

COAL: MAJOR BEDS: 2705-06M, 2712-13M, 2716-16.5M, 2724-24.5M, 2739M, 2752-53M, 2756-57M, 2761-63M, 2773-75M.

- BLK (OCC V DK BRN GRDG TO CARB SHALE), BITUMINOUS GRD, HD, BRITTLE, CONCH TO OCC PLATEY OR BLOCKY FRACT, VITREOUS TO DULL LUSTRE. TR, RARELY MOD ABUN, EMBEDDED TRANSLUC-SEMI OPAQUE IN PT SOAPY LT ORNG-BR DK ORNG BRN AND BRN-BLK AMPORPHOUS M-VC GR AMBER (RESIN) SHOWING BRILLIANT WH TO YELL-WH FLUOR AND GOOD BRT YELL-WH CUT FLUOR. LT STRW CUT AND LT BRN DES RNG WITH PL ORNG-YELL FLUOR.

SLTST: PROBABLY ONLY AS GRAD FROM SST AND CLYST. MAINLY 2685-91, 2778-81, 2784-86M, LT TAN, V ARGILL, TR V F SAND, V SFT - MOD HD, DOM SFT, DRLG DISP, SUB-FIS IN PT, TR-ABUN BLK COALY FLECKS, MICROLAM.

2789.5-2807.9M

(9152-9212FT)

CUT CORE NO. 1: 2789.5-2807.9M RECOVERED 94%.
CORE CONSISTS MAINLY OF CLAYSTONE 90% (FINELY INTERLAMINATED WITH SANDSTONE) AND MEDIUM GRAINED SANDSTONE 10%. THE MEDIUM GRAINED SANDSTONE OCCURS AS A SINGLE BED ABOUT 1M THICK AT ABOUT 2797-98M, (9176-9180FT) AND POSSIBLY AS A BED OF SIMILAR THICKNESS 2801.4-2802.3M (9191-9194FT). MINOR COAL (1-2%) OCCURS IN A SINGLE THIN BED, PROBABLY IMMED. ABOVE 2797M (9176FT).

THE CLAYSTONE AND INTERBEDDED SANDSTONE ARE VERY HARD, AND THE MEDIUM GRAINED SANDSTONE COMPETENT BUT WHOLLY FRIABLE WITH MODERATE FINGER PRESSURE.

CLAYSTONE AND INTERBEDDED SANDSTONE

CLAYSTONE:

DK BRN, HARD, SUBFISSILE TO FISSILE GRADING TO SHALE, SOME BLK CARBONACEOUS PARTINGS AND FLECKS, V SLIGHTLY DISPERSIVE IN WATER (AFTER 15 MINS) BUT PROBABLY DRLG DISPERSIVE, NON CALC - IN PART V FINELY INTERLAMINATED WITH V FINE SANDSTONE LAMINAE OFTEN LESS THAN 0.5MM THICK OF ALTERNATING DARK AND LIGHT, MANY LAMINAE PINCH AND TRUNCATE OTHERS, ARE INCLINED UP TO 10 DEG, AND IN PLACES FINELY (?) CROSS-BEDDED.

SANDSTONE: INTERBEDDED AS ABOVE WITH CLAYSTONE INTERBEDS. DOM OFF-WH, VF-F GR, HARD, SLIGHTLY-MOD FRIABLE, TR-20% WH CLY (KAOLINITIC?) CMT, SOME DOLOMITIC CMT, AND SILICA CMT/OVERGROWTHS. NIL-15% (RARELY 20%?) VIS POROS 5-10%. TR-ABUN DULL GOLD MINERAL FLUOR ASSOC WITH DOLOMITIC CMT.