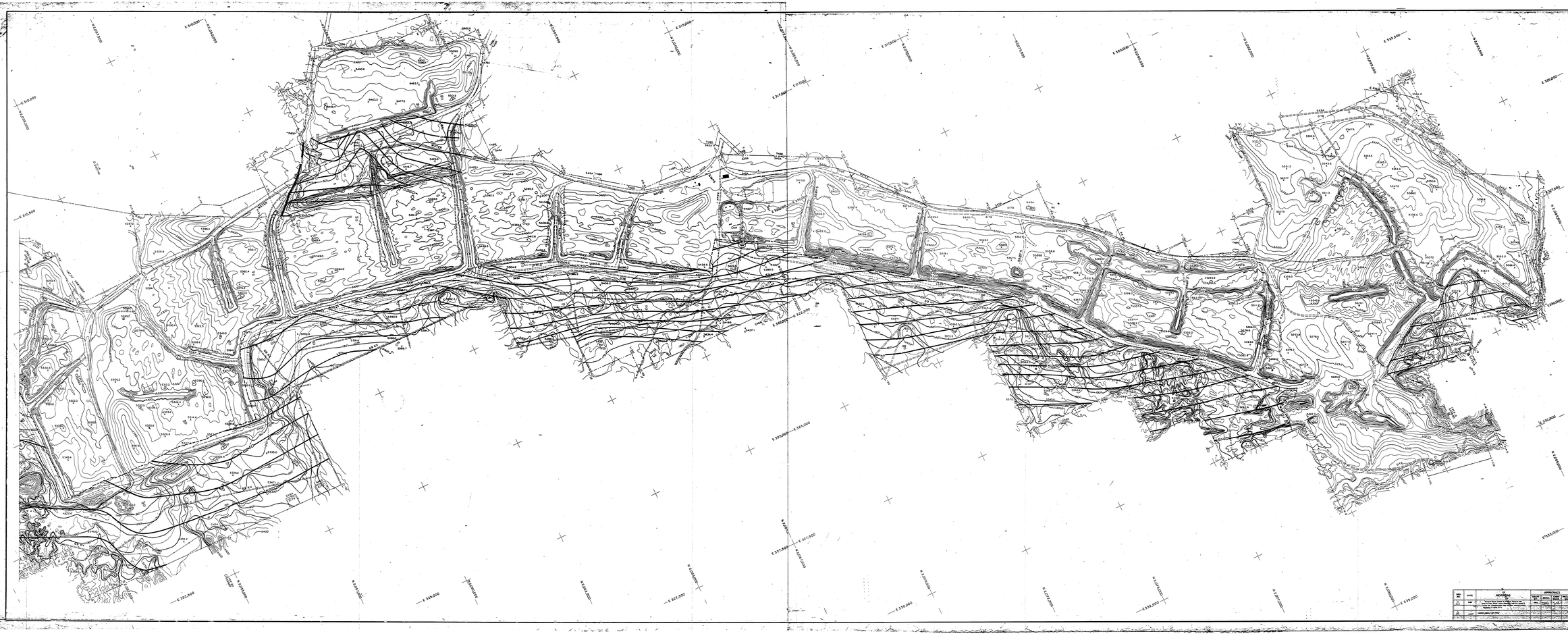

INDEX MAP

AREA I

AREA II

AREA III

AREA IV N

EXPLANATION

- DRILL HOLE LOCATION
- 5280 — TOP OF COAL SEAM STRUCTURE CONTOURS (CONTOUR INTERVAL : 10 FEET)
- 50 — OVERBURDEN ISOPACH LINES (ISOPACH INTERVAL : 10 FEET)
- MINIMUM MINEABLE 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
- COAL LEASE BOUNDARY

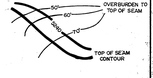

EXHIBIT 5-33

BHP MINERALS INTERNATIONAL

FRUITLAND, NEW MEXICO

SEAM "8b"
TOP OF SEAM STRUCTURE
AND ISO-OVERBURDEN MAP

NO.	DATE	REVISIONS	APPROVALS			
			DRAFT	ENGR.	CHIEF ENGR.	PROJECT MGR.
1	1987	REVISED TOP OF COAL SEAM STRUCTURE CONTOURS AND ISO-OVERBURDEN MAP TO REFLECT CURRENT MINE PLAN				
2		TRANSFER TO MYLAR				
3						
4						
5						

DRAWN BY: L. DAN | SCALE: 1"=500' | EXHIBIT: 5-33
APPROVED BY: | DATE: | DWG. NO.:
APPROVED BY: | DATE: | FILE/ITEM NO.: