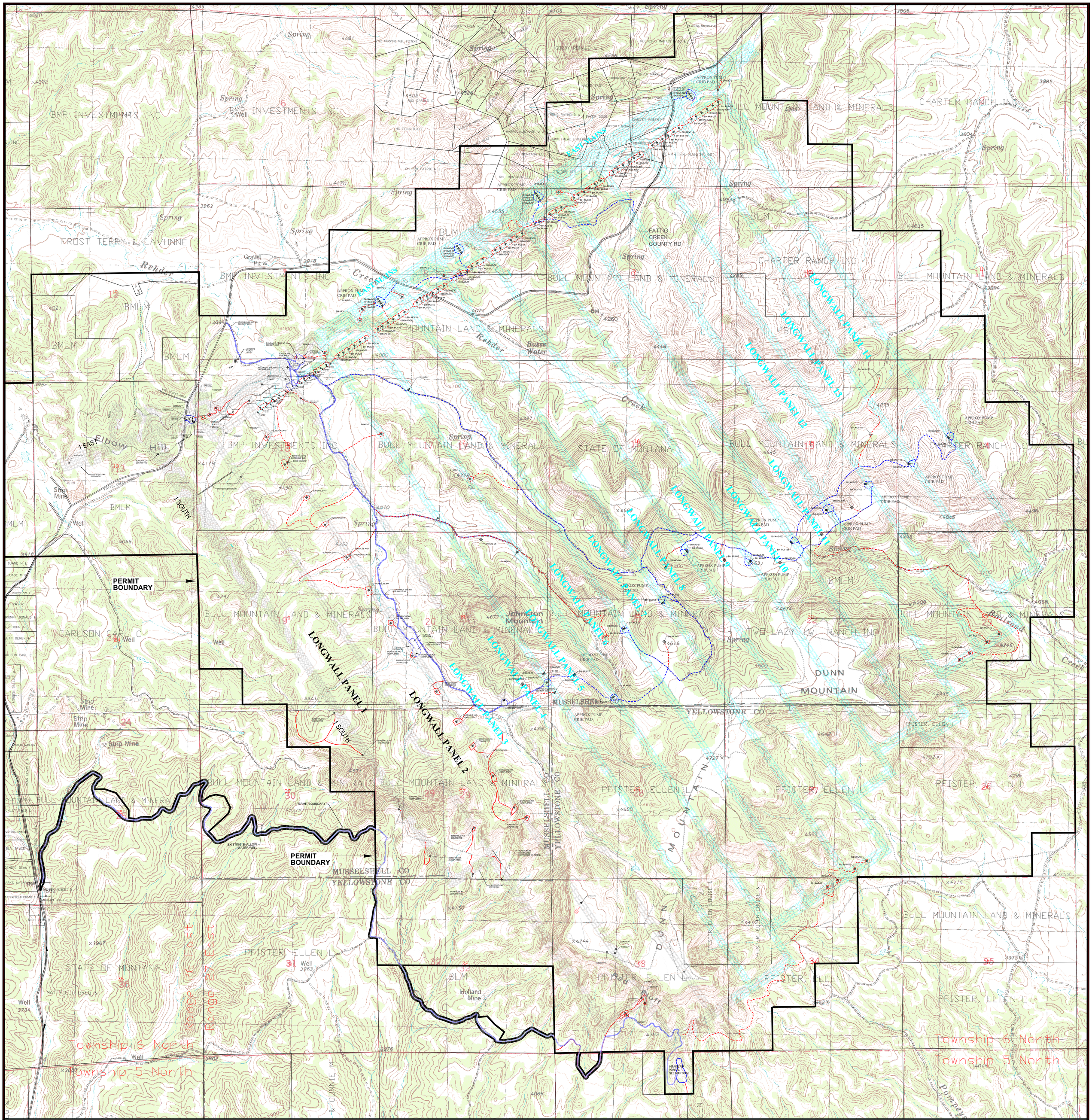


## LEGEND

- PERMIT BOUNDARY
- MINE WORKINGS
- PROJECTED MINE PLAN
- TEXT SURFACE OWNER
- BOREHOLE*
- SECONDARY ROAD & ASSOCIATED PAD
- APPROX PLANNED SECONDARY ROAD* & ASSOCIATED PAD*
  MUST RECEIVE MINOR REVISION APPROVAL ON A SUBMITTED DESIGN PRIOR TO CONSTRUCTION
- TERTIARY ROAD & ASSOCIATED PAD
- APPROX PLANNED TERTIARY ROAD* & ASSOCIATED PAD*
- RANCH ROAD
- TRAIL OR FIRE BREAK

* CONTINGENT ON ACCESS AGREEMENT(S) WITH SURFACE OWNER(S) WHERE APPLICABLE

**NOTE: Property boundaries and ownership information on this map were created from The Natural Resource Information System. http://nris.mt.gov/gis/ file: Cadastral (land ownership) data**

**(Quote from NRIS) "These data do not constitute a legal survey; inaccuracies exist with both the parcel boundaries and the attribute data; when seeking the definitive description or real property consult the deed."**

**MTSPCS NAD 83, 86 ADJ(INT FT)/NGVD 29**

**NOTE RANCH ROADS AND TRAILS ON THIS MAP WERE VECTORIZED FROM 2005 AND 2009(UPDATED) FROM DEPT OF AGRICULTURE AERIAL PHOTO .SID FILE**

**NOTES:**

**1) IF THERE IS NO TERTIARY ROADS ILLUSTRATED FROM RANCH OR SECONDARY ROADS TO BOREHOLE, THEN SOILS WERE NOT DISTURBED UPON BOREHOLE INSTALL(DROVE ON GRASS)**

**2) SEE MAP 321-2A FOR ROAD CLASSIFICATIONS**

**3) SEE TABLE 308-4 FOR BOREHOLE TYPE, DEPTH, DISTURBANCE ACREAGE, RECLAMATION SCHEDULE**

**4) SEE FIGURE 308-8 FOR TYPICAL BOREHOLE PAD DESIGNS, SEDIMENT CONTROL PLAN, RECLAMATION PLAN**

**5) SEE FIGURE 321-6 FOR TYPICAL TERTIARY ROAD DESIGNS, SEDIMENT CONTROL PLAN, RECLAMATION PLAN**

**6) SEE SECTION 321 FOR SECONDARY ROAD DESIGNS**

**7) SEE SECTION 308 FOR LARGE PAD DESIGNS**

N

0 800 1600 2400

SCALE: 1" = 800'

NAD 83 MONTANA STATE PLANE ZONE, INT FOOT
CONTOUR INTERVAL = 20 FEET

SOURCE: TOPOGRAPHIC BASE MAP FROM USGS 7.5' QUADRANGLES:
SIGNAL MOUNTAIN, PARK COULEE, DUNN MOUNTAIN NORTH, DUNN MOUNTAIN SOUTH.

MONTANA
FERNANDO ALBERT VALDEZ III
No. 17686 PE
PROFESSIONAL ENGINEER

# BULL MOUNTAINS MINE NO. 1
# Permit C1993017

**MUSSELSHELL AND YELLOWSTONE COUNTIES**

**SEPTEMBER 3, 2013**

## MAP 308-4

## BOREHOLES, PADS & SUPPORT FACILITIES

| REV. | DATE | BY | DESCRIPTION |
|---|---|---|---|
| 15 | 9/3/13 | D.R.W. | PERMIT UPDATE_AMEND 3 & INCLUDE ALL APPROVED MRS FROM REVIEW PERIOD |
| 14 | 3/15/13 | D.R.W. | Application_Response |
| 13 | 9/7/12 | D.R.W. | Application_Amendment 3 |
| 12 | 7/25/12 | D.R.W. | Submit Update to MR 156_Mitigation Borehole #52 |
| 11 | 7/18/12 | D.R.W. | Submit MR 156_Mitigation Borehole #52 |
| 10 | 5/21/12 | D.R.W. | Update Permit MR137 |