WORTSBORO LEAD
MINE
A25U

7530-00-274-5494
FEDERAL SUPPLY SERVICE
(GPO)

568960

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-
AL SOUTH END LOWER ROAD (b) (6) [redacted]
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KERRON BARNES
120 ORCHARD ST
WALDON, NY 12586-1708

SEPT 22, 2015 TUESDAY

@ 1205 – ON-SITE
- AC/DA, JR
- MET W/ CROSBY, THOMPSON (BECKER), GRONSWALD, ARCADIS (KATHRYN FARRIS), BENNETT

1230 – 1700 – TOURED THE SITE
- INSPECTION STARTED AT THE UPPER MINES
- 3 TAILINGS PILES EXIST, 1 LARGE 2 SMALLER.
- SEVERAL MINE OPENINGS ARE STILL OPEN AND WILL NEED TO BE SECURED/SEALED.
- TERRAIN IS VERY STEEP/ROADS NARROW-WINDY

1600 – JR/DH DEPARTED

1800 – GEN. COMMENTS
- ROADS WILL NEED TO BE ENHANCED/REPAIRED.
- WEATHER MAY LIMIT OPERATIONS
- ADDITIONAL SAMPLING IS NEEDED.
- WILL NEED TO SEAL/SECURE MINE OPENINGS.
- HEAVY SEDIMENTATION IN D&H CANAL CONTAINING HIGH LEAD CONC.

SEPT. 23, 2015 WEDNESDAY

0730 - ON-SITE

- MET W/ KRONSWALD / CROSBY AT HOTEL PRIOR TO DISCUSS ESTIMATES.

- INSPECTED & MEASURED MILL AREA.
  - 240' X 200'
  - WETLANDS / WATER ON ALL SIDES EXCEPT UPHILL (SE SIDE OF AREA)

- ALSO INSPECTED AN OPEN AREA NORTH OF MILL AREA. AREA OWNED BY LOCAL CONSERVATORY. EVIDENCE OF FIREARMS USE.

1315 - DEPARTED SITE. STOPPED AT LOCAL QUARRY TO DETERMINE IF SCALE IS CERTIFIED.
E. TETZ & SONS 692-4486
- CLOSED AT TIME OF VISIT.

GEN. COMMENTS
- NEED TO DESIGN SAMPLING STRATEGY FOR MILL AREA. FIXED LAB / XRF
- INSPECTION OF TOPOGRAPHY EAST OF UPPER RAIL REVEALED, WITH CLEARING, A STAGING AREA COULD BE CREATED.
- TREATMENT OF DRAINAGE WATER
- TREE CLEARING PERMISSION
* - WHAT INSURANCE IS NEEDED FOR SUBS.

9/30/2015
0730 - KICK OFF MEETING W/ RST BENTON
- DISCUSSED SCHEDULE / SAMPLING

9/30/2015 WEDNESDAY
1430 - 1530 - KICK OFF CALL W/ ERRS
- DISCUSSED SCHEDULE / SCOPE / REVIEW PPT FILE & MAPS.

OCTOBER 14, 2015 WEDNESDAY

0630 - DEPARTED OFFICE, D. HALLAY

0835 - ARRIVED ON-SITE, MET WESTON

0900 - MET W/ DEC REPS, ER (T. CONLEY)

0940 - TOURED MILL AREA
- DISCUSSED CANAL MITIGATION
- MILLING'S SAMPLING
- DRAINAGE, TREE CLEARING.

1100 - RETURNED TO UPPER ROAD

1130 - DROVE TO MINE LOCATIONS ON THE MTN

1315 - RETURNED TO MAIN RAIL LINE ROAD
- WALKED CABLE LINE TO MILL FROM MTN TOP.

1330 - ALL PERSONNEL OFF-SITE.

OCTOBER 27 2015 TUESDAY

0745 - ON-SITE 30°F

0805 - T. CONLEY ON-SITE
- OBJ:
: MET ER MINING PROFESSIONAL
: MET DEC / FORESTRY
: INSPECT UPPER & LOWER TAILINGS AREAS.

0830 - BICKSLER, DAVIS, HANTMAN ON-SITE

0840 - NYSDEC ON-SITE
- SEE DAILY SIGN-IN FOR VISITORS.
- DIVISION OF MINERAL RESOURCES (R3)

0900 - 0945 - INSPECTED MILL AREA FOR ROADOR ISSUES
- CANAL VERY HIGH

1015 - 1230 - INSPECTED UPPER MINES AND ACCESS
RETURNED TO LOWER AREA (MILL) TO MEET WITH FORESTRY, DISCUSSED TREE CLEARING. NYSDEC WILL CLEAR ROAD. EPA CAN REMOVE WHAT IT NEEDS TO. (JEFF / MATT)

1230 - 1430 - LAYED OUT PLAN FOR NEXT WEEK'S WORK
- BICKSLER, DAVIS, HANTMAN OFF-SITE

1515 - 1730 - WALKED TRAILS FROM UPPER TAILINGS TO UPPER ROAD.

OCTOBER 28, 2015 WEDNESDAY

0645 - ON-SITE RAIN

- OBJ:

: MEASURE PRIMARY & SECONDARY ACCESS ROADS.

: GO OVER SCHEDULE / OPS

: INSPECT LOWER ROAD NORTHWARD

: INSPECT UPPER/LOWER ROAD END POINT (SOUTHEND)

1030 - OFF-SITE.

NOVEMBER 03, 2015 TUESDAY

0745 - ON-SITE, FOGGY 38°F

- OBJ:

: MEET ER RM & INSPECT DRAINAGE POINTS ALONG LOWER ROAD.

0900 - BR ON-SITE

- SPENT ENTIRE MORNING EVALUATING MILL AREA. IDENTIFIED POTENTIAL TREATMENT SYSTEM LOCATIONS SOUTH SIDE. SPOKE W/ BIRON.

- GPS'D ACCESS ROADS (LOWER / ALTERNATIVE)

- SPENT MOST OF AFTERNOON EVALUATING LOWER ACCESS ROAD WORK.

1600 - EQUIPMENT BEGAN ARRIVING.

1630 - OFF-SITE

- HI VIS COMING THURSDAY.

- DIVISION OF MINERAL RESOURCES.

NOVEMBER 04, 2015 WEDNESDAY.

0625 - ON-SITE

- OBJ:

: REPAIRS TO LOWER ROAD, SILT FENCE INSTALLATION, CLEARING SMALL TREES.

0725 - CREW ON-SITE.

0900 - BEGAN FENCE INSTALLATION, DRAINAGE MODIFICATIONS.

0920 - RM OFF-SITE TO HO

1030 - BEGAN SOIL EXCAVATION

1130 - INSTALLED TRENCH ALONG EASTERN LIMITS OF FIELD

1200-1300 - LUNCH

1300-1500 - INSTALLED FENCE POSTS FOR SECURITY FENCE

1500-1540 - SAND ALONG SILT FENCE

GENERAL NOTES:

: CREATED SHALLOW CULVERT FOR HAUL WATER TO FOLLOW

: STOCKPILED APPROX. 120 CYS

: LEVELED AREA FOR DESILTING / CONTAINMENT AREA SETUP.

- EXISTING MINE ROAD 2718 FEET TO YELLOW GATE

- ALTERNATE ROAD 1962 FEET TO STAGING AREA ALOT UPPER RAIL ROAD.

NOVEMBER 5, 2015 THURSDAY

0620 - ON-SITE 57°F

- OBJ:

: CLEAR SMALL VEGETATION TO CANAL ACCESS.

: REPAIRING ROAD (LOWER)

: DRAINAGE MANAGEMENT

0705 - CREW ON-SITE

0748 - " BACK TO MILL AREA.

- WORKING ON ~~SHOR~~ SILT FENCE ALONG SOUTH LIMITS.

0830 - NICK REPAIRING ROAD W/EXCAVATOR.

1030 - 1140 - TECHS CLEARING TREES

1250 - 1250 - LUNCH

1315 - TECHS FINISHING SILT FENCE WORK, SHOULD DONE UNTIL 1345.

1430 - 1600 - GRUBBING ALONG ROAD

- OP CLEARING ACCESS ROAD.

1600 - CREW OFF-SITE

- TECHS TO DEMOBE IN THE MORNING.

NOVEMBER 6, 2015 FRIDAY

0610 - ON-SITE 60°F

- OBJ:

: PLACING STONE ON LOWER ACCESS ROAD.

: DETERMINING READINESS FOR SEDIMENT EXCAVATION NEXT WEEK.

0700 - CREW ON-SITE (RM/DP)

0730 - GRADING LOWER ROAD

1000 - PLACED CAUTION TAPE ALONG POSITIONS OF FENCE POSTS

1030 - PILE COVERED

1100 - AL OFF-SITE

- GOING TO CAR WASH

- TRUCK LOST POWER STEERING

NOVEMBER 9, 2015 MONDAY

0720 – ON-SITE 30°F

– OBJ:

: GRADE LOWER ROAD

: CLEAR TREES ON LOWER ROAD

: PREPARE TO SET CURTAIN ON 11/10/15.

: INSTALL TESTPITS.

0745 – HAY BALE CO. ON-SITE.

0800 – RM ON-SITE.

0820 – " OFF-SITE

0822 – RST (MIKE) ON-SITE.

0900 – OP/TECH ON-SITE

0915 – RST (PETE) ON-SITE

1030 – ALL PERSONNEL IN MILL AREA

1100 – CREW GOING FOR HAY BALES

1145 – HAY BALES DROPPED OFF & PLACED AROUND PILE.

1315 – CREW BACK FROM LUNCH.

– TECHS INSTALLING HI VIS

– OP INSTALLING TESTPITS

1600 – ALL PERSONNEL OFF-SITE

– 20 TESTPITS COMPLETED

– FENCE DONE

NOVEMBER 10, 2015 TUESDAY

0630 – ON-SITE

– OBJ:

: CLEARING TREES ALONG LOWER ROAD

: INSTALLING TURBIDITY CURTAIN

: TESTPITTING.

0700 – ALL PERSONNEL ON-SITE

0730 – " " IN MILL AREA

0745 – RM/TECH OFF-SITE TO GET BOAT.

– TEST PIT WORK UNDERWAY.

0900-1000 – PREPARING FOR CURTAIN INSTALLATION

– NYSDEC ON-SITE

0930-1000 – CB REPAIRING ROAD W/STONE

1000-1130 – 2 TECHS INSTALLING CURTAIN/SILT FENCE

1140 – CREW DEPARTED AREA FOR LUNCH

1315 – CREW AT MILL AREA

– CLEANING EXCAVATOR TRACKS

1400 – BEGAN CANAL REMEDIATION

1600 – OPS COMPLETED AT CANAL/MILL AREA

1630 – BOAT BEING RETURNED

– 15 YDS REMOVED FROM CANAL

NOVEMBER 11, 2015 WEDNESDAY

0630 - ON-SITE HVY RAIN
- OBJ:
: REMOVE CURTAIN
: PLACE STONE ALONG CANAL
: REPAIR LOWER ROAD
: CLEAN TREES
: COLLECT SOIL SAMPLES.

0633 - CALLED RM, MAY HAVE TO POSTPONE SITE OPS DUE TO RAIN SITUATION.

0645 - RM ON-SITE, DRIVING LOWER ROAD TO SEE IF PASSABLE. ROAD WET BUT PASSABLE.

0700 - RM PERSONNEL ON-SITE
0730 - PERSONNEL IN MIN AREA
0745 - ER TRYING TO FIX FUEL TRANS PUMP
0800 - LOADER MOVED OVER OR MIN AREA FOR FUELING
0900 - TECH TO GET FUEL
0830 - ROAD REPAIR UNDERWAY
- WESTON SAMPLING.
830 - 1030 - PIPE INSTALLATION
1030 - 1200 - REPAIRING CANAL FOOT PATH, PULLING UP CURTAIN
- CLEAN UP
1200 - 1300 - REMOVING STONE FROM FOOT PATH, TOO SOFT.
1300 - 1400 - LUNCH
1400 - 1430 - EXC. INSTALLING NEW STONE, FOOT PATH
1400 - 1700 LOADER REPAIRING RUTS IN ROAD
1430 - 1700 EXC REPAIRING ROAD.

NOVEMBER 12, 2015 THURSDAY.

0618 - ON-SITE
- OBJ:
: REPAIR SOFT SPOTS IN ROAD,
: SETTLE UPPER MINE PILES / WATER
: SECURE SITE

0700 - PERSONNEL ON-SITE
- RST/EPA TO MTN TOP

1200 - RST OFF-SITE.
1300 - TECH DEMOBED. FUELED EQUIPMENT.
- LUNCH BREAK.

1630 - ALL DAY SPENT REPAIRING ROAD, SECURING SITE. DRAIN PIPE INSTALLED W/IN FOOT PATH TO AID WITH DRAINAGE OF TRAPPED WATER ALONG BERM.
- OPS COMPLETED FOR THE DAY

NOVEMBER 13, 2015 FRIDAY
OSC - DEMOBING
- ER COMPLETING ROAD REPAIRS, OPENING DRAINAGE DITCHES, DECONING EQUIPMENT.

1100 - OPS OFF-SITE
- RM REMAINING TO WRAP UP DECON, RE-FUEL ETC.

NOVEMBER 30, 2015

0715 – ON-SITE
– WESTON PRESENT, 21°F

0730 – DROVE LOWER ROAD TO MET WESTON
– REPAIRED AREA CONTAINS LARGE PONDED WATER AREA.
– CALLED RM, WILL HAVE HIM COME OUT TO MAKE REPAIR RECOMMENDATIONS.

0800 – DECIDED TO PLACE LOGS ALONG UPHILL SIDE AND COVERED IT WITH PLYWOOD.

1500 – BRIDGE COMPLETED. WESTON MARKING OUT SAMPLE LOCATIONS.

1630 – ALL PERSONNEL OFF-SITE
– WALKED LOWER ACCESS ROAD WITH RM.
– SEVERAL PROBLEM AREAS IDENTIFIED. MARKED OUT POTENTIAL PULLOFF AREAS
– 2 WILL NEED TO BE COMPLETED. ABOUT 4 <12" TREES, 12 <6" TREES/BRUSH WILL NEED CLEARING.

DECEMBER 01, 2015 TUESDAY

0655 – ON-SITE
– RAIN 35°F.

OBJ:
: WETLANDS SAMPLING.

0800 – WESTON ON-SITE
0830 – ER RM ON-SITE

1030 – ER RM OFF-SITE

1200 – WESTON SAMPLING CONTINUES.
1500 – NUMEROUS GRID POINTS COMPLETED.
– XRF SCREENING SHOWS UPPER HORIZONS ARE ELEVATED AND GRAY CLAY AT THE BASE APPEARS CLEANER.
1600 – SAMPLING DONE FOR THE DAY
1630 – CREW AT GATE

DECEMBER 02, 2015 WEDNESDAY

0655 – ON-SITE
0700 – WESTON ON-SITE.
OBJ=
: CONTINUE SAMPLING.

1200 – ER RM ON-SITE
1445 – ER " OFF-SITE

1645 – CREW OUT
– 25 LOCATIONS COMPLETED.

DECEMBER 3, 2015 THURSDAY

0630 – ON-SITE
- XRF'ING YESTERDAYS SAMPLES (PM)

OBJ:
: CONTINUE SAMPLING.

0

0700 – WESTON ON-SITE
0730 – RM ON-SITE.
0750 – " OFF-SITE (TIRE MR)
0900 – M. BICKSLER ON-SITE)
1030 – COMPLETED INSPECTION OF WATER TREATMENT LOCATIONS.
1030 – INSPECTED CANAL. ALONGING TO LOCAL HUNTER, COUNTY BROKE BEAVER DAMS. WATER LEVEL DROPPED 2+/- FEET, EXPOSING ANOTHER PENINSULA OF SEDIMENT.
1040 – CALLED NYSDEC. WILL FENCE OFF AS TEMP. MEASURE.

1230 – M. BICKSLER OFF-SITE

1645 – CREW COMPLETED SAMPLING / CLEANUP:
- CANAL FENCED OFF
- SITE SECURED.

DECEMBER 4, 2015 FRIDAY

- EPA DEMOBE
- WESTON SAMPLING

DECEMBER 7, 2015 MONDAY

0720 – ON-SITE
- OBJ:
: CONTINUE SAMPLING.

0815 – WESTON ON-SITE
1030 – COMPLETED XRF OF THURSDAY'S SAMPLES.
- DROVE ACCESS ROAD
: SOME SPOTS SOFT DUE TO WATER, FREEZE-THAW AND TRAFFIC.
1100 – MADE REPAIRS & DROPPED OFF SAMPLES.
1130 – 1545
- WITH SAMPLING CREW, XRFING SAMPLES

1635 – ALL OFF-SITE

DECEMBER 08, 2015 TUESDAY

0640 – ON-SITE
- OBJ:
: CONTINUE SAMPLING OPS.

0700 – CREW ON-SITE
0730 – " AT MILL

1600 – SPENT ALL DAY ASSISTING WESTON WITH SAMPLING.
- XRF'D SAMPLES. SOIL CONDITIONS CHANGING TO MORE BROWN SILTY CLAYEY SAND. NO GRAY CLAY TO 3'.

1650 – OFF-SITE

DECEMBER 9, 2015 WEDNESDAY

0635 – ON-SITE 31°F

OBJ:

: CONTINUE SAMPLING.

0700 – CREW ON-SITE.

0730 – " IN THE WETLANDS

1600 – ALL DAY SPENT WITH SAMPLING CREW.

DECEMBER 10, 2015 THURSDAY

0615 – ON-SITE 42°F

OBJ:

: CONTINUE SAMPLING.

0800 – GEZ BUSHKA ON-SITE

1000 – AC OFF-SITE

– COLLECTED WATER SAMPLES FROM WETLANDS, DRAINAGE DITCHES AND ADIT. FILTERED/UNFILTERED.

1040 – CHECKED OUT OF HOTEL. DROVE TO EDISON FOR MEETING AT 1PM.

G. BUSHKA TO DELIVER WATER/FILP SAMPLES TO DESA LAB.

DECEMBER 14, 2015 MONDAY

0700 – ON-SITE 48°F

OBJ:

: CONTINUE WETLANDS SAMPLING.

0800 – WESTON ON-SITE.

0930 – MET WITH MATT PAUL.

– DISCUSSED AND WALKED LOWER ROAD AND SMELTER. WILL NEED BRIDGE.

1200 – WALKED ALTERNATE ROAD, DISCUSSED EXISTING MINE ROAD EXPANSION.

1330 – SUMMARY MEETING.

1400 – MATT PAUL OFF-SITE.

1415 – 1530 – XRF'ED SOIL SAMPLES.

1540 – 1610 – BRIEFED KEITH G. ON DAYS ACTIVITIES, M. PAUL MTG.

1630 – MET W/WESTON PROJECT MANAGER.

– PRELIMINARY ESTIMATES INDICATE LESS THAN 25 LOCATIONS REMAIN FOR TUESDAY.

– CURRENT PLAN – FINISH SAMPLING ON 12/15 AND PACK UP ON 12/16.

DECEMBER 15, 2015 TUESDAY

0625 - ON-SITE 48°F

- OBJ:

: FINISH SOIL SAMPLING

: MEET W/ ER RM TO DISCUSS CHANGES TO PREVIOUS LOWER ROAD WORKPLANS.

0700 - WESTON ON-SITE

0730 - ER ON-SITE

0930 - ER OFF-SITE

- WALKED LOWER ROAD DISCUSSED WORKPLANS.

1100 - AT TRUCK

GENERAL:

: WESTON COMPLETED WETLANDS SAMPLING ACTIVITIES.

: G. BUSHRA WILL BE ON-SITE 12/16 TO COMPLETE XRF SCREENING AND MEETING ER DURING TREATABILITY WATER SAMPLING.

: ALL PERSONNEL TO BE OFF-SITE ON 12/16/15.

FEBRUARY 18, 2016 THURSDAY

0615 - EDISON

0800 - ON-SITE, M. SPRENGER

OBJ:

: INSPECT WETLANDS

: MEET NYSDEC / USFWS

1000 - MET ALL OTHER PARTIES

SIGN IN SHEET CIRCULATED.

PRESENT : MYSELF

: M. SPRENGER EPA-ERT

: ANNE SECORD USFWS

: AMY ROE USFWS

: JENN DAWSON (FISH, WILDLIFE)

: BRIAN DRUMM

: MATT PAUL (DEC - LANDS / FOREST)

: KEITH GRONWALL (DEC - REMEDIATION)

1045 - 1300 - TOURED SITE

- DISCUSSED RESULTS, PLANNED BIO WORK, REMEDIATION ACTIVITIES / APPROACH, ECO RECEPTORS.

1300 - OFF-SITE

FEB 25, 2016 THURSDAY

TELECON W/ STEVE FERRERA 412 637-3759

: RE HISTORICAL PRESERVATION ASPECTS

- FORWARDED PPT PRESENTATION / SITE MAPS PHOTOS

MARCH 9, 2016 WEDNESDAY

0630 - DEPARTED OFFICE W/ D. HARKAY

0815 - ON-SITE

0845 - UNLOADED ATV

- OBJ:

: INSPECT UPPER MINE MATERIAL

: MEASURE MINE OPENINGS

: COLLECT WATER SAMPLES BENEATH OMA

UPPER MINE OPENINGS MEASURE A NOMINAL SIZE OF 6'x6'. FINAL OPENING DIMENSIONS WILL DEPEND ON THE AMOUNT OF ROCK DEBRIS REMOVED ALONG THE BOTTOM.

DROVE THE ALTERNATE ROAD. READILY PASSABLE WITH THE ATV

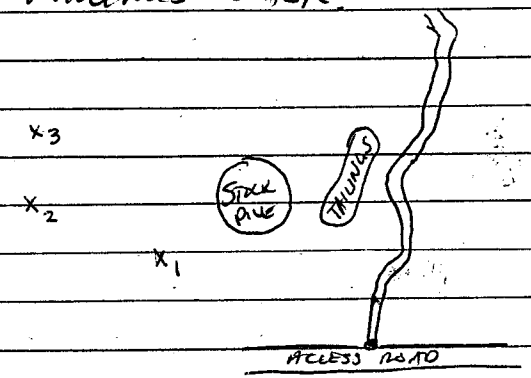
MINING MATERIAL ~~AA~~ SIZE VARIES BY LOCATION. THE LARGEST WASTE ROCK IS AT PILE 1, MUCH SMALLER AT PILE 3. 6" SKELETON BUCKET MIGHT WORK BEST.

1045 - RELOCATED TRUCK / TRAILER TO GRAVEL PIT AREA.

1100 - DROVE ATV ON LOWER ROAD TO THE OMA

- RM (T. CONLEY) ON-SITE

- COLLECTED WATER SAMPLES OF WATER ENTERING SHALLOW HAND DUG HOLES WITHIN MINING WASTE.



OMA-W1 H_2O @ 6"

OMA-W2 H_2O @ 1.0'

OMA-W3 H_2O @ 2.0'

1200 DEPARTED SITE

1430 - SAMPLES DELIVERED TO LAB.

MARCH 21, 2016 MONDAY

0600 - DEPARTED ORANGE

0745 - ON-SITE MIKE / BEN (WESTON)

0820 - AT MTN. TOP

- ACCESS ROAD PASSABLE W/ GOV

OBJ:

: DELINEATE ALONG PILES 1, 2, 3

: SCREEN TAILINGS FOR LEAD.

SCREENING: ALL PILES SCREENED THROUGHOUT THE TAILINGS PILE, ALONG THE PERIMETER AND PIECES >6" IN WIDTH

~~AREA~~ PILE 1 (N, S, W & TRAM LOADING AREA)

: GENERALLY, HIGH ZN & Pb FOUND ALMOST EVERYWHERE. ON LOWER (WEST) END OF PILE LEVELS AS HIGH AS 73,000 ppm pb & 173,000 ppm ZN.

: LEVELS FURTHER TO THE EAST (UP THE PILE), ON BOTH SIDES, AS HIGH AS 583,000 ppm pb AND 738,000 ppm ZN. A LOT OF NATIVE ROCK HAVE VEINS IN IT.

- OVERALL, MOST READINGS IN THE 2,000 - 5000 ppm RANGE Pb.

- FINES/SOIL ALONG ACCESS PATH, RANGE FROM 500 - 7300 ppm pb.

- A LOT OF GALENA ON GROUND SURFACE THROUGHOUT.

- ROCK OUTCROPS BEYOND THE TAILINGS AREA ARE SIGN. LESS. DOWN GRADIENT STILL HIGH

- 2,500 ppm pb IN ROCK ALONG MINE ENTRANCE

PILE 2

- SIMILAR LEVELS AS PILE 1. TAILINGS ALONG THE PERIMETER STILL SHOWING HIGH LEVELS.

- NATIVE ROCK OUTCROPS SHOWING HIGH pb.

- ROCK AND OUTCROPS BEYOND TAILINGS ARE LESS, BUT STILL SHOWING pb.

- GALENA OBSERVED

PILE 3

- SIMILAR LEVELS AS PILE 1

- NATIVE ROCK OUTCROPS SHOWING HIGH pb

- DOWN & SIDE GRADIENT HIT OR MISS.

- GALENA OBSERVED

(b) (5)

[redacted]

1645 -

- PILE 1 COMPLETED

- 1/2 OF PILE 2 COMPLETED

- NYSDEC ACCESS ROAD IS WASHED OUT IN SEVERAL SECTIONS, BUT PASSABLE.

MARCH 22, 2016 TUESDAY

0645 – ON-SITE 23°F CLEAR

– OBJ:

: CONTINUE DELINEATION SAMPLING AT UPPER MINE LOCATIONS.

0715 – WESTON ON-SITE, HEADING TO THE TOP.

– AC TO INVESTIGATE ACCESS ROAD ~~UP~~ UP THE MOUNTAIN JUST SOUTH OF GRANGE PIT. ROAD EXTENDS EAST ALONG A BROOK FOR A GOOD DISTANCE. GPS'D ROUTE BUT THE ROAD DID NOT TURN SOUTH/UP THE MTN.

0830 – JOINED WESTON AS PILE 2

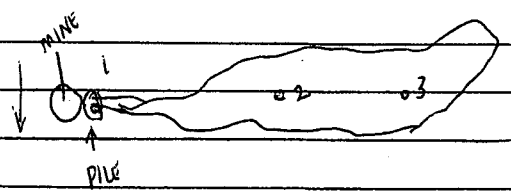
0900 – SET OUT TO INVESTIGATE AREA SOUTH OF PILE 1, WHERE AN ATYPICAL FEATURE CAN BE SEEN FROM 209/KOHLS.

0935 – LOCATED A TAILING PILE AND FORMER MINE. MINE SEEMS TO BE FILLED IN. TAILING EXTEND DOWN THE MTN FOR 100'. GPS'D AND PHOTO DOCUMENTED. NOTED AS PILE 5

1230 – COMPLETED PILE 3 SAMPLING

1345 – WENT BACK TO PILE 5 TO SAMPLE

– COLLECTED 3 0-5' SAMPLES AND .5-1' AT THE CENTER LOCATION.



XRF'S (RANGE)

#1 700-900 ↑

#2 12,200 - 15,800 ppm

~~#2 12,800 - 15,600~~

~~#3 11,400 - 13,500~~ ↓

MAY 16, 2016 MONDAY

0645 DEPARTED RBS

0830 – ON-SITE.

– TREES DOWN ALONG LOWER ROAD

– LARGE POND WATER AREA NEAR MILL

– OBJ: SAMPLE TOWPATH & LOWER ROAD (0-2/6-12)

0930 – CUT TREES AND CHANNELED WATER TO DITCH.

1030 – RST ON-SITE, MIKE L./MIKE M

1045 – BEGAN GPS'ING SAMPLING POINTS ALONG LOWER ROAD.

1330 – RST ~~KARLA~~ ON-SITE, SCRIBE.

1630 – CLEARED TREES NEAR MILL

1700 – SAMPLING COMPLETED FOR THE DAY

– RETURNING TO STAGING AREA

1830 – DEPARTED SITE

– ROAD IN PASSABLE CONDITION.

MAY 17, 2016 TUESDAY

0550 - ON-SITE
- OBJ:
: CONTINUE SAMPLING ACTIVITIES.

0700 - RST ON-SITE
- AC TO UPPER MINES

1200 - RST NEARING COMPLETION OF LOWER ROAD SAMPLING.
- PEOPLE ARE WALKING ON BOTH TO THE TOWPATH AND LOWER ROAD. HIKERS, DOG WALKERS, ETC.

GEN. EXCHANGED TEXTS/EMAILS W/DEC ENFORCEMENT REGARDING VEHICLE BY-PASSING UPPER ROAD MINE GATE.

1700 - SAMPLING WRAPPING UP

1800 - OFF-SITE
- BRIDGE/LOWER ROAD HOLDING UP WELL.
- SHOULD BE ABLE TO COMPLETE SAMPLING TOMORROW

MAY 18, 2016 WEDNESDAY

0555 - ON-SITE
- OBJ:
: COMPLETE TOW PATH SAMPLING
: LOCATING 6TH MINE ALONG THE MTN TOP.
: REPAIRED BRIDGE

0700 - RST ON-SITE
- SET OUT TO CONTINUE SAMPLING.

1020-1050 - CALL TO R. GRONWALD (NYSDEC) RE: SAMPLING/PROJECT STATUS.

1400 - MATT PAUL (FORESTRY) LOGAN (F&W) ON SITE. DISCUSSED PROJECT.

1530 - DEC OFF-SITE.

1825 - OFF-SITE

MAY 31, 2016 TUESDAY

0730 - ON-SITE FOGGY 64°F

- OBJ:

: BEGIN BAT GATE INSTALLATION

: REPAIR LOWER ROAD

: RM AND OPERATOR MOBING IN.

0845 - EXCAVATOR ARRIVED.

0855 - OPERATOR ON-SITE

1000 - SET OUT TO REPAIR ROAD / PUMP LOWER ROAD PONDED WATER.

1030 - DEC (KEITH & GARDEN) ON-SITE

1100 - C. DUFFEY ON-SITE

1405 - C. SANDERS (SANDER ENVL) ON-SITE

1600 DEC ON-SITE

- BEGAN ALT, ROAD CLEARING.

1730 - OFF-SITE

JUNE 1, 2016

0630 - ON-SITE

- OBJ:

- BAT GATE INSTALLATION

- TRACKING UP ALT ROAD TO PILES 1, 3

0640 - ER ON-SITE

0715 - BEGAN TRACKING UP ALT ROAD

1000 - SANDER ENVL ON-SITE

1115 - MADE IT TO PILE 3.

1230 - 1530 - PREPARING ACCESS ROAD TO PILE 2 AND ACCESS TO SHAFT

1530 - OPERATOR UNSURE OF ACCESS PATH. ACTIVITY SUSPENDED.

JUNE 02, 2016 THURSDAY

0610 - ON-SITE

0630 - CREW ON-SIT

- OBJ:

: SEALING SHAFT

: PREPPING FERGUSON ENTRANCE FOR GATE INSTALLATION.

0900 - SHAFT SEALED ABOVE PILE 3.

JULY 19, 2016 TUESDAY

1100 - 1200

(b)(5) and (b)(7)(A)

[redacted]

[redacted] NOVEMBER 09, 2016

0530 - DEPARTED EDISON

0700 - ON-SITE

- MT / KEITH ON-SITE (DEC)

0930 - TECH ON-SITE

1020 - TECH (2) OP ON-SITE

- TOURED SITE W/ CREW

1230-1330 LUNCH

1320 - DEC OFF-SITE

- SEVERAL CALLS W/ DEC RE: WORKPLAN AND WORK NEAR ADIT. CROSBY, GEORGE, KEITH.

1500 - WESTON COMPLETED MARKING OUT ADI'S ALONG TOWPATH / LOWER ROAD.

1600 - OPS DONE

1615-1730 - MET W/ KERRON BARNES TOWN OF WURTSBORO.

NOVEMBER 10, 2016 THURSDAY

0615 ON-SITE

0630 - OPS MTG W/ RM

0650 - CREW ON-SITE

0700 - DEPARTED TO OMA

0730 - BEGAN OPS

0815 - 2 LOADS STONE ARRIVED.

0850 - BREAK

0915 - OPS BREAK.

- DOZER CONTINUES TO MOVE TAILINGS PILE IN OMA

1030 - 1400 - MET W/ K. BARNES

- 1400 - MATT PAUL (DEC) ON-SITE, TOURED WORK

1500 - M. PAUL OFF-SITE

1600 - OPS COMPLETE

- STONE DELIVERY CONTINUED UNTIL 1430

- FABRIC ON-SITE

- ENTIRE TAILINGS PILE GRADED OUT

NOVEMBER 11, 2016 FRIDAY.

0615 - ON-SITE

- OBJ: COMPLETE CANAL WORK

: SECURE SITE

: REPAIR ACCESS ROAD

0700 - CREW ON-SITE

0730 - BEGAN CANAL OPS

1115 - CANAL WORK COMPLETED

- TECHS FINAL GRADING.

- APPROX. 40 CYS REMOVED, WILL BE USED TO COVER ~~LARGE~~ TAILINGS

1215 - LUNCH

1315 - GRADED OUT SAND FROM CANAL

- SECURING EQUIPMENT FOR THE WEEKEND

1400 - CREW OFF-SITE

- RM REMAINING TO SECURE SITE

1430 - LOADER BROKE DOWN.

- HIGH VIS FENCE INSTALLED AT ACCESS POINT TO OMA

GEN - TRENCH CLEARED ALONG WEST SIDE OF OMA FOR DRAINAGE PIPE.

NOVEMBER 14, 2016 MONDAY

0500 - DEPARTED EDISON
0635 - ON-SITE
0700 - RM / WESTON ON-SITE
0800 - CREW ON-SITE
0845 - DOZING OMA BEGAN
0900 - EXC. AT OMA
- TECHS PAINTING GATE, INSTALLING BARRIER AT ADIT.
- KEITH (DEC) ON-SITE

1115 - OMA GRADING COMPLETED
- CREW TO TAKE EARLY LUNCH

1230 - 1630
- ALL PERSONNEL WORKING ON LOWER ROAD.

- SOFT SPOT EMERGING IN ASPHALT WET SPOT.

NOVEMBER 15, 2016 TUESDAY

0615 ON-SITE
0650 - RM ON-SITE
0700 - CREW ON-SITE
0730 - CREW (2 TECHS) TO OMA, LAYING FABRIC
- DOZING ROAD STONE
0745 - RAIN BEGAN
1000 - RIVERA (DEC) ON-SITE
1130 - LUNCH
- ACCESS ROAD TOO SOFT FOR DUMP
1230 - RM STILL EVALUATING ROAD, LARGE RUTTS, PUMPING
- RAIN INCREASING.

1300 - SUSPENDED SITE OPS DUE TO HEAVY RAIN
1325 - CREW OFF-SITE.

1510 - OFF-SITE
- MET W/ RM ORDERED 6-12" STONE
- LOADER MECHANICAL IN THE MORNING
- START TIME @ 900 AM
- RM @ 700 AM

NOVEMBER 16, 2016 WEDNESDAY

0605 - ON-SITE

- OBJ:

: REPAIR OF LOWER ROAD SOFT SPOT

: CONTINUE W/ROAD INSTALLATION

0700 - RM/WESTON ON-SITE

- WILL ATTEMPT TO REPAIR SECTION AT OMA PIPE CROSSING.

0900 - REMAINDER OF CREW ON-SITE.

0930 - BEGAN DOZING

- DUMP BEING LOADED

- TECHS TO REMOVE UN-NECESSARY SUPPLIES FROM OMA

1030 - TECHS CLEARING TREES AT SOUTH END OF L. RAILROAD

- KEITH (DEC) ON-SITE

1130 - 1230 - LUNCH

- RETURNED TO STONE DELIVERY TO LOWER ROAD

1330 - 2ND DUMP ON-SITE

1400 - LOADS BEING DUMPED IN OMA.

1430 - BEGAN RUNNING TWO TRUCKS TO OMA.

1515 - MET W/AL COWN

NOVEMBER 17, 2016 THURSDAY

0600 - ON-SITE

- OBJ: CAPPING OMA

: CLEARING PATH FROM McDONALD TO LOWER ROAD BRIDGE.

0615 - RM ON-SITE.

0700 - CREW ON-SITE

- KEITH (DEC) ON-SITE

0730 - 2 DUMPS, 1 DOZER RUNNING

- 1 TECH CLEARING BRUSH, SOUTH PORTION OF LR

1200 - DEPARTED SITE TO MEET W/RESIDENT (AL) NEAR SOUTH ENTRANCE TO LR

- EXPLAINED WORK

- HE HAD CONCERNS RE: DAMAGE TO STONE DRIVEWAY. TOLD HIM I WOULD FIX OUR DAMAGE W/STONE.

NOVEMBER 22, 2016 TUESDAY

0500 - DEPARTED EDISON

0637 - ON-SITE.

- RM ON-SITE W/ HERC MECHANIC

0700 - CREW ON-SITE

0730 - CREW SPLIT UP

- 2 GUYS + WESTON TO SOUTH SIDE OF LR

- 2 GUYS BRINGING STONE TO OMA.

1130 - LUNCH - LOWER ROAD CREW

1150 - LUNCH - OMA CREW

1250 - RESUMED ORANGE DITCH PIPE ALONG OMA.

1530 - KEITH (DEC) OFF-SITE

1600 - DRAIN PIPE INSTALLED

- ONE MORE LOAD OF STONE NEEDED

- SWALE CUT PER DEC REQUEST

- 600' OF SOUTH LOWER ROAD COMPLETED

- 6 LOADS STONE TO OMA

NOVEMBER 23, 2016 WEDNESDAY

0605 - ON-SITE

- OBJ:

- WRAPPING UP LAST 200' OF LR

- FINISHING OMA / ROAD REPAIR

0700 - CREW ON-SITE

0730 - STONE DELIVERED TO OMA

✓ WILL STAGE PILES ALONG ACCESS ROAD

0930 - DUMP OP TO EXC

- 6 LOADS OF STONE DELIVERED.

1100 - EXC TO LR TO ASSIST W/ TREE REMOVAL

- OSC TO SOUTH SIDE. MET W/ AL RE: DRIVEWAY REPAIRS.

1200 - OSC OFF-SITE

■ NOVEMBER 28, 2016 MONDAY

0430 - AT OFFICE

0500 - DEPARTED FOR WLM

0635 - ON-SITE, CLEAR. HVY RAIN NEXT 2 DAYS.

OBJ:

: BEGIN TOWPATH CAPPING

0700 - RM ON-SITE

0730 - WESTON ON-SITE

0800 - ER PERSONNEL ON-SITE, NO FABRIC PICKED UP. TECH SENT TO GET.

0830 - RM OFF-SITE TO DO PAPERWORK.

1200 - 1300 LUNCH

- ENTIRE MORNING SPENT CAPPING TOWPATH.
- ADDT'L WORK INVOLVES RUNNING LOADS OF STONE TO MAKE FINAL ACCESS ROAD REPAIRS/DRESSING.

1700 - OPS DONE FOR THE DAY

- TOWPATH COMPLETED
- 2 LOADS 2" ¾ (LOAD ITEM 4 @ OMA
- 2½ LOADS 2"/ITEM 4 AT SORT SPOT.
- 2 PERSONNEL DEMOBING IN THE MORNING.
- ALL PERSONNEL WILL DEMOBE AT COB 11/29/16

■ NOVEMBER 29 2016 TUESDAY

0605 - ON-SITE, RAIN

- OBJ:

: REPAIR LOWER ACCESS ROAD

: REMOVAL OF GARBAGE TO DUMPSTER

: MOVING CONCRETE PILE TO SOUTH GATE

0700 - CREW ON-SITE

- TECHS TO CLEAN REFUEL EQUIPMENT, AND COLLECT GARBAGE.

0900 - WESTON ON-SITE

1030 - DEC ON-SITE

1400 - OFF-SITE

- GEN:

: TOURED ALL AREAS OF WORK

: MET W/ RESIDENT AT SOUTH END

: INSPECTED NEW GATE LOCATION

: DEC REQ. BOULDERS BE PLACED ADJ TO OMA / SMELTER ACCESS ROAD

DECEMBER 06, 2016 TUESDAY

0600 – DEPARTED OFFICE

0730 – ON-SITE

0800 – MET RM

– OBJ:

: FINAL WALK W/DEC

1000 – MET W/ LANDS & FORESTS WEIGHT, PAUL

: REMEDIATION GROUND, THOMPSON

1230 – ALL AREAS FOUND TO BE ACCEPTABLE

– DEC REQ. BOULDERS BE PLACED ALONG SMELTER ALLEY ROAD INSTEAD OF FENCING.

DECEMBER 22, 2016 THURSDAY

0600 – AC/M. LANG DEPARTED OFFICE

0735 – ON-SITE

– MET W/RM

OBJ:

: OBSERVE FENCE LOCATION

: OBSERVE UPPER ROAD LOCATION

: COLLECT SURFACE WATER SAMPLES

0800 – AT OMA

0830 – FENCE CONTRACTOR (KETCHUM) ON-SITE.

1130 – FENCE CONTRACTOR TO VFW

1205 – EPA OFF-SITE AND WEATHER

1300 – BOULDERS COMPLETED POST INSTALL DONE

1400 – SAMPLES DELIVERED TO LAB (AESA).

JANUARY 12, 2017 THURSDAY

0630 – DEPARTED EDISON

– M. SPRENGER, T. CADY, J McBURNEY

– OBJ: FIELD VERIFYING LIDAR WORK / AOC'S

0815 – ON-SITE

– MET RM

– MET EVAN (NYSDEC)

0900 – TOURED OMA, SMELTER AREA, NEW AREAS, LOCATED AN EXCAVATED DITCH NORTH OF DAM, PURPOSE UNKNOWN

1015 – K. THOMPSON (NYSDEC) ON-SITE

– CONTINUED TO UPPER MINES

1100 – ARRIVED AND INSPECTED UPPER MINES

1130 – LOCATED MINE IDENTIFIED BY K. GRANSBURG

– MINE IS OPEN (VERTICAL) WITH A SMALL TAILINGS PILE. EVIDENCE OF PORCUPINE INHABITING THE MINE (DROPPINGS – SCAT).

1245 – SET OUT TO LOCATE ANOTHER FEATURE WITHIN THE NORTHERN LIMITS OF STATE FOREST.

1330 – FEATURE TURNED OUT TO BE A SPRING THAT HAD AN EARTHEN DAM BUILT AROUND IT SOME TIME AGO.

1400 – OFF-SITE.

MARCH 05, 2017 WEDNESDAY

0 1115 - A. CONFORTINI - M. GALLO DEPARTED FOR SITE

1230 - ON-SITE
- MET RM
- ORT: INSPECT OMA, RETRIEVE SITE SUPPLIES

1315 - FALLEN TREES ALONG LOWER RR PATH

1345 - LARGE PINE TREE FELL ON DRAIN FENCE
- DRAIN PIPE LIFTED UP IN THE MIDDLE SECTION, STILL DRAIN

1430 - EPA / RM OFF-SITE

MARCH 11, 2017 TUESDAY

0600 - DEPARTED OFFICE

0730 - ON-SITE

0800 - RM ON-SITE AWAITING EXCAVATOR

0930 - AT OMA W/ EXCAVATOR
- CLEARED 2 FALLEN TREES ON LOWER RR.

1300 - TRACE ON FENCE / GATE REMOVED
- DRAINAGE PIPE REMOVED (2-SECTIONS)

1300-1430 - FIXED CULVERTS ALONG LOWER RAILROAD, ALSO FILLING IN RUTS IN ROAD.

1430 - AC OFF-SITE