



LEGEND

GAS WELL	PERMIT BOUNDARY	PROTECTED AREA - SUBSIDENCE 65' ANGLE OF DRAIN
WATER WELL	SUBSIDENCE CONTROL PLAN BOUNDARY	BRIDGE
SPRING	NO MINING ZONE	DEPTH OF COVER LINE
POND/IMPOUNDMENT	DEPTH OF COVER LINE - PRIOR DEEP AND SURFACE MINING	PROTECTED AREA - SUBSIDENCE 65' ANGLE OF DRAIN - BRIDGEHOLE (WIDE OPENING)
PERENNIAL STREAM	DEPTH OF COVER LINE - PRIOR DEEP AND SURFACE MINING - BRIDGEHOLE (WIDE OPENING)	DRILL HOLE
INTERMITTENT STREAM	PIPELINE/UNDERGROUND CABLE - ELEV. 611 OF 100' LABELLED	CULVERT
PIPELINE/UNDERGROUND CABLE - ELEV. 611 OF 100' LABELLED	PROPERTY LINE	STRUCTURES (RESIDENTIAL)
POWER LINE - 100' LINE OF SIGHT	COAL CONTOUR LINE	STRUCTURES (OTHER)
COAL CONTOUR LINE	CROP LINE	SWAMP/MARSH
2.5 L FAULT OF LOW COAL LINE	BACKGROUND GROUNDWATER SAMPLE PT	DITCH - 50' SPACING
STATE ROAD	EXISTING GROUNDWATER MONITORING PT	DITCH - 100' SPACING
TOWNSHIP ROAD	BACKGROUND SURFACE SAMPLE PT	DITCH - 200' SPACING
UNIMPROVED ROAD	SURFACE WATER MONITORING PT (WETLANDS & GROUNDWATER)	DITCH - 400' SPACING
	P.W.S. PUBLIC WATER SUPPLY	COAL REFUSE PILE
	CURRENT MINING	CEMETERY
	SURFACE PERMIT AREA	

NOTES:

1. 20' SURFACE CONTOUR INTERVAL.
2. THE ACTIVE MINING SHOWN IS CURRENT TO 4-30-95.

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 19.2
ENVIRONMENTAL RESOURCES MAP

Date: OCT 27 1998	Date: APRIL 14, 1998
Scale: 1" = 400'	Approved By / Date:
North	Drawing No: SHEET No. 1

MATCH TO SHEET No. 2