

SST: LT TAN, V F GR, ANG, MOD W TO MOD PR SRT, MOD HD BUT FRI, LT BRN NONCALC TO TR CALC CLY MTX, GD TR BLK MICROCARB AND MICA, TR PY AND MAFICS(?). 10-20% VIS POR. ABUN EVEN V LT BRN RESID OF OIL OF MOD BRT GOLDEN YEL FLUOR W/ CLR CRUSH CUT OF DULL, LT YEL FLUOR LEAVING A CLR DES RNG OF LT YEL FLUOR.

DOL: LT TO DK REDDISH-BRN TO TAN, EXTR HD, DNSE AND BRTL, BLKY FRAC, MICRITIC TO MICROXTLN, RARE TO ABUN V F TO C SLT, RARE DISSEM MICROCARB, V RARE V F MICROPY. NO VIS POR, MIN FLUOR DULL YEL-BRN. CRUSH CUTS CLR W/ LT, MOD BRT YEL FLUOR LEAVING A CLR DES RNG OF LT YEL FLUOR.

COAL: BIT AND SUBBIT, BLK TO BRNSH-BLK, MOD HD, V BRIT, GLOSSY TO SUBMETALLIC AND RESINOUS LSTR, CONCH, LAMELLAR AND BLKY FRAC, TR PY. CRUSH CUTS CLR W/ V BRT AND INTENSE, MOD TRANSP, M GOLDEN-YEL FLUOR LEAVING A CLR DES RNG OF BRT CANARY-YEL FLUOR.

LMST (BELOW 2399M): LT TO M BRN AND TAN, MOTTLED, EXTR HD, DNSE AND BRTL, V F MICROXTLN, RARE TO GD TR V F SNDY AND V F TO C SLTY, RARE V F DISSEM BLK MICROCARB AND V F MICROPY. 0-10% FRAC AND INTERGRAN VIS POR. MIN FLUOR BRT GOLDEN YEL, CRUSH CUTS CLR W/ MOD BRT AND INTENSE LT YEL FLUOR LEAVING A CLR DES RNG OF BRT GOLDEN YEL FLUOR.

SECTION CHARACTERIZED BY ABUN V THIN "VARVE-TYPE" MICROBEDDING ESP BETWEEN SST AND CARB SHALE.

PUMICE: DK "STEEL" GRY, EXTR VESICULAR W/ VIT-METALLIC LSTR, ABUN ELONG VES, TR FILLED W/ WH CALC AND TR ELONG CAPILLARY TUBES, RARE PERLITIC CRACKS, CALC MIN FLUOR V BRT YEL.

2413-2423M

IGNEOUS: MOSAIC OF CRM, WH, CLR, GRY, TAN, BRN, RD-BRN, GRN AND BLK, GLASSY TO CRYPTOXTLN GROUNDMASS OF DOM FELD AND QTZ(?) ENCLOSING PHENOCRYSTS OF TABULAR PLAG, ABUN LT TO M GRN PYROX, DK GRN AMPHIB, RD-BRN BIOTITE, OCC NEEDLES OF APATITE. PLAG HIGHLY ALTERED TO CLYS, CALC AND CHLORITE.

TUFF: CRMY-WH, EXTR HD, DNSE AND BRTL AS A "WELDED" TUFF, V ASHY TEX W/ WELDED MODIFICATION, NONCALC.

2423-2439M

SST: LT TAN, V F TO M GR, ANG, MOD W TO MOD PR SRT, MOD HD BUT EASILY FRI, FRSTED CLR QTZ AND FELD, NON TO TR CALC AND DOL, OCC V THIN LAM OF MICROCARB SHALE. 20% VIS POR. V LT BRN, EVEN OIL STAIN OF MOD DULL YEL-BRN FLUOR, CRUSH CUT CLR W/ LT YEL FLUOR LEAVING A CLR DES RNG OF LT YEL FLUOR.

SHALE: DOM DK "CHOC" BRN W/ABUN DULL GRY-BLK AND TR M TAN, EXTR HD, HIGHLY SIL, HIGHLY FIS, NONCALC, RARE V F SLTY. CRUSH CUTS CLR W/ V LT YEL FLUOR LEAVING A CLR DES RNG OF LT YEL FLUOR.

DOL: DK REDDISH-BRN, EXTR HD, DNSE AND BRTL, MICRITIC, SIL, NO VIS POR.