

CLYST: M TO DK "CHOC" BRN, MOD HD, SUBFIS AND BLKY, NON CALC TO TR DOL, SLTY, SNDY, MICROCARB, MICA, PY. ABUN V THIN (0.5-20MM) SST LAM.

COAL: BIT, BLK W/ MINOR BRNSH-BLK, V HD, DNSE, BRIT, DOM CONCH FRAC W/ MINOR CUBIC FRAC, PY. CRUSH CUTS CLR W/ V PL TRANSP YEL FLUOR.

1898-1982M

SST: UNCONSOL, CLR TO FRSTED AND BRNSH QTZ, V F TO V C GR, ANG TO RND, V PR SRT, OCC FELD AND FELD RELICTS AS LT COLORED CLY. THIS SST TYPE DECREASES W/ DEPTH. V LT BRN OIL STN AND PATCHY DK BRN PYROBIT, CLR CUT AND CRUSH CUT W/ BRT, INTENSE TRANSP CUT AND CRUSH CUT FLUOR, AND A CLR, LT GOLDEN-YEL DES RNG FLUOR.

SST: LT TAN TO WH, V F GR, ANG, MOD PR SRT, MOD SFT AND V FRI, MOD ABUN WH TO TAN NON CALC KAOL MTX, VAR AMNTS OF BLK CARB MAT AS THIN WISPS AND DISSEM PARTICLES, PY, MICA AND GLAUC(?), OCC TR RD-BRN GARNET(?). 10-20% VIS POR. SPOTTY LT BRN OIL STN, CLR CRUSH CUT W/MOD BRT M YEL FLUOR AND A CLR, MOD BRT GOLD-YEL DES RNG FLUOR.

COAL: BLK TO OCC DK BRN, V HD, DNSE, BRIT, CONCH AND CUBIC FRAC, OCC PY. V PL STRW CRUSH CUT W/ A V BRT MOD INTENSE M YEL FLUOR AND TR LT BRN BRT M YEL FLUOR DES RNG.

CLYST: M BRN, MOD HD AND NON FIS TO PRLY FIS, VAR SLTY, SNDY AND MICMICA. CLR CRUSH CUT W/ MOD BRT, MOD INTENSE M TO LT YEL FLUOR W/ A CLR, BRT YEL FLUOR DES RNG.

DOL: LT TO M TAN, EXTR HD DNSE, BRIT, MICRITIC, VAR SLTY AND SNDY OCC GRD TO A DOL SST.

V ABUN FREE MICA BETWEEN 1910-13M, 1928-31M, 1967-76M.

1982-2018M

SST: CLR TO WH QTZ, V C TO M GR, SUBRND TO SUBANG, V PR SRT, COMPLETELY UNCONSOL, OCC INTERLOCK CRM TO TAN ALTERED FELD, OCC WH INTERST CLY. GR SIZE DECREASES W/ DEPTH. 30% VIS POR. QUESTIONABLE TR FNT PL BL-WH DES RNG FLUOR. SST (BEGINS BELOW 1994M): WH TO CRM TO OCC TAN, V F TO F GR, SUBRND, W SRT, MOD HD, W CMT W/ LT COLOR CLY. THIS SAND IS V FNLY BD W/ DKER STRKS OF CARB, ARG BANDS (1MM). 10% VIS POR. OCC GR W/ LT BRN OIL STN GIVING A LT STRW CUT, FST STRMG V BRT AND INTENSE YEL-WH FLUOR W/ A ORNG FLUOR DES RNG.

COAL: BLK, HD, BRIT, CONCH FRAC, OCC PY BLEBS, BLKY. GRDS TO V ORG RICH DK RD-BRN EARTHY SHALE.

V F MICROBDNG OF SST W/ ARG AND CARB MAT NOTED ESPECIALLY BETWEEN 1997-2000M.

2018-2060M

SST: CRM TO OCC TAN, V F TO F GR, SUBRND, W SRT, W CMT W/ CLY, MOD SFT, V F BDS OF ORG MAT W/ ABUN MICA, MOD ABUN DK RD-BRN SFT ORG MAT, OCC SL DOL, OCC FELD, VIS POR 10%.

SST: WH DOM M GR BUT F TO C, SUBANG-SUBRND, MOD PR SRT, CLR TO MLKY QTZ, FRI, INTERLOCK RELICT OF WH-TAN FELD, WH CLY MTX, OCC CARB MAT. VIS POR 20%.