VON DOOSE (unpatented)

32'± to USFS

N69°37'25"E 120.00'

S52°22'25"E 80.00'

N52°59'24"E 110.00'

N90°00'00"E 50.00'

S30°49'30"E 60.00'

AFFECTED AREA BOUNDARY
3.00 ACRES

S77°59'18"W 295.06'
TO RNC LS 12180
2 - 5351 OCEOLA

N19°05'17"W 150.00'

MINE PORTAL
37.91737° N
107.67570° W
ELEV: 10890.66

DIRECTION OF MINING

-0.00%

-1.82%

10900

-1.5:1 Working Surface

-2.00%

-20.17%

CONSTRUCT UPLAND DIVERSION DITCH
(90 L.F.) DEPTH VARIES, AVERAGE 1.5'
INSTALL SEDIMENT TRAP AT OUTFALL

N69°11'21"W 55.00'

N16°26'33"W 100.00'

N43°01'44"W 85.00'

CONSTRUCT WATER BARS AT 100'-150' INTERVALS
ALONG THE ENTIRE LENGTH OF IMPROVED ROAD,
INSTALL ROCK RIP-RAP AT OUTFALL TO DISPERSE CONCENTRATED WATER

S73°40'39"W 66.00'

N55°57'30"W 70.00'

-1.1:1 Existing

N11°07'54"E 50.00'

-1.3:1 Existing

N51°59'30"W 30.00'

N73°10'46"W 110.00'

CONSTRUCT UPLAND DIVERSION DITCH
(115 L.F.) DEPTH VARIES, AVERAGE 1.5'
TO CHANNELIZE WATER TO NEW CULVERT

LAYDOWN AREA CUT SLOPE
0.20 ACRES SURFACE AREA

5351 SENATOR BECK

S00°45'11"E 180.00'

TOE OF WORKING SLOPE
LOCATION OF COMPACTED TOPSOIL AND REGOLITH BERM
BERM TO CONTAIN APPROX. 300 CUBIC YARDS
SHALL ALSO SERVE AS EROSION CONTROL MEASURE
WITH PERMIT BOUNDARY SEDIMENT TRAP
3 ACRES

WASTE ROCK DUMP
WORKING SIDE SLOPE
0.61 ACRES SURFACE AREA

WASTE ROCK DUMP
TOP SURFACE
0.08 ACRES SURFACE AREA

INSTALL NEW 18" CULVERT
WITH ROCK RIP-RAP
AND TEMPORARY SEDIMENT TRAP
ON DOWNSTREAM END
TEMPORARY CULVERT PROTECTION
ON UPSTREAM END

APPROX. 12' WIDE
IMPROVED ROAD

S70°15'09"E 102.00'

ROAD SIDE SLOPE IMPROVEMENT
0.04 ACRES SURFACE AREA

GATE AND
PERMIT SIGNAGE

S52°32'14"E 95.00'

LAYDOWN AREA
0.11 ACRES SURFACE AREA

CONTAINER (1)

FUEL (3)

CONTAINER (2)

TOILET (4)

-6.00%

-2.2:1

10860

-10.00%

45'

95'

70' (MIN)

LAYDOWN AREA

CAP (6)
MAGAZINE

10875 Cir.

POWDER (5)
MAGAZINE

-2.2:1 Existing

S39°35'58"W 130.00'

S06°05'00"W 75.00'

INSTALL WATER BAR
& SEDIMENT TRAP
AT BEGIN ROAD CONSTRUCTION

LAYDOWN AREA SIDE SLOPE
0.03 ACRES SURFACE AREA

ROCK RIP-RAP DRAINAGE RUNDOWN
FROM LAYDOWN AREA
INSTALL SEDIMENT TRAP
AT TOE OF SLOPE

EXISTING PRIVATE GATE

5351 OCEOLA

OURAY COUNTY ROAD 20A

CORKSCREW GULCH

251'± TO APPROX. EDGE COUNTY ROAD 204

EXISTING ROADS

5351 VETO

APPROX. BEGINNING OF
ROAD RE-GRADING

386'± TO NELLA M PORTAL

215'±
TO
EDGE NELLA M

18987 NELLA M

Property Boundary Note:
The boundaries shown hereon for the patented claims named Oceola, Veto, Senator Beck, and India were based on found monuments for corner #24 of the India, a common eastern corner (#18/19) between the Senator Beck and the India claims, a common eastern corner (#6/7) between the Veto and Oceola claims, and corners #1 & #2 of the Oceola claim, and a bearing tree near the west end of the India claim along with record documents which provided adequate evidence for the owner to be confident their proposed mining activities fell within their owned properties. In addition to this the required claim markings, for the unpatented claims DVD-1 and DVD-2 were set in the field.

LEGEND

- EXISTING ROAD CENTERLINE
- EXISTING ROAD EDGE
- 5800 EXISTING INDEX CONTOUR
- 5795 EXISTING INTERMEDIATE CONTOUR
- PATENTED CLAIMS OWNED BY RED MOUNTAIN TRUST, LLC
- UNPATENTED CLAIMS OWNED BY RED MOUNTAIN TRUST, LLC
- PATENTED CLAIMS OWNED BY OTHERS
- MINE PERMIT BOUNDARY
- APPROXIMATE FUTURE BUILDING
- 5800 PROPOSED INDEX CONTOUR
- 5795 PROPOSED INTERMEDIATE CONTOUR

FACILITY LEGEND

1. CONEX BOX / CONTAINER
2. CONEX BOX / CONTAINER
3. 550 GALLON FUEL TANK AND CONTAINMENT
4. COMPOSTING TOILET IN PORTABLE STRUCTURE
5. POWDER MAGAZINE
6. CAP MAGAZINE

N

1" = 30'

Scale in feet
30' 0 30' 60'

THESE EXHIBITS WERE PREPARED BY:
Del-Mont Consultants, Inc.
UNDER THE DIRECTION OF:
Mike Thompson

NO	DATE	REVISIONS	BY

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DESIGNED BY: MW/MT
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SCALE: 1" = 30'
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EXHIBIT E - MINE MAPS
VON DOOSE MINE 110(1) RECLAMATION PERMIT APPLICATION
ATLAS MINING & RECLAMATION, LLC

MINE PLAN

DMC JOB NO.: 18119

SHEET NO.: E2
OF SHEETS

PLOTTED BY MWHITE, FILE PATH & NAME = \\DMS149\PROJECTS\ACTIVE PROJECTS\2018\18119-AMMC, BOUNDARY & TOPO\C3D\2019\18119C_BASE2019.DWG, PLOT DATE = 3/18/2020 11:16 AM