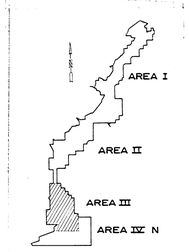
INDEX MAP



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EXPLANATION

- DRILL HOLE LOCATION
- 5280 — TOP OF COAL SEAM STRUCTURE CONTOURS (CONTOUR INTERVAL = 10 FEET).
- 50' — OVERBURDEN ISO-PACH LINES (ISO-PACH INTERVAL = 10 FEET).
- MINIMUM MINABLE COAL QUALITY LINE (6,000 BTU).
- COAL SEAM BURN LINE.
- COAL SEAM SPLIT LINE (BARBS POINT TOWARD SPLIT AREA WHERE ROCK PARTING IS GREATER THAN 1 FOOT THICK).
- COAL SEAM PINCH-OUT LINE (ARROWS POINT TOWARD AREA WHERE COAL SEAM IS LESS THAN 2 FEET THICK).
- COAL MINED OUT AS OF DECEMBER 16, 1977.
- AREA 3 AND AREA 4 MINING BOUNDARY.
- 50', 60', 5240, 70 — OVERBURDEN TO TOP OF SEAM; TOP OF SEAM CONTOUR

I, BOB WOFFORD, HEREBY CERTIFY THAT THIS DRAWING WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BOB WOFFORD
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
No. 7016
9-16-93

JUSTIN S. TEUTH
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

EXHIBIT 5-23

BHP-MINERALS INTERNATIONAL

NAVAJO MINE

FRUITLAND, NEW MEXICO

AREA III

SEAM 6a

TOP OF SEAM STRUCTURE AND ISO-OVERBURDEN MAP

REV. NO.	DATE	REVISIONS	APPROVALS: DRAWN	CHIEF ENGINEER	PROJECT ENGINEER
1	1-1-92	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4					
5					

DRAWN BY: U. DAY | SCALE: 1" = 500' | CONTINT.:

APPROVED BY: | DATE: [illegible] | DRAWING NO.: | LOCATION NO.: SEAM