CONTOUR INTERVAL = 10 FEET
DAS JOB NO 4619

500 0 FEET 500 1000 1500

EXPLANATION

- o 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

RON C. VAN VALKENBURG NEW MEXICO 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.

INDEX MAP

AREA I
AREA II
AREA III
AREA IV N

JUSTIN S. LYNCH NEW MEXICO 8302 REGISTERED PROFESSIONAL ENGINEER

EXHIBIT 5-30a

BHP MINERALS INTERNATIONAL

NAVAJO MINE

FRUITLAND, NEW MEXICO

AREA II
SEAM 8a THICKNESS MAP

SAN JUAN COUNTY, NEW MEXICO

REV. NO.	DATE	REVISIONS	DRAFT BY	ENGR.	CHIEF ENGR.	PROJECT MGR.
1	5/87	Revision Block, Exhibit # in Block, Filled in who Drew & Date, Fixed Lease Boundary with EQ Areas & Corner #s, Changed Index Map to show Correct Lease Boundary & Area "II"	GGA		[illegible]	
2	9/93	ADDED BLOCKS A,B AND C TO BOUNDARY				

DRAWN BY: L. DAN	SCALE: 1" = 500'	EXHIBIT:	
APPROVED BY:	DATE: AUG., 1987		
DRAWING NO:		LOCATION NO:	