

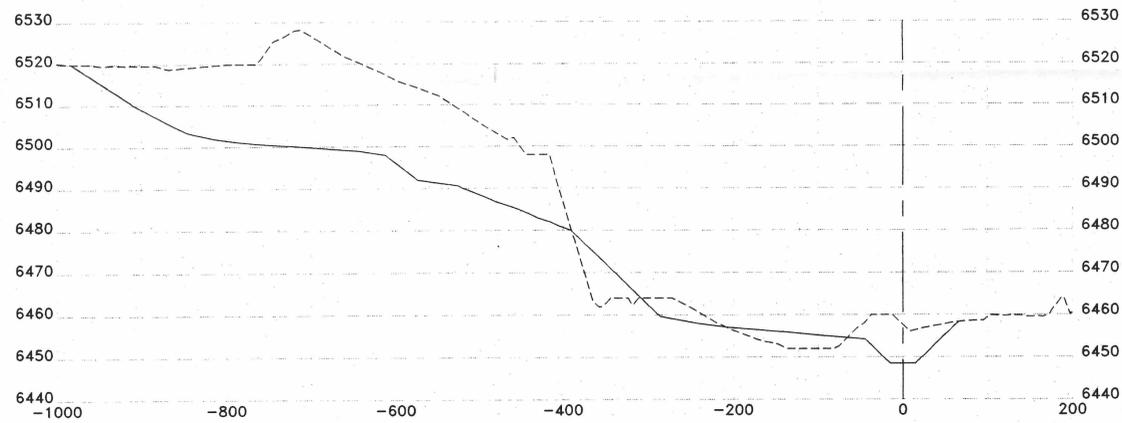
**SOUTHWEST DIVERSION CHANNEL PROFILE**

**NOTES:**

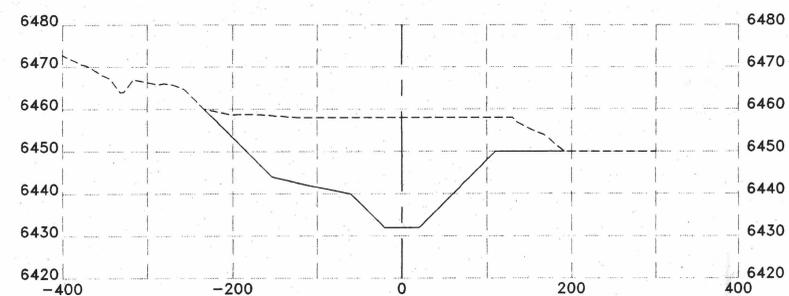
1. EXISTING TOPOGRAPHY SHOWN ON THE PROFILE IS THE APPROXIMATE TOPOGRAPHY FOLLOWING COMPLETION OF MINE SPOILS BORROW UNDER AML PROJECT #16B-II.
2. CONTRACTOR SHALL EXCAVATE THE SOUTHWEST DIVERSION CHANNEL NORTH OF THE LINE DESIGNATED ON SHEET 8 ONLY AFTER THE AML PROJECT 16B-II CONTRACTOR HAS COMPLETED WORK ON THE ANC SPOIL PILE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. ENGINEER SHALL DIRECT CONTRACTOR AS TO MANNER AND LOCATION FOR PLACEMENT OF UNSUITABLE MATERIAL.
4. CONTRACTOR SHALL BE AWARE THAT OLD MINING DEBRIS (METAL, WOOD, TIRES, ETC.) MAY BE ENCOUNTERED DURING EXCAVATIONS. THESE MATERIALS WILL BE DISPOSED OF AT THE DIRECTION OF THE ENGINEER AT NO COST TO THE OWNER. ANY POTENTIALLY HAZARDOUS SUBSTANCE UNEARTHED SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
5. THE EXACT LOCATIONS OF EROSION CONTROL DITCHES AND BALE CHECKS WILL BE DETERMINED IN THE FIELD AND STAKED BY THE ENGINEER.

BASE MAPPING PROVIDED BY HORIZONS, INC., RAPID CITY, S.D. (1996) AND SUPPLEMENTED WITH HORIZONS (1987).

CONTOUR INTERVAL = 2.



**SOUTHWEST DIVERSION CHANNEL CROSS SECTION AT STA 2+50**



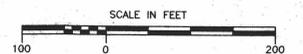
**SOUTHWEST DIVERSION CHANNEL CROSS SECTION AT STA 19+00**

**LEGEND:**

- EXISTING GRADE LEFT BY AML
- PROPOSED GRADE FOR CHANNEL



HORIZONTAL SCALE: . . . . . 1"=100'  
 VERTICAL SCALE: . . . . . 1"=20'  
 (5 TIMES VERTICAL EXAGGERATION)



NO.	DESCRIPTION	BY	CHKD.	APPROVED	DATE
1	PRELIMINARY DESIGN	RDP		KJB	11/95
2	SUBSTANTIAL DESIGN	RDP		KJB	3/96

DRAWING NO.	DRAWING TITLE
8	ANC SPOILS GRADING PLAN

ENGINEERING RECORD	BY	DATE
HYDROLOGY	MKR	2/96
CHANNEL DESIGN	KJB	2/96

PREPARED BY  
  
 engineering planning surveying  
 P.O. BOX 1007 857-0007  
 3008 WESTLAND ROAD  
 CHEYENNE, WY 82001  
 SHEPHERD MILLER  
 INCORPORATED

PREPARED FOR  
**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**LAND QUALITY DIVISION**

TITLE SOUTHWEST DIVERSION, PROFILE AND CROSS SECTIONS			
PROJECT: 04-428	DATE: MAR 20, 1996	DRAWING: 16	REVISION: 016
SCALE: 1" = 100'	ROAD FILE: SW-PROF		