DONALD H. BOGDANSKI
04-006-109

DONALD H. BOGDANSKI
2981

SURF. ELEV. 1037.14
COAL ELEV. 753.62
MINEABLE HT. 52.25

DEGREE ANGLE OF DRAW

50% MINING

NO MINING

D-MAINS

AZIMUTH 107° 45'

AZIMUTH 104° 26'

AZIMUTH 28° 26'

78°20'

DONALD H. BOGDANSKI
04-006-109

*NOTE*
STREAM CROSSING
ALL ENTRIES TO BE MINED AT A NOMINAL WIDTH OF 18' FEET, EXCEPT BELT/TRACK ENTRIES WHICH ARE TO BE MINED AT A 22' FOOT NOMINAL WIDTH.

DONALD H. BOGDANSKI
04-006-109

DONALD H. BOGDANSKI
04-006-109

M. HOOD HILL
04-008-100

50% MINING

PILLAR PERMIT
37-063-32003-B
1019.59

1282.93

61A
61B
61C
61D
61E

SURF. ELEV. 1038.44
COAL ELEV. 725.99
MINEABLE HT. 57.50

INDD2071

UNNAME

# HELVETIA COAL COMPANY

ENGINEERING / ENVIRONMENTAL COMPLIANCE DEPARTMENT

| | |
|---|---|
| Operation: LUCERNE NO. 6 EXTENSION MINE | Permit No: C.M.A.P. 32851302 |
| Township: CENTER & BLACKLICK | County: INDIANA |
| Coal Seam: UPPER FREEPORT | Geologic Group: ALLEGHENY |

## EXHIBIT 18.2 (i-3)
## STEWART RUN STREAM CROSSING
## SUPPORT PLAN (D-MAINS)

Date Revisions

SEAL
COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
DAVID ALAN COBAUGH
No: 31034E

Date: APR 14 1998

Scale: 100'

Approved By: Date: APR 21 1998

RECEIVED
Dept. of Environmental Protection
McMurray District Office

Drawing No: