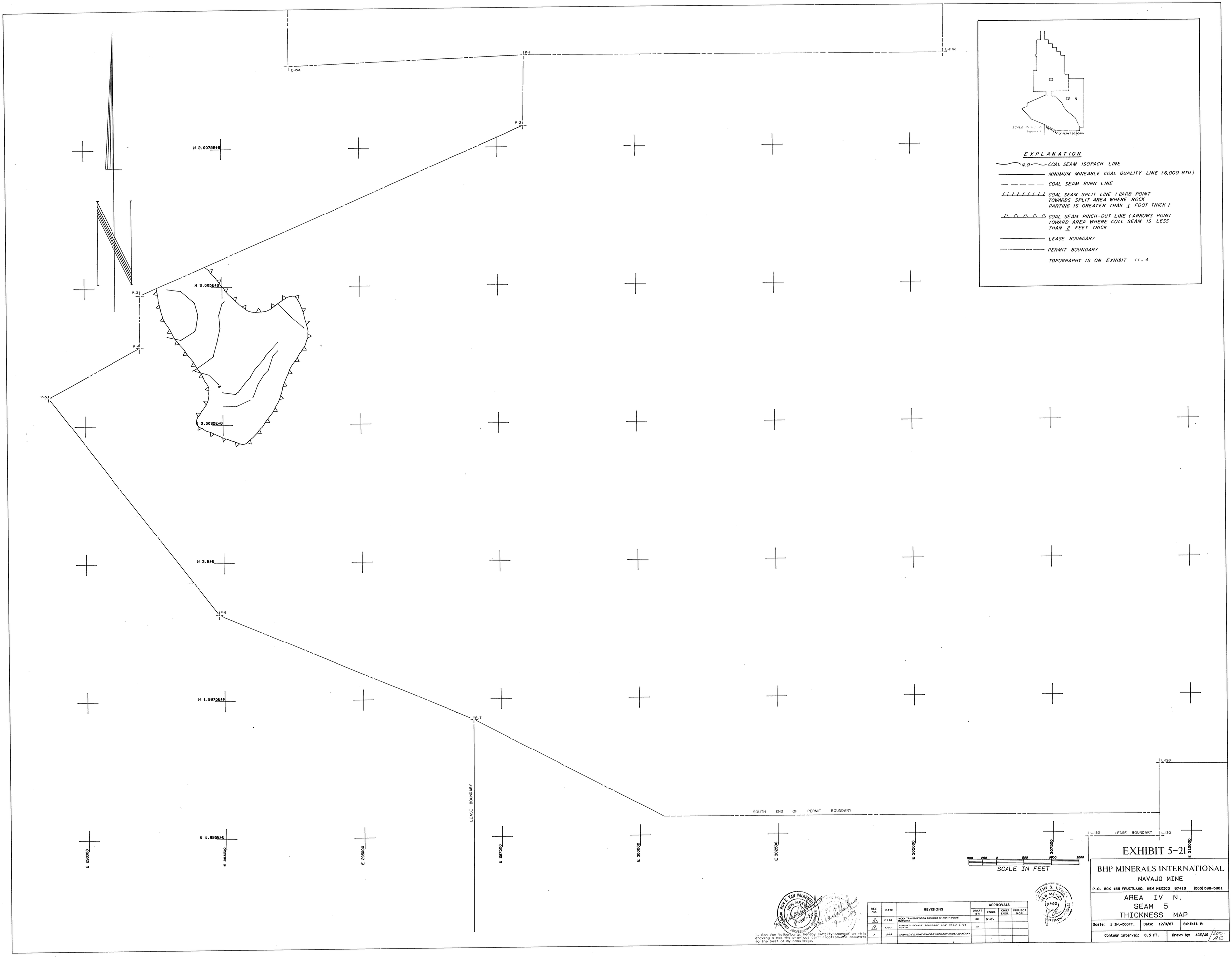
E-15A
P-1
L-114c
P-2
N 2.0075E+6
N 2.005E+6
P-3
P-4
P-5
N 2.0025E+6
N 2.E+6
P-6
N 1.9975E+6
P-7
N 1.995E+6
LEASE BOUNDARY
SOUTH END OF PERMIT BOUNDARY
L-128
L-132
LEASE BOUNDARY
L-130
E 290000
E 292500
E 295000
E 297500
E 300000
E 302500
E 305000
E 307500
E 310000
500 250 0 500 1000 1500
SCALE IN FEET
III
IV N
EXPLANATION
4.0 COAL SEAM ISOPACH LINE
MINIMUM MINEABLE COAL QUALITY LINE (6,000 BTU)
COAL SEAM BURN LINE
COAL SEAM SPLIT LINE (BARB POINT TOWARDS 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
LEASE BOUNDARY
PERMIT BOUNDARY
TOPOGRAPHY IS ON EXHIBIT 11-4
I, Ron Van Valkenburg, hereby certify changes on this drawing since the previous certification are accurate to the best of my knowledge.
RON E. VAN VALKENBURG
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
9-20-93
9-10-93
REV. NO. | DATE | REVISIONS | APPROVALS: DRAFT BY | ENGR | CHIEF ENGR | PROJECT MGR
1 | 2/88 | HOBER TRANSPORTATION CORRIDOR AT NORTH PERMIT BOUNDARY | GB | RWB
2 | 5/93 | REMOVED PERMIT BOUNDARY LINE FROM L-128 NORTH | JB
3 | 9.93 | CHANGED CO. NAME TO WESTMORELAND NORTHERN PLANET BOUNDARY
EXHIBIT 5-21
BHP MINERALS INTERNATIONAL
NAVAJO MINE
P.O. BOX 155 FRUITLAND, NEW MEXICO 87416 (505) 598-5851
AREA IV N.
SEAM 5
THICKNESS MAP
Scale: 1 IN.=500FT.
Date: 12/3/87
Exhibit #:
Contour interval: 0.5 FT.
Drawn by: ACE/JB
100
A5