WATERSHED A
1.1 acre
10 24hr SCS Type II Storm
Curve Number = 89
Runoff = 0.06 ac ft

WATERSHED B
10.6 acres
10 yr 6 hr SCS Type II Storm
Curve Number = 89
Runoff = 0.43 ac ft

BURNS PASS ROAD

YAZZIE SKYLINE ROAD

YAZZIE RAMP 4

SILT FENCE

A'

A

PLUNGE POOL

CULVERT

LEGEND

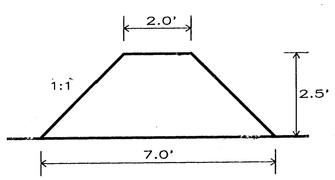
- ROAD
- BUILDING
- IRRIGATION LINE
- CULVERT
- DRAINAGE
- WATERSHED BOUNDARY
- 5300 INDEX CONTOUR
- INTERMEDIATE CONTOUR
- BERM
- SILT FENCE
- PLUNGE POOL

1	
3	2
5	4
7	6
9	8
11	10
13	12

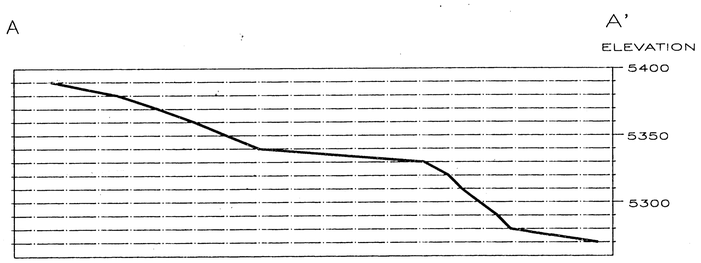
N

100 0 100 200

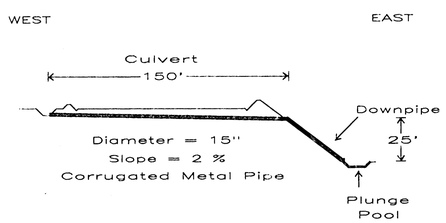
CONTOUR INTERVAL: 10'



TYPICAL BERM



CROSS SECTION



CULVERT

I, Ron Van Valkenburg, hereby certify that the design information displayed on this exhibit is accurate and meets the performance standards for miscellaneous flows in 30 CFR 816.43.

RON C. VAN VALKENBURG NEW MEXICO 12637 REGISTERED PROFESSIONAL ENGINEER 9-9-93

RON C. VAN VALKENBURG NEW MEXICO 12637 REGISTERED PROFESSIONAL ENGINEER

EXHIBIT II-52

DESIGN

REV. NO.	DATE	REVISIONS	APPROVALS: DRAFT BY	ENGR.	FIELD WOR.	CH REF ENGR.
1	9/8/93	Change exhibit no. to Exhibit II-52	JG			

BHP MINERALS INTERNATIONAL INC.
NAVAJO MINE
FRUITLAND, NEW MEXICO

NE HOSTEEN OUTSLOPES
HYDROLOGY

DRAWN BY DLH | SCALE 1"=100'
APPROVED BY RCV | DATE 6/18/93
DRAWING NO | LOCATION NO