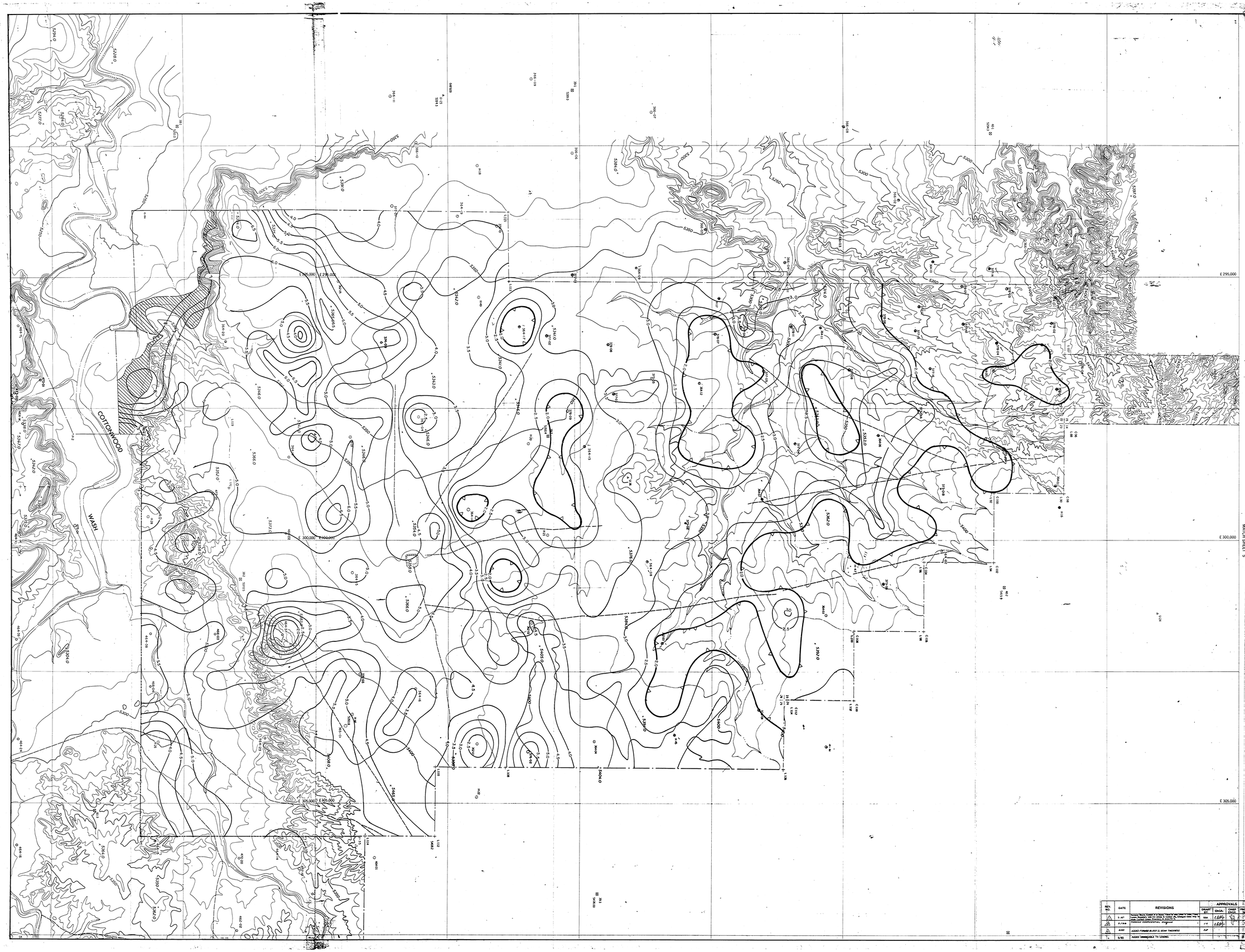

N

500 0 FEET 500 1000 1500

CONTOUR INTERVAL = 10 FEET

EXPLANATION

- 0 — DRILL HOLE LOCATION
- —8.0— COAL SEAM ISOPACH LINE (ISOPACH INTERVAL : 0.5 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
- AREA 3 AND AREA 4 MINING BOUNDARY.
- UNMINEABLE COAL

RON C. VAN VALKENBURG NEW MEXICO 8894 REGISTERED PROFESSIONAL ENGINEER

I, Ron Van Valkenburg, hereby certify changes on this drawing since the previous certification are accurate to the best of my knowledge.

9-12-85

INDEX MAP

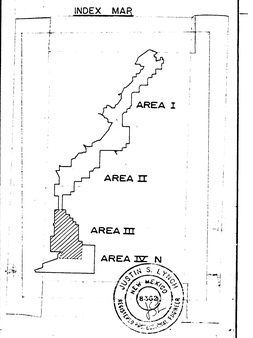

EXHIBIT 5-17a

BHP MINERALS INTERNATIONAL

NAVAJO MINE

FRUITLAND, NEW MEXICO

SEAM 3

THICKNESS MAP

REV. NO.	DATE	REVISIONS	DRAWN BY	APPROVALS ENGR.	CHIEF ENGR.	PROJECT MGR.
1	5-187	Revised Mining Limit & Burn Boundary, New Lease & Lease Changes, Added Fire Area & Corrected Mr. Changes since last rev.	GRA	CBP		
2	9-1-84	Revised Mining Limit, Burn Boundary, Added Fire Area, Revised Isopachs, Added Lease	JK	CBP		
3	4-1-85	ADDED FORMER BLOCK 12 SEAM THICKNESS	RVP			
4	9/85	ADDED UNMINEABLE TO LEGEND				

DRAWN BY L. DAN	SCALE 1" = 1000'	EXHIBIT:	
APPROVED BY	DATE: DEC. 1984		
	LOCATION NO.		