



EXP.	SITE	HOLE	CORE	SECT.	THIN SECTION	TOP INTERVAL	BOTTOM INTERVAL	TOP DEPTH	TOP DEPTH MCD	COMMENTS	SECTION ID	PHOTO
313	27	A	124	1	1	46	52	353.92	353.92	slide to aid core description for section unit 124_1_1. Medium to coarse glauconite-bearing sandstone. Grains of quartz, feldspar and rock fragments (granitoids) show subangular to rounded shape. Apatite and zircon are also found as accessory minerals. Glauconite pellet (green) is dominant mineral formed by authigenic diagenesis. Flocks of magnetic grains are associated along glauconite boundaries. Significantly altered calcite cement is common.	3131614	250034, 250035, 250036, 250037
313	27	A	125	1	1	139	143	355.52	355.52	Medium grained sandstone. Grains with subangular to subrounded shapes mostly consist of quartz and associated feldspar (perthite, microcline and plagioclase), rock fragments (granitoids, gneiss and marble), magnetic grains, zircon and chlorite. Matrix is filled with clay and organic materials, and partly recrystallized by calcite cement.	3131615	250038, 250039, 250040, 250041
313	27	A	125	2	1	0	4	355.6	355.6	slide to aid core description for section unit 125_2_1. Medium sandstone. Grains are composed of mainly of mono-crystalline quartz and subordinately of feldspar (microcline, plagioclase, perthite), rock fragments (granitoids, schist/gneiss, quartzite, marble), zircon, muscovite, authigenic glauconite and fossils (radiolaria, shell etc.). Some of grains are coated by microcrystalline calcite. Matrix is filled with argillaceous mud and clay, organic materials and opaque minerals. Calcite in matrix is partly recrystallized.	3131616	250030, 250031, 250032, 250033
313	27	A	127	2	1	3	7	361.09	361.09	slide to aid core description for section unit 127_2_1. Fine sandstone. Matrix consists of mud and silt material, unidentified clay mineral flakes, organic/non-organic materials. Recrystallines of chlorite and sericite in matrix are commonly layered in parallel to the formation. Brown colored pellets occasionally observed in matrix are considered to be oxidized glauconite formed by diagenesis. Detrital grains are quartz, feldspar, opaque mineral, muscovite, zircon and fossil carbonate fragments.	3131620	250042, 250043, 250044, 250045
313	27	A	171	1	1	38	42	489.77	489.77	slide to aid core description for section unit 171_1_2. Quartzose glauconite-bearing medium sandstone. Detrital grains consist mainly of quartz and feldspar. The sediment texture is grain-supported to matrix-supported and rich in authigenic glauconite pellets formed within matrix. Glauconite is aggregated by fine pellets pale green colored in grain margin and green to dark green colored in grain center. Some glauconite grains are coated by oxidized iron layers. Recrystallized calcite aggregates occupy matrix as relic minerals.	3131750	270058, 270059, 270060, 270061