

2439-2563M

SST: LT TAN TO TAN-WH, V F GR, ANG, MOD PR SRT, MOD SFT AND V FRI, FRSTED TO CLR, BRN AND GRY QTZ AND MINOR FELD, LT TAN TO M BRN NONCALC TO TR DOL CLY MTX, ABUN MICROCARB AND CLY LAM, TR DISSEM MICROCARB. 10-20% VIS POR. CLR CRUSH CUT W/ EXTR BRT, MOD INTENSE, TRANSP, LT YEL FLUOR W/ A CLR DES RNG OF BRT, LT YEL FLUOR.

SST: TAN-WH, V F TO F W/ TR M GR, ANG TO RND, MOD PR SRT, V SFT AND FRI, DOM CLR FRSTED QTZ W/ TR PL GRN CHLORITE(?) AND FELD GRS IN A LT TAN NONCALC TO TR DOL MTX, TR MICROCARB AND MICA. 20-30% VIS POR. LT YEL TO YEL-BRN FLUOR W/CLR CRUSH CUT OF V BRT, INTENSE, MOD TRANSP LT YEL FLUOR AND A CLR DES RNG OF BRT, LT YEL FLUOR.

SHALE: M TO V DK BRN BECOMING BLK BELOW 2531M, MOD HD TO OCC MOD SFT, MOD FIS, ABUN SPLINTER, CURVILINEAR AND OCC BLKY, NONCALC TO TR DOL, SMOOTH TO GRITTY TEX W/ ABUN F TO OCC C SND EMBD, V F MICROBEDS OF V F GR TAN SST AND BLK MICROCARB MAT, OCC SLTY, VAR ABUN OF F DISSEM BLK MICROCARB MAT, OCC SLTY, VAR ABUN OF F DISSEM BLK MICROCARB, MICA AND PY. CLR CRUSH CUTS W/ A MOD BRT, MOD INTENSE, LT YEL FLUOR LEAVING A CLR DES RNG OF BRT CANARY YEL FLUOR.

SLTST: M DK BRN W/ V GRITTY TEX FROM SND, SPEC LSTR FROM ABUN MICMICA (MUSC), NONCALC TO SLI TR DOL, MOD SFT AND SUB-FRI (AS SNDY), SUB-FIS (AS SHALY), TR TO GD TR SLTY SH EQUIV W/ INCR CLY, ABUN DISSEM BLK MICROCARB, TR TO GD TR LT TAN, ANG CLY FRGS, RARE V F DISSEM MICROPY. CRUSH CUTS CLR W/ NUANCE OF LT YEL FLUOR LEAVING A CLR DES RNG OF EXTR LT YEL FLUOR.

COAL: BIT, BLK, MOD HD, BRIT, GLOSSY, CONCH AND BLKY FRAC, TR PY. CRUSH CUTS CLR W/ BRT, INTENSE, MOD TRANSP, LT YEL FLUOR LEAVING A CLR DES RNG OF BRT, LT CANARY YEL FLUOR.

DOL: LT TO DK TAN TO DK RD-BRN, MICRITIC TO MICROXTLN, EXTR HD, DNSE, BRIT, CONCH FRAC, VAR SLTY AND SNDY, ABUN MICA, TR TO V ABUN F DISSEM BLK MICROCARB AND PY. DULL YEL-BRN MIN FLUOR. 0-10% VIS POR. CRUSH CUTS CLR W/ MOD BRT AND INTENSE, LT YEL FLUOR LEAVING A CLR DES RNG OF MOD BRT LT YEL FLUOR.

SECTION CHARACTERIZED BY ABUN V THIN "VARVE-TYPE" MICROBEDDING ESP BETWEEN SST AND SHALE FROM 2439-2504M.

DOL LMST: WH, LT TO M TAN, LT TO M BRN TO REDDISH-BRN, MOTTLED, MOD TO EXTR HD, DNSE, V BRIT, MICROXTLN TO MICRITIC, OFTEN CLASTIC W/ TR TO ABUN BLK MICROCARB, SLT AND V F SND GRS. VIS POR 0-20%. BRT YEL TO DUL YEL-BRN MIN FLUOR. CRUSH CUTS CLR W/ MOD BRT, INTENSE, HIGHLY TRANSP, LT YEL FLUOR LEAVING A CLR DES RNG OF BRT, LT YEL FLUOR.

2563-2584M

PUMICE: BLK TO SILVERISH BLK W/ A HIGH GLOSSY TO MET LSTR, V HD, V BRIT, HIGHLY VES W/ LARGE SPHEROIDAL VES (2MM) TO ELONG AND FLATTENED TUBES TO V F SPHER VES GRD TO A BLK GLASS. ELONG WAVY VES TUBES DISPLAY FLOW STRUCTURES, OCC CLR AMORPHOUS QTZ NODULES INFIL VES AND SUB TO EUHED XTLN CALC, OCC ANHED PY INFIL VES.

SHALE: BLK, HD, DNSE GRD T PHYLLITIC SH, HD, DNSE, BRIT, BLKY, TO SUB-FIS, NON-CALC, MICMICA, MOD HIGH GLOSSY LSTR.