

ALL LITHOLOGIES IN INTERVAL GIVE A CLR CRUSH CUT W/ A PL TO BRT TRANSP TO MLKY BL-WH CUT FLUOR AND A MOD BRT BL-WH DES RNG FLUOR.

**2713-2807M**

SHALE: DK BRN-GRY TO GRY-BLK W/ OCC M BRN BELOW 2729M AND TAN (SLTY) BELOW 2735M, BLKY TO SUBFIS AND INCR ABUN OF CURVILIN AND BLADES, MOD HD W/ OCC HD AND MOD SFT, FNT LINEATIONS, NONCALC, V ABUN MICMICA, ABUN MICROPY AND PY AGG, LOCALLY V ORG RICH AND ABUN MICROCARB OCC GRD TO LIGNITIC, OCC V SLTY W/ SLTST LAM AND OCC TR SNDY. BRT TRANSP TO SL MLKY BL-WH CRUSH CUT FLUOR.

BRNSH SH CUTS BETTER THAN GRY-BLK SH AND IS GEN SLTIER AND MORE ORG RICH.

SST: LT TAN, V F GR BECOMING F GR W/ DEPTH, OCC M GR, CLR VIT TO MLKY QTZ, RND, W SRT, MOD SFT AND EASILY FRI, W CMT W/ TAN CLY (20%), NONCALC, ABUN MICMICA, MICROPY, OCC MICRO LAM OF CARB MAT AND SHALE. 10-15% VIS POR. EVEN MOD BRT YEL FLUOR, V PL STRW CRUSH CUT, V BRT MLKY BL-WH FAST STRMG TO INSTANTANEOUS CUT FLUOR, BRT YEL-WH DES RNG FLUOR. BELOW 2735M: PL TO MOD BRT TRANSP TO SL MLKY BL-WH CRUSH CUT FLUOR W/ A MOD BRT BL-WH DES RNG FLUOR.

SLTST: TAN SH BECOMES SLTIER W/ DEPTH, TRUE SLTST BELOW 2795M. LT TAN TO M BRN OCC GRY-TAN, MOD SFT, FRI, V SHLY (40%), FNT LINEAT, ABUN MICROCARB AS DISCRETE AND BNDS, V ABUN MICMICA, OCC PY, OCC F GR SNDY, NON TO TR CALC. BRT MLKY TO TRANSP OCC SLW STRMG BL-WH CRUSH CUT FLUOR.

DOL: V THIN LAM, M TO DK BRN AND BRN-GRY, CRYPTOXTLN, V HD, V BRIT, OCC SIL, CONCH FRAC, V ARG, ABUN DISCRETE MICROCARB. NO VIS POR. PL BL-WH CRUSH CUT FLUOR.

**2807-2830M**

SST: MLKY WH TO CLR VIT, DOM M TO C GR W/ V C TO V F GR, DOM SUBRND W/ ABUN ANG, SUB TO EUHED QTZ XTLS, MOD W TO OCC V PR SRT, MOD HD TO SFT, EASILY FRI TO OCC BRIT, W CMT W/ WH CLY AND OCC SL SIL, LOCALLY ABUN RELICT FELD ALTERED TO TAN-WH CLY, ABUN CLR MICA, MOD ABUN DK MIN, OCC PY, OCC MICROCARB AS DISSEM AND BNDS. GEN BECOMES SL COARSER W/ DEPTH. VIS POR 25% W/ W CMT FRAG TO 5%. LOCAL PATCHES OF LT BRN OIL STN AND DK BRN RESINOUS DEAD OIL STN (HEAVY RESIDUAL). PATCHY TO EVEN DULL TO MOD BRT YEL FLUOR, CLR CRUSH CUT, DULL TO MOD BRT TRANSP TO MLKY BL-WH CUT FLUOR, MOD BRT BL-WH DES RNG FLUOR.

**2830-2839M**

SLTST: TAN-WH TO LT BRN AND GRY, MOD SFT, V SHLY, ABUN MICROCARB AS DISCRETE AND BNDS, OCC SNDY, TR CALC. V BRT TRANSP BL-WH CRUSH CUT FLUOR (OCC SLW STRMG).

**2839-2900M**

SLTST: TAN AND GRY-BRN, MOD HD TO MOD SFT, EASILY FRI, V SHLY (40%), FNT LIN AND BNDS OF CARB MAT, ABUN MICMICA, ABUN MICROCARB, OCC PY, OCC F SNDY, MOD ABUN DK MIN, NON TO TR CALC. CLR CRUSH CUT, MOD BRT TRANSP TO SL MLKY BL-WH CRUSH AND OCC SLW STRMG CUT FLUOR W/ MOD BRT BL-WH DES RNG FLUOR.