CLARKSBURG

1100' WEST TO D.D.H. #156 D-FAULT

1500' WEST TO D.D.H. #152 D-FAULT

600' EAST D.D.H. #190 D-38°

1100 EAST D.D.H. #191 D-4°0'

#155 — NO COAL — 12'-1" LIGHT SANDY SHALE WITH SCATTERED SHALE

#174 — 11'-11" DARK SANDY & SHALY SHALE; COAL 57" (38" BTU)

#168 — 18'-0" LIGHT SHALE & SANDSTONE; 4'-10" DARK SHALY & SANDY ROCK; COAL 28"; COAL & SLATE 4"; SLATY W/ COAL STRKS 52"; COAL 41"

#1411 — 6'-1" SANDY STONE; 6'-3" LIGHT SANDY SHALE; 5'-11" DARK GRAY SHALE STREAKS; COAL 64" (#5 HEAVY BTU)

#157 — 5'-0" SHALE; GRAY LIME SPOTS; 2'-0" DARK GRAY SANDY STONE; 3'-2" DARK SHALY SANDY SHALE; 5'-1" DARK SHALE; 6'-8" LIGHT SHALY SHALE; 3'-9" DARK SLATE; COAL 41"; BINDER 1"; COAL 10"; BINDER 2½"; BONY & COAL 15"; BONY COAL 8" (#5 HEAVY BTU); COAL 68" (#5 HEAVY BTU)

#436 — 1'-0" DARK SHALE; COAL 20" (#5 HEAVY BTU)

#176 — 7'-6" DARK SHALE; COAL 41½"; BINDER 2"; COAL 16"

#333 — 4'-8" DARK SHALE; 10'-9" SAND STONE WITH SHALE STREAKS; COAL 58" (#5 HEAVY BTU)

#248 — 7'-7" LIGHT SANDY SHALE — NO COAL

#1134 — 15'-0" GRAY SANDY SHALE WITH DEEP STREAKS — NO COAL

#1145 — 3'-11" GRAY SANDY SHALE; 2'-6" SHALY SHALE; 1'-8" GRAY SANDY STONE; 1'-10" LIME STONE; COAL 46½"; BINDER 1"; COAL 12½" (#5 HEAVY BTU)

#434 — 6'-0" GRAY SHALE; 7'-6" DARK SHALE; COAL 41½" (#5 HEAVY BTU); CLAY 3½"; BONY COAL 8" (#5 HEAVY BTU)

#1147 — 15'-6" GRAY SANDY SHALE; 6'-8" GRAY TROUGH SHALE; DARK SHALE 2"; COAL 61" (#2 HEAVY BTU)

#1135 — 5'-11" GRAY SHALE; 7'-6" DARK SHALE; COAL 44" (#5 HEAVY BTU); 8'-7" DARK SHALE; COAL 42½" (#5 HEAVY BTU)

#175 — COAL 45½" (#5 HEAVY BTU); BONY COAL 8"

#1136 — 18'-9" DARK SHALE; COAL 45½" (#5 HEAVY BTU); 18'-0" DARK SHALE; COAL 51" (#5 HEAVY BTU)

#1131 — 5'-0" GRAY SHALE; 5'-8" BLACK SHALE; 4'-6" GRAY SHALE; COAL 32"

#1123 — 4'-0" GRAY SHALE; 5'-0" BLACK SLATE; 4'-0" GRAY SHALE; COAL 44" (#5 HEAVY BTU); COAL 36"; BINDER 1"; COAL 8"

#249 — 3'-1" DARK SANDY SHALE; 4'-9" DARK SHALE; COAL 26"

#1122 — 8'-0" BLACK SLATE; 3'-6" BLACK SANDY SHALY SHALE; 3'-6" GRAY SANDY SHALE; COAL 36"; BINDER 1"; COAL 6"

#1130 — 12'-1" DARK SANDY SHALE; COAL 6"

#177 — 4'-1" DARK SHALE; 7'-10" GRAY SANDY SHALE; 2'-6" DARK SANDY SHALE; COAL 40"; BINDER ½"; COAL 13"

#1137 — 10'-0" SAND ROCK & SHALE MIXED; 8'-10" GRAY SAND ROCK; COAL 49" (#5 HEAVY BTU)

#153 — 30'-0" SAND STONE; 5'-8" DARK SANDY SHALE; 1'-8" DARK SHALE; COAL 38"; SHALE 4½"; COAL 9½"; BINDER 1"; COAL 19½" (#5 HEAVY BTU)

#1133 — 3'-4" SAND ROCK; 4'-10" DARK SANDY SHALE; CANNEL COAL 2"; COAL 29"; BONE & COAL 4"; SLATE & COAL 9"; BONE & COAL 3"; COAL 2"; BINDER ½"; COAL 2"; BONY 16" (#5 HEAVY BTU)

#1134 — 8'-3" GRAY SANDY SHALE; 3'-0" DARK SHALE; COAL 35½"; BINDER 1"; COAL 12" (#5 HEAVY BTU); 3'-3"

#970 — 15'-9" DARK SHALE; COAL 35"

#336 — 15'-9" DARK SHALE; COAL 41½"

#1543½ — COAL 41½"

#1542 — COAL 57"

#334 — 7'-2" LIGHT SANDY & SHALE; COAL 39"

#66 — 4'-11" DARK SHALE; COAL 40½"; BONE 3½"

#172 — 15'-6" DARK SHALE; COAL 42" (#5 HEAVY BTU); BINDER 1"; COAL 3"

#1128 — 12'-8" DARK SHALE; 11'-3" DARK SHALE; COAL 25"; BINDER 1"; COAL 18"; COAL 22½"; BINDER ½"; COAL 15"; BINDER ½"; COAL 1½"; BONY COAL 5"

#171 — 25'-0" GRAY SANDY SHALE; 4'-0" DARK SHALE; 4'-3" BLACK SHALE; COAL 15"

#1127 — 1'-10" SAND ROCK; 1'-1" LIGHT SANDY SHALE; 1'-1" COAL; 0" CLAY; 5" COAL; 15" BONY; 7" COAL

#189

#429 — 43" { C-1'-4" SL-1'-3" C-1'0"

HELVETIA COAL CO.
ENGINEERING DEPT., INDIANA, PA.
LUCERNE #9
MADE BY E.S. SCALE 1"=400'
TRACED BY E.N.T. DATE 2-19-71
CHECKED BY NO.

2-19-71
EEV-11-71

CLARKSBURG "D"

2

1"=400'