

C/07/041 Incoming
CC: Karl

West Ridge Mine 794 North "C" Canyon Road, East Carbon, Utah 84520
P. O. Box 910, East Carbon, Utah 84520

Phone: (435) 888-4000

Fax: (435) 888-4002



September 9, 2015

Daron Haddock
Utah Department of Natural Resources
Utah Division of Oil, Gas, and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: West Ridge Mine
Information Letter

Mr. Haddock:

In order to have maximum utilization of the leased reserves at the West Ridge Mine, Panel 34 longwall panel was created. This panel is the closest panel to the surface and below a cliff near the warehouse. In order to mine the panel and protect the miners, the mine created a plan using a berm. The berm was designed using engineering practices and was reviewed and accepted by MSHA. The mining plans are attached to this letter. Please note that temporary facilities shown (Tents, equipment racks, etc.) were removed for the berm.

The berm construction does not change the drainage but is built to utilize current culverts. The berm will be utilized during mining and until the area has settled and deemed safe for reclamation.

If additional information is required, please feel free to call me at (435) 888-4026 or contact us at the address listed above.

Sincerely,

Karin Madsen
Engineering Technician

U. S. Department of Labor

Mine Safety and Health Administration
P O Box 25367
Denver, Colorado 80225
Coal Mine Safety and Health
District 9



MAY 13 2015

Darrell Leonard
Mine Superintendent
West Ridge Resources, Inc.
P.O. Box 910
East Carbon, Utah 84520-0910

RE: West Ridge Mine, ID No. 42-02233
Roof Control Plan, Site-Specific Amendment:
Revised Plan for Mining of Longwall Panel 34

Dear Mr. Leonard:

The referenced Roof Control Plan site-specific amendment is approved in accordance with 30 CFR § 75.220(a)(1).

The submittal consists of a cover letter dated April 6, 2015, and two drawings (including revised Plate 2 received on May 8, 2015) addressing changes to the approved plan for the mining of longwall Panel 34. The plan was changed in two ways: barrier sizes either increased or remained the same, and the area of timbering and the examiner's route were changed.

This amendment supersedes the site-specific amendment approved on March 11, 2015, for Mining of Longwall Panel 34. This amendment will be incorporated into the current plan originally approved on June 21, 2012.

This approval is site specific for longwall Panel 34 and will terminate upon completion of the project. It will be added to the Roof Control Plan as a separate attachment.

A copy of this plan must be made available to the miners and must be reviewed with all persons affected by this plan, in accordance with § 75.220(d).

Please be aware that the approval of this plan amendment does not imply approval of any required Ventilation Plan amendment.

If you have any questions regarding this approval, please contact Tain Curtis at 435-637-3051, extension 113, or Matt Lemons at 303-231-5570.

Sincerely,

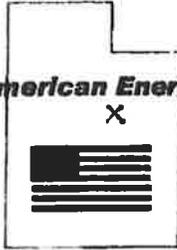


for Russell J. Riley
District Manager

Enclosure

cc: David W. Hibbs

UtahAmerican Energy, Inc.

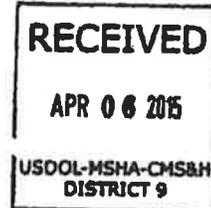


794 North "C" Canyon Road, East Carbon, Utah 84520
P. O. Box 910, East Carbon, Utah 84520
Phone: (435) 888-4000
Fax: (435) 888-4002

8836 B11-A46

April 6, 2015

Russell J. Riley
District Manager
Coal Mine Safety and Health Administration
P.O. Box 25367
Denver, Colorado 80225-0367



RE: West Ridge Mine
MSHA ID Number 42-02233
Site Specific Roof Control
Panel 34

Dear Mr. Russell J. Riley:

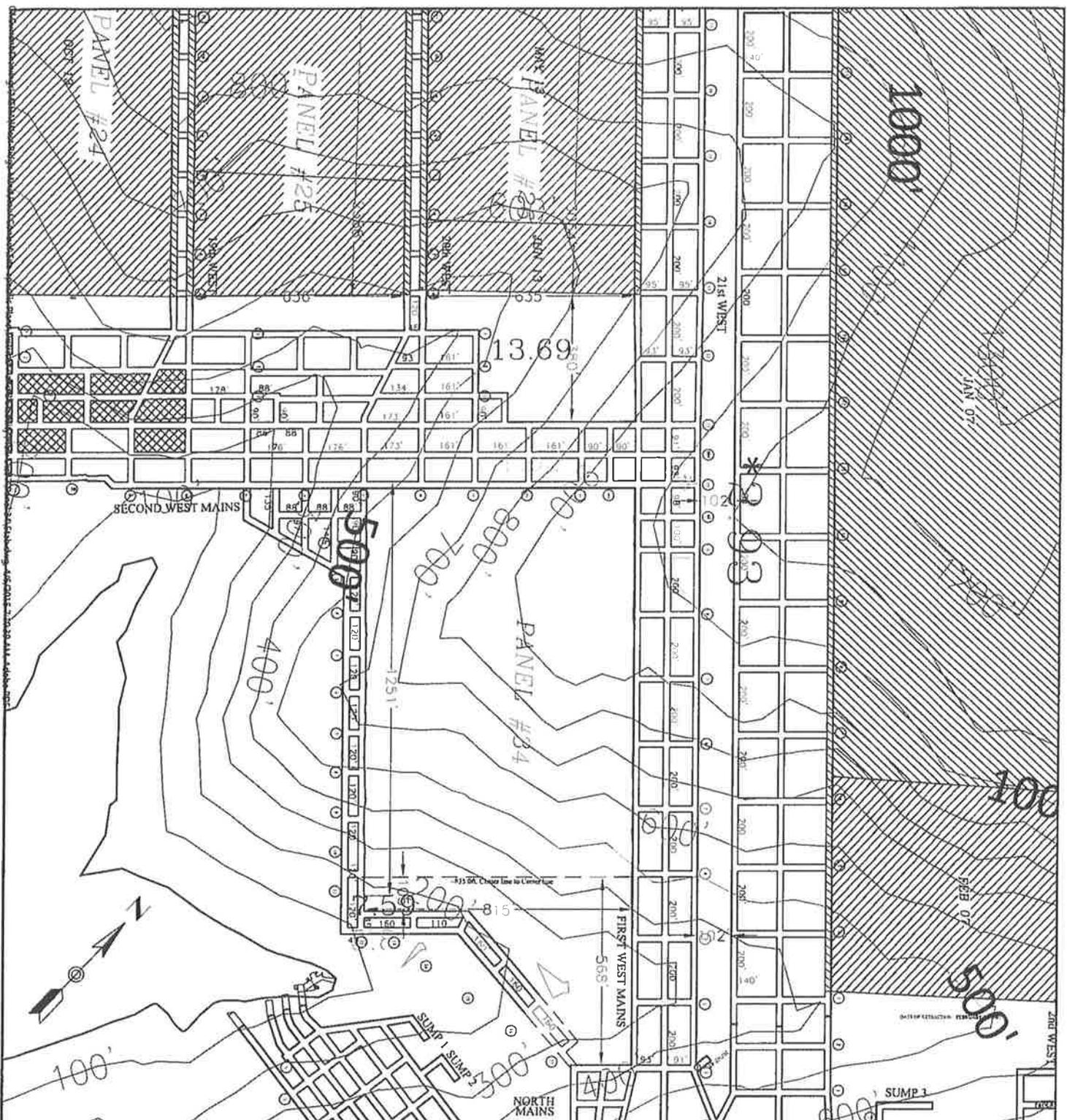
Please see the attached revised plan for mining Panel 34. Upon approval of this plan, please withdraw the plan for Panel 34 mining approved March 11, 2015. The plan has been changed in these two ways:

- Barrier sizes have either been increased or remained same. Since no decrease of barrier size has been made and an increase will only increase the stability factor, no new analysis has been performed.
- Area of timbering and examiner's route has been changed.

If you require additional information, feel free to call James Newman at (435) 888-4008 or contact us at the address listed above.

Sincerely,

David W. Hibbs
President



NOMINAL MINING
HEIGHT IS 8'
NOMINAL ENTRY
WIDTH IS 20'

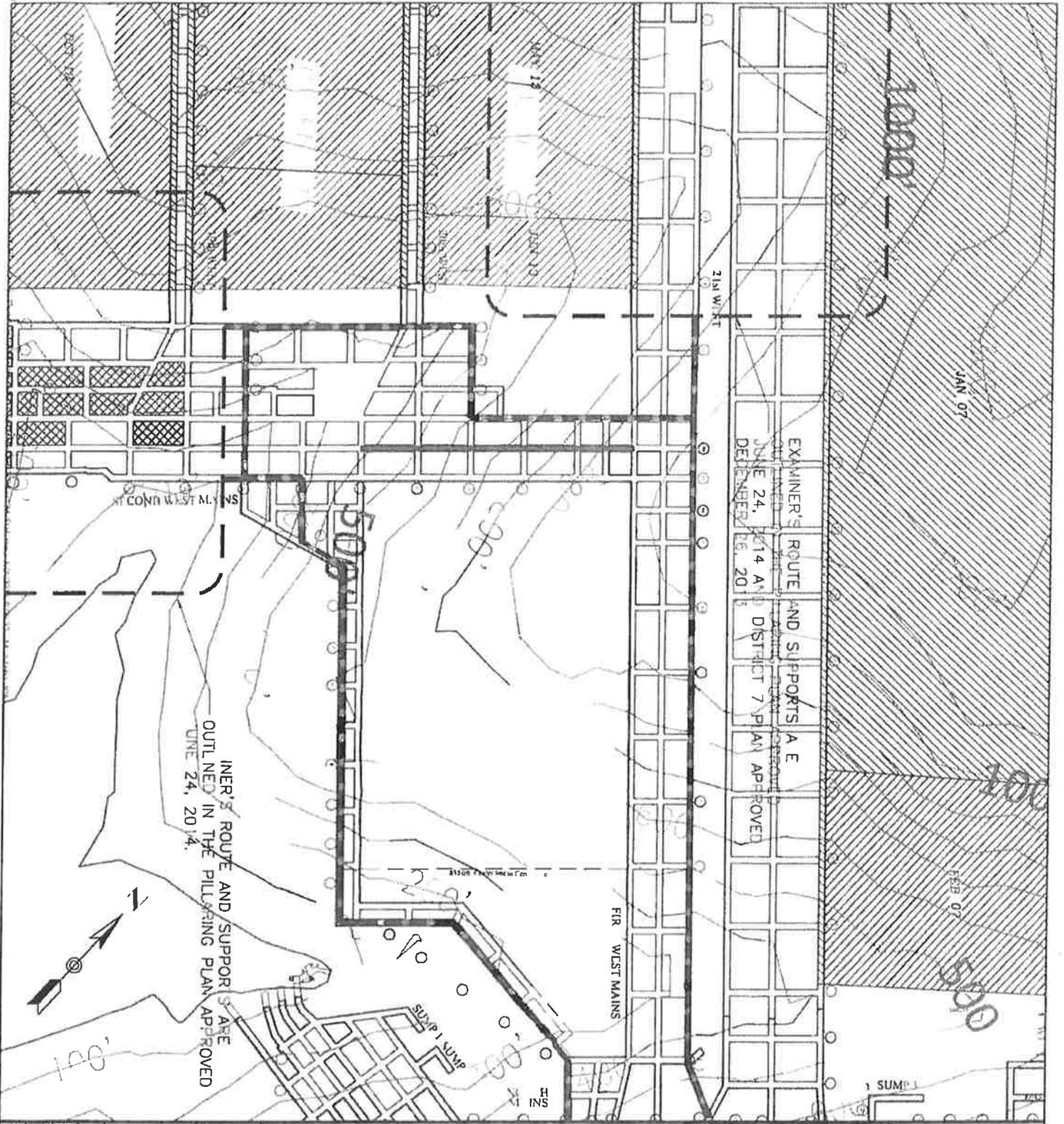
- 1.50 PILLAR STABILITY FACTOR
 - 2.00 BARRIER PILLAR STABILITY FACTOR
 - * 1.50 PILLAR STABILITY FACTOR (MSHA: Letter 15 Mar 2013)
 - * 2.00 BARRIER PILLAR STABILITY FACTOR (MSHA: Letter 15 Mar 2013)
- MSHA Approval 18 May 2015
(Internal Use Only)

Panel 34
Stability & Pillar Sizes

WEST RIDGE
RESOURCES, INC.
794 NORTH "C" CANYON ROAD
EAST CARBON, UTAH 84520

MSHA MINE ID # 42-02233

DESIGN BY	JDN	SCALE	1" = 400'
APPROVED BY	DH	DATE	7 OCTOBER 2014
SHEET			PLATE #1 of 2



EXAMINER'S ROUTE AND SUPPORTS A-E
 DATED AND APPROVED BY DISTRICT 7 PLAN APPROVED
 JUNE 24, 2014 AND
 DECEMBER 16, 2015

EXAMINER'S ROUTE AND SUPPORTS A-E
 OUTLINED IN THE PILLAGING PLAN APPROVED
 JUNE 24, 2014.

**Panel 34
 Support & Routes**

- Timbers or equivalent will be used, in accordance with 30 CFR §75.206(b)(1).A double row will be installed on 5' centers
 - Headgate and Tailgate entries will be installed a minimum of 200' ahead of the longwall
- Support according to LW retreat section in approved roof control plan
- Examiner's Route

MSHA Approval: 13 May 2015
 (Internal Use Only)

RECEIVED
 MAY 08 2015
 USDOL-MSHA-CMS&H
 DISTRICT 9

WEST RIDGE
 RESOURCES, INC.

794 NORTH "C" CANYON ROAD
 EAST CARBON, UTAH 84520

MSHA MINE ID # 42-02233

DESIGNED BY JDN SCALE 1" = 400'

APPROVED BY DH DATE 7 OCTOBER 2014

SHEET PLATE #2 of 2

U. S. Department of Labor

Mine Safety and Health Administration
P O Box 25367
Denver, Colorado 80225
Coal Mine Safety and Health
District 9



MAR 11 2015

Darrell Leonard
Mine Superintendent
West Ridge Resources, Inc.
P.O. Box 910
East Carbon, Utah 84520-0910

**RE: West Ridge Mine, ID No. 42-02233
Ground Control Plan: Upper Yard**

Dear Mr. Leonard:

The referenced Ground Control Plan has been reviewed by MSHA personnel and will be filed in the mine file in accordance with 30 CFR § 77.1000-1. The Ground Control Plan dated December 11, 2014, consists of a revised cover letter and Plates 1 through 4. The plan addresses safety measures to be taken to protect miners on the surface during the retreat mining of longwall Panel 34.

This Ground Control Plan must be followed in conjunction with the approved Roof Control Plan site-specific amendment for the mining of longwall Panel 34.

A copy of this plan must be made available to the miners and must be reviewed with all persons affected by this plan.

If you have any questions regarding the filing of this plan, please contact Tain Curtis at 435-637-3051, extension 113, or Sid Hansen at 303-231-5458.

Sincerely,

A handwritten signature in cursive script that reads "Russell J. Riley".

Russell J. Riley
District Manager

Enclosure

cc: David W. Hibbs



794 North "C" Canyon Road, East Carbon, Utah 84520
P. O. Box 910, East Carbon, Utah 84520
Phone: (435) 888-4000
Fax: (435) 888-4002

December 11, 2014

Russell J. Riley
District Manager
Coal Mine Safety and Health Administration
P.O. Box 25367
Denver, Colorado 80225-0367

157195 B1
RECEIVED

JAN 26 2015

USDOL-MSHA-CMS&H
District 9

RE: West Ridge Mine
MSHA ID Number 42-02233
Highwall Control For
Panel 34

Dear Mr. Russell J. Riley:

In accordance with 30 CFR §77.1000 the attached is the West Ridge Mines plans for protection of the miners of the highwall above Panel 34. Panel 34 is projected to be the final panel at the West Ridge Mine. At this time the majority of supplies seen in Plate 1 will be removed. Before retreat mining, the mine proposes using a berm to protect miners. This berm will be constructed before retreat mining takes place in Panel 34. The road on the south end is required for access. The following administrative controls will also be in place:

- No personnel will be permitted between the highwall and berm during mining.
- The access will be limited on the road shown. No foot traffic will be allowed (Vehicles only), also no stopping will be permitted. This will continue until completion of mining.
 - Traffic will only be to service the slope belt drive
- The water tank area north of the berm will only be checked when the longwall has been idle for over an hour
- From when the berm is completed until completion of the longwall, the mine will follow the protocol outlined in 30 CFR §77.1004(a) and 30 CFR §77.1713.
 - An "Active shift is defined as when people are working in the yard and/ or the warehouse.

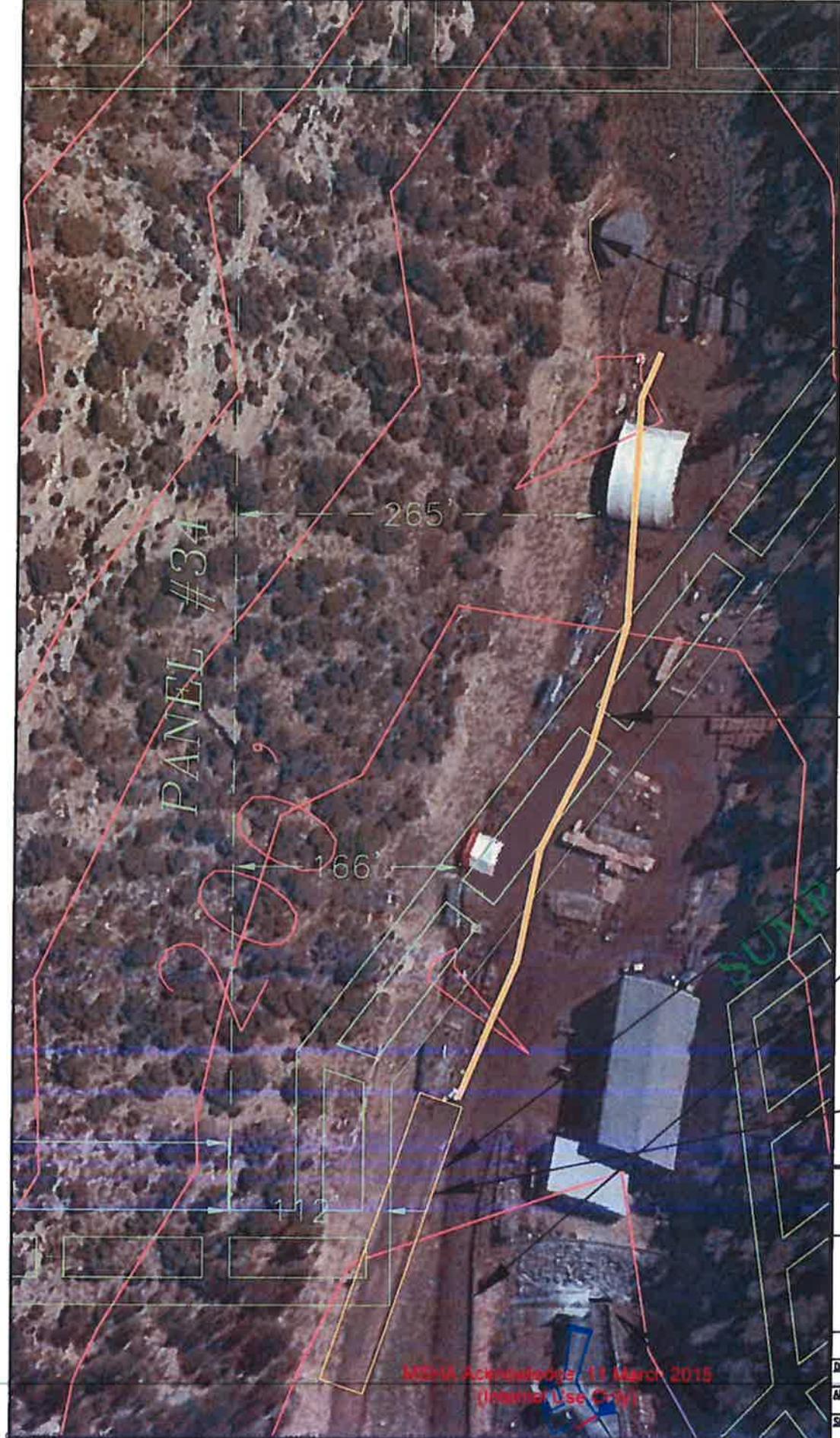
If you require additional information, feel free to call James Newman at (435) 888-4008 or contact us at the address listed above.

Sincerely,

David W. Hibbs
President

MSHA Acknowledge: 11 March 2015
(Internal Use Only)

ACCEPTED/FILED
March 11, 2015
CMSH - District 9



NOTE
 BERM WILL BE
 CONSTRUCTED
 USING DIRT IN
 PLACE BETWEEN
 THE HILL AND
 BERM. THE
 BERM WILL BE
 PILED AT LEAST
 6' HIGH.

CONCRETE
 BARRIER
 ADDED

ACCEPTED/FILED
 March 11, 2015
 CMSH - District 9

APPROXIMATE
 LOCATION OF
 BERM

ROAD BERM
 ALREADY
 IN PLACE

CONCRETE
 BARRIER
 ALREADY
 IN PLACE

NO STOPPING
 OR PEDESTRIAN
 TRAFFIC ON
 THIS ROADWAY

Panel 34
Berm



WEST RIDGE
 RESOURCES INC
 704 NORTH "C" CANYON ROAD
 EAST CARBON, UTAH 84520

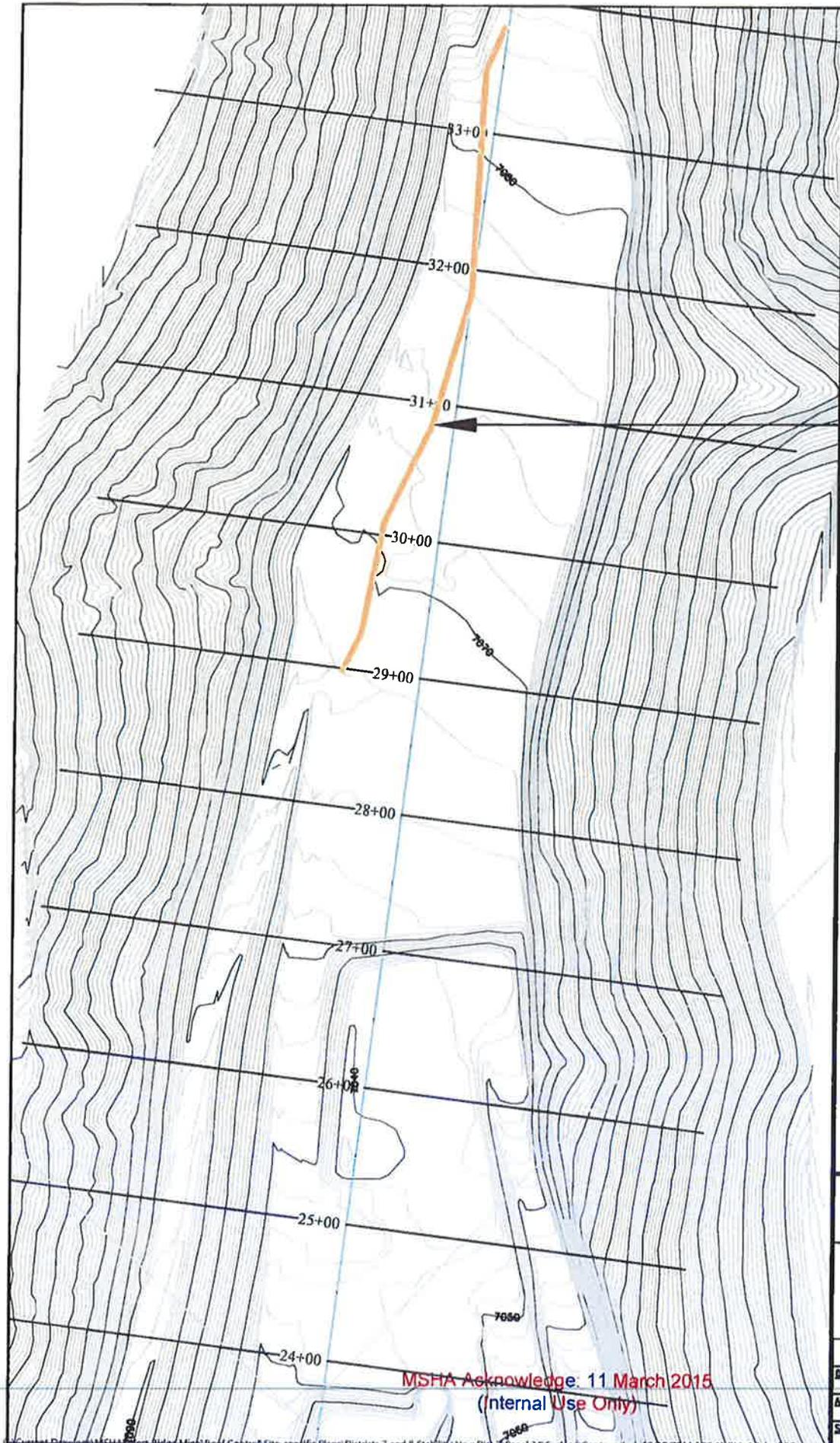
MSHA MINE ID # 42-02233

DRAWN BY JDN SCALE 1" = 100'

APPROVED BY DH DATE 4 DECEMBER 2014

SHEET PLATE #1 of 4

MSHA Acknowledges 11 March 2015
 (Internal Use Only)



APPROXIMATE
LOCATION OF
BERM

ACCEPTED/FILED
March 11, 2015
CMSH - District 9

**Right Fork
Contour Map**



**WEST RIDGE
RESOURCES, INC.**
704 NORTH "C" CANYON ROAD
EAST CARBON, UTAH 84520

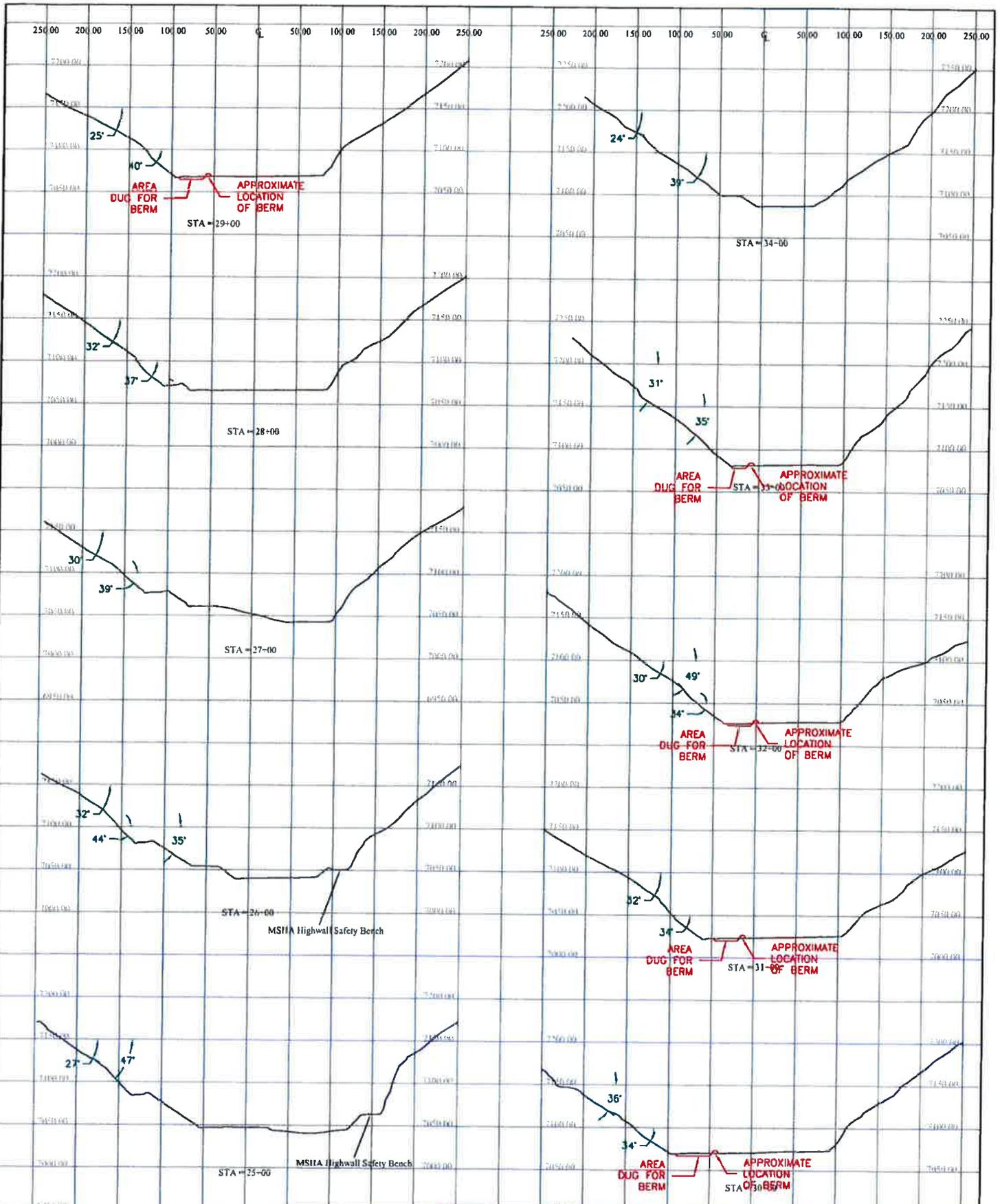
MSHA MINE ID # 42-02233

DRAWN BY JDN **SCALE** 1" = 400'

APPROVED BY DH **DATE** 4 DECEMBER 2014

SHEET PLATE #2 of 4

MSHA Acknowledge: 11 March 2015
(Internal Use Only)

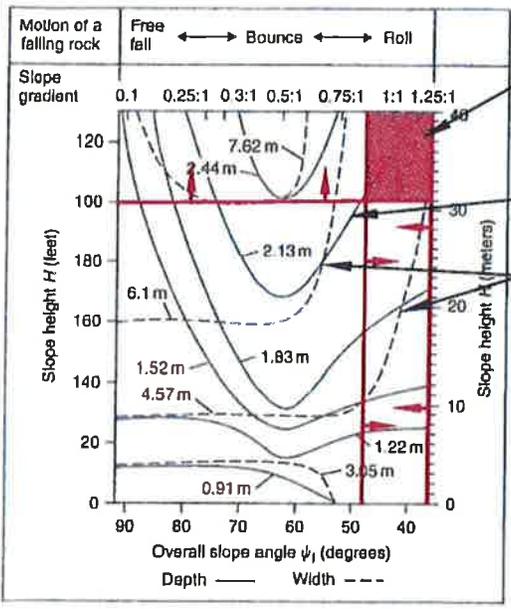


Right Fork
 MSHA Accident
Contour Map

ACCEPTED/FILED
 March 11, 2015
 CSMH - District 9

RIDGE
 RCES, INC.
 YON ROAD
 EAST CARBON, UTAH 84520

MSHA MINE ID # 42-02233
 JDN N/A
 DH 4 DECEMBER 2014



SLOPE CLASSIFICATION (ROLL)

DEPTH
2.13m = 6.5'

WIDTH
5.3m = 16'

IN ALL CASES THE BERM WIDTH FAR EXCEEDS THE RECOMMENDED WIDTH (USUALLY BY A FACTOR OF 2 TO 3)

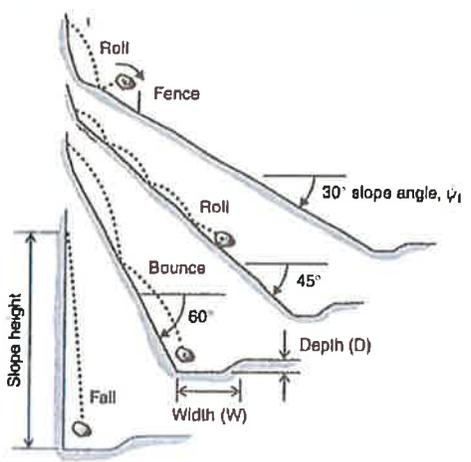


Figure 12.21 Ditch design chart for rock fall catchment (Ritchie, 1963).

Wylie, D.C, Mah, C.W (2004) Rock Slope Engineering, Civil and Mining, 4th Edition, Spon Press, New York (p. 313)

Berm Justification

WEST RIDGE RESOURCES, INC.
704 NORTH "C" CANYON ROAD
EAST CARBON, UTAH 84520

MSHA MINE ID # 42-02233

DESIGN BY	JDN	SCALE	N/A
APPROVED BY	DH	DATE	4 DECEMBER 2014
SHEET		PLATE #4 of 4	

ACCEPTED/FILED
March 11, 2015
CMSh - District 9

MSHA Acknowledge (Internal Use)