

C0150025 Incoming  
# 5209



7/15/2016

Daron R. Haddock  
Coal Program Manager

Subject: Two Clean Copies Castle Valley Mining #2 Belt Access Road

Dear Mr. Haddock:

Castle Valley Mining in Huntington, Utah is submitting two clean copies of the #2 Belt access road documents and maps for incorporation in the current MRP.

If you have any questions, please call me (435) 687-2178

Sincerely,

JAREN JORGENSEN  
Jaren Jorgensen  
Engineering

RECEIVED

JUL 20 2016

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P.O. Box 475 • Huntington, UT 84528  
Phone (435) 687-5454 • Fax (435) 687-5037



accordance with [Appendix 2-F](#). The actual depth may vary in areas where high organic material is present at deeper or shallower depths, or where bouldery material precludes accurate salvage of the specified depths.

Topsoil will be recovered during construction and relocated to the [stockpile area shown on Plates 5-2F and 5-2G](#). A total of 8,700 cubic yards of topsoil will be recovered during construction of the Blind Canyon Seam Pad, as shown in [Table 5J-1](#). [Plate 2-2E](#) shows the details of the topsoil stockpile. The topsoil stockpile will be surrounded with a containment berm and protected as stated in [R645-301-234.220](#). An additional volume of 2,354 cubic yards of topsoil within the stockpile area will not be disturbed, but is included in the total available volume in [Table 2-8](#). Permeable fabric strips will be placed over this area prior to stockpiling additional topsoil in the area to preserve the location of the contact between the native topsoil and additional topsoil placed in the pile.

In 2016 150 yds of Wild Horse Ridge top Soil was moved to allow an access road to #2 Belt. All of the 150 yds. was relocated to a different area within the same pile. The berm was relocated. Construction is complete, As-Built drawings submitted for incorporation into the MRP. Top soil as well as newly constructed berm will be reseeded with the approved seed mix stated in the MRP.

During construction of the Tank Seam Pad a total of 1,300 cubic yards of topsoil will be recovered, as shown in [Table 5K-1](#). Details of the topsoil stockpile are shown in [Appendix 5-K](#).

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**BTCA Area “X” - WHR Conveyor Access Routes - Disturbed**

This ASCA consists of an area shown on Plate 7-1F, located at the end of the conveyor access road No. 1. It consists of 0.07 acres. The maximum estimated runoff from the area is 0.009 acre-ft.

Sediment and runoff will be controlled by the placement of a silt fence along the lower edge of the areas. A typical silt fence installation is shown in Figure 7.2-15.

**BTCA Area “Y” - WHR Topsoil Stockpile Area**

This area consists of 0.36 acres, shown on Plate 7-1F. The maximum estimated runoff volume from this area is 0.045 acre-ft. It includes the area in and around the Wild Horse Ridge topsoil stockpile. The topsoil stockpile will be totally contained by a berm to prevent any topsoil from being eroded from the stockpile. Sediment and runoff from the remaining disturbed areas around the stockpile area will be controlled using a catch basin (1). Runoff from watershed AD-16 will be captured by the #2 Belt access road and routed to catch basin 1. D-15D will be in place to collect sediment/runoff from the access road and water shed AD-16. D-15D will be checked for Stability/erosion along with catch basin (1). Designs for Catch Basin (1) are presented under BTCA Area “W”.

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Table 5J-2

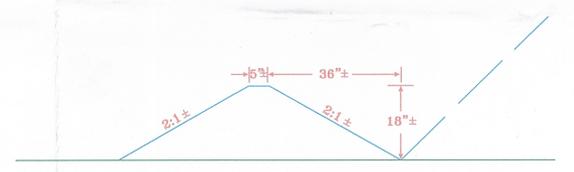
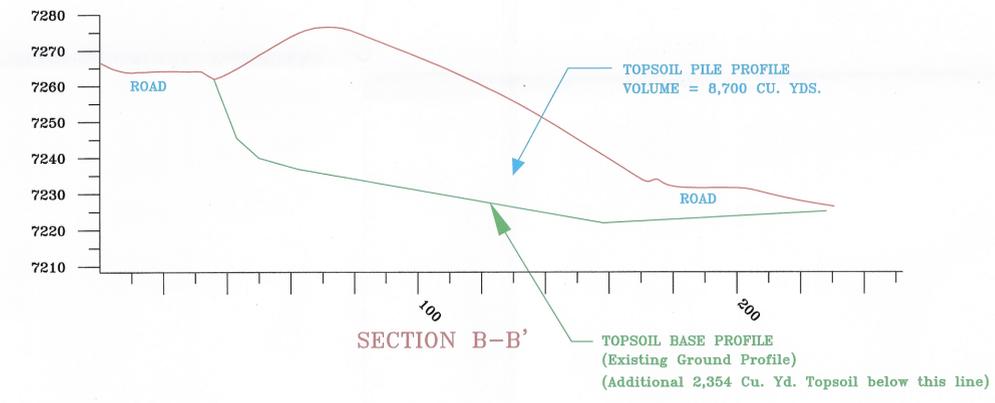
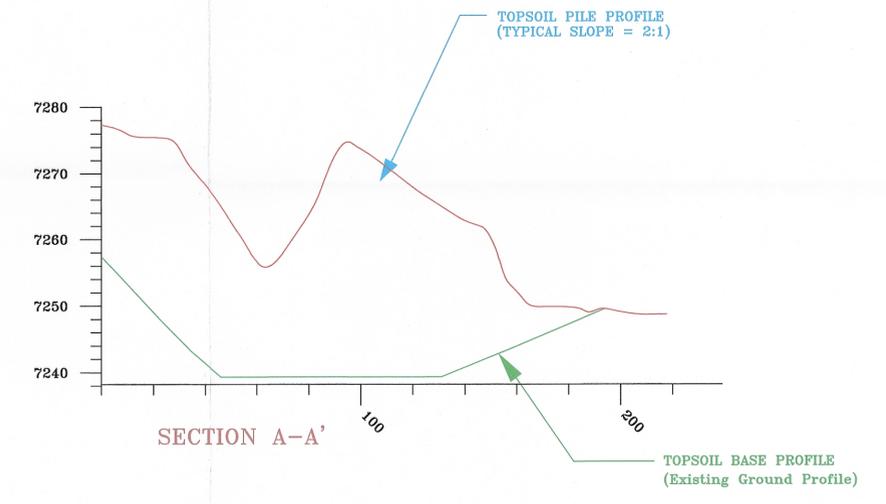
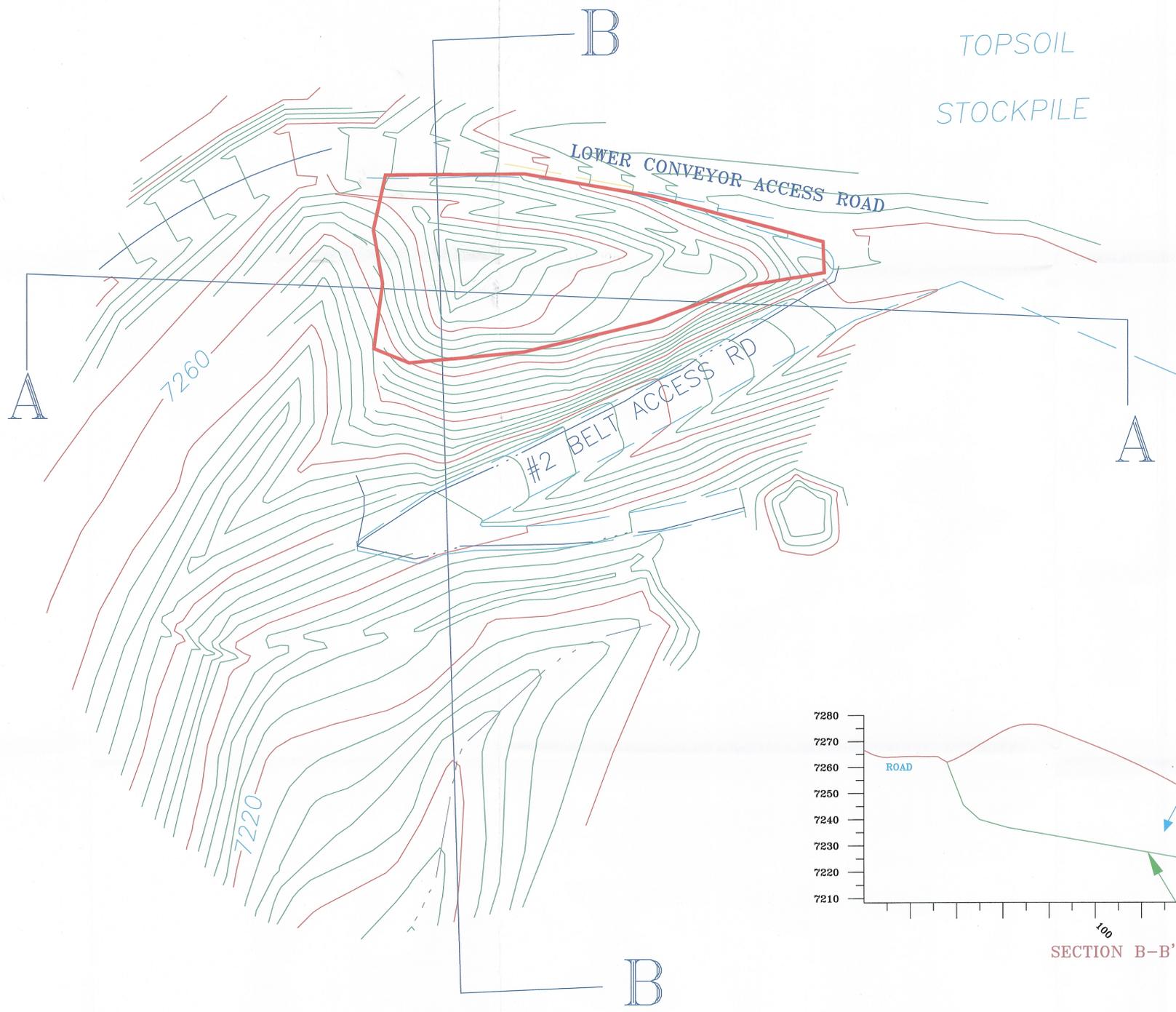
Lower Conveyor Access Road  
Cut and Fill Volumes

Station	Const. Vol. (Cu yds)		Cum. Vol. (cu yds)	Reclaimed Vol. (cu yds)		Cum. Vol. (cu yds)
	Fill (-)	Cut (+)		Fill (-)	Cut (+)	
-1+00	0	0	0	0	0	0
0+00	101	13	-88	13	101	88
1+00	94	26	-156	26	94	156
2+00	411	132	-435	13	411	435
3+00	730	266	-899	550	730	615
4+00	0	1,070	171	821	0	-206
5+00	0	1,143	1,314	731	0	-937
6+00	0	674	1,988	674	0	-1,611
Topsoil	<b>1,669</b>	----	<b>319</b>	---	<b>1,669</b>	<b>58</b>
Total	<b>1,336</b>	<b>3,324</b>	<b>319</b>	<b>2,947</b>	<b>1,336</b>	<b>58</b>

\*150 cubic yds. moved for #2 Belt access road. Still within the same pile. No cut & fill Vol.

There is an estimated topsoil volume of 1,669 cu yds which will be salvaged during construction of this road. This topsoil will be stored in the storage area adjacent to the road, as shown on Plate 5-2F. 150 cubic yards of this top soil pile will be moved to construct the #2 belt access road. All 150 cubic yards will be moved within the same pile Plate 5-2F shows this access road and updated contours of the Wild Horse Ridge stockpile. Upon reclamation, this area will also be reclaimed as close as possible to the pre-mining configuration.

Figure 5J-2 shows the locations of cross-sections for the Upper Conveyor Access Road. The cut and fill material for this area has been balanced to avoid hauling material to other areas. This area will also be reclaimed as close as possible to the pre-mining configuration, so the proposed post-mining cross-sections have been represented by the pre-mining cross-sections. The representative volumes for each cross-section are shown in Table 5J-3. An estimated topsoil volume of 2,171 cu yds will be salvaged during construction of the road. The topsoil will be hauled to the storage area shown on Plate 5-2F.



BERM TYPICAL  
SCALE: 1" = 2'

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NOTE: SEE SECTION 8.9.6 FOR TOPSOIL STOCKPILE DESCRIPTION  
SEE SECTION 8.8.2.3 FOR TOPSOIL PROTECTION PLAN

REV.	DATE	REMARKS	APPR.
1	8/01/02	Changed name from plate 8-7 to 2-2B.	12/6/05
2	5/09/16	Revised topsoil pile & road	
3			
4			
5			
6			
7			
8			
9			
10			

**CO-OP MINING CO.**  
HUNTINGTON, UTAH

**WHR TOPSOIL STOCKPILE**

SCALE: 1" = 20'    DRAWN BY: C. Reynolds    DATE: 6-25-01

BEAR CANYON    PLATE 2-2B

# CO-OP MINING CO.

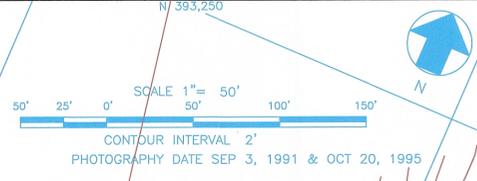
HUNTINGTON, UTAH

## SURFACE FACILITIES

SCALE: 1" = 50'    DRAWN BY: C. Reynolds    DATE: 6-25-01

BEAR CANYON    PLATE 5-2F

REV.	DATE	REMARKS	APPR.
1	6/25/01	WHR surface facilities added (SR98-1)	7/03/01
2	8/01/02	Changed name from 2-4F to 5-2F	12/8/05
3	5/09/16	Revised topsoil pile & road	
4			
5			
6			
7			
8			
9			
10			



LEGEND	
PERMIT BOUNDARY	-----
DISTURBED AREA	-----
PRE-1977 DISTURBANCE	-----
CULVERTS	==><==
CONTOUR LINE	~ 6900 ~
UNPAVED ROADS	==><==
SECTION LINE	-----
SEE PLATES 7-1 FOR HYDROLOGY	
PAVEMENT	-----
WATER LINES	-----
DRAINAGE	-----
POWER POLES	⊗ ⊗ ⊗
STREAM BUFFER ZONE MARKERS	⊗



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