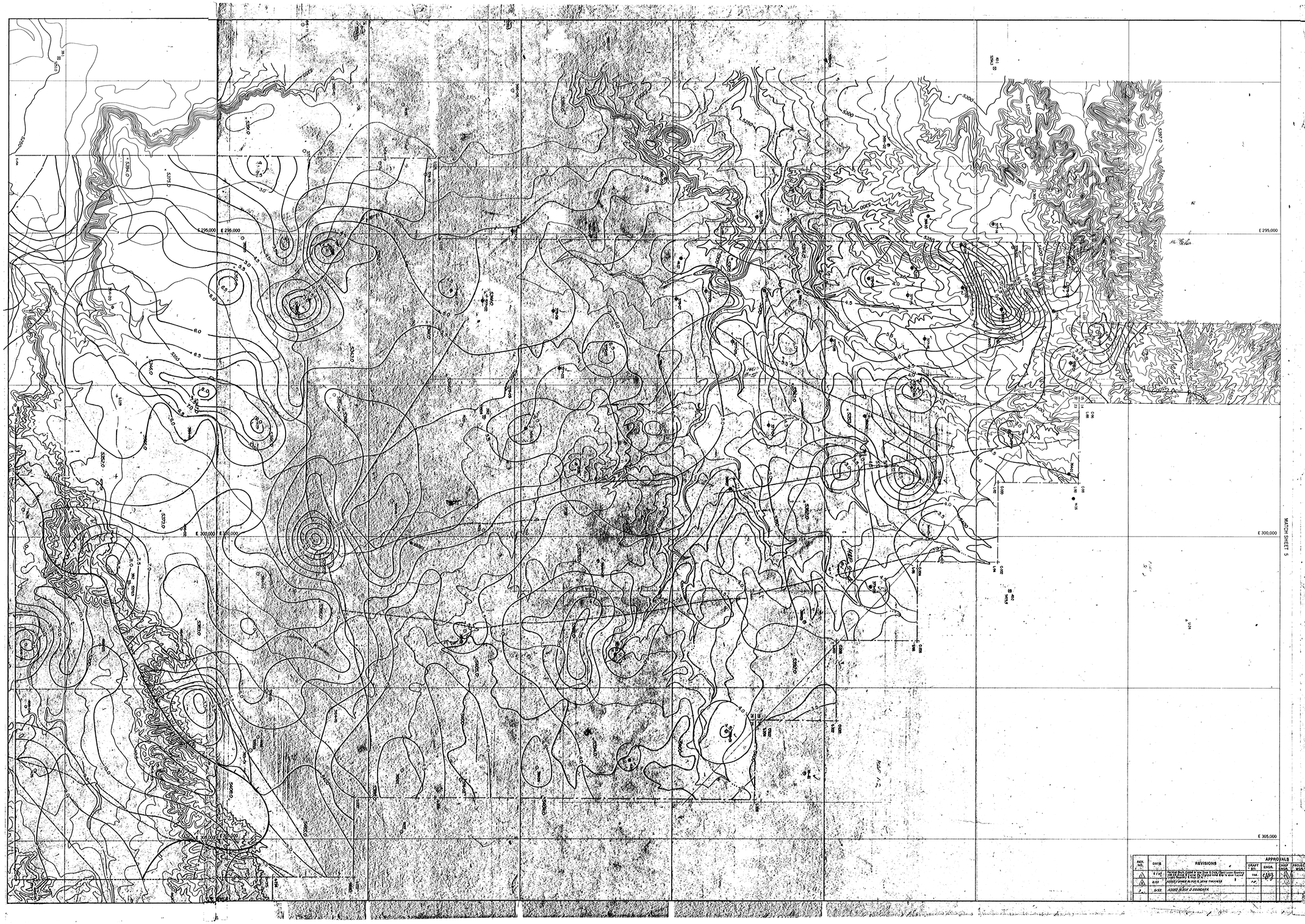
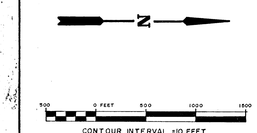


REV. NO.	DATE	REVISIONS	APPROVALS: DRAFT BY	ENGR.	CHIEF ENGR.	PROJECT MGR.
1	1/14	REVISED BASED ON NEW DATA & CORRECTED ISOPACH CONTOURS & ADDED NEW ISOPACH LINE TO SHOW 2.5 FOOT THICKNESS	TVB			
2	6/23	ADDED 2 OTHER BLOCK & SEAM THICKNESS				
3	5/22	ADDED AREA 3 & 4 BOUNDARY				



CONTOUR INTERVAL = 10 FEET
DAS JOB NO. 4619

EXPLANATION

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

I, Ron Van Valkenburg, hereby certify that this map is a true and correct representation of the data showing since the previous certification and accurate to the best of my knowledge.

RON VAN VALKENBURG NEW MEXICO PROFESSIONAL ENGINEER 9367

INDEX MAP

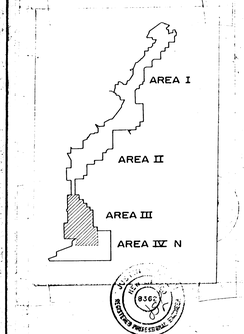


EXHIBIT 5-15a

BHP MINERALS INTERNATIONAL
NAVAJO MINE
FRUITLAND, NEW MEXICO

AREA IIIA
SEAM 2b THICKNESS MAP

SAN JUAN COUNTY, NEW MEXICO

DRAWN	SCALE 1" = 200'	EXHIBIT	5-15
	DATE Dec 1976		
	LOCATION NO.		