

SANDSTONE: OFF-WHI, LT TANNISH GRY, DOM F GR WITH GD TR VF GR, SUBANG-SUBRND, MOD SRT, DOM AS FREE GRAINS AS DRLG RESIDUE. QTZ GRNS CLR-TRANSLUC; CMT 10-15% WH CLY (KAOLIN?) WITH MINOR SILICA AS CMT AND OVERGROWTHS.

10-15% VIS POROS, TR - PATCHY-EVEN V LT BR OIL STAIN IN SOME AGGREGATES.  
TR PINPOINT BR-DULL ORANGE FLUORESCENCE, TR DULL, TRANSLUCENT V PALE  
YELL-WH CRUSH CUT FLUOR AND CLEAR RESIDUE.

COAL: AS THIN BEDS, - BLACK, SUB BITUMINOUS, SUB-VITREOUS, IRREG FRACT, HD, GRDS TO BITUMINOUS CLAYSTONE.

3002.3-3020.5M

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 (9850-9910FT)  
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DOMINANTLY CLST WITH MINOR SST AND THIN COALS

CLST: VARYING LT BRN-GRY, GRY-BRN-BLK, TYPICALLY MOD-V CARB AS THIN WISPS MICRO LAMIN OR FLECKS, OCC GRDG V CARB AND COALY, 5-10% SILTY GRDG OCC TO CLAYEY SLTST, GRDG OCC TO V F GR SST, NON-CALC, FIRM-V HARD, SUB-FIS - FIS AND GRDG TO SHALE IN PT, OCC AS SPLINTERY SHALES.

SST: WH-OCC PNK/GRY, EQUALLY AS LSE GRS AGGS, VF-F GR - BECOMING M GR BELOW 3015M (9892FT) AND MORE UNCONSOL; SUBANG TO SUBRND, MOD WELL SRTED, UP TO 20-25% WH CLY AND CALC CMT, (WITH V DULL ORNG BRN MINERAL FLUOR), TR SILICA CMT AS AUTHIGENIC OVERGROWTHS, RARE ROSE QTZ GRS, TR LT GRY LITHIC GRS, FRI-FIRM; VIS POROS 10-15%.

COAL: BLK, METALLIC LUSTRE, OCC MICROLAMINATED, CONCH FRAC, BLKY, BITUMINOUS GRADE.

ALL LITHOLOGIES HAVE A V PL BL-WH CLR AND TRANSP CUT AND CRUSH CUT, NOTE:  
THESE CUTS MAY BE AN ARTIFACT OF GILSONITE CONTAMINATION.

3020.5-3055M

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 (9910-10023FT)  
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DOMINANTLY CLST WITH MINOR SST AND MINOR THIN COALS.

CLST: LT BRN GRY - BRN GRY, OCC BRN BLK, MOD CARB AS FLECKS OR THIN DISCONTINUOUS LAMINAE, MOD MICMICACEOUS, NON CALC BCMG TR DOLIC BELOW 3045M, FRI-FIRM, BLKY-SUBFIS, DISPERSIVE.

NOTE: CLST IS WASHING OUT OF SAMPLES AND IS PROBABLY MUCH HARDER IN SUBSURFACE.