CO-OP MINING CO.

HUNTINGTON, UTAH

HYDROLOGY MAP

SCALE:	DRAWN BY:	DATE:
1" = 50'	C. Reynolds	7/17/91

BEAR CANYON | PLATE 7-1C

REV.	DATE	REMARKS	APPR.
1	11/16/92	TIPPLE EROSION PROPOSAL ADDED (92P)	12/04/92
2	7/08/93	Coal Storag Pad & Outslope Cleanup (93D)	9/14/93
3	7/12/93	Hoist Rd. Redesignated/Surface Fac. Updated (93E)	9/16/93
4	10/05/93	D-13D Added/AD-8 Revised (93K) (NOV 5-1,6-1)	10/28/93
5	12/06/93	Antifreeze Storage Tank Added (93O)	12/17/93
6	10/22/93	Tank Seam Access Road Added (93B)	7/22/94
7	8/01/94	Lamphouses Removed/Portal Pad Recontoured	8/17/94
8	8/24/94	Showerhouse, Waterline/Tower Structure Added (94C)	10/19/94
9	1/05/95	BTCA Area "E", Silt Fence Relocated	1/26/94
10	5/30/95	Tipple Structure Expansion/Pad Cuts & Corrections	

DRAFT

LEGEND

PERMIT BOUNDARY		CONTOUR LINE	6980	UNDISTURBED DRAINAGE	D-2U
DISTURBED AREA		WATER LINES	W	DISTURBED DRAINAGE	D-2D
PRE-1977 DISTURBANCE		SECTION LINE		DRAINAGE BOUNDARY	
CULVERTS		SEE PLATES 2-4 FOR SURFACE FACILITIES		SEE PLATE 7-5 FOR COMPLETE WATERSHED MAP	

REFER TO TABLES 7.2-10 AND 7.2-11 FOR DITCH AND CULVERT SPECIFICATIONS

SCALE 1" = 50'

CONTOUR INTERVAL 2'

PHOTOGRAPHY DATE NOV. 11, 1990

MATCH LINE D-D

MATCH LINE C-C

MATCH LINE B-B'

AU-2D AU-1A AU-4 AU-5 AU-6 AU-7 AU-11 AU-12 AU-13 AU-16

AD-1A AD-1B AD-2A AD-2B AD-2C AD-3A AD-3B AD-4 AD-5 AD-6 AD-7 AD-8 AD-9 AD-10 AD-11 AD-12 AD-13 AD-14

D-15U D-1U D-2U D-1D D-2D D-7U D-3D D-5D D-6D D-7D D-8D D-9U D-10D D-12D D-13D D-14D

C-1U C-2U C-2D C-5D C-6D C-7D C-8D C-9D C-10D C-12D

B.T.C.A. AREA "A" INTERIM REVEGETATION 1991

B.T.C.A. AREA "B" INTERIM REVEGETATION 1991

B.T.C.A. AREA "C" INTERIM REVEGETATION 1991

B.T.C.A. AREA "D" INTERIM REVEGETATION 1991

B.T.C.A. AREA "E" INTERIM REVEGETATION 1991

B.T.C.A. AREA "F" INTERIM REVEGETATION 1991

B.T.C.A. AREA OF TOPSOIL STOCKPILE

STORAGE AREA

SILT FENCE

PRIMARY ROAD

PRIMARY PORTAL ACCESS ROAD

PRIMARY TIPPLE ACCESS ROAD

5000 GAL. WATER TANK

PORTAL HAWATHA 1986

UNDERGROUND PORTAL

UNDERGROUND TANK

CATTLE CO. ROAD (PUBLIC ACCESS)

GATE

RETAINING WALL

CATCH BASIN

WATER TANK

LEACH FIELD

CULINARY WATER OVERFLOW

PRIMARY SHOP ROAD

FUEL TANKS & BERM

RIP RAPPED CHANNEL

UPDES DISCHARGE POINT 004

TRUCK LOADING

TEMPORARY SEDIMENT STORAGE

COAL SPRAY TANKS & BERM

COAL STORAGE AREA & SEDIMENT POND WASTE AREA

NOTE: ROAD IS ON BEDROCK AND IS IMPERVIOUS

15" FLEXIBLE DOWNSPOUT

CATCH BASIN

LUMP COAL STORAGE AREA

CEMENT PAD W/RETAINING WALL

BEAR CREEK

TANK

SILT FENCES

INTERIM REVEGETATION 1991

N 392,250 N 392,500 N 392,750 N 393,000 N 391,500 N 391,750

E 2,114,000 E 2,114,250 E 2,114,500 E 2,114,750 N 392,000 N 391,250 E 2,113,750