

2863.0-2869M

-----  
(9393-9413FT)  
-----

CLAYSTONE FINELY INTERLAMINATED WITH SANDSTONE (100 PER CENT). DOMINANTLY A VERY HARD ROCK WITH VARYING PROPORTIONS OF CLYST AND SS: IN PLACES PROBABLY GRDG TO 100 PERCENT OF EITHER. LAMINAE VARIABLE THICKNESS OFTEN 0.5-5MM, SUBPARALLEL.

SANDSTONE  
-----

LT TAN-LT BRN EVENLY FLECKED WITH WHITE: VF TO F DOM V FN GRN, ANGULAR - SUBANGULAR, MOD WEL SRTED, HARD AND GENERALLY ONLY SLIGHTLY FRIABLE. QTZ GRAINS TRANSLUCENT, GEN FROSTED. ACCESSORY MINERALS INCLUDE TRACES OF WHITE MICA, BIOTITE, DETRITAL PL BL-WH KAOLINISED ? FELD, VF-FGR GREY ARGILL FRAGS, PALE GREEN CHLORITE (?). MATRIX TR ARGILL MATERIAL, TR CARBONATE CEMENT, DOMINANTLY SOFT CRM-WHI CLAY (KAOLINITE?) WITH TR SILICEOUS CMT. VISIBLE POROS 10-15 PERCENT. OCC 20 PER CENT TO LT BROWN OIL STAIN, AND SLIGHT PETROLEUM ODOR W/CRUSH CUTS CLR W/MOD BRT, MED INTENSE: TRANSP, DOM LT YLW TO V/MINOR MED CANARY YLW FLUOR W/DOM CLR DESICCATION RINGS OF DULL TO BRT GOLDEN TO LT YLW FLUOR.

CLAYSTONE  
-----

DARK REDDISH BROWN OR DARK ORANGE BROWN IN PART FLECKED OR MOTTLED SUB FISSILE IN PART, STRONGLY DRG DISPERSIVE AND V/SOFT IN CUTTINGS SAMPLES, TR CALC. TR V F GR QUARTZ, TR BIOTITE AND WH MICA (ESPECIALLY ON LAMINAE). DOM EVEN BRN AND PATCHY DK BRN STAIN. CRUSH CUTS CLR W/DULL, TRANSP, LT YLW FLUOR W/DESICCATION RING CLR W/DULL GOLDEN FLUOR.