N 390,000 N 391,000 N 392,000 N 393,000 N 394,000 N 395,000 N 396,000 N 397,000 N 398,000 N 399,000 N 400,000

E 2,171,000 E 2,172,000 E 2,173,000 E 2,174,000 E 2,175,000

FAULT

FAULT UP 150-200'

FAULT UP DOWN

FAULT

DOWN UP 20'

UP 150-200'

DRILLHOLE 0.2 GPM

DH-1A

SUMP

DRILLHOLE 0.2 GPM

DH-4

HORIZONTAL DRILLHOLE 0.1 GPM

LOW COAL AREA

SUMP

4"

DH-2

SECONDARY MINE SUPPLY SUMP

CULINARY FLOW METER

CULINARY SUMP

WATER AREA

SEEPERS & DRIPPERS 85 GPM

PRIMARY MINE SUPPY SUMP

SBC-9

SUMP SUMP SUMP SUMP SUMP

SBC-13

WATER FLOWING FROM GOB 50 GPM

6" & 2"

6" & 2"

UP DOWN 4' FAULT

FAULT

5' OFFSET

FLOW METER

23 24 14 13

N

LEGEND

MINE WORKINGS

PILLARED AREA

FAULT

STANDING WATER

ROOF DRIPPERS

FLOOR SEEPS

MINE WATER LINE

WATER SAMPLE POINT ★ SBC-9

PERMIT BOUNDARY

COAL OUTCROP

HIAWATHA SEAM STRIKE N. 19° 45' DIP 2.5°

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE 3/29/99 SIGNATURE

LICENSED PROFESSIONAL ENGINEER CHARLES REYNOLDS No. 179670

CO-OP MINING CO.

MINE WATER SURVEY

SCALE	DRAWN BY:	DATE
1" = 500'	C. Reynolds	01-01-99

BEAR CANYON | PLATE 7-10A

RECEIVED MAR 30 1999 DIV. OF OIL, GAS & MINING