

SST: TAN AND CRM-TAN TO WH, DOM F GR W/ OCC V F AND M, CLR TO MLKY QTZ GRS W/ ABUN CLR VIT, SUB TO OCC EUHED QTZ XTL, SUBRND, MOD W SRT, MOD SFT, EASILY FRI, W CMT W/ TAN AND WH CLY, TR TO MOD ABUN CARB MAT, MICMICA, NON TO TR CALC. 10 (ABUN CLY) TO 25% VIS POR. PATCHY TO EVEN DULL YEL FLUOR, CLR CRUSH CUT, SLW STRMG MOD BRT MLKY TO TRANSP BL-WH CUT FLUOR W/ MOD BRT YEL-WH DES RNG FLUOR.

SHALE: M BRN, OCC DKER GRY-BRN, SUBFIS TO OCC BLKY AND OCC CURVILIN, FNT LIN, MOD HD TO MOD SFT (BECOMING SUBSTAN SFTER AND DISPERSABLE IN 10% HCL BELOW 2890M), MOD SLTY, ABUN MICMICA, ABUN MICROCARB AS AGG AND BNDS AS WELL AS DISSEM, MOD ABUN PY, NON TO TR CALC. CLR CRUSH CUT, MOD BRT TRANSP TO SL MLKY BL-WH CRUSH CUT FLUOR.

#### 2900-2941M

SHALE: DOM M BRN AND M GRY-BRN W/ APPROX 20% DK GRY. DK GRY: MOD HD TO MOD SFT. SUBFIS TO CURVILIN, TR SLTY, NON TO TR CALC, GEN GLOSSY SURF, OCC V ORG RICH GRD TO LIGNITIC, ABUN MICMICA AND MICROCARB, OCC F DISSEM AND AGG OF PY. M BRN: GEN MOD SFT, OCC MOD HD, V SLTY GRD TO SLTST AND OCC F SANDY. ABUN ORG MAT AS F DISSEM AND BNDS, FNT BDNG LIN, NON TO SL CALC. DK GRY: NONE TO SL TR V PL CRUSH CUT FLUOR. M BRN: CLR CRUSH CUT, MOD BRT TRANSP TO MLKY BL-WH CRUSH CUT FLUOR AND A MOD BRT YEL-WH DES RNG FLUOR.

SLTST: M BRN TO TAN-GRY, OCC GRY-BRN, MOD SFT OCC MOD HD, EASILY FRI, V SHLY (40%) GRD TO SLTY SHALE, FNT BDNG LIN, ABUN MICMICA, ABUN CARB MAT AS DISCRETE AND LAM, OCC PY, DK MIN, OCC F SNDY, NON TO TR CALC. CLR CRUSH CUT, MOD BRT TO BRT TRANSP TO MLKY BL-WH CRUSH CUT FLUOR AND MOD BRT BL-WH DES RNG FLUOR.

SST: TAN TO GRY-TAN TO OCC WH, CLR TO SMKY GRS AND CLR VIT SUBHED XTLS. V F TO F GR, OCC LOCAL M GR, MOD W SRT, SFT AND MOD SFT, EASILY FRI, W CMT W/ WH AND TAN CLY. ABUN CLR MICA, MOD ABUN CARB MAT AS DISCRETE AND OCC RESINOUS BNDS, OCC DK MIN. 5% (W CMT) TO OCC 20% VIS POR. LOCAL PATCHY M BRN RESINOUS DEAD(?) OIL STN, FNT TO MOD BRT TRANSP TO MLKY BL-WH CRUSH AND V SLW STRMG CUT FLUOR, FNT TO MOD BRT BL-WH DES RNG FLUOR.

ABUN IGN SLOUGH IN SAMPLES FROM 2900-50M.

#### 2941-3022M

SHALE: DOM M BRN TO GRY BRN W/ 10-30% DK GR TO BLK. BRN: MOD SFT, GEN V SLTY GRDNG TO V SHLY SLTST, NO DISTINCT BRKAGE, FNT LAM, ABUN CARB MAT AS DISCRETE RESINOUS SPECS AND PLANT FRAG AND WISPY BNDS, NON TO TR CALC, ABUN MICA, OCC PY AS DISSEM AND AGG, OCC DK MIN, OCC F SNDY. GEN MOD BRT TRANSP TO MLKY CRUSH CUT FLUOR (OCC BRT) AND MOD BRT YEL-WH TO BL-WH DES RNG FLUOR. DRK GRY: SUB-FIS TO FIS W/ OCC BLKY AND SL CURVILIN, MOD HD TO MOD SFT, MOD BRIT, GLOSSY TO RESINOUS SURFACE, TR CALC, ABUN MICROCARB, MICMICA AND F DISSEM AND AGG OF PY, OCC MOD SLTY. GEN FNT TO MOD BRT TRANSP BL-WH CRUSH CUT FLUOR W/ A MOD BRT BL-WH DES RNG FLUOR.

SLTST: M TAN-BRN TO BRN-GRY, MOD SFT, MOD FRI, NON TO TR CALC, FNT BDNG LAM, ABUN CARB MAT IN DISCRETE SPECS AND FRAG TO RESINOUS BNDS, ABUN MICMICA, OCC PY, SLTST IS V SHLY GRD TO SLTY SH, OCC F SNDY. GEN BRT TO OCC V BRT TRANSP TO SL MLKY BL-WH CRUSH AND OCC SLW STRM CUT FLUOR W/ A BRT YEL-WH TO BL-WH DES RNG FLUOR.