. GOT MANUALS AND PARTS LISTS FOR DRILLS. GOT ASSORTED FITTINGS. EXPLORED OPEN CUT. GOT SOME FELDSPAR XLS? FROM HANGING WALL OF W. VEIN OR EAST BRANCH. OVER →

"BK" FOUND WOLLASTONITE IN SAME AREA. THE WORKERS WHO SEALED THE MINE FIRED TWO STRIPS HERE TO FILL A HOLE. THE STRIPS EXPOSED THE FELDSPAR? AND WOLLASTONITE.

14 AUG 88

"BK" AND STEVE SANFORD OPENED THE ADIT INTO THE "GLORY HOLE" GRIZZLY. "BK" STOPPED BY AND TOOK ME THERE. I BROUGHT TWO FLASH-LIGHTS AND A SCALING BAR. WE WALKED TO THE GRIZZLY (300'-500') AND CHECKED OUT THE FILL RAISE. IT SEEMS TO BE FULL ABOUT 50' DOWN. WE SCALED SOME CHIPS OF A GREEN SILICATE OFF THE WALL. IT FLORESCED A BLUE-WHITE. PROBABLY DIOPSIDE. THE AIR IN THE ADIT AND IN A LOW SPOT IN THE OPEN PIT WAS DELIGHTFULLY COOL.

16 JUN 89

DICK HAUCK NOW OWNS THE MINE AND IS WORKING ON CONVERTING THE BUILDINGS INTO A MINING MUSEUM. TWO OF HIS FRIENDS GOT A COMPRESSOR. I TOOK MY "53" TO THE MINE AND WE DRILLED A HOLE THRU THE 3' CONCRETE WALL INTO THE ADIT. SIX HOURS TO GET THRU THE CONCRETE AND STEEL. ONE HOUR TO GET THRU THE WOOD FORM INSIDE. LOOKED AROUND THE ADIT. CAP LAMP CHARGER IS GONE, OVER HEAD CRANE IN PLACE. MANY TOOLS LAYING AROUND.

1 JULY 89 BERNIE AND ME WALKED DOWN THE LADDERS TO FIND THE WATER LEVEL. FOUND IT AT ABOUT 1350'. WALKED BACK UP, SLOWLY, CHECKING OUT LEVELS AND WORKING PLACES. THE WATER IS CAUSING FILL TO SUBSIDE IN SOME OLD STOPES. THE FILL IN

THE HANGING WALL END OF 1400
TRANSVERSE STOPE HAS DROPPED
ABOUT 50'. THERE ARE 3 LHD'S
IN STOPES. 1200 STOPE, ABOVE
800 LEVEL (WAS IN THE PROCESS OF
FILLING - NO ORE BROKEN). 1020
STOPE, ABOVE 1200 LEVEL (SOUTH END
SHOT AND MUCKED OUT - NORTH END
SHOT AND MUCK STILL THERE),
935 STOPE, BELOW 340 LEVEL (IN
THE PROCESS OF DRILLING - NO ORE
BROKEN). THE POWDER MAGAZINE
ON 1000 LEVEL LOOKS LIKE THOSE
WHO CLOSED THE MINE SET OFF A
LARGE AMOUNT OF EXPLOSIVES IN
IT. THE CEMENT DOOR FRAME IS
TORN OFF, THE RABBIT BOX AND
BRIDGE OVER THE FILL RAISE IS
BENT AND TWISTED, AND THE DRIFT
IS LITTERED WITH EXPLODED NONEL
CAPS FOR 50'. THE WOOD PALLETS
ON THE MAGAZINE FLOOR WERE OK
BUT THE ROLLER CONVEYOR WAS
BLASTED TO BITS. NUMEROUS TIMBER

CONSTRUCTIONS THAT WE BUILT IN THE PAST TEN YEARS HAVE ROTTED OUT AND COLLAPSED. IN SOME FILL HAD RUN IN AND IN OTHERS THE CEMENT WAS STILL HANGING UP THERE.

14 OCT 89 WATER LEVEL NOW AT THE BACK OF 1300 STATION. REMOVED CLAMPS FROM ELECTRIC CABLES UP TO THE FIRST REST PLATFORM ABOVE 1300. CHECKED OUT 780 PILLAR AND 800 STOPE ON 1100 LEVEL. THE FILL IN 800 STOPE AND 780 PILLAR ITSELF BOTH SEEM TO BE SUBSIDING. THIS MOVEMENT OPENED UP A CRACK WHICH ENABLED ME TO GET A NICE SPECIMEN OF GYPSUM.

FOR ACTIVITY BETWEEN 14 OCT AND 11 NOV SEE FIRST PAGE ON NEXT JOURNAL.

11 NOV 89 1200 LEVEL

TORE DOWN THE FILL FENCE
AROUND THE BOTTOM OF THE
1020 STOPE MANWAY ON 1200 LEVEL.
USED A REAMER BIT TO DRILL OUT
CEMENTED FILL AROUND MANWAY
PIPE. SHOULD BE ABLE TO REMOVE
MANWAY PIPE TOMORROW. SCALED
LOOSE IN 1020. FOUND A VEIN OF
MAGNUSSONITE (?), RUBY ZINCITE
AND UNKNOWN #7. SAW THAT
THE FILL IN THE OLD 1520
TRANSVERSE STOPE IS SUBSIDING.
WATER IS ABOUT 50' BELOW 1200,

12 NOV 89 1200 LEVEL

RIPPED, TORE, DUG AND YANKED
THREE MANWAY PIPES OUT AND
STRIPPED FILL AROUND PART OF THE
HOLE. SHOULD BE ABLE TO REMOVE
LHD NEXT WEEKEND. CARRIED UP
MORE MAGNUSSONITE (?).

18 NOV 89 1200 LEVEL

STRIPPED FILL IN MOST OF 1020
STOPE SOUTH MANWAY. CARRIED UP
MORE MAGNUSSONITE.

19 NOV 89 1200 LEVEL

FINISHED STRIPPING FILL IN 1020
STOPE SOUTH MANWAY TO BETTER
THAN 4' X 4'. STARTED EIMCO AND
DROVE DOWN THE HOLE. THE BUCKET
JAMMED IN A NARROW SPOT HALF
WAY DOWN. HAD TO WORK THE
BUCKET UP AND DOWN TO GET
THRU. USED THE EIMCO TO TOW
TWO ROCKER DUMPS TO 1020 STOPE
AND LOADED DRILLS, STEELS, ETC AND
HAULED THE STUFF OUT TO THE
STATION.

21 NOV 89 1200 LEVEL

WALKED DOWN TO 500 WITH EARL VER-
BEECK AND STEVE SANFORD. THEY
STAYED THERE TO DO GEOLOGY AND I
WENT DOWN TO 1200. MADE A MINOR

REPAIR ON THE EIMCO. (HYDROSTATIC DRIVE CONTROL LINKAGE) MOVED THE TWO ORE CARS LOADED WITH GEAR FROM 1020 STOPE OUT ONTO THE STATION. TRIED TO CROSS THE NORTH BULKHEAD DOOR BUT ONE OF THE PLANKS BROKE. WILL HAVE TO FIND A BETTER WAY. WALKED BACK UP TO 500, TIMING IT PERFECTLY TO MEET EARL AND STEVE ON THEIR WAY OUT. WHILE ON 1200 I NOTICED THAT 1520 TRANSVERSE STOPE FILL HAS SUBSIDED A LOT MORE.

24-25-26 NOV 89 1200 LEVEL

BUILT A GOOD BRIDGE OVER THE NORTH BULKHEAD AND DUMPED THREE BUCKETS OF MUCK INTO THE HOLE. PULLED THE SLUSHER AND BUCKET OUT OF 1380 PILLAR. PULLED THE SLUSHER AND BUCKET OUT OF 1300 PILLAR. RECOVERED FOUR ROCKER DUMP CARS FROM THE SAGGING TRACKS IN 1520 STOPE. OPENED THE 1570 E. CHUTE AND CLEANED THE MUCK OUT OF IT. WORKED ALONE

ON FRIDAY, SATURDAY AND SUNDAY
I HAD THE ABLE ASSISTANCE OF
CHARLIE PUZIO, BOB WINTERS, PAT
RODAWSKI, RON TIBBETS AND ROB
HAUCK. WATER IS ABOUT 35' BELOW
1200.

NOV 30 - DEC 2 & 3. 1200 LEVEL
MOVED ALL TOOLS AND STUFF OUT
OF 1570E STAIR INCLUDING SLUSHER
AND BUCKET.

5 DEC 89 1200 LEVEL
OPENED 1300 PILLAR CHUTE. AFTER 5
CARS CAME OUT THE CRIB HUNG UP.
HOOKED UP ONE OF MY DIAMOND DRILL
HOLES TO THE WATER PIPE TO GET
WATER TO RUN DOWN THE CRIB.

6 DEC 89 180 - 340 - 430 LEVELS
WENT TO 340 AND 430 STATIONS TO
LOAD AL CHUPA'S SHAFT CAR WITH
STUFF HE NEEDS FOR THE NEW HOIST.
SCALED LOTS OF LOOSE IN 1020X-LUT

BUT FOUND NO SPECIMENS. EXPLORED THE EAST VEIN PART OF 180 AND 240 LEVELS. WALKED TO THE NORTH END OF 240 LEVEL. FOLLOWED THE FOOTWALL UP TO THE TOP OF THE MINED OUT STOPE. THE STOPE MOVES NORTH AS IT GOES UP THEREFORE LEAVING A LOT OF THE VEIN IN PLACE. FOUND A PLACE AT THE TOP WHERE A ROUND OF HOLES HAD NOT BEEN SHOT. FIVE ROWS, EACH 3 HOLES ACROSS. HOLES WERE LARGE, ABOUT 2 INCHES. WALKED CAREFULLY ACROSS THE TOP OF THE STOPE. SAW A DRIFT GOING INTO THE FOOTWALL BUT SIX FEET OF SMOOTH ROCK PREVENTED ME FROM GETTING TO IT.

8 DEC 89 1200 LEVEL

TOOK APART THE SHAFT WATER PIPE ON 1200 LEVEL AND CAPPED IT SO NO WATER GOES BELOW 1200. HOOKED UP A STRING OF WATER HOSES TO GET WATER TO 1300 PILLAR CRIB. REPLACED A LEAKY WATER PIPE NEAR 1020 STOPE.

STOPPED BY 800 STOPE AND 780
PILLAR ON 1100 LEVEL. DISCOVERED
THAT THE H/W BRIDGE OVER 800
STOPE HAD DISSAPPEARED. ALSO ALL
THE LOOSE PIECES OF 780 PILLAR
FROM THE H/W TO THE GYPSUM
LOCATION HAD VANISHED. FILL FROM
760 STOPE HAD RUN OUT ACROSS 780
PILLAR INTO 800 STOPE. THERE IS
STILL SOME NICE GYPSUM IN 780 PILLAR
BUT GETTING IT WILL BE RISKY.

9 DEC 89 1200 LEVEL

FOUND THAT 1300 PILLAR CRIB WAS
STILL HUNG UP. CLEANED OUT ALL
SMALL STUFF AND CARRIED IT DOWN
THE H/W MANWAY. AS I WAS
TAKING THE LAST PIECE DOWN I
HEARD THE MUCK RUN DOWN IN
THE CRIB. STOPPED AT 780 PILLAR ON
1100 LEVEL AND GOT THE LAST OF THE
GOOD GYPSUM. BERNIE K. CAME DOWN
AND TOOK A LOT OF PICTURES.

10 DEC 89 1200 LEVEL

USED THE LHD TO MOVE MUCK
OUT OF 1300 CHUTE. RON TIBBETTS,
BOB WINTERS, PAT RODAMSKI, AND
CHARLIE PUZIO GOT THE SLUSHER
AND BUCKET READY AND WE GOT
THEM OUT OF THE PILLAR, WITH THE
USUAL HANG-UPS. BOB SNEEZ CAME
DOWN AND LOOKED AROUND. CARRIED
UP MORE 780 PILLAR GYPSUM.

11 DEC 89 ADIT

DRILLED PIN HOLES TO HANG HOIST
EXHAUST PIPE AND FOR STEEL
RACKS. METSGER CAME BY TO SHOW
OFFICIALS FROM P. S. E. & G. AROUND.

12 DEC 89 180 - 500 LEVELS

COLLECTED A LOT OF PIPE HANGERS,
4" PIPE, VICTAULICS, "L" PINS, ETC.
AND LOADED IT ALL ON THE SHAFT
CART. EXPLORED 240 LEVEL AGAIN,
LOOKING FOR A WAY UP TO THE NORTH
END OF 180 LEVEL. CLIMBED TO THE

TOP OF THE LARGE "L" SHAPED
PILLAR SHOWN IN THE FRANKLIN
FURNACE FOLIO BUT IT WAS A DEAD
END. WENT TO 500 LEVEL WITH BOB
HAUCK TO LOOK FOR PLACES THAT
P. S. E. & G. COULD CONDUCT AIR
PRESSURE TESTS. WE STOPPED AT 340
ON THE WAY UP AND EXPLORED THE
OLD STOPE IN THE SAFETY EXIT AREA.
BOB CLIMBED UP THE FOOTWALL AND
CHECKED OUT AN OPENING TO THE
SOUTH AT THE TOP OF THE STOPE. HE
FOUND TWO NEAT OLD STEELS THAT
DATED FROM THE 1890'S.

14 DEC 89 1200 LEVEL
SET UP A "53" (JACKLEG DRILL) IN
1200 X-CUT AND DRILLED HOLES TO
GET SOME OF THE MINERALS THAT
OCCUR THERE. HEULANDITE, ACTINOLITE,
FLUORITE, SPHALERITE, ETC. IT WAS
TYPICAL OF A DAY WORKING IN THE
MINE. FOR EXAMPLE IT TOOK TWO HOURS
TO GET WATER THRU THE WATER NEEDLE.

15 DEC 89 1200 LEVEL

WENT DOWN THRU THE SHAFT, WIRING 4 WIRES AT EACH TELEPHONE JUNCTION BOX, FOR A SIGNAL SYSTEM FOR THE TELEPHONE. USED WEDGE PINS TO GET SOME SAMPLES FROM 1200 X-CUT. TURNED OUT TO BE JUNK. EXPLORED 1000 LEVEL ON THE WAY BACK UP. NOTED TWO SIDE DUMP CARS AND AN END DUMP IN THE EAST VEIN DRIFT NORTH OF THE OLD SAFETY EXIT.

16 DEC 89 1200 LEVEL

AL CHUPA RAN THE EIMCO CAR TO THE END OF THE NEW $3/4$ " HOIST ROPE. I WENT DOWN THE MAIN SHAFT AND DISCOVERED THAT THE END OF THE ROPE WAS ABOUT 20' BELOW 1100 LEVEL. HOOKED UP THE TELEPHONE ON 1200 LEVEL. WORKS GOOD. DRILLED MORE HOLES IN 1200 X-CUT AND USED WEDGE PINS TO BREAK OFF MORE SPECIMENS. ONE OF THE SEAMS

OPENED UP TO ABOUT TWO INCHES
WIDE AND CONTAINED CALCITE XLS,
HEULANDITE XLS AND FLUORITE XLS.
I'VE BEEN WAITING FOR TEN YEARS
FOR THE OPPORTUNITY TO WORK ON
THESE SEAMS AND POCKETS. GOT
MANY NICE SAMPLES.

17 DEC 89 500 LEVEL
EXPLORED UPPER LEVELS. GOT A
FRANKLINITE XL FROM 1015 STOPE,
180 LEVEL AND A SLAB OF ZINCITE
IN CALCITE FROM 935 RAISE BELOW
180 LEVEL.

18 DEC 89 EARL VEERBEICK CALLED
TO SAY THAT MAGNUSSONITE FROM
1020 STOPE IS CONFIRMED BY X-RAY.

19 DEC 89 1200 LEVEL
MOVED ORE CARS AND OTHER STUFF ONTO
SHAFT STATION. FIXED A LEAK IN THE
WATER PIPE. DRILLED SOME HOLES IN
1200 X-CUT. CARRIED UP SOME SPECIMENS

FROM THAT AREA. GAVE 900 LEVEL A GOOD GOING OVER. CHUPA IS MODIFYING HIS CAGE SO WE CAN START HOISTING THE STUFF ON 1200 LEVEL.

21 DEC 89 1200 LEVEL

CARRIED THE NEW MSA MINE PHONE TO 1200 LEVEL AND HOOKED IT UP. WORKED GOOD. DRILLED MORE HOLES IN 1200 X-CUT AND WEDGED OUT SOME NICE PIECES. AL TRIED SENDING DOWN THE CAGE AT 3:30 PM. A X SHAFT PLANK WAS DOWN ON 340 STATION AND CAUSED A CRASH.

22 DEC 89 1200 LEVEL

AL SENT THE CAGE DOWN AND IT ARRIVED IN GOOD ORDER. SENT UP 12 JACK-LEGS ON THE FIRST TRIP. SENT UP SIX MORE LOADS AND RODE UP ON THE LAST TRIP. BOB HAUCK IS UNLOADING THE STUFF ON 180 LEVEL. CARRIED UP TWO PAILS OF SPECIMENS FROM 1200 X-CUT.

23 DEC 89 1200 LEVEL

RON TIBBETTS AND I RODE THE CAGE DOWN TO 1200 LEVEL. SENT UP FOUR LOADS BY NOON, THE LAST LOAD BEING A SLUSHER. THE HOIST OPERATOR HAD TO LEAVE AT NOON. WORKED ON 1200 X-CUT FOR A FEW HOURS.

24 DEC 89 1200 LEVEL

SENT UP THREE FLATCARS, THREE SLUSHERS, AND A LOAD OF ROCK BOLTS, SPECIMENS, AND ME.

25 DEC 89 MERRY X-MAS

26 DEC 89 1200 LEVEL

WENT TO 1200 BUT AL CHUPA DID NOT SHOW UP SO I WORKED ON THE SPECIMENS IN 1200 X-CUT. CARRIED UP A FEW NICE PIECES. NEED AIR TO DRILL MORE HOLES. CARRIED A HACKSAW UP TO 1100 LEVEL AND CUT A SUPPORT CLAMP OFF THE SHAFT AIR PIPE (8"). I NEED THE CLAMP TO STOP A LEAK IN THE

AIR PIPE ABOVE 1000 LEVEL.

28 DEC 89 1200 LEVEL

SENT UP FOUR LOADS OF SLUSHER
BUCKET PARTS, STEELS, AND ROOFBOLTS
AND 3.5 ROCKER DUMP CARS. BOB
SENT ME A CHAIN HOIST WHICH MADE
CAR LOADING EASY. SHOWED EARL
VERBECK THE MAGNUSSONITE LOCATION IN
1000 STONE AND PICKED UP A FEW
STRAY PIECES. RODE UP TO 180 ON THE
CAGE AND CARRIED A BUCKET OF 1200 X-CUT
STUFF UP TO THE ADIT.

29 DEC 89 1200 LEVEL

WALKED DOWN SHAFT LADDER AND
PUT PIPE CLAMP ON LEAK IN SHAFT
AIR PIPE. SENT UP 2.5 ORE CARS
AND ONE MOTOR CHASSIS. LOADED
BATTERY CHARGER ON LAST CAGE AND
RODE UP WITH IT. BROUGHT TWO PAILS
OF SPECIMENS FROM 1200 X-CUT UP TO
180 LEVEL.

30 DEC 89 1200 LEVEL

SENT UP 4 LOADS. SENT UP THE FIRST AID BOX, PICNIC TABLE, BATTERY CHARGER FRAME, POWDER BOX, SECOND MOTOR CHASSIS, LHD SPARE TIRE AND VARIOUS SMALL STUFF. THE ONLY ITEM LEFT ON 1200 IS THE LHD. USED THE LHD TO GET SOME BOULDERS OF RED ORE FROM 1300 PILLAR AND SENT THEM UP TOO. WENT TO THE MINE PARTY IN THE EVENING.

31 DEC 89 1200 LEVEL WATER IS 7' BELOW LEVEL

SENT UP A LOAD OF GRATES FROM THE SAFETY EXIT, AN AIR CYLINDER AND SOME ORE BOULDERS FROM 1300 PILLAR. TOOK THE BUCKET OFF THE LHD AND SENT THAT UP. BOB HAUCK, PAT RODAMSKI, CHET LEMANSKI, BERNIE K. AND BOB SVECZ SWITCHED THE CAGE AND LHD CARRIER ON 340 LEVEL AND SENT THE CARRIER DOWN WITH THE RAMP. WE LOADED THE LHD AND PULLED IT UP TO 1100. WE HAD TO LEAVE THE RAMP ON 1200 AND AL CHUPA HAD TO JACK UP THE OUTPUT OF HIS COMPRESSOR. DRILLED SOME HOLES IN 1200 X-CUT.