**AMUNGEE NW-1H: CUTTINGS SAMPLE DESCRIPTIONS**

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| Depth  From  (m) | Depth  To  (m) | % | Lithology and Shows |
| **AMUNGEE NW-1H** | | | |
|  |  |  | **Abandonment Plug (Amungee NW-1 Wellbore) set from 1995 – 2145m.**  **Kick-Off Plug set from 1876 – 1995m.**  **Amungee NW-1H commenced from 00:00hrs 21/10/2015.**  **Plugs subsequently drilled out to 2016m attempting to kick –off. Second kick-off plug set 1857 – 2016m.**  **Amungee NW-1H successfully kicked off at 1932.5m at 16:30hrs 28/10/2015** |
| 1932.5 | 1935 | 90  10 | SILTSTONE: dark grey, rare dark grey brown, dominantly arenaceous, minor argillaceous, locally common micro micaceous, minor lithics, moderately hard to hard, sub blocky to minor sub fissile.  SANDSTONE: light grey to off white, very fine, well sorted, sub angular to sub rounded, moderate to strong siliceous cement, minor off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence.  **Trace cement contamination.** |
| 1935 | 1938 | 95  5 | SILTSTONE: dark grey, rare dark grey brown, dominantly arenaceous, locally common micro micaceous, minor lithics, moderately hard to hard, sub blocky to minor sub fissile.  SANDSTONE: light grey to minor off white, very fine, well sorted, sub angular to rare sub rounded, moderate to strong siliceous cement, minor to occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence.  **Trace cement contamination.** |
| 1938 | 1941 | 100  Trace | SILTSTONE: dark grey, rare dark grey brown, dominantly arenaceous, trace argillaceous, locally common micro micaceous, minor lithics, moderately hard to hard, sub blocky, minor sub fissile to fissile.  SANDSTONE: light grey to rare off white, very fine, well sorted, sub angular to rare sub rounded, moderate to strong siliceous cement, minor to occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence.  **Trace cement contamination.** |
| 1941 | 1944 | 100  Trace | SILTSTONE: dark grey, minor dark grey brown, dominantly arenaceous, occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky, minor sub fissile to fissile.  SANDSTONE: light grey to rare off white, very fine, well sorted, sub angular to rare sub rounded, moderate to strong siliceous cement, occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1944 | 1947 | 100  Trace | SILTSTONE: dark grey, minor dark grey brown, dominantly arenaceous, occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light grey to rare off white, very fine, well sorted, sub angular to rare sub rounded, moderate to strong siliceous cement, occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1947 | 1950 | 95  5 | SILTSTONE: dark grey, minor dark grey brown, dominantly arenaceous, occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light grey to rare off white, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1950 | 1953 | 100  Trace | SILTSTONE: dark grey to dark grey brown, dominantly arenaceous, occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light grey to rare off white, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1953 | 1956 | 100  Trace | SILTSTONE: dark grey to dark grey brown, dominantly arenaceous, occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light grey, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1956 | 1959 | 100  Trace | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous, occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light grey, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1959 | 1962 | 100  Trace | SILTSTONE: dark grey to occasionally dark grey brown, arenaceous to argillaceous, commonly micro micaceous, minor disseminated pyrite, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light grey, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight to very tight visual porosity, no fluorescence. |
| 1962 | 1965 | 100  Trace | SILTSTONE: dark grey to occasionally dark grey brown, arenaceous to argillaceous, commonly micro micaceous, minor disseminated pyrite, minor lithics, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SANDSTONE: light grey, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional off white argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight to very tight visual porosity, no fluorescence. |
| 1965 | 1968 | 95  5 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, commonly micro micaceous, minor disseminated pyrite, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight to very tight visual porosity, no fluorescence. |
| 1968 | 1971 | 90  10 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, commonly micro micaceous, trace disseminated pyrite, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, very fine to fine, minor grading to arenaceous Siltstone in part, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight to very tight visual porosity, no fluorescence. |
| 1971 | 1974 | 85  15 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, very fine to fine, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1974 | 1977 | 80  20 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, very fine to fine, well sorted, sub angular to sub rounded, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1977 | 1980 | 95  5 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, very fine to fine, well sorted, sub angular to sub rounded, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1980 | 1983 | 85  15 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, very fine to fine, well sorted, sub angular to sub rounded, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1983 | 1986 | 90  10 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, fine occasionally coarse, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, very poor visual porosity, no fluorescence. |
| 1986 | 1989 | 85  15 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, abundant micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, fine occasionally coarse, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, very poor visual porosity, no fluorescence. |
| 1989 | 1992 | 95  5 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, abundant micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, fine occasionally coarse, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, very poor visual porosity, no fluorescence. |
| 1992 | 1995 | 95  5 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, commonly micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile.  SANDSTONE: light to occasionally medium grey, very fine to fine, well sorted, sub angular to rare angular, moderate to strong siliceous cement, occasional light grey argillaceous matrix, trace dark lithics, moderately hard to dominantly hard, tight visual porosity, no fluorescence. |
| 1995 | 1998 | 100 | SILTSTONE: dark grey to occasionally dark grey brown, dominantly arenaceous to occasionally argillaceous, occasionally micro micaceous, minor lithics, moderately hard to hard, sub blocky to sub fissile. |
| 1998 | 2001 | 90  10 | SILTSTONE: dark grey to dark greyish brown, arenaceous, minor argillaceous, micro micaceous, minor lithics, moderately hard to occasionally hard, sub blocky, minor sub fissile.  SANDSTONE: white, translucent, very light grey, very fine to fine, well sorted, sub angular to sub rounded, moderate siliceous cement, minor light grey argillaceous matrix, common dark lithics, friable to moderately hard, occasionally hard, very poor visual porosity, no fluorescence. |
| 2001 | 2004 | 70  30 | SILTSTONE: dark grey to dark greyish brown, arenaceous, minor argillaceous, micro micaceous, minor lithics, moderately hard to occasionally hard, sub blocky, minor sub fissile.  SANDSTONE: white, translucent, very light grey to medium light grey in part, very fine to fine, well sorted, sub angular to sub rounded, moderate siliceous cement, minor light grey argillaceous matrix, common dark lithics, friable to moderately hard, occasionally hard, very poor visual porosity, no fluorescence. |
| 2004 | 2007 | 80  20 | SILTSTONE: dark grey to dark greyish brown, arenaceous, minor argillaceous, micro micaceous, minor lithics, moderately hard to occasionally hard, sub blocky, minor sub fissile.  SANDSTONE: white, translucent, very light grey to medium light grey in part, very fine to fine, well sorted, sub angular to sub rounded, moderate siliceous cement, minor light grey argillaceous matrix, common dark lithics, trace mica, friable to moderately hard, occasionally hard, very poor visual porosity, no fluorescence. |
| 2007 | 2010 | 80  20 | SILTSTONE: dark grey to dark greyish brown, dominantly arenaceous grading to very fine sandstone in part, minor argillaceous, micro micaceous, minor lithics, moderately hard to occasionally hard, sub blocky, minor sub fissile.  SANDSTONE: white, translucent, very light grey to medium light grey, medium grey in part, very fine to fine, well sorted, sub angular to sub rounded, moderate siliceous cement, minor light grey argillaceous matrix, common dark lithics, trace to locally common mica, friable to moderately hard, occasionally hard, poor visual porosity, no fluorescence. |
| 2010 | 2013 | 90  10 | SILTSTONE: dark grey, minor medium grey, dark grey brown in part, commonly arenaceous, locally grading to very fine Sandstone in part, minor argillaceous, generally micro micaceous, hard to occasionally moderately hard, sub blocky, minor sub fissile.  SANDSTONE: light to medium grey, off white in part, very fine to fine, well sorted, sub angular to minor sub rounded, moderate to strong siliceous cement, common medium grey silty matrix, occasional dark lithics, minor micro micaceous, hard to occasionally moderately hard, very poor to tight visual porosity, no fluorescence. |
| 2013 | 2016 | 90  10 | SILTSTONE: dark grey to minor medium grey, dark grey brown in part, commonly arenaceous, minor argillaceous, generally micro micaceous, hard to occasionally moderately hard, sub blocky, minor sub fissile.  SANDSTONE: light to medium grey, off white in part, very fine, well sorted, sub angular to minor sub rounded, moderate to strong siliceous cement, common medium grey silty matrix, occasional dark lithics, minor micro micaceous, moderately hard, very poor to tight visual porosity, no fluorescence. |
| 2016 | 2019 | 80  20 | SILTSTONE: dark grey to minor medium grey, dark grey brown in part, commonly arenaceous, minor argillaceous, generally micro micaceous, rare disseminated pyrite, hard to occasionally moderately hard, sub blocky, minor sub fissile.  SANDSTONE: light to medium grey, off white in part, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to minor sub rounded, moderate to strong siliceous cement, common medium grey silty matrix, occasional dark lithics, minor micro micaceous, moderately hard, very poor to tight visual porosity, no fluorescence. |
| 2019 | 2022 | 95  5 | SILTSTONE: dark grey to minor medium grey, dark grey brown in part, commonly arenaceous, minor argillaceous, generally micro micaceous, hard to occasionally moderately hard, sub blocky to sub fissile.  SANDSTONE: light to medium grey, off white in part, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to minor sub rounded, moderate to strong siliceous cement, common medium grey silty matrix, occasional dark lithics, minor micro micaceous, moderately hard, very poor to tight visual porosity, no fluorescence. |
| 2022 | 2025 | 90  10 | SILTSTONE: dark grey to minor medium grey, dark grey brown in part, argillaceous to arenaceous, generally micro micaceous, hard to occasionally very hard, sub blocky to sub fissile.  SANDSTONE: light to medium grey, off white in part, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to minor sub rounded, moderate to strong siliceous cement, common medium grey silty matrix, occasional dark lithics, minor micro micaceous, moderately hard, minor loose, very poor to tight visual porosity, poor inferred porosity, no fluorescence. |
| 2025 | 2028 | 100  Trace | SILTSTONE: dark grey to minor very dark grey, dark grey brown in part, argillaceous to arenaceous, generally micro micaceous, hard to occasionally very hard, sub blocky to sub fissile.  SANDSTONE: light grey, off white in part, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to minor sub rounded, moderate to strong siliceous cement, common medium grey silty matrix, occasional dark lithics, minor micro micaceous, moderately hard, very poor to tight visual porosity, no fluorescence. |
| 2028 | 2031 | Trace  100  Trace | CLAYSTONE: dark grey brown, silty in part, trace micro micaceous, moderately hard, occasionally firm, sub fissile to sub blocky.  SILTSTONE: dark grey to minor very dark grey, dark grey brown in part, argillaceous to arenaceous, generally micro micaceous, trace disseminated pyrite, hard to occasionally very hard, sub blocky to sub fissile.  SANDSTONE: light grey, off white in part, very fine, grading to arenaceous Siltstone in part, well sorted, sub angular to minor sub rounded, moderate to strong siliceous cement, common medium grey silty matrix, occasional dark lithics, moderately hard, very poor to tight visual porosity, no fluorescence. |
| 2031 | 2034 | Trace  100 | CLAYSTONE: dark grey brown, silty in part, trace micro micaceous, moderately hard, occasionally firm, sub fissile to sub blocky.  SILTSTONE: dark grey to minor medium grey, dark grey brown in part, argillaceous to arenaceous, generally micro micaceous, hard to occasionally very hard, sub blocky to sub fissile. |
| 2034 | 2037 | 10  90 | CLAYSTONE: dark grey brown, dark grey, silty in part, micro micaceous, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor dark grey brown in part, arenaceous to argillaceous, generally micro micaceous, hard to occasionally very hard, sub blocky to sub fissile. |
| 2037 | 2040 | 20  80 | CLAYSTONE: dark grey brown, dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor dark grey brown in part, arenaceous to argillaceous, generally micro micaceous, rare pyrite nodules, hard to occasionally very hard, sub blocky to sub fissile. |
| 2040 | 2043 | 10  90 | CLAYSTONE: dark grey brown, dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor dark grey brown in part, arenaceous to argillaceous, rare grading to very fine Sandstone, generally micro micaceous, rare pyrite nodules, hard to occasionally very hard, sub blocky to sub fissile. |
| 2043 | 2046 | 30  70 | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor dark grey brown in part, arenaceous to argillaceous, generally micro micaceous, rare disseminated pyrite, hard to occasionally very hard, sub blocky to sub fissile. |
| 2046 | 2049 | 5  95 | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, trace very dark grey, minor dark grey brown in part, arenaceous to argillaceous, commonly micro micaceous, rare disseminated pyrite, hard to occasionally very hard, sub blocky to sub fissile. |
| 2049 | 2052 | Trace  100 | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, trace very dark grey, minor dark grey brown in part, arenaceous to argillaceous, commonly micro micaceous, minor to occasional disseminated pyrite, hard to occasionally very hard, sub blocky to sub fissile. |
| 2052 | 2055 | Trace  100 | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, trace very dark grey, occasionally dark grey brown in part, arenaceous to argillaceous, commonly micro micaceous, minor to occasional disseminated pyrite, rare lithics, hard to occasionally very hard, sub blocky to sub fissile. |
| 2055 | 2058 | Trace  100 | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, dark grey brown, occasionally arenaceous to commonly argillaceous, micro micaceous in part, minor to occasional disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile. |
| 2058 | 2061 | Trace  100 | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, dark grey brown, dominantly arenaceous to occasionally argillaceous, micro micaceous in part, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile. |
| 2061 | 2064 | 100 | SILTSTONE: dark grey, minor medium grey, dominantly arenaceous to occasionally argillaceous, minor grading to very fine Sandstone, micro micaceous in part, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile. |
| 2064 | 2067 | 100 | SILTSTONE: dark grey, minor medium grey, dominantly arenaceous to occasionally argillaceous, minor grading to very fine Sandstone, common to abundant micro micaceous, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile. |
| 2067 | 2070 | Trace  100 | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor medium grey, dominantly arenaceous to occasionally argillaceous, minor grading to very fine Sandstone, siliceous in part, minor localised calcareous, common to abundant micro micaceous, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile. |
| 2070 | 2073 | Trace  100 | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor medium grey, dominantly arenaceous to occasionally argillaceous, minor grading to very fine Sandstone, siliceous in part, common to abundant micro micaceous, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile. |
| 2073 | 2076 | 20  80  Trace | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, occasionally firm, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor medium grey, dominantly arenaceous to occasionally argillaceous, common to abundant micro micaceous, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile.  SANDSTONE: light grey to medium grey, off white in part, very fine to fine, well sorted, sub angular to sub rounded, moderate siliceous cement, slightly calcareous, common off white to medium grey silty matrix, trace dark lithics, moderately hard, poor visual porosity, no fluorescence. |
| 2076 | 2079 | 20  80  Trace | CLAYSTONE: dark grey brown, medium to dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, occasionally firm, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor medium grey, dominantly arenaceous to occasionally argillaceous, minor siliceous in part, common to abundant micro micaceous, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile.  SANDSTONE: light grey to medium grey, off white in part, very fine to fine, well sorted, sub angular to sub rounded, moderate siliceous cement, common to abundant off white to medium grey silty matrix, trace dark lithics, moderately hard, tight visual porosity, no fluorescence. |
| 2079 | 2082 | 10  90 | CLAYSTONE: dark grey brown, medium to dark grey, trace very dark grey, silty in part, micro micaceous, minor disseminated pyrite, moderately hard to hard, occasionally firm, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor medium grey, dominantly arenaceous to occasionally argillaceous, minor to locally common grading to very fine Sandstone, siliceous in part, common to abundant micro micaceous, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile. |
| 2082 | 2085 | 10  80  10 | CLAYSTONE: dark grey brown, medium to dark grey, rare very dark grey, silty in part, minor micro micaceous, rare disseminated pyrite, moderately hard to hard, occasionally firm, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor medium grey, dominantly arenaceous to occasionally argillaceous, minor to locally common grading to very fine Sandstone, siliceous in part, common to abundant micro micaceous, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile.  SANDSTONE: light grey to medium grey, off white in part, very fine to fine, well sorted, sub angular to sub rounded, moderate siliceous cement, common to abundant off white to light grey silty matrix, trace dark lithics, trace mica, friable to moderately hard, tight visual porosity, no fluorescence. |
| 2085 | 2088 | 10  90  Trace | CLAYSTONE: dark grey brown, medium to dark grey, minor to locally commonly silty in part, trace micro micaceous, moderately hard to hard, occasionally firm, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor medium grey, dominantly arenaceous to occasionally argillaceous, common to abundant micro micaceous, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile.  SANDSTONE: light grey to medium grey, off white in part, very fine to fine, well sorted, sub angular to sub rounded, moderate siliceous cement, common to abundant off white to light grey silty matrix, trace dark lithics, trace mica, friable to moderately hard, poor visual porosity, no fluorescence. |
| 2088 | 2091 | 30  70 | CLAYSTONE: dark grey brown, medium to dark grey, minor to locally commonly silty in part, trace micro micaceous, moderately hard, occasionally firm, occasionally hard, sub fissile to occasionally sub blocky.  SILTSTONE: dark grey, minor medium grey, rare medium brownish grey, dominantly arenaceous to occasionally argillaceous, common to abundant micro micaceous, minor disseminated pyrite, rare lithics, hard to occasionally moderately hard, sub blocky to sub fissile. |
| 2091 | 2094 | 10  90 | CLAYSTONE: dark to medium brown grey, occasionally dark grey, silty in part, rare micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: medium to dark grey, dark grey brown, dominantly arenaceous, micro micaceous in part, minor lithics, hard, minor very hard, sub blocky to occasionally sub fissile. |
| 2094 | 2097 | Trace  100 | CLAYSTONE: dark to medium brown grey, occasionally dark grey, silty in part, rare micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: medium to dark grey, minor medium to dark grey brown, dominantly arenaceous, micro micaceous in part, minor lithics, hard, minor very hard, sub blocky to occasionally sub fissile. |
| 2097 | 2100 | Trace  95  5 | CLAYSTONE: dark to medium brown grey, occasionally dark grey, silty in part, rare micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: medium to dark grey, minor medium to dark grey brown, dominantly arenaceous, micro micaceous in part, minor lithics, trace disseminated pyrite, hard, minor very hard, sub blocky to occasionally sub fissile.  SANDSTONE: off white to occasionally light grey, very fine, very well sorted, sub angular to sub rounded, moderately siliceous cement, abundant to common off white argillaceous matrix, moderately hard, tight visual porosity, no fluorescence. |
| 2100 | 2103 | 5  95  Trace | CLAYSTONE: dark to medium brown grey, occasionally dark grey, silty in part, rare micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: medium to dark grey, minor medium to dark grey brown, rare very dark grey, dominantly arenaceous, micro micaceous in part, minor lithics, trace disseminated pyrite, hard, minor very hard, sub blocky to occasionally sub fissile.  SANDSTONE: light grey, very fine, very well sorted, sub angular to sub rounded, moderately siliceous cement, abundant to common off white argillaceous matrix, moderately hard, tight visual porosity, no fluorescence. |
| 2103 | 2106 | 5  95  Trace | CLAYSTONE: dark to medium brown grey, occasionally dark grey, silty in part, rare micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: medium to dark grey, minor medium to dark grey brown, rare very dark grey, dominantly arenaceous, micro micaceous in part, minor lithics, trace disseminated pyrite, hard, minor very hard, sub blocky to sub fissile, minor fissile.  SANDSTONE: light grey, very fine, very well sorted, sub angular to sub rounded, moderately siliceous cement, abundant to common off white argillaceous matrix, moderately hard, tight visual porosity, no fluorescence. |
| 2106 | 2109 | 5  90  5 | CLAYSTONE: dark to medium brown grey, occasionally dark grey, silty in part, rare to occasionally micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: medium to dark grey, minor medium to dark grey brown, rare very dark grey, dominantly arenaceous, micro micaceous in part, minor lithics, hard, minor very hard, sub blocky to sub fissile, minor fissile.  SANDSTONE: light grey, occasionally off white, very fine, very well sorted, sub angular to sub rounded, moderately siliceous cement, abundant to common off white argillaceous matrix, moderately hard, tight visual porosity, no fluorescence. |
| 2109 | 2112 | 10  90  Trace | CLAYSTONE: dark to medium brown grey, occasionally dark grey, silty in part, rare to occasionally micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: medium to dark grey, minor medium to dark grey brown, rare very dark grey, dominantly arenaceous, micro micaceous in part, occasional disseminated pyrite, minor lithics, hard, minor very hard, sub blocky to sub fissile, minor fissile.  SANDSTONE: light grey to off white, very fine, very well sorted, sub angular to sub rounded, moderately siliceous cement, abundant to common off white argillaceous matrix, moderately hard, tight visual porosity, no fluorescence. |
| 2112 | 2115 | 20  80 | CLAYSTONE: dark brown grey, occasionally dark grey, silty in part, rare to occasionally micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: dark grey, minor medium to dark grey brown, rare very dark grey, argillaceous to arenaceous, micro micaceous in part, occasional disseminated pyrite, minor lithics, hard, minor very hard, sub blocky to sub fissile, minor fissile. |
| 2115 | 2118 | 20  80 | CLAYSTONE: dark brown grey, occasionally dark grey, silty in part, rare to occasionally micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: dark grey, minor dark grey brown, minor very dark grey, argillaceous to arenaceous, micro micaceous in part, minor lithics, hard, minor very hard, sub blocky to dominantly sub fissile, minor fissile. |
| 2118 | 2121 | 10  90 | CLAYSTONE: dark brown grey, occasionally dark grey, silty in part, rare to occasionally micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: dark grey, minor dark grey brown, minor very dark grey, argillaceous to arenaceous, commonly micro micaceous, minor lithics, rare disseminated pyrite, hard, minor very hard, sub blocky to dominantly sub fissile, minor fissile. |
| 2121 | 2124 | 30  70 | CLAYSTONE: dark brown grey, occasionally dark grey, commonly silty, minor micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: dark to occasionally very dark grey, minor dark grey brown, argillaceous to arenaceous, commonly micro micaceous, minor lithics, rare disseminated pyrite, hard, minor firm to very hard, sub blocky to dominantly sub fissile, minor fissile. |
| 2124 | 2127 | 20  80 | CLAYSTONE: dark grey, dark grey brown, commonly silty, occasionally micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: dark to occasionally very dark grey, minor dark grey brown, argillaceous to minor arenaceous, commonly micro micaceous, minor lithics, occasional disseminated pyrite, hard, minor firm to very hard, sub blocky to dominantly sub fissile, minor fissile. |
| 2127 | 2130 | 10  90 | CLAYSTONE: dark grey, dark grey brown, commonly silty, occasionally micro micaceous, hard to occasionally moderately hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: dark to occasionally very dark grey, minor dark grey brown, argillaceous to minor arenaceous, commonly micro micaceous, minor lithics, occasional disseminated pyrite, hard, minor firm to very hard, sub blocky to sub fissile, minor fissile. |
| 2130 | 2133 | 30  70 | CLAYSTONE: dark grey to brown grey, commonly silty, occasionally micro micaceous, firm to hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: dark to occasionally very dark grey, minor dark grey brown, argillaceous to minor arenaceous, commonly micro micaceous, minor lithics, occasional disseminated pyrite, hard, minor firm to very hard, sub blocky to sub fissile, minor fissile. |
| 2133 | 2136 | 10  90 | CLAYSTONE: dark grey to brown grey, commonly silty, occasionally micro micaceous, occasional disseminated pyrite, firm to hard, sub fissile, minor fissile to sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous to arenaceous, commonly micro micaceous, minor lithics, minor disseminated pyrite, hard to very hard, sub blocky to sub fissile, minor fissile. |
| 2136 | 2139 | 20  70  10 | CLAYSTONE: dark grey to brown grey, commonly silty, occasionally micro micaceous, occasional disseminated pyrite, firm to occasionally hard, sub fissile, minor fissile to rare sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous to arenaceous, commonly micro micaceous, minor lithics, minor disseminated pyrite, hard to very hard, sub blocky to sub fissile, minor fissile.  SANDSTONE: light grey to off white, very fine, very well sorted, sub angular to sub rounded, moderately siliceous cement, common off white argillaceous matrix, occasional to common dark lithics, moderately hard to occasionally friable, tight visual porosity, no fluorescence. |
| 2139 | 2142 | 30  70 | CLAYSTONE: dark grey to brown grey, commonly silty, minor micro micaceous, occasional disseminated pyrite, firm to occasionally hard, sub fissile, minor fissile to rare sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous to occasionally arenaceous, commonly micro micaceous, minor lithics, minor disseminated pyrite, hard to very hard, sub blocky to sub fissile, minor fissile. |
|  |  |  | WSG: Geoservices / D. Adderley |
| 2142 | 2145 | 20  80 | CLAYSTONE: dark grey to dark brownish grey, commonly silty, minor micro micaceous, occasional to locally common disseminated pyrite, firm to moderately hard, dominantly sub fissile, occasionally fissile, rare sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous to minor arenaceous, commonly micro micaceous, trace lithics, minor disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2145 | 2148 | 30  70  Trace | CLAYSTONE: dark grey to dark brownish grey, commonly silty, minor micro micaceous, occasional to locally common disseminated pyrite, firm to moderately hard, dominantly sub fissile, occasionally fissile, rare sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous to minor arenaceous, commonly micro micaceous, trace lithics, minor disseminated pyrite, hard to very hard, sub blocky to sub fissile.  SANDSTONE: light grey to off white, minor light to medium grey, very fine, very well sorted, sub angular to sub rounded, moderately siliceous cement, common off white argillaceous matrix, occasional to common dark lithics, moderately hard to occasionally friable, tight visual porosity, no fluorescence. |
| 2148 | 2151 | 30  70 | CLAYSTONE: dark grey to dark brownish grey, commonly silty, minor micro micaceous, occasional to locally common disseminated pyrite, firm to moderately hard, dominantly sub fissile, occasionally fissile, rare sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous to minor arenaceous, commonly micro micaceous, trace lithics, minor disseminated pyrite, hard to very hard, occasionally firm to moderately hard, sub blocky to sub fissile. |
| 2151 | 2154 | 40  60 | CLAYSTONE: dark grey to dark brownish grey, commonly silty, minor micro micaceous, occasional to locally common disseminated pyrite, firm to moderately hard, dominantly sub fissile, occasionally fissile, rare sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous to minor arenaceous, commonly micro micaceous, trace lithics, minor disseminated pyrite, hard to very hard, occasionally firm to moderately hard, sub blocky to sub fissile. |
| 2154 | 2157 | 30  70 | CLAYSTONE: dark grey to dark brownish grey, commonly silty, minor micro micaceous, trace to occasional disseminated pyrite, firm to moderately hard, dominantly sub fissile to occasionally sub blocky, occasionally fissile.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous to minor arenaceous, commonly micro micaceous, trace lithics, minor disseminated pyrite, hard to very hard, occasionally firm to moderately hard, sub blocky to sub fissile. |
| 2157 | 2160 | 30  70 | CLAYSTONE: dark grey to dark brownish grey, commonly silty, minor micro micaceous, trace disseminated pyrite, firm to moderately hard, dominantly sub fissile to occasionally sub blocky, occasionally fissile.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous, minor to locally commonly arenaceous, commonly micro micaceous, trace lithics, hard to very hard, occasionally firm to moderately hard, sub blocky to sub fissile. |
| 2160 | 2163 | 40  60 | CLAYSTONE: dark grey to dark brownish grey, commonly silty, minor micro micaceous, trace to occasional disseminated pyrite, firm to moderately hard, dominantly sub fissile to occasionally fissile, occasionally sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous, minor to locally commonly arenaceous, commonly micro micaceous, trace lithics, hard to very hard, occasionally firm to moderately hard, sub blocky to sub fissile. |
| 2163 | 2166 | 30  70 | CLAYSTONE: dark grey to dark brownish grey, dark to very dark grey in part, commonly silty, trace micro micaceous, rare disseminated pyrite, firm to moderately hard, dominantly sub fissile to occasionally fissile, occasionally sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous to minor arenaceous, commonly micro micaceous, trace lithics, hard to very hard, occasionally firm to moderately hard, sub blocky to sub fissile. |
| 2166 | 2169 | 20  80 | CLAYSTONE: dark grey to dark brownish grey, dark to very dark grey in part, commonly silty, trace micro micaceous, rare disseminated pyrite, firm to moderately hard, dominantly sub fissile to occasionally fissile, occasionally sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous, arenaceous grading to very fine SANDSTONE in part, commonly micro micaceous, trace lithics, hard to very hard, occasionally firm to moderately hard, sub blocky to sub fissile. |
| 2169 | 2172 | 30  70  Trace | CLAYSTONE: dark grey to dark brownish grey, dark to very dark grey in part, commonly silty, trace micro micaceous, rare disseminated pyrite, firm to moderately hard, dominantly sub fissile to sub blocky, occasionally fissile.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous, arenaceous in part, commonly micro micaceous, trace lithics, rare disseminated pyrite, hard to very hard, occasionally firm to moderately hard, sub blocky to sub fissile.  SANDSTONE: light to medium grey, very fine, well sorted, sub rounded to sub angular, strong siliceous cement, common medium grey silty matrix, common dark lithics, very hard, tight visual porosity, no fluorescence. |
| 2172 | 2175 | 20  80  Trace | CLAYSTONE: dark grey to dark brownish grey, dark to very dark grey in part, commonly silty, trace micro micaceous, rare disseminated pyrite, firm to moderately hard, dominantly sub fissile to sub blocky, occasionally fissile.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous, arenaceous in part, commonly micro micaceous, trace lithics, rare to trace disseminated pyrite, hard to very hard, occasionally firm to moderately hard, sub blocky to sub fissile.  SANDSTONE: light to medium grey, off white in part, very fine, well sorted, sub rounded to sub angular, strong siliceous cement, common medium grey silty matrix, common dark lithics, very hard, tight visual porosity, no fluorescence. |
| 2175 | 2178 | 10  80  10 | CLAYSTONE: dark grey to dark brownish grey, very dark grey in part, commonly silty, trace micro micaceous, rare disseminated pyrite, firm to moderately hard, dominantly sub fissile occasionally fissile to sub blocky.  SILTSTONE: dark to very dark grey, minor dark grey brown, argillaceous, occasionally arenaceous, commonly micro micaceous, trace lithics, rare to trace disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to sub fissile.  SANDSTONE: light to medium grey, off white in part, very fine, well sorted, sub rounded to dominantly sub angular, strong to moderately siliceous cement, common medium grey silty matrix, common dark lithics, very hard, tight visual porosity, no fluorescence. |
| 2178 | 2181 | 10  80  10 | CLAYSTONE: dark grey to dark brownish grey, very dark grey in part, commonly silty, trace micro micaceous, firm to moderately hard, dominantly sub fissile occasionally fissile to sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous, occasionally arenaceous, commonly micro micaceous, trace lithics, rare to trace disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to sub fissile.  SANDSTONE: off white to light grey, very fine, well sorted, sub rounded to dominantly sub angular, strong to moderately siliceous cement, common medium grey silty matrix, common dark lithics, very hard, tight visual porosity, no fluorescence. |
| 2181 | 2184 | 20  80  Trace | CLAYSTONE: dark grey to dark brownish grey, very dark grey in part, commonly silty, trace micro micaceous, firm to moderately hard, dominantly sub fissile occasionally fissile to sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to occasionally arenaceous, commonly micro micaceous, trace lithics, rare to trace disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to sub fissile.  SANDSTONE: off white to light grey, very fine, well sorted, sub rounded to dominantly sub angular, strong to moderately siliceous cement, common medium grey silty matrix, common dark lithics, very hard, tight visual porosity, no fluorescence. |
| 2184 | 2187 | 20  80 | CLAYSTONE: dark grey to dark brownish grey, very dark grey in part, commonly silty, trace micro micaceous, firm to moderately hard, dominantly sub fissile occasionally fissile to sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to occasionally arenaceous, commonly micro micaceous, trace lithics, minor disseminated and nodular pyrite, hard to very hard, occasionally moderately hard, sub blocky to sub fissile. |
| 2187 | 2190 | 20  80 | CLAYSTONE: dark grey, very dark grey in part, occasionally dark grey brown, commonly silty, trace micro micaceous, firm to moderately hard, dominantly sub fissile occasionally fissile to sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to occasionally arenaceous, commonly micro micaceous, occasional localised lithics, minor disseminated and nodular pyrite, hard to very hard, occasionally moderately hard, sub blocky to sub fissile. |
| 2190 | 2193 | 10  90 | CLAYSTONE: dark grey, very dark grey in part, occasionally dark grey brown, commonly silty, trace micro micaceous, firm to moderately hard, dominantly sub fissile occasionally fissile to sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to occasionally arenaceous, commonly micro micaceous, occasional localised lithics, minor disseminated and nodular pyrite, hard to very hard, occasionally moderately hard, sub blocky to sub fissile, rare fissile. |
| 2193 | 2196 | 10  90 | CLAYSTONE: dark grey, very dark grey in part, occasionally dark grey brown, commonly silty, trace micro micaceous, firm to moderately hard, dominantly sub fissile occasionally fissile to sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to occasionally arenaceous, commonly micro micaceous, occasional localised lithics, minor disseminated and nodular pyrite, hard to very hard, occasionally moderately hard, sub blocky to sub fissile, rare fissile. |
| 2196 | 2199 | 20  80 | CLAYSTONE: dark grey, very dark grey in part, occasionally dark grey brown, commonly silty, trace micro micaceous, firm to moderately hard, dominantly sub fissile occasionally fissile to sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to commonly arenaceous, locally common micro micaceous, occasional localised lithics, minor disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to sub fissile. |
| 2199 | 2202 | 40  60 | CLAYSTONE: medium grey to grey brown, dark grey in part, occasionally dark grey brown, commonly silty, trace micro micaceous, occasionally disseminated pyrite, firm to moderately hard, dominantly sub fissile occasionally sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to commonly arenaceous, locally common micro micaceous, occasional localised lithics, occasional disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to sub fissile. |
| 2202 | 2205 | 50  50 | CLAYSTONE: medium to dark grey, dark grey brown, commonly silty, common micro micaceous, firm to moderately hard, dominantly sub fissile occasionally sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to commonly arenaceous, locally common micro micaceous, occasional lithics, rare disseminated pyrite, hard, occasionally moderately hard, sub blocky to sub fissile. |
| 2205 | 2208 | 50  50 | CLAYSTONE: medium to dark grey, dark grey brown, commonly silty, common micro micaceous, firm to moderately hard, dominantly sub fissile occasionally sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to commonly arenaceous, locally common micro micaceous, occasional lithics, rare disseminated pyrite, hard, occasionally moderately hard, sub blocky to commonly sub fissile. |
| 2208 | 2211 | 60  40 | CLAYSTONE: light to medium brown, medium to dark grey, dark grey brown, commonly silty, common micro micaceous, firm to occasionally moderately hard, dominantly sub fissile occasionally sub blocky.  SILTSTONE: dark to very dark grey, dark grey brown, argillaceous to arenaceous, locally common micro micaceous, occasional lithics, rare disseminated pyrite, hard, occasionally moderately hard, sub blocky to commonly sub fissile. |
| 2211 | 2214 | 80  20 | CLAYSTONE: very dark grey, very dark grey brown, rare silty, occasionally micro micaceous, hard to moderately hard, dominantly sub fissile occasionally sub blocky.  SILTSTONE: very dark grey, very dark grey brown, argillaceous to minor arenaceous, micro micaceous, occasional lithics, trace disseminated pyrite, hard, occasionally moderately hard to very hard, sub blocky to sub fissile. |
| 2214 | 2217 | 90  10 | CLAYSTONE: very dark grey, very dark grey brown, rare silty, occasionally micro micaceous, rare calcite veins, hard to moderately hard, dominantly sub fissile occasionally sub blocky.  SILTSTONE: very dark grey, very dark grey brown, argillaceous to minor arenaceous, micro micaceous, occasional lithics, trace disseminated pyrite, hard, occasionally moderately hard to very hard, sub blocky to sub fissile. |
| 2217 | 2220 | 100  Trace | CLAYSTONE: very dark grey, very dark to dark grey brown, rare silty, occasionally micro micaceous, minor disseminated pyrite, hard to moderately hard, minor very hard, dominantly sub fissile occasionally sub blocky.  SILTSTONE: very dark grey, very dark grey brown, argillaceous to minor arenaceous, micro micaceous, occasional lithics, trace disseminated pyrite, hard, occasionally moderately hard to very hard, sub blocky to sub fissile. |
| 2220 | 2223 | 100  Trace | CLAYSTONE: very dark grey, very dark to dark grey brown, rare silty, occasionally micro micaceous, minor to locally occasional disseminated pyrite, hard to moderately hard, minor very hard, dominantly sub fissile occasionally sub blocky.  SILTSTONE: very dark grey, very dark grey brown, argillaceous to minor arenaceous, micro micaceous, occasional lithics, trace disseminated pyrite, hard, occasionally moderately hard to very hard, sub blocky to sub fissile. |
| 2223 | 2226 | 100  Trace | CLAYSTONE: very dark grey, very dark to dark grey brown, rare to minor silty, occasionally micro micaceous, minor disseminated pyrite, hard to moderately hard, minor very hard, dominantly sub fissile occasionally sub blocky.  SILTSTONE: very dark grey, very dark grey brown, argillaceous to minor arenaceous, micro micaceous, trace lithics, trace disseminated pyrite, hard, occasionally moderately hard to very hard, sub blocky to sub fissile. |
| 2226 | 2229 | 100 | CLAYSTONE: very dark grey, very dark to dark grey brown, minor silty, rare to occasionally micro micaceous, minor disseminated pyrite, hard to moderately hard, minor very hard, dominantly sub fissile, occasionally sub blocky. |
| 2229 | 2232 | 100 | CLAYSTONE: very dark grey, very dark to dark grey brown, minor silty, occasionally micro micaceous, minor disseminated pyrite, rare nodular pyrite, hard to moderately hard, minor very hard, dominantly sub fissile to sub blocky. |
| 2232 | 2235 | 90  10  Trace | CLAYSTONE: very dark grey, very dark to dark grey brown, minor silty, occasionally micro micaceous, minor disseminated pyrite, rare nodular pyrite, hard to moderately hard, minor very hard, dominantly sub fissile to sub blocky.  SILTSTONE: medium to dark grey, very dark grey in part, argillaceous, minor arenaceous, commonly micro micaceous, hard, occasionally moderately hard, sub blocky to sub fissile.  SANDSTONE: light to medium grey, very fine, well sorted, sub angular to sub rounded, moderate siliceous cement, minor medium grey silty matrix, minor lithics, friable to moderately hard, hard in part, tight visual porosity, no fluorescence.  \*Contaminated due to jetting of possum belly |
| 2235 | 2238 | 100  Trace  Trace | CLAYSTONE: very dark grey, very dark to dark grey brown, minor silty, minor micro micaceous, rare disseminated pyrite, hard to moderately hard, minor very hard, dominantly sub fissile to sub blocky.  SILTSTONE: medium to dark grey, argillaceous, minor arenaceous, rare disseminated pyrite, firm to moderately hard, sub blocky to sub fissile  SANDSTONE: light to medium grey, off white in part, very fine, well sorted, sub angular to sub rounded, moderate siliceous cement, minor medium grey silty matrix, minor lithics, friable to moderately hard, hard in part, tight visual porosity, no fluorescence.  \*Contaminated due to jetting of possum belly? |
| 2238 | 2241 | 100  Trace | CLAYSTONE: very dark grey, very dark to dark grey brown, minor silty, trace micro micaceous, rare disseminated pyrite, rare nodular pyrite, hard to moderately hard, minor very hard, dominantly sub fissile to sub blocky.  SILTSTONE: dominantly medium to dark grey, argillaceous, minor arenaceous grading to very fine SANDSTONE in part, rare disseminated pyrite, firm to moderately hard, sub blocky to sub fissile |
| 2241 | 2244 | 100 | CLAYSTONE: very dark grey, very dark to dark grey brown, minor silty, minor micro micaceous, rare disseminated pyrite, rare nodular pyrite, hard to moderately hard, minor very hard, rare firm, dominantly sub fissile to sub blocky. |
| 2244 | 2247 | 100  Trace | CLAYSTONE: very dark grey, very dark to dark grey brown, minor silty, minor micro micaceous, trace disseminated & nodular pyrite, hard to moderately hard, minor very hard, rare firm, dominantly sub fissile to sub blocky.  SANDSTONE: light to medium grey, very fine, well sorted, sub angular to sub rounded, moderate siliceous cement, slightly calcareous common medium grey silty matrix, common dark lithics, trace mica, friable to moderately hard, tight visual porosity, no fluorescence. |
| 2247 | 2250 | 100  Trace | CLAYSTONE: very dark grey, very dark to dark grey brown, minor silty, minor micro micaceous, trace disseminated & nodular pyrite, hard to moderately hard, minor very hard, rare firm, dominantly sub fissile to sub blocky.  SANDSTONE: light to medium grey, very fine, well sorted, sub angular to sub rounded, moderate siliceous cement, slightly calcareous common medium grey silty matrix, common dark lithics, trace mica, friable to moderately hard, tight visual porosity, no fluorescence. |
| 2250 | 2253 | 100 | CLAYSTONE: very dark grey, dark grey black, minor silty, minor micro micaceous, trace disseminated and common nodular pyrite, firm to dominantly hard, sub fissile to sub blocky. |
| 2253 | 2256 | 100 | CLAYSTONE: very dark grey, dark grey black, minor silty, minor micro micaceous, trace disseminated and occasional nodular pyrite, firm to dominantly hard, sub fissile to sub blocky, blocky in part. |
| 2256 | 2259 | 100 | CLAYSTONE: very dark grey, dark grey black, minor silty, minor micro micaceous, trace disseminated and occasional nodular pyrite, firm to dominantly hard, sub fissile to sub blocky, blocky in part. |
| 2259 | 2262 | 100 | CLAYSTONE: very dark grey, dark grey black, minor silty, minor micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, sub fissile to sub blocky, blocky in part. |
| 2262 | 2265 | 100 | CLAYSTONE: very dark grey, dark grey black, minor silty, minor micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, sub fissile to sub blocky, blocky in part. |
| 2265 | 2268 | 100 | CLAYSTONE: very dark grey, dark grey black, rare silty, minor micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, sub fissile to sub blocky, blocky in part. |
| 2268 | 2271 | 100 | CLAYSTONE: very dark grey, dark grey black, rare silty, minor micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, sub fissile to sub blocky, blocky in part. |
| 2271 | 2274 | 100 | CLAYSTONE: very dark grey, dark grey black, rare silty, minor micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub fissile to sub blocky, blocky in part. |
| 2274 | 2277 | 100 | CLAYSTONE: very dark grey, dark grey black, occasionally very dark brown grey, rare silty, minor micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub fissile to sub blocky, blocky in part. |
| 2277 | 2280 | 100 | CLAYSTONE: very dark grey, dark grey black, occasionally very dark brown grey, rare silty, minor micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub fissile to sub blocky, blocky in part. |
| 2280 | 2283 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub fissile to sub blocky, blocky in part. |
| 2283 | 2286 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub fissile to sub blocky, blocky in part. |
| 2286 | 2289 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, trace disseminated and occasional nodular pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub blocky, occasionally sub fissile to blocky in part. |
| 2289 | 2292 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub blocky, occasionally sub fissile to blocky in part. |
| 2292 | 2295 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub blocky, occasionally sub fissile to blocky in part. |
| 2295 | 2298 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, occasional disseminated and nodular pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub blocky, occasionally sub fissile to blocky in part. |
| 2298 | 2301 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, occasional disseminated and rare nodular pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub blocky, occasionally sub fissile to blocky in part. |
| 2301 | 2304 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub blocky, occasionally sub fissile to blocky in part. |
| 2304 | 2307 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard to very hard in part, minor moderately hard, sub blocky, occasionally sub fissile to blocky in part. |
| 2307 | 2310 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, minor to occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard, minor moderately hard to firm, sub blocky, occasionally sub fissile to blocky in part. |
| 2310 | 2313 | 100 | CLAYSTONE: very dark grey, dark grey black, minor very dark brown grey, rare silty, occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard, minor moderately hard to firm, sub blocky, occasionally sub fissile to blocky in part. |
| 2313 | 2316 | 100 | CLAYSTONE: very dark grey, dark grey black, occasionally dark brown grey, rare silty, occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard to firm, sub blocky, occasionally sub fissile to blocky in part. |
| 2316 | 2319 | 100 | CLAYSTONE: very dark grey, dark grey black, occasionally dark brown grey, rare silty, occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard to firm, sub blocky, occasionally sub fissile to blocky in part. |
| 2319 | 2322 | 100 | CLAYSTONE: very dark grey, dark grey black, occasionally dark brown grey, minor light to medium brown, rare silty, occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard to soft, sub blocky, occasionally sub fissile to blocky in part. |
| 2322 | 2325 | 95  5 | CLAYSTONE: very dark grey, dark grey black, occasionally dark brown grey, minor light to medium brown, rare silty, occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard to soft, sub blocky, occasionally sub fissile to blocky in part.  SILTSTONE: light to medium brown, medium grey, argillaceous, grading to Claystone in part, trace lithics, firm to soft, sub blocky. |
| 2325 | 2328 | 95  5 | CLAYSTONE: very dark grey, dark grey black, occasionally dark brown grey, minor light to medium brown, rare silty, occasionally micro micaceous, occasional disseminated pyrite, rare lithics, hard to soft, sub blocky, occasionally sub fissile to blocky in part.  SILTSTONE: medium grey, light to medium brown, argillaceous to arenaceous, trace lithics, moderately hard, firm to soft in part, sub blocky. |
| 2328 | 2331 | 95  5 | CLAYSTONE: very dark grey, dark grey black, occasionally dark brown grey, minor light to medium brown, rare silty, occasionally to locally commonly micro micaceous, occasional disseminated pyrite, rare nodular pyrite, rare lithics, hard to soft, sub blocky, occasionally sub fissile to blocky in part.  SILTSTONE: medium grey, light to medium brown, argillaceous to arenaceous, trace lithics, moderately hard, firm to soft in part, sub blocky. |
| 2331 | 2334 | 90  10 | CLAYSTONE: very dark grey to dark greyish black, occasionally dark brown grey, minor light to medium brown, minor silty, occasionally to locally commonly micro micaceous, occasional disseminated pyrite, rare lithics, hard to soft, sub blocky, occasionally sub fissile to blocky in part.  SILTSTONE: medium grey, light to medium brown, argillaceous to locally commonly arenaceous, trace lithics, trace micro mica, moderately hard, firm to soft in part, sub blocky. |
| 2334 | 2337 | 80  20 | CLAYSTONE: very dark grey to dark grey, minor dark greyish black, occasionally dark brown grey, minor light to medium brown, minor silty, minor micro micaceous, trace disseminated pyrite, rare lithics, hard to soft, sub blocky to minor sub fissile.  SILTSTONE: medium grey, light to medium brown, argillaceous to locally commonly arenaceous with minor grading to very fine SANDSTONE, trace lithics, trace micro mica, moderately hard, firm to soft in part, sub blocky. |
| 2337 | 2340 | 80  20  Trace | CLAYSTONE: very dark grey to dark grey, minor dark greyish black, occasionally dark brown grey, minor light to medium brown, minor silty, minor to locally commonly micro micaceous, trace disseminated pyrite, rare lithics, hard to soft, sub blocky to minor sub fissile.  SILTSTONE: medium grey, light to medium brown, argillaceous to locally commonly arenaceous with minor grading to very fine SANDSTONE, trace lithics, moderately hard, firm to soft in part, sub blocky.  SANDSTONE: light to medium grey, minor very light grey, very fine, well sorted, sub angular to sub rounded, moderate siliceous cement, strong calcareous cement, common light to medium grey silty matrix, common micro mica, friable to moderately hard, tight visual porosity, no fluorescence. |
| 2340 | 2343 | 80  20 | CLAYSTONE: very dark grey to dark grey, minor dark greyish black, occasionally dark brown grey, minor light to medium brown, minor silty, occasionally micro micaceous, trace disseminated pyrite, rare lithics, moderately hard to soft, hard in part, sub blocky to minor sub fissile.  SILTSTONE: medium grey to medium dark grey, light to medium brown, argillaceous to locally commonly arenaceous, trace lithics, trace micro mica, moderately hard to hard, firm to soft in part, sub blocky. |
| 2343 | 2346 | 90  10 | CLAYSTONE: very dark grey to dark grey, minor dark greyish black, occasionally dark brown grey, minor light to medium brown, minor silty, occasionally micro micaceous, trace disseminated pyrite, rare nodular pyrite, rare lithics, moderately hard to soft, hard in part, sub blocky to minor sub fissile.  SILTSTONE: medium grey to medium dark grey, light to medium brown, argillaceous to locally commonly arenaceous, trace lithics, trace micro mica, moderately hard to hard, firm to soft in part, sub blocky. |
| 2346 | 2349 | 80  20 | CLAYSTONE: very dark to dark grey, minor dark greyish black, minor dark greyish brown, minor medium brown, minor silty, occasionally micro micaceous, trace disseminated pyrite, rare nodular pyrite, moderately hard, soft to firm in part, sub blocky to sub fissile.  SILTSTONE: medium to medium dark grey, light to medium brown, argillaceous, minor to locally commonly arenaceous, grading to very fine SANDSTONE in part, trace lithics, trace micro mica, moderately hard to hard, firm in part, sub blocky. |
| 2349 | 2352 | 70  30 | CLAYSTONE: very dark to dark grey, minor dark greyish black, minor dark greyish brown, minor medium brown, minor silty, occasionally micro micaceous, trace disseminated pyrite, rare nodular pyrite, moderately hard, soft to firm in part, sub blocky to sub fissile.  SILTSTONE: medium to medium dark grey, light to medium brown, argillaceous, minor to locally commonly arenaceous, grading to very fine SANDSTONE in part, trace lithics, trace micro mica, moderately hard to hard, firm in part, sub blocky. |
| 2352 | 2355 | 70  30  Trace | CLAYSTONE: medium grey to dark grey, minor dark to very dark grey, minor medium brown grey, minor silty, minor micro micaceous, trace disseminated pyrite, moderately hard, soft to firm in part, sub blocky to sub fissile.  SILTSTONE: medium to medium dark grey, dark grey in part, minor light to medium brown, argillaceous, minor to locally commonly arenaceous, trace lithics, trace micro mica, moderately hard to hard, firm in part, sub blocky.  SANDSTONE: light to medium grey, minor very light grey, very fine, well sorted, sub angular to sub rounded, moderate siliceous cement, common light to medium grey silty matrix, common micro mica, moderately hard, hard in part, tight visual porosity, no fluorescence. |
| 2355 | 2358 | 80  20  Trace | CLAYSTONE: medium grey to dark grey, minor dark to very dark grey, minor medium brown grey, minor silty, minor micro micaceous, minor disseminated pyrite, moderately hard, soft to firm in part, sub blocky to sub fissile.  SILTSTONE: medium to medium dark grey, dark grey in part, minor light to medium brown, argillaceous, minor to locally commonly arenaceous, grading to very fine SANDSTONE in part, trace lithics, trace micro mica, moderately hard to hard, firm in part, sub blocky.  SANDSTONE: light to medium grey, minor very light grey to off white, very fine, well sorted, sub angular to sub rounded, moderate siliceous cement, common light to medium grey silty matrix, common micro mica, moderately hard, hard in part, tight visual porosity, no fluorescence. |
| 2358 | 2361 | 80  20  Trace | CLAYSTONE: medium grey to dark grey, minor dark to very dark grey, minor medium to light brown grey, minor silty, minor micro micaceous, minor disseminated pyrite, trace nodular pyrite, moderately hard, soft to firm in part, sub blocky to sub fissile.  SILTSTONE: medium to medium dark grey, dark grey in part, minor light to medium brown, argillaceous, minor to locally commonly arenaceous, grading to very fine SANDSTONE in part, trace lithics, trace micro mica, trace disseminated pyrite, moderately hard to hard, firm in part, sub blocky.  SANDSTONE: light to medium grey, minor very light grey to off white, very fine, well sorted, sub angular to sub rounded, moderate siliceous cement, common light to medium grey silty matrix, common micro mica, moderately hard, hard in part, tight visual porosity, no fluorescence. |
| 2361 | 2364 | 80  20  Trace | CLAYSTONE: medium grey to dark grey, minor dark to very dark grey, minor medium to light brown grey, minor silty, minor micro micaceous, minor disseminated pyrite, trace nodular pyrite, firm to moderately hard, soft to firm in part, sub blocky to sub fissile.  SILTSTONE: medium to medium dark grey, dark grey in part, minor light to medium brown, argillaceous, minor to locally commonly arenaceous, trace micro mica, trace disseminated pyrite, moderately hard to hard, firm in part, sub blocky.  SANDSTONE: light to medium grey, minor very light grey to off white, very fine, well sorted, sub angular to sub rounded, moderate siliceous cement, common light to medium grey silty matrix, common micro mica, moderately hard, hard in part, tight visual porosity, no fluorescence. |
| 2364 | 2367 | 90  10 | CLAYSTONE: medium grey to dark grey, minor medium to light brown, minor silty, occasionally micro micaceous, trace disseminated pyrite, firm to moderately hard, soft in part, sub fissile to sub blocky,  SILTSTONE: medium to medium dark grey, minor dark grey brown, argillaceous, minor to locally commonly arenaceous, trace micro mica, rare disseminated pyrite, moderately hard to hard, sub blocky. |
| 2367 | 2370 | 90  10 | CLAYSTONE: medium grey to medium grey brown minor dark grey, minor light brown grey, silty in part, trace micro micaceous, trace disseminated pyrite, firm to moderately hard, soft in part, sub fissile to sub blocky,  SILTSTONE: medium to medium dark grey, minor dark grey brown, minor light to medium grey, argillaceous, minor to locally commonly arenaceous, trace micro mica, rare disseminated pyrite, moderately hard to hard, sub blocky. |
| 2370 | 2373 | 80  20 | CLAYSTONE: medium grey to medium grey brown minor dark grey, minor light brown grey, silty in part, trace micro micaceous, trace disseminated pyrite, trace nodular pyrite, firm to moderately hard, soft in part, sub fissile to sub blocky.  SILTSTONE: medium to medium dark grey, minor dark grey brown, minor light to medium grey, argillaceous, minor to locally commonly arenaceous, grading to very fine SANDSTONE in part, trace micro mica, rare disseminated pyrite, moderately hard to hard, sub blocky. |
| 2373 | 2376 | 70  30 | CLAYSTONE: medium grey to medium grey brown minor dark grey, minor light brown grey, silty in part, trace micro micaceous, trace disseminated pyrite, firm to moderately hard, soft in part, sub fissile to sub blocky.  SILTSTONE: medium to medium dark grey, minor dark grey brown, argillaceous, minor to locally commonly arenaceous, grading to very fine SANDSTONE in part, trace micro mica, rare disseminated pyrite, moderately hard to hard, sub blocky, minor sub fissile. |
| 2376 | 2379 | 60  40 | CLAYSTONE: dark grey to dark grey brown, minor medium grey, silty in part, occasionally micro micaceous, minor disseminated pyrite, moderately hard, minor firm to hard, generally sub blocky, occasionally sub fissile.  SILTSTONE: medium to occasionally dark grey brown, medium grey, minor light brown, argillaceous to occasionally arenaceous, minor siliceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, moderately hard to hard, sub blocky, minor blocky. |
| 2379 | 2382 | 60  40 | CLAYSTONE: dark grey to dark grey brown, minor medium grey, minor medium brown, silty in part, occasionally micro micaceous, minor disseminated pyrite, moderately hard, minor firm to hard, generally sub blocky, occasionally sub fissile.  SILTSTONE: medium to occasionally dark grey brown, medium grey, minor light brown, argillaceous to occasionally arenaceous, minor siliceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, moderately hard to hard, sub blocky, minor blocky. |
| 2382 | 2385 | 70  30 | CLAYSTONE: dark grey to dark grey brown, rare medium grey, minor medium brown, silty in part, occasionally micro micaceous, rare disseminated pyrite, moderately hard, minor firm to hard, generally sub blocky, occasionally sub fissile.  SILTSTONE: medium to occasionally dark grey brown, medium grey, minor light brown, argillaceous to occasionally arenaceous, minor siliceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky, minor blocky. |
| 2385 | 2388 | 70  30 | CLAYSTONE: dark grey to dark grey brown, rare medium grey, minor medium brown, silty in part, occasionally micro micaceous, rare disseminated pyrite, moderately hard, minor firm to hard, generally sub blocky, occasionally sub fissile.  SILTSTONE: medium to occasionally dark grey brown, medium grey, minor light brown, argillaceous to occasionally arenaceous, occasionally siliceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky, minor blocky. |
| 2388 | 2391 | 60  40 | CLAYSTONE: dark grey to dark grey brown, occasionally medium grey, minor medium brown, silty in part, occasionally micro micaceous, rare disseminated pyrite, moderately hard, minor firm to hard, generally sub blocky, occasionally sub fissile.  SILTSTONE: medium to occasionally dark grey brown, medium grey, argillaceous to arenaceous, occasionally siliceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky, minor blocky. |
| 2391 | 2394 | 60  40 | CLAYSTONE: medium to dark grey, dark grey brown, occasionally medium grey, silty in part, occasionally micro micaceous, rare disseminated pyrite, moderately hard, minor firm to hard, generally sub blocky, occasionally sub fissile.  SILTSTONE: medium to occasionally dark grey brown, medium grey, argillaceous to minor arenaceous, occasionally siliceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky, minor blocky. |
| 2394 | 2397 | 60  40 | CLAYSTONE: medium to dark grey, dark grey brown, occasionally medium grey, silty in part, occasionally micro micaceous, rare disseminated pyrite, moderately hard, minor firm to hard, generally sub blocky to sub fissile, minor fissile.  SILTSTONE: medium to occasionally dark grey brown, medium grey, argillaceous to minor arenaceous, occasionally siliceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky, minor blocky. |
| 2397 | 2400 | 50  50 | CLAYSTONE: medium to dark grey, dark grey brown, occasionally medium grey, silty in part, occasionally micro micaceous, rare disseminated pyrite, moderately hard, minor firm to hard, generally sub blocky to sub fissile, minor fissile.  SILTSTONE: medium to occasionally dark grey brown, medium grey, argillaceous to minor arenaceous, occasionally siliceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky, minor blocky. |
| 2400 | 2403 | 40  60 | CLAYSTONE: medium to dark grey, dark grey brown, occasionally medium grey, silty in part, occasionally micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium to occasionally dark grey brown, medium grey, argillaceous to minor arenaceous, occasionally siliceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky, minor blocky. |
| 2403 | 2406 | 50  50 | CLAYSTONE: medium to dark grey, dark grey brown, occasionally medium grey, silty in part, occasionally micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium to occasionally dark grey, medium to dark grey brown, argillaceous to minor arenaceous, occasionally siliceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky, minor blocky. |
| 2406 | 2409 | 50  50 | CLAYSTONE: medium to dark grey, dark grey brown, occasionally medium grey, silty in part, occasionally micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium to occasionally dark grey, medium to dark grey brown, argillaceous to minor arenaceous, occasionally siliceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to sub fissile, minor blocky. |
| 2409 | 2412 | 40  60 | CLAYSTONE: medium to dark grey, dark grey brown, occasionally medium grey, silty in part, micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium brown, medium to occasionally dark grey, medium to dark grey brown, argillaceous to minor arenaceous, occasionally siliceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to sub fissile, minor blocky. |
| 2412 | 2415 | 40  60 | CLAYSTONE: medium to dark grey, dark grey brown, occasionally medium grey, silty in part, micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium brown, medium to occasionally dark grey, medium to dark grey brown, argillaceous to minor arenaceous, occasionally siliceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to sub fissile, minor blocky. |
| 2415 | 2418 | 30  70 | CLAYSTONE: medium to dark grey, light grey brown in part, occasionally medium grey, silty in part, micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium brown, light to occasionally dark grey, medium to dark grey brown, argillaceous to minor arenaceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to sub fissile, minor blocky. |
| 2418 | 2421 | 50  50 | CLAYSTONE: dark to occasionally medium grey, medium grey brown in part, silty in part, micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium to dark grey, medium to dark grey brown, argillaceous to rare arenaceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to sub fissile, minor blocky. |
| 2421 | 2424 | 50  50 | CLAYSTONE: dark to occasionally medium grey, medium grey brown in part, silty in part, micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium to dark grey, medium to dark grey brown, argillaceous to rare arenaceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2424 | 2427 | 60  40 | CLAYSTONE: medium brown, dark to occasionally medium grey, medium grey brown in part, silty in part, occasionally grading to argillaceous Siltstone, micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium to dark grey, medium to dark grey brown, argillaceous to rare arenaceous, micro micaceous, minor disseminated and rare nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2427 | 2430 | 50  50 | CLAYSTONE: medium to occasionally light brown, dark to occasionally medium grey, medium grey brown in part, silty in part, occasionally grading to argillaceous Siltstone, micro micaceous, rare disseminated pyrite, moderately hard to hard, sub blocky to sub fissile, minor fissile.  SILTSTONE: medium to dark grey, medium to dark grey brown, argillaceous to rare arenaceous, micro micaceous, minor disseminated and rare nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2430 | 2433 | 40  60 | CLAYSTONE: medium to occasionally light brown, dark to occasionally medium grey, medium grey brown in part, silty in part, occasionally grading to argillaceous Siltstone, micro micaceous, rare disseminated pyrite, moderately hard to hard in part, sub blocky to sub fissile, minor fissile.  SILTSTONE: dark to occasionally medium grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated and nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2433 | 2436 | 50  50 | CLAYSTONE: dark to occasionally medium grey, medium grey brown in part, silty in part, occasionally grading to argillaceous Siltstone, micro micaceous, rare disseminated pyrite, moderately hard to hard in part, sub blocky to sub fissile, minor fissile.  SILTSTONE: dark to occasionally medium grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2436 | 2439 | 60  40 | CLAYSTONE: dark to occasionally medium grey, medium grey brown in part, silty in part, occasionally grading to argillaceous Siltstone, micro micaceous, rare disseminated pyrite, moderately hard to hard in part, sub blocky to sub fissile, minor fissile.  SILTSTONE: dark to occasionally medium grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated and rare nodular pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2439 | 2442 | 60  40 | CLAYSTONE: dark to occasionally medium grey, light brown, medium grey brown in part, silty in part, occasionally grading to argillaceous Siltstone, micro micaceous, rare disseminated pyrite, moderately hard to hard in part, sub blocky to sub fissile, minor fissile.  SILTSTONE: dark to occasionally medium grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2442 | 2445 | 60  40 | CLAYSTONE: dark to occasionally medium grey, light brown, medium grey brown in part, silty in part, occasionally grading to argillaceous Siltstone, micro micaceous, rare disseminated pyrite, moderately hard to hard in part, sub blocky to sub fissile.  SILTSTONE: dark to occasionally medium grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2445 | 2448 | 50  50 | CLAYSTONE: dark to occasionally medium grey, light brown, medium grey brown in part, silty in part, occasionally grading to argillaceous Siltstone, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, sub blocky to sub fissile.  SILTSTONE: dark to occasionally medium grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated pyrite, trace lithics, hard to very hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2448 | 2451 | 60  40 | CLAYSTONE: dark to occasionally medium grey, light brown, medium grey brown in part, silty in part, occasionally grading to argillaceous Siltstone, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark to occasionally medium grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated pyrite, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2451 | 2454 | 80  20 | CLAYSTONE: dark to occasionally medium grey, medium grey brown in part, silty in part, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark to medium grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated and occasional nodular pyrite, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2454 | 2457 | 90  10 | CLAYSTONE: dark to occasionally medium grey, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark to medium grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated and occasional nodular pyrite, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2457 | 2460 | 90  10 | CLAYSTONE: dark to occasionally medium grey, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated and occasional nodular pyrite, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2460 | 2463 | 90  10 | CLAYSTONE: dark to minor medium grey, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated and occasional nodular pyrite, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2463 | 2466 | 80  20 | CLAYSTONE: dark to minor medium grey, light to medium brown, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile, minor fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, minor disseminated and occasional nodular pyrite, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2466 | 2469 | 80  20 | CLAYSTONE: dark to minor medium grey, light to medium brown, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2469 | 2472 | 80  20 | CLAYSTONE: dark to minor medium grey, light to medium brown, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to locally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2472 | 2475 | 90  10 | CLAYSTONE: dark to minor medium grey, light to medium brown, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to locally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2475 | 2478 | 80  20 | CLAYSTONE: medium to dark grey, light to medium brown, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to locally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2478 | 2481 | 80  20 | CLAYSTONE: dark to occasionally very dark grey, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, siliceous in part, micro micaceous, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2481 | 2484 | 70  30 | CLAYSTONE: dark to occasionally very dark grey, light brown, medium grey brown in part, minor silty, micro micaceous, rare disseminated pyrite, moderately hard to minor hard, firm in part, sub blocky to dominantly sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, siliceous in part, micro micaceous, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2484 | 2487 | 80  20 | CLAYSTONE: dark to occasionally very dark grey, light brown, medium grey brown in part, minor silty, micro micaceous, minor disseminated pyrite laminations, moderately hard to minor hard, firm in part, sub blocky to dominantly sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, siliceous in part, micro micaceous, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2487 | 2490 | 70  30 | CLAYSTONE: dark to occasionally very dark grey, light brown, medium grey brown in part, minor silty, micro micaceous, minor disseminated pyrite laminations, moderately hard to minor hard, firm in part, sub blocky to dominantly sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, siliceous in part, micro micaceous, trace lithics, rare nodular pyrite, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2490 | 2493 | 70  30 | CLAYSTONE: dark to occasionally very dark grey, medium grey brown in part, minor silty, micro micaceous, minor disseminated pyrite laminations, moderately hard to minor hard, firm in part, sub blocky to dominantly sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, rare nodular pyrite, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2493 | 2496 | 80  20 | CLAYSTONE: dark grey, medium grey brown in part, minor silty, micro micaceous, minor disseminated pyrite laminations, moderately hard to minor hard, firm in part, sub blocky to dominantly sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally moderately hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2496 | 2499 | 70  30 | CLAYSTONE: dark grey, medium grey brown in part, minor silty, micro micaceous, minor disseminated pyrite laminations, moderately hard to minor hard, firm in part, sub blocky to dominantly sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2499 | 2502 | 70  30 | CLAYSTONE: light to medium brown, dark grey, medium grey brown in part, minor silty, micro micaceous, minor disseminated pyrite laminations, moderately hard to minor hard, firm in part, sub blocky to dominantly sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2502 | 2505 | 80  20 | CLAYSTONE: light to medium brown, dark grey, medium grey brown in part, minor to localised common silty, micro micaceous, firm to moderately hard, minor hard, sub blocky to dominantly sub fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2505 | 2508 | 70  30 | CLAYSTONE: light to medium brown, dark grey, medium grey brown in part, minor to localised common silty, micro micaceous, firm to moderately hard, minor hard, sub blocky to dominantly sub fissile, minor fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2508 | 2511 | 80  20 | CLAYSTONE: light to medium brown, dark grey, medium grey brown in part, minor to localised common silty, micro micaceous, firm to moderately hard, minor hard, sub blocky to dominantly sub fissile, minor fissile.  SILTSTONE: dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2511 | 2514 | 90  10 | CLAYSTONE: light to medium brown, dark grey, medium grey brown in part, minor to localised common silty, minor to locally commonly micro micaceous, minor disseminated pyrite firm to moderately hard, minor hard, sub blocky to dominantly sub fissile, minor fissile.  SILTSTONE: dark grey to occasionally very dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2514 | 2517 | 90  10 | CLAYSTONE: medium brown to minor light brown, dark grey to minor very dark grey, medium grey brown in part, minor to localised common silty, minor to locally commonly micro micaceous, minor disseminated pyrite, rare nodular pyrite, firm to moderately hard, hard in part, sub blocky to dominantly sub fissile, minor fissile.  SILTSTONE: dark grey to occasionally very dark grey, medium to dark grey brown, argillaceous to occasionally arenaceous, micro micaceous, trace lithics, firm to hard, occasionally very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2517 | 2520 | 90  10 | CLAYSTONE: dominantly medium brown to medium brown grey, dark grey in part, minor silty, minor micro micaceous, minor disseminated pyrite, firm to moderately hard, hard in part, sub blocky to dominantly sub fissile.  SILTSTONE: medium to dark grey brown, minor medium to dark grey, argillaceous to very finely arenaceous in part, minor micro micaceous, trace lithics, firm to moderately hard, occasionally hard to very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2520 | 2523 | 90  10 | CLAYSTONE: dominantly medium brown to medium brown grey, minor light brown to light brown grey, dark grey in part, minor silty, minor micro micaceous, minor disseminated pyrite, rare nodular pyrite, firm to moderately hard, hard in part, sub blocky to dominantly sub fissile.  SILTSTONE: medium to dark grey brown, minor medium to dark grey, argillaceous to very finely arenaceous in part, minor micro micaceous, trace lithics, firm to moderately hard, occasionally hard to very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2523 | 2526 | 80  20 | CLAYSTONE: dominantly medium brown to medium brown grey, minor light brown to light brown grey, dark grey in part, minor silty to locally very silty, minor micro micaceous, minor disseminated pyrite, firm to moderately hard, hard in part, sub blocky to dominantly sub fissile.  SILTSTONE: medium to dark grey brown, minor medium to dark grey, argillaceous to very finely arenaceous in part, minor micro micaceous, trace lithics, firm to moderately hard, occasionally hard to very hard, sub blocky to occasionally sub fissile, minor blocky. |
| 2526 | 2529 | 90  10 | CLAYSTONE: dominantly medium brown to medium brown grey, commonly light brown to light brown grey, dark grey in part, minor silty to locally very silty, minor micro micaceous, minor disseminated pyrite, firm to moderately hard, hard in part, sub blocky to dominantly sub fissile.  SILTSTONE: medium to dark grey brown, minor medium to dark grey, argillaceous to very finely arenaceous in part, micro micaceous, moderately hard, occasionally hard to very hard, sub blocky to occasionally sub fissile. |
| 2529 | 2532 | 80  20 | CLAYSTONE: dominantly medium brown to medium brown grey, commonly light brown to light brown grey, dark grey in part, minor silty to locally very silty, minor micro micaceous, trace disseminated pyrite, firm to moderately hard, hard in part, sub fissile to minor sub blocky.  SILTSTONE: medium to dark grey brown, minor medium to dark grey, argillaceous to very finely arenaceous in part, micro micaceous, moderately hard, occasionally hard to very hard, sub blocky to occasionally sub fissile. |
| 2532 | 2535 | 80  20 | CLAYSTONE: dominantly medium brown to medium brown grey, commonly light brown to light brown grey, medium to dark grey in part, minor silty to locally very silty, minor micro micaceous, trace disseminated pyrite, rare nodular pyrite, firm to moderately hard, hard in part, sub fissile to minor sub blocky.  SILTSTONE: medium to dark grey brown, minor medium to dark grey, argillaceous to very finely arenaceous in part, micro micaceous, moderately hard, occasionally hard to very hard, sub blocky to occasionally sub fissile. |
| 2535 | 2538 | 90  10 | CLAYSTONE: dominantly medium brown to medium brown grey, commonly light brown to light brown grey, medium to dark grey in part, minor silty to locally very silty, minor micro micaceous, trace disseminated pyrite, rare nodular pyrite, firm to moderately hard, hard in part, sub fissile to minor sub blocky.  SILTSTONE: medium to dark grey brown, minor medium to dark grey, argillaceous to very finely arenaceous in part, micro micaceous, moderately hard, occasionally hard to very hard, sub blocky to occasionally sub fissile. |
| 2538 | 2541 | 90  10 | CLAYSTONE: dominantly medium brown to medium brown grey, commonly light brown to light brown grey, medium to dark grey in part, minor silty to locally very silty, minor micro micaceous, trace disseminated pyrite, firm to moderately hard, hard in part, sub fissile to minor sub blocky.  SILTSTONE: medium to dark grey brown, minor medium to dark grey, argillaceous to very finely arenaceous in part, minor micro micaceous, moderately hard, occasionally hard to very hard, sub blocky to occasionally sub fissile. |
| 2541 | 2544 | 95  5 | CLAYSTONE: dominantly medium brown to medium brown grey, commonly light brown to light brown grey, medium to dark grey in part, minor silty to locally very silty, minor micro micaceous, trace disseminated pyrite, firm to moderately hard, hard in part, sub fissile to minor sub blocky.  SILTSTONE: medium to dark grey brown, minor medium to dark grey, argillaceous to very finely arenaceous in part, minor micro micaceous, moderately hard, occasionally hard to very hard, sub blocky to occasionally sub fissile. |
| 2544 | 2547 | 95  5 | CLAYSTONE: medium to dark grey, medium brown to medium brown grey, occasionally dark to very dark grey, minor light grey brown, minor silty, trace micro micaceous, trace to locally occasional disseminated pyrite, firm to moderately hard, occasionally hard, sub fissile to sub blocky.  SILTSTONE: medium grey, minor medium brownish grey, argillaceous, minor arenaceous, trace disseminated pyrite, minor micro micaceous, moderately hard to hard, sub blocky. |
| 2547 | 2550 | 80  20 | CLAYSTONE: medium grey to dark grey, minor medium brownish grey, occasionally dark to very dark grey, minor light grey brown, minor to locally very silty, trace micro micaceous, trace to locally occasional disseminated pyrite, firm to moderately hard, occasionally hard, minor soft, sub fissile to sub blocky.  SILTSTONE: medium grey to medium dark grey, minor medium brownish grey, argillaceous to minor arenaceous, occasionally siliceous, rare disseminated pyrite, moderately hard, sub blocky to sub fissile. |
| 2550 | 2553 | 80  20 | CLAYSTONE: medium grey to dark grey, minor medium brownish grey, occasionally dark to very dark grey, minor light grey brown, minor to locally very silty, trace micro micaceous, trace to locally occasional disseminated pyrite, firm to moderately hard, occasionally hard, minor soft, sub fissile to sub blocky.  SILTSTONE: medium grey to medium dark grey, minor medium brownish grey, argillaceous to minor arenaceous, occasionally siliceous, rare disseminated pyrite, moderately hard, minor firm, sub blocky to sub fissile. |
| 2553 | 2556 | 70  30 | CLAYSTONE: medium grey to dark grey, minor medium brownish grey, occasionally dark to very dark grey, minor light grey brown, minor to locally very silty, trace micro micaceous, trace to locally occasional disseminated pyrite, rare nodular pyrite, firm to moderately hard, occasionally hard, minor soft, sub fissile to sub blocky.  SILTSTONE: medium grey to medium dark grey, minor medium brownish grey, argillaceous to minor arenaceous, occasionally siliceous, rare disseminated pyrite, trace lithics, moderately hard, minor firm, sub blocky to sub fissile. |
| 2556 | 2559 | 80  20 | CLAYSTONE: medium grey to dark grey, commonly light to medium grey, minor dark to very dark grey, minor silty, trace micro micaceous, trace disseminated pyrite, firm to moderately hard, soft in part, sub fissile to sub blocky.  SILTSTONE: medium to medium dark grey, minor medium light grey, minor medium greyish brown, argillaceous, minor arenaceous, trace lithics, moderately hard, minor soft to firm, sub blocky to sub fissile. |
| 2559 | 2562 | 70  30 | CLAYSTONE: medium grey to dark grey, commonly light to medium grey, minor dark to very dark grey, minor silty, trace micro micaceous, minor disseminated pyrite, rare nodular pyrite, firm to moderately hard, soft in part, sub fissile to sub blocky.  SILTSTONE: medium to medium dark grey, minor medium light grey to medium greyish brown, argillaceous, minor to locally commonly arenaceous, siliceous in part, trace lithics, moderately hard to hard, minor soft to firm, sub blocky to sub fissile. |
| 2562 | 2565 | 80  20 | CLAYSTONE: medium grey to dark grey, commonly light to medium grey, minor dark to very dark grey, minor silty, trace micro micaceous, minor disseminated pyrite, rare nodular pyrite, firm to moderately hard, soft in part, sub fissile to sub blocky.  SILTSTONE: medium to medium dark grey, minor medium light grey, argillaceous, minor to locally commonly arenaceous, siliceous in part, trace lithics, moderately hard to hard, minor soft to firm, sub blocky to sub fissile. |
| 2565 | 2568 | 90  10 | CLAYSTONE: medium grey to dark grey, commonly light to medium grey brown, commonly dark to very dark grey, minor silty, minor micro micaceous, minor disseminated pyrite, firm to moderately hard, soft in part, occasionally hard to very hard, sub fissile to sub blocky.  SILTSTONE: medium to medium dark grey, minor medium light grey, occasionally light to medium brownish grey, argillaceous, minor arenaceous, siliceous in part, minor micro mica, trace lithics, moderately hard to hard, minor soft to firm, sub blocky to sub fissile. |
| 2568 | 2571 | 90  10 | CLAYSTONE: medium to dark brown, dark to occasionally very dark grey, occasionally silty, minor micro micaceous, moderately hard to dominantly hard, sub blocky to occasionally blocky, minor sub fissile.  SILTSTONE: dark to medium grey, commonly argillaceous, grading to Claystone in part, micro micaceous, rare disseminated pyrite, hard, sub blocky, occasionally sub fissile. |
| 2571 | 2574 | 100  Trace | CLAYSTONE: medium to dark brown, dark to occasionally very dark grey, dark grey brown in part, occasionally silty, minor micro micaceous, moderately hard to dominantly hard, sub blocky to occasionally blocky, minor sub fissile.  SILTSTONE: dark to medium grey, commonly argillaceous, grading to Claystone in part, micro micaceous, rare disseminated pyrite, hard, sub blocky, occasionally sub fissile. |
| 2574 | 2577 | 100  Trace | CLAYSTONE: dark to very dark grey, dark grey brown in part, minor micro micaceous, moderately hard to dominantly hard, sub blocky to occasionally blocky, minor sub fissile.  SILTSTONE: dark to medium grey, commonly argillaceous, grading to Claystone in part, micro micaceous, rare disseminated pyrite, hard, sub blocky, occasionally sub fissile. |
| 2577 | 2580 | 100  Trace | CLAYSTONE: dark to very dark grey, dark grey brown in part, minor to locally common micro micaceous, rare nodular pyrite, moderately hard to dominantly hard, sub blocky to sub fissile, occasionally blocky.  SILTSTONE: dark to medium grey, commonly argillaceous, grading to Claystone in part, micro micaceous, rare disseminated pyrite, hard, sub blocky to minor sub fissile. |
| 2580 | 2583 | 100 | CLAYSTONE: dark to very dark grey, dark grey brown in part, minor to locally common micro micaceous, rare nodular pyrite, moderately hard to dominantly hard, sub blocky to sub fissile, occasionally blocky. |
| 2583 | 2586 | 100 | CLAYSTONE: dark to very dark grey, dark grey brown in part, minor to locally common micro micaceous, occasional disseminated pyrite, moderately hard to dominantly hard, sub blocky to sub fissile, occasionally blocky. |
| 2586 | 2589 | 100 | CLAYSTONE: dark to very dark grey, dark grey brown in part, minor to locally common micro micaceous, occasional disseminated pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2589 | 2592 | 100 | CLAYSTONE: dark to very dark grey, dark grey brown, minor to locally common micro micaceous, occasional disseminated pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2592 | 2595 | 100 | CLAYSTONE: dark to very dark grey, dark grey brown, minor to locally common micro micaceous, occasional disseminated pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2595 | 2598 | 100 | CLAYSTONE: dark to very dark grey, dark grey brown, minor to locally common micro micaceous, occasional disseminated and nodular pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2598 | 2601 | 100 | CLAYSTONE: dark to very dark grey, dark grey brown, rare medium brown, minor to locally common micro micaceous, occasional disseminated pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2601 | 2604 | 100 | CLAYSTONE: dark to very dark grey, dark grey brown, rare medium brown, minor silty, minor to locally common micro micaceous, occasional disseminated pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2604 | 2607 | 100 | CLAYSTONE: dark to very dark grey, dark grey brown, rare medium brown, minor silty, minor to locally common micro micaceous, occasional disseminated pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2607 | 2610 | 100 | CLAYSTONE: very dark to dark grey, dark grey brown, minor silty, minor to locally common micro micaceous, occasional disseminated pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2610 | 2613 | 100 | CLAYSTONE: very dark to dark grey, dark grey brown, minor silty, minor to locally common micro micaceous, occasional disseminated and nodular pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2613 | 2616 | 100 | CLAYSTONE: very dark to dark grey, dark grey brown, minor silty, minor to locally common micro micaceous, occasional disseminated and nodular pyrite, moderately hard to dominantly hard, sub blocky to minor sub fissile, occasionally blocky. |
| 2616 | 2619 | 100 | CLAYSTONE: very dark to dark grey, dark grey brown, minor silty, minor to locally common micro micaceous, occasional disseminated and nodular pyrite, moderately hard to dominantly hard, sub blocky to blocky. |
| 2619 | 2622 | 100 | CLAYSTONE: very dark to dark grey, dark grey brown, grey black, minor silty, minor to locally common micro micaceous, occasional disseminated and nodular pyrite, moderately hard to dominantly hard, sub blocky to blocky. |
| 2622 | 2625 | 100 | CLAYSTONE: very dark to dark grey, grey black, dark grey brown, minor silty, minor to locally common micro micaceous, occasional disseminated pyrite, common nodular pyrite, moderately hard to dominantly hard, sub blocky to blocky. |
| 2625 | 2628 | 100 | CLAYSTONE: very dark to dark grey, grey black, dark grey brown in part, minor silty, minor to locally common micro micaceous, occasional disseminated pyrite, common nodular pyrite, moderately hard to dominantly hard, sub blocky to blocky. |
| 2628 | 2631 | 100 | CLAYSTONE: very dark to dark grey, grey black, dark grey brown in part, minor silty, minor to locally common micro micaceous, occasional disseminated pyrite, common nodular pyrite, moderately hard to dominantly hard, sub blocky to blocky. |
| 2631 | 2634 | 100 | CLAYSTONE: very dark to dark grey, grey black, dark grey brown in part, minor silty, minor to locally common micro micaceous, occasional disseminated and nodular pyrite, moderately hard to dominantly hard, sub blocky to blocky. |
| 2634 | 2637 | 100 | CLAYSTONE: very dark to dark grey, grey black, dark grey brown in part, minor silty, minor to locally common micro micaceous, occasional disseminated and nodular pyrite, moderately hard to dominantly hard, sub blocky to blocky. |
| 2637 | 2640 | 100 | CLAYSTONE: very dark to dark grey, grey black, dark grey brown in part, minor silty, minor to locally common micro micaceous, occasional nodular pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2640 | 2643 | 100 | CLAYSTONE: very dark to dark grey, grey black, dark grey brown in part, minor silty, minor to locally common micro micaceous, occasional nodular pyrite, hard, occasionally very hard to moderately hard, sub blocky to blocky. |
| 2643 | 2646 | 100 | CLAYSTONE: very dark to dark grey, grey black, minor dark grey brown, minor to locally common micro micaceous, rare nodular pyrite, hard, occasionally very hard to moderately hard, sub blocky to blocky. |
| 2646 | 2649 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, minor to locally common micro micaceous, rare nodular pyrite, hard, occasionally very hard to moderately hard, sub blocky to blocky. |
| 2649 | 2652 | 100  Trace | CLAYSTONE: very dark grey to greyish black, minor very dark greyish brown, commonly micro micaceous, minor nodular pyrite, moderately hard, very hard in part, sub blocky to minor blocky.  SILTSTONE: medium to medium dark grey, argillaceous, minor disseminated pyrite, moderately hard to hard, sub fissile to sub blocky. |
| 2652 | 2655 | 100  Trace | CLAYSTONE: very dark grey to greyish black, minor very dark greyish brown, commonly micro micaceous, minor nodular pyrite, moderately hard, very hard in part, sub blocky to minor blocky.  SILTSTONE: dominantly medium grey to minor medium dark grey, trace very light grey, argillaceous, minor arenaceous, rarely grading to very fine SANDSTONE, minor disseminated pyrite, moderately hard to hard, sub fissile to sub blocky. |
| 2655 | 2658 | 100 | CLAYSTONE: very dark grey to greyish black, minor very dark greyish brown, commonly micro micaceous, slightly silty in part, minor disseminated pyrite, moderately hard, very hard in part, sub blocky to minor blocky. |
| 2658 | 2661 | 100 | CLAYSTONE: dark to very dark brownish grey, very dark grey to greyish black, occasionally micro micaceous, trace disseminated pyrite, moderately hard to hard, sub blocky to minor blocky. |
| 2661 | 2664 | 100 | CLAYSTONE: very dark grey to greyish black, minor very dark greyish brown, minor micro micaceous, slightly silty in part, minor disseminated pyrite, moderately hard, very hard in part, sub blocky to minor blocky. |
| 2664 | 2667 | 100 | CLAYSTONE: very dark grey to greyish black, occasionally very dark greyish brown, minor micro micaceous, slightly silty in part, minor to locally common disseminated pyrite, moderately hard, very hard in part, occasionally firm to soft, sub blocky to minor blocky. |
| 2667 | 2670 | 100 | CLAYSTONE: very dark grey to greyish black, occasionally very dark greyish brown, minor micro micaceous, slightly silty in part, trace disseminated pyrite, moderately hard, hard to very hard in part, sub blocky to minor blocky. |
| 2670 | 2673 | 100 | CLAYSTONE: very dark grey to greyish black, minor very dark greyish brown, minor micro micaceous, occasionally silty, rare nodular pyrite, moderately hard, hard to very hard in part, minor firm to moderately hard, sub blocky to minor blocky. |
| 2673 | 2676 | 100  Trace | CLAYSTONE: very dark grey to greyish black, minor very dark brown grey, trace micro micaceous, minor silty, rare disseminated pyrite, moderately hard, hard to very hard in part, minor firm to moderately hard, sub blocky to minor blocky, trace sub fissile.  SILTSTONE: medium to medium dark grey, argillaceous, moderately hard, occasionally firm, sub fissile to sub blocky. |
| 2676 | 2679 | 100  Trace | CLAYSTONE: very dark grey to greyish black, minor very dark brown grey, trace micro micaceous, minor silty, rare disseminated and nodular pyrite, moderately hard, hard to very hard in part, minor firm to moderately hard, sub blocky to minor blocky, trace sub fissile.  SILTSTONE: medium to medium dark grey, argillaceous, moderately hard, occasionally firm, sub fissile to sub blocky. |
| 2679 | 2682 | 100 | CLAYSTONE: very dark grey to greyish black, occasionally very dark greyish brown, minor micro micaceous, minor silty, occasional disseminated pyrite, rare nodular pyrite, moderately hard, hard to very hard in part, sub blocky to minor blocky, trace sub fissile. |
| 2682 | 2685 | 100 | CLAYSTONE: very dark grey to very dark greyish brown, commonly very dark grey to greyish black, minor micro micaceous, minor silty, occasional disseminated pyrite, rare calcite veining, moderately hard, hard to very hard in part, sub blocky to minor blocky, trace sub fissile. |
| 2685 | 2688 | 100  Trace | CLAYSTONE: very dark grey to greyish black, minor very dark grey to very dark brown grey, minor to locally commonly micro micaceous, occasionally silty, occasional disseminated pyrite, moderately hard, hard to very hard in part, sub blocky to minor blocky, trace sub fissile.  SILTSTONE: medium to medium dark grey, argillaceous, minor siliceous, moderately hard, occasionally firm, sub fissile to sub blocky. |
| 2688 | 2691 | 100  Trace | CLAYSTONE: very dark grey to greyish black, minor very dark grey to very dark brown grey, minor to locally commonly micro micaceous, occasionally silty, occasional disseminated pyrite, rare nodular pyrite, moderately hard, hard to very hard in part, minor firm to moderately hard, sub blocky to minor blocky, trace sub fissile.  SILTSTONE: medium to medium dark grey, argillaceous, minor siliceous, moderately hard, occasionally firm, sub fissile to sub blocky. |
| 2691 | 2694 | 100  Trace | CLAYSTONE: very dark grey to greyish black, minor very dark brown grey, minor micro micaceous, minor silty, occasional disseminated pyrite, rare nodular pyrite, moderately hard, hard to very hard in part, minor firm to moderately hard, sub blocky to minor blocky, trace sub fissile.  SILTSTONE: medium to medium dark grey, argillaceous, minor siliceous, moderately hard, occasionally firm, sub fissile to sub blocky. |
| 2694 | 2697 | 90  Trace | CLAYSTONE: very dark grey to very dark brown grey, commonly very dark grey to greyish black, minor micro micaceous, minor silty, occasional disseminated pyrite, minor nodular pyrite, minor calcite veining, moderately hard, hard to very hard in part, minor firm to moderately hard, sub blocky to minor blocky, trace sub fissile.  SILTSTONE: medium to medium dark grey, argillaceous to minor arenaceous, minor siliceous, moderately hard, occasionally firm, sub fissile to sub blocky. |
| 2697 | 2700 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, silty in part, minor to locally common micro micaceous, rare nodular pyrite, minor disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2700 | 2703 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, silty in part, minor to locally common micro micaceous, occasional to localised common nodular pyrite, minor disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2703 | 2706 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, silty in part, minor to locally common micro micaceous, occasional nodular pyrite, minor disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2706 | 2709 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, silty in part, minor to locally common micro micaceous, occasional nodular pyrite, minor disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2709 | 2712 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, minor silty, minor to locally common micro micaceous, minor nodular pyrite, minor disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2712 | 2715 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, minor silty, minor to locally common micro micaceous, minor nodular pyrite, minor disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2715 | 2718 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare locally silty, minor to locally common micro micaceous, minor nodular pyrite, rare disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2718 | 2721 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare locally silty, minor to locally common micro micaceous, minor nodular pyrite, rare disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2721 | 2724 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare locally silty, minor to locally common micro micaceous, minor nodular pyrite, rare disseminated pyrite, minor calcite inclusions, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2724 | 2727 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare locally silty, minor to locally common micro micaceous, minor nodular pyrite, rare disseminated pyrite, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2727 | 2730 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare locally silty, minor to locally common micro micaceous, minor nodular pyrite, rare disseminated pyrite, minor lithics, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2730 | 2733 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare locally silty, minor to locally common micro micaceous, minor nodular pyrite, minor lithics, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2733 | 2736 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare medium grey, rare locally silty, minor to locally common micro micaceous, minor nodular pyrite, minor lithics, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2736 | 2739 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare medium grey, rare locally silty, minor to locally common micro micaceous, minor nodular pyrite, minor lithics, hard to very hard, occasionally moderately hard, sub blocky to blocky. |
| 2739 | 2742 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare medium grey, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, hard to very hard, minor moderately hard, sub blocky to blocky. |
| 2742 | 2745 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare medium grey, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, rare calcite inclusions, hard to very hard, minor moderately hard, sub blocky to blocky. |
| 2745 | 2748 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare medium grey, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, hard to very hard, minor moderately hard, sub blocky to blocky, rare sub fissile. |
| 2748 | 2751 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare medium grey, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, hard to very hard, firm to moderately hard in part, sub blocky to blocky, rare sub fissile. |
| 2751 | 2754 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare medium grey, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, hard to very hard, firm to moderately hard in part, sub blocky to blocky, rare sub fissile. |
| 2754 | 2757 | 100 | CLAYSTONE: very dark grey, grey black, minor dark grey brown, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, hard to very hard, minor moderately hard, sub blocky to blocky, rare sub fissile. |
| 2757 | 2760 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, hard to very hard, minor moderately hard, sub blocky to blocky, rare sub fissile. |
| 2760 | 2763 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, rare calcite inclusions, hard to very hard, minor moderately hard, sub blocky to blocky, rare sub fissile. |
| 2763 | 2766 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, hard to very hard, moderately hard in part, sub blocky to blocky, rare sub fissile. |
| 2766 | 2769 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, rare calcite inclusions, hard to very hard, minor moderately hard, sub blocky to blocky, rare sub fissile. |
| 2769 | 2772 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, rare calcite inclusions, hard to very hard, minor moderately hard, sub blocky to blocky. |
| 2772 | 2775 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, hard to very hard, minor moderately hard, sub blocky to blocky. |
| 2775 | 2778 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, minor lithics, hard to very hard, moderately hard in part, sub blocky to blocky. |
| 2778 | 2781 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, rare nodular pyrite, minor lithics, hard to very hard, moderately hard in part, sub blocky to blocky. |
| 2781 | 2784 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional to common nodular pyrite, minor lithics, hard to very hard, moderately hard in part, sub blocky to blocky. |
| 2784 | 2787 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, rare disseminated pyrite, minor lithics, hard to very hard, moderately hard in part, sub blocky to blocky. |
| 2787 | 2790 | 100 | CLAYSTONE: very dark grey, grey black, rare locally silty, minor to locally common micro micaceous, occasional nodular pyrite, rare disseminated pyrite, minor lithics, hard to very hard, moderately hard in part, sub blocky to blocky. |
| 2790 | 2793 | 100 | CLAYSTONE: very dark grey, grey black, minor brown grey, rare locally silty, minor to locally common micro micaceous, rare nodular pyrite, minor lithics, hard to very hard, moderately hard in part, sub blocky to blocky. |
| 2793 | 2796 | 100 | CLAYSTONE: very dark grey, grey black, minor brown grey, rare locally silty, minor to locally common micro micaceous, minor disseminated pyrite, rare nodular pyrite, minor lithics, hard to very hard, moderately hard in part, sub blocky to blocky. |
| 2796 | 2799 | 100 | CLAYSTONE: very dark grey, greyish black, rare locally silty, minor to locally common micro micaceous, minor nodular pyrite, minor lithics, hard to very hard, moderately hard in part, sub blocky to blocky. |
| 2799 | 2802 | 100 | CLAYSTONE: very dark grey to dark grey black, occasionally slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 2802 | 2805 | 100 | CLAYSTONE: very dark grey to dark grey black, occasionally slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 2805 | 2808 | 100 | CLAYSTONE: very dark grey to dark grey black, occasionally slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 2808 | 2811 | 100 | CLAYSTONE: very dark grey to dark grey black, rare slightly silty, trace to rare micro mica, hard to very hard, blocky to sub fissile. |
| 2811 | 2814 | 100 | CLAYSTONE: very dark grey to dark grey black, rare slightly silty, trace to rare micro mica, hard to very hard, blocky to sub fissile. |
| 2814 | 2817 | 100 | CLAYSTONE: very dark grey to dark grey black, rare slightly silty, trace to rare micro mica, hard to very hard, blocky to sub fissile. |
| 2817 | 2820 | 100 | CLAYSTONE: very dark grey to dark grey black, rare slightly silty, trace to rare micro mica, hard to very hard, blocky to sub fissile. |
| 2820 | 2823 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile, minor fissile. |
| 2823 | 2826 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile, minor fissile. |
| 2826 | 2829 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile, minor fissile. |
| 2829 | 2832 | 100 | CLAYSTONE: very dark grey, dark grey black, trace silty, trace to minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2832 | 2835 | 100 | CLAYSTONE: very dark grey, dark grey black, trace silty, trace to minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2835 | 2838 | 100 | CLAYSTONE: very dark grey, dark grey black, trace silty, trace to minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2838 | 2841 | 100 | CLAYSTONE: very dark grey, occasionally dark grey black, trace silty, trace to minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2841 | 2844 | 100 | CLAYSTONE: very dark grey, occasionally dark grey black, trace silty, trace to minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2844 | 2847 | 100 | CLAYSTONE: very dark grey, occasionally dark grey black, minor silty, minor micro mica, rare nodular and disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2847 | 2850 | 100 | CLAYSTONE: very dark grey, occasionally dark grey black, minor silty, minor micro mica, rare nodular and disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2850 | 2853 | 100 | CLAYSTONE: very dark grey, dark grey black, trace silty, trace to minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2853 | 2856 | 100 | CLAYSTONE: very dark grey, dark grey black, trace silty, trace to minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2856 | 2859 | 100 | CLAYSTONE: very dark grey, dark grey black, trace silty, trace to minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2859 | 2862 | 100 | CLAYSTONE: very dark grey to dark grey black, trace to minor silty, trace micro mica, hard to occasionally very hard, blocky to sub fissile. |
| 2862 | 2865 | 100 | CLAYSTONE: very dark grey to dark grey black, trace to minor silty, trace micro mica, minor nodular and disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2865 | 2868 | 100 | CLAYSTONE: very dark grey, dark grey black, trace silty, trace to minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2868 | 2871 | 100 | CLAYSTONE: very dark grey, dark grey black, trace silty, trace to minor micro mica, minor nodular and disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2871 | 2874 | 100 | CLAYSTONE: very dark grey to dark grey black, trace to minor silty, minor micro mica, minor nodular and disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2874 | 2877 | 100 | CLAYSTONE: very dark grey to dark grey black, trace to minor silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 2877 | 2880 | 100 | CLAYSTONE: very dark grey to dark grey black, trace dark grey brown, trace to minor silty, minor micro mica, minor nodular pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 2880 | 2883 | 100 | CLAYSTONE: very dark grey to dark grey black, trace dark grey brown, trace to minor silty, minor micro mica, minor nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 2883 | 2886 | 100 | CLAYSTONE: very dark grey to dark grey black, trace dark grey brown, trace to minor silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 2886 | 2889 | 100 | CLAYSTONE: very dark grey to dark grey black, trace dark grey brown, minor silty, trace to minor micro mica, minor nodular pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 2889 | 2892 | 100 | CLAYSTONE: very dark grey to dark grey black, trace dark grey brown, minor silty, trace to minor micro mica, minor nodular pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 2892 | 2895 | 100 | CLAYSTONE: very dark grey to dark grey black, trace dark grey brown, minor silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 2895 | 2898 | 100 | CLAYSTONE: very dark grey brown to dark grey black, minor silty, minor micro mica, trace calcite veining, hard to very hard, sub blocky to sub fissile. |
| 2898 | 2901 | 100 | CLAYSTONE: very dark grey brown to dark grey black, minor silty, minor micro mica, minor nodular pyrite, trace calcite veining, hard to very hard, sub blocky to sub fissile. |
| 2901 | 2904 | 100 | CLAYSTONE: very dark grey brown to dark grey black, minor brownish grey, minor silty, minor micro mica, minor nodular pyrite, trace calcite veining, hard to very hard, sub blocky to sub fissile. |
| 2904 | 2907 | 100 | CLAYSTONE: very dark grey brown to dark grey black, minor silty, minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 2907 | 2910 | 100 | CLAYSTONE: very dark grey to dark grey black, trace dark grey brown, minor silty, minor micro mica, trace calcite veining, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 2910 | 2913 | 100 | CLAYSTONE: very dark grey to dark grey black, trace dark grey brown, minor silty, minor micro mica, trace disseminated pyrite, trace calcite veining, hard to very hard, sub blocky to sub fissile, minor fissile. |
| 2913 | 2916 | 100 | CLAYSTONE: very dark grey to dark grey black, trace dark grey brown, minor silty, minor micro mica, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 2916 | 2919 | 100 | CLAYSTONE: very dark grey to dark grey black, trace brownish grey, minor silty, minor micro mica, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 2919 | 2922 | 100 | CLAYSTONE: very dark grey to dark grey black, trace brownish grey, minor silty, minor micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 2922 | 2925 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2925 | 2928 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2928 | 2931 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, trace disseminated pyrite, moderately hard to hard, common very hard, sub blocky to sub fissile, trace fissile. |
| 2931 | 2934 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2934 | 2937 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, trace disseminated pyrite, moderately hard to hard, common very hard, sub blocky to sub fissile, trace fissile. |
| 2937 | 2940 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 2940 | 2943 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 2943 | 2946 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 2946 | 2949 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 2949 | 2952 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, minor disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2952 | 2955 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, minor disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 2955 | 2958 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 2958 | 2961 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 2961 | 2964 | 100  trace | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile.  SANDSTONE: white, very light grey, very fine grained, well sorted, sub angular to occasionally sub rounded, strong calcareous cement / matrix, moderately hard, tight visual porosity, no fluorescence. |
| 2964 | 2967 | 100  trace | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile.  SANDSTONE: white, very light grey, very fine grained, well sorted, sub angular to occasionally sub rounded, strong calcareous cement / matrix, moderately hard, tight visual porosity, no fluorescence. |
| 2967 | 2970 | 100  trace | CLAYSTONE: very dark grey to dark grey black, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile.  SANDSTONE: white, very light grey, very fine grained, well sorted, sub angular to occasionally sub rounded, strong calcareous cement / matrix, moderately hard, tight visual porosity, no fluorescence. |
| 2970 | 2973 | 100 | CLAYSTONE: very dark grey black, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 2973 | 2976 | 100  trace | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile.  SANDSTONE: white, very light grey, very fine grained, well sorted, sub angular to occasionally sub rounded, strong calcareous cement / matrix, moderately hard, tight visual porosity, no fluorescence. |
| 2976 | 2979 | 100 | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 2979 | 2982 | 100 | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, minor nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 2982 | 2985 | 100 | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 2985 | 2988 | 90  10 | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile.  SILTSTONE: medium grey, argillaceous in part grading to CLAYSTONE, rare micro mica, hard, sub blocky. |
| 2988 | 2991 | 90  10 | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile.  SILTSTONE: medium grey, argillaceous in part grading to CLAYSTONE, moderately calcareous, rare micro mica, hard, sub blocky. |
| 2991 | 2994 | 100 | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, trace medium clear quartz grains, hard to very hard, sub blocky to sub fissile. |
| 2994 | 2997 | 100 | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, minor nodular pyrite, trace medium clear quartz grains, hard to very hard, sub blocky to sub fissile. |
| 2997 | 3000 | 100  trace | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, trace calcite veining, hard to very hard, sub blocky to sub fissile.  SILTSTONE: medium grey, argillaceous in part grading to CLAYSTONE, common micro mica, hard, sub blocky. |
| 3000 | 3003 | 100  trace | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, trace calcite veining, hard to very hard, sub blocky to sub fissile, trace fissile.  SILTSTONE: medium grey, argillaceous in part grading to CLAYSTONE, common micro mica, hard, sub blocky. |
| 3003 | 3006 | 100 | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, trace sucrosic dolomite veining, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3006 | 3009 | 100  Trace | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, trace sucrosic dolomite veining, hard to very hard, sub blocky to sub fissile, trace fissile.  SILTSTONE: medium brownish grey, argillaceous in part grading to CLAYSTONE, common micro mica, hard, sub blocky to sub fissile. |
| 3009 | 3012 | 100  trace | CLAYSTONE: dark grey black, very dark grey, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile, trace fissile.  SILTSTONE: medium brownish grey, argillaceous in part grading to CLAYSTONE, common micro mica, hard, sub blocky to sub fissile. |
| 3012 | 3015 | 100  trace | CLAYSTONE: very dark grey, greyish black, trace silty, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile.  SANDSTONE: brownish grey, very fine grained, well sorted, sub angular to occasionally sub rounded, strong calcareous cement / matrix, trace dark lithics, moderately hard, tight visual porosity, no fluorescence. |
| 3015 | 3018 | 100 | CLAYSTONE: very dark grey, greyish black, silty in part, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3018 | 3021 | 100 | CLAYSTONE: very dark grey, greyish black, silty in part, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3021 | 3024 | 100 | CLAYSTONE: very dark grey, greyish black, silty in part, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3024 | 3027 | 100 | CLAYSTONE: grey black, very dark grey, silty in part, rare micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3027 | 3030 | 100 | CLAYSTONE: grey black, very dark grey, silty in part, micro mica in part, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3030 | 3033 | 100 | CLAYSTONE: grey black, very dark grey, silty in part, slight to common micro mica in part, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3033 | 3036 | 100 | CLAYSTONE: grey black, very dark grey, silty in part, slight to common micro mica in part, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3036 | 3039 | 100 | CLAYSTONE: grey black, very dark grey, silty in part, slight to common micro mica in part, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3039 | 3042 | 100 | CLAYSTONE: grey black, very dark grey, rare silty, slight to common micro mica in part, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3042 | 3045 | 100 | CLAYSTONE: grey black, very dark grey, rare silty, slight to common micro mica in part, trace calcite veining, hard to very hard, sub blocky to sub fissile. |
| 3045 | 3048 | 100 | CLAYSTONE: very dark grey, greyish black, rare silty, slight to common micro mica in part, trace calcite veining, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3048 | 3051 | 100 | CLAYSTONE: very dark grey, greyish black, trace medium grey, rare silty, slight to common micro mica in part, trace calcite veining, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3051 | 3054 | 100 | CLAYSTONE: very dark grey, greyish black, trace medium grey, rare silty, micro mica in part, rare calcite veining, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3054 | 3057 | 100 | CLAYSTONE: very dark grey, greyish black, trace medium grey, rare silty, micro mica in part, trace calcite veining, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3057 | 3060 | 100 | CLAYSTONE: very dark grey, greyish black, rare silty, micro mica in part, trace calcite veining, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3060 | 3063 | 100 | CLAYSTONE: very dark grey, greyish black, dark brownish grey in part, rare silty, micro mica in part, hard to very hard, sub blocky to sub fissile. |
| 3063 | 3066 | 100 | CLAYSTONE: Very dark grey, greyish black, dark brownish grey in part, rare silty, micro mica in part, trace calcite veining, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3066 | 3069 | 100 | CLAYSTONE: very dark grey, greyish black, dark brownish grey in part, rare silty, micro mica in part, trace calcite veining, hard to very hard, sub blocky to sub fissile. |
| 3069 | 3072 | 100 | CLAYSTONE: very dark grey, greyish black, medium brownish grey in part, rare silty, minor micro mica in part, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3072 | 3075 | 100 | CLAYSTONE: very dark grey, greyish black, medium brownish grey in part, rare silty, minor micro mica in part, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3075 | 3078 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, rare micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3078 | 3081 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, rare micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3081 | 3084 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, rare micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3084 | 3087 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, rare micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3087 | 3090 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, rare micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3090 | 3093 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, rare micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3093 | 3096 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace micro mica, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3096 | 3099 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace micro mica, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3099 | 3102 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace micro mica, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3102 | 3105 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace micro mica, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3105 | 3108 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace micro mica, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3108 | 3111 | 100 | CLAYSTONE: very dark grey black, silty occasionally grading to SILTSTONE, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3111 | 3114 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, moderately hard to very hard, sub blocky to sub fissile. |
| 3114 | 3117 | 100 | CLAYSTONE: very dark grey to dark grey black, slightly silty, trace micro mica, moderately hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3117 | 3120 | 100 | CLAYSTONE: very dark grey to dark grey black, slightly silty, trace micro mica, moderately hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3120 | 3123 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, minor nodular pyrite, moderately hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3123 | 3126 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, rare disseminated pyrite, moderately hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3126 | 3129 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, rare disseminated pyrite, moderately hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3129 | 3132 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, minor nodular pyrite, moderately hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3132 | 3135 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, trace fine quartz grains, hard, sub blocky to sub fissile, trace fissile. |
| 3135 | 3138 | 100  trace | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, hard, sub blocky to sub fissile.  SILTSTONE: medium grey, medium dark grey, argillaceous, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3138 | 3141 | 100 | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, hard, sub blocky to sub fissile. |
| 3141 | 3144 | 100  trace | CLAYSTONE: very dark grey to dark grey black, trace silty, trace micro mica, hard, sub blocky to sub fissile.  SANDSTONE: white, very light grey, very fine to fine grained, sub angular, well sorted, moderately strong calcareous cement/matrix, moderately hard to hard, tight visual porosity, no fluorescence. |
| 3144 | 3147 | 100 | CLAYSTONE: very dark grey to dark grey black, occasionally slightly silty, trace micro mica, minor nodular pyrite, hard, sub blocky to sub fissile. |
| 3147 | 3150 | 100 | CLAYSTONE: very dark grey to dark grey black, occasionally slightly silty, trace micro mica, minor to common nodular pyrite, trace medium clear sub angular loose quartz grains, hard, sub blocky to sub fissile. |
| 3150 | 3153 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty in part, trace micro mica, hard, sub blocky to sub fissile. |
| 3153 | 3156 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty in part, trace micro mica, hard, sub blocky to sub fissile. |
| 3156 | 3158 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty in part, trace micro mica, hard, sub blocky to sub fissile. |
| 3158 | 3162 | 100  trace | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, hard, sub blocky to sub fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3162 | 3165 | 100  trace | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, hard, sub blocky to sub fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3165 | 3168 | 100  trace | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, hard, sub blocky to sub fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3168 | 3171 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, hard, sub blocky to sub fissile. |
| 3171 | 3174 | 100  trace | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, trace nodular pyrite, hard, sub blocky to sub fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3174 | 3177 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, hard, sub blocky to sub fissile. |
| 3177 | 3180 | 100 | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, hard, sub blocky to sub fissile. |
| 3180 | 3183 | 100  trace | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, trace nodular pyrite, hard, sub blocky to sub fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3183 | 3186 | 100  trace | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, trace nodular pyrite, hard, sub blocky to sub fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3186 | 3189 | 100  trace | CLAYSTONE: very dark grey black, very dark grey, trace silty, trace micro mica, minor nodular pyrite, hard, sub blocky to sub fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3189 | 3192 | 100  trace | CLAYSTONE: very dark greyish black, very dark grey, trace silty, trace micro mica, hard to very hard in part, sub blocky to sub fissile, trace fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3192 | 3195 | 100  trace | CLAYSTONE: Very dark greyish black, very dark grey, trace silty, trace micro mica, trace crystalline calcite, hard to very hard in part, sub blocky to sub fissile, trace fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3195 | 3198 | 100  trace | CLAYSTONE: very dark greyish black, very dark grey, rare silty, trace micro mica, hard to very hard in part, sub blocky to sub fissile.  SILTSTONE: medium dark grey, trace micro mica, moderately hard to hard, blocky to sub blocky. |
| 3198 | 3201 | 100 | CLAYSTONE: very dark greyish black, very dark grey, dark greyish brown, locally common silty, trace micro mica, hard to very hard in part, sub blocky to sub fissile. |
| 3201 | 3204 | 100 | CLAYSTONE: very dark greyish black, very dark grey, dark greyish brown, locally common silty, trace to locally common micro mica, hard to very hard in part, sub blocky to sub fissile, trace fissile. |
| 3204 | 3207 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace brownish black, trace to locally common silty, trace to locally common micro mica, hard to very hard in part, sub blocky to sub fissile, trace fissile. |
| 3207 | 3210 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace brownish black, trace to locally common silty, trace micro mica, trace crystalline calcite, hard to very hard in part, sub blocky to sub fissile. |
| 3210 | 3213 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace to commonly silty, trace micro mica, trace disseminated pyrite, trace crystalline calcite, hard to very hard in part, sub blocky to sub fissile. |
| 3213 | 3216 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace brownish black, trace to commonly silty, grading to SILTSTONE in part, trace micro mica, trace disseminated pyrite, trace crystalline calcite, hard to very hard in part, sub blocky to sub fissile. |
| 3216 | 3219 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace brownish black, trace to commonly silty in part, trace micro mica, trace disseminated pyrite, trace crystalline calcite, hard to very hard in part, predominantly blocky to sub blocky, occasionally sub fissile. |
| 3219 | 3222 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace brownish black, commonly silty, trace micro mica, trace disseminated pyrite, trace crystalline calcite, hard to very hard, predominantly blocky to sub blocky, occasionally sub fissile. |
| 3222 | 3225 | 100 | CLAYSTONE: very dark greyish black, very dark grey, commonly silty, common micro mica, trace sparry dolomite, hard to very hard, sub blocky to sub fissile. |
| 3225 | 3228 | 100 | CLAYSTONE: very dark greyish black, very dark grey, locally common silty, rare micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3228 | 3231 | 100 | CLAYSTONE: very dark greyish black, very dark grey, predominantly silty, rare micro mica, trace disseminated pyrite, hard to very hard, predominantly blocky to sub blocky, rarely sub fissile. |
| 3231 | 3234 | 100 | CLAYSTONE: very dark greyish black, very dark grey, silty in part, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3234 | 3237 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace brownish black, trace to locally common silty, rare micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3237 | 3240 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace brownish black, trace to locally common silty, rare micro mica, rare disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3240 | 3243 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace dark brownish grey, trace to locally common silty, rare to locally common micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3243 | 3246 | 100 | CLAYSTONE: very dark greyish black, very dark grey, minor silty, rare micro mica, trace disseminated pyrite, trace calcite, hard to very hard, sub blocky to blocky, rare sub fissile. |
| 3246 | 3249 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace dark brownish grey, locally common silty, rare micro mica, trace disseminated pyrite, trace calcite, hard to very hard, sub blocky to blocky, rare sub fissile. |
| 3249 | 3252 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace dark brownish grey, rare silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3252 | 3255 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace dark brownish grey, rare silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3255 | 3258 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace dark brownish grey, rare silty, rare micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3258 | 3261 | 100 | CLAYSTONE: very dark greyish black, very dark grey, rare silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3261 | 3264 | 100 | CLAYSTONE: very dark greyish black, very dark grey, trace dark brownish grey, rare silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3264 | 3267 | 100 | CLAYSTONE: very dark greyish black, very dark grey, rare silty, rare micro mica, hard to very hard, predominantly sub blocky to blocky, sub fissile in part. |
| 3267 | 3270 | 100 | CLAYSTONE: very dark greyish black, very dark grey, rare silty, trace micro mica, hard to very hard, predominantly sub blocky to blocky, sub fissile in part. |
| 3270 | 3273 | 100 | CLAYSTONE: very dark greyish black, very dark grey, rare to locally common silty, trace micro mica, hard to very hard, predominantly sub blocky to blocky, sub fissile in part. |
| 3273 | 3276 | 100 | CLAYSTONE: very dark greyish black, very dark grey, rare to locally common silty, trace micro mica, hard to very hard, predominantly sub blocky to blocky, sub fissile in part. |
| 3276 | 3279 | 100 | CLAYSTONE: very dark greyish black, very dark grey, rare to locally common silty, trace micro mica, hard to very hard, predominantly sub blocky to blocky, sub fissile in part. |
| 3279 | 3282 | 100 | CLAYSTONE: very dark greyish black, very dark grey, commonly silty, trace micro mica, hard to very hard, predominantly sub blocky to blocky, sub fissile in part. |
| 3282 | 3285 | 100 | CLAYSTONE: very dark greyish black, very dark grey, commonly silty, trace micro mica, hard to very hard, predominantly sub blocky to blocky, sub fissile in part. |
| 3285 | 3288 | 100 | CLAYSTONE: very dark grey, occasionally grey black, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, predominantly sub blocky to blocky, rare sub fissile. |
| 3288 | 3291 | 100 | CLAYSTONE: very dark grey, occasionally grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3291 | 3294 | 100 | CLAYSTONE: very dark grey, occasionally grey black, slightly silty, trace micro mica, rare nodular pyrite, trace fine quartz grains, hard to very hard, sub blocky to sub fissile. |
| 3294 | 3297 | 100 | CLAYSTONE: very dark grey, occasionally grey black, slightly silty, trace micro mica, rare nodular pyrite, trace fine quartz grains, hard to very hard, sub blocky to sub fissile. |
| 3297 | 3300 | 100 | CLAYSTONE: very dark grey, occasionally grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3300 | 3303 | 100 | CLAYSTONE: very dark grey, occasionally grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3303 | 3306 | 100 | CLAYSTONE: very dark grey, occasionally grey black, slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3306 | 3309 | 100 | CLAYSTONE: very dark grey, occasionally grey black, slightly silty, rare micro mica, rare nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3309 | 3312 | 100 | CLAYSTONE: very dark grey, occasionally grey black, slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3312 | 3315 | 100  trace | CLAYSTONE: very dark grey, dark grey black, slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile.  SANDSTONE: white, translucent, fine to occasionally medium grained, well sorted, angular to sub rounded, moderately strong calcareous / dolomitic cement, very hard, tight visual porosity, no fluorescence. |
| 3315 | 3318 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3318 | 3321 | 100 | CLAYSTONE: very dark grey, dark grey black, silty grading to SILTSTONE in part, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3321 | 3324 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3324 | 3327 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty, trace micro mica, minor disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3327 | 3330 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3330 | 3333 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3333 | 3336 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3336 | 3339 | 100 | CLAYSTONE: very dark grey, dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3339 | 3342 | 100 | CLAYSTONE: very dark grey, dark grey black, silty grading to SILTSTONE in part, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3342 | 3345 | 100 | CLAYSTONE: very dark grey, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3345 | 3348 | 100 | CLAYSTONE: very dark grey, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3348 | 3351 | 100 | CLAYSTONE: very dark grey, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3351 | 3354 | 100 | CLAYSTONE: very dark grey, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3354 | 3357 | 100 | CLAYSTONE: very dark grey, trace silty, trace micro mica, rare nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3357 | 3360 | 100 | CLAYSTONE: very dark grey, trace silty, trace micro mica, minor nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3360 | 3363 | 100 | CLAYSTONE: very dark grey, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3363 | 3369 | 100 | CLAYSTONE: very dark grey, silty grading to SILTSTONE in part, minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 3369 | 3372 | 100 | CLAYSTONE: very dark grey to dark grey black, silty grading to SILTSTONE in part, minor micro mica, minor nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3372 | 3375 | 100 | CLAYSTONE: very dark grey to dark grey black, slightly silty, minor micro mica, hard to very hard, sub blocky to sub fissile. |
| 3375 | 3378 | 100 | CLAYSTONE: very dark grey to dark grey black, slightly silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3378 | 3381 | 100 | CLAYSTONE: very dark grey to dark grey black, slightly silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3381 | 3384 | 100 | CLAYSTONE: very dark grey to dark grey black, slightly silty, minor micro mica, trace nodular pyrite, trace calcite, hard to very hard, sub blocky to sub fissile. |
| 3384 | 3387 | 100 | CLAYSTONE: very dark grey to dark grey black, slightly silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3387 | 3390 | 100 | CLAYSTONE: very dark grey to dark grey black, slightly silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3390 | 3393 | 100 | CLAYSTONE: very dark grey to dark grey black, trace brownish black, slightly silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3393 | 3396 | 100 | CLAYSTONE: very dark grey to dark grey black, trace brownish black, slightly to locally common silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3396 | 3399 | 100 | CLAYSTONE: very dark grey to dark grey black, trace brownish black, slightly to locally common silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3399 | 3402 | 100 | CLAYSTONE: very dark grey to dark grey black, trace brownish black, slightly to locally common silty, minor to locally common micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3402 | 3405 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, minor micro mica, hard to very hard, blocky to sub blocky, rare sub fissile. |
| 3405 | 3408 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3408 | 3411 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, minor micro mica, trace hard to very hard, sub blocky to sub fissile. |
| 3411 | 3414 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly to locally common silty, minor to locally common micro mica, rare nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3414 | 3417 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly to locally common silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3417 | 3420 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly to locally common silty, minor micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3420 | 3423 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly to locally common silty, minor to locally common micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3423 | 3426 | 100 | CLAYSTONE: dark greyish black to very dark grey, rare brownish black, slightly to locally common silty, minor micro mica, trace crystalline calcite, hard to very hard, sub blocky to sub fissile, rare fissile. |
| 3426 | 3429 | 100 | CLAYSTONE: dark greyish black to very dark grey, rare brownish black, slightly to locally common silty, minor micro mica, trace crystalline calcite, hard to very hard, sub blocky to sub fissile, rare fissile. |
| 3429 | 3432 | 100 | CLAYSTONE: dark greyish black to very dark grey, rare brownish black, slightly to locally common silty, trace micro mica, trace nodular pyrite, trace crystalline calcite veining, hard to very hard, sub blocky to sub fissile. |
| 3432 | 3435 | 100 | CLAYSTONE: dark greyish black to very dark grey, rare brownish black, trace to locally common silty, trace micro mica, trace nodular pyrite, trace crystalline calcite veining, hard to very hard, sub blocky to sub fissile. |
| 3435 | 3438 | 100 | CLAYSTONE: dark greyish black to very dark grey, rare brownish black, trace to locally common silty, trace micro mica, rare nodular pyrite, hard to very hard, predominantly sub blocky to blocky, rare sub fissile. |
| 3438 | 3441 | 100 | CLAYSTONE: dark greyish black to very dark grey, rare brownish black, trace to locally common silty, trace micro mica, rare nodular pyrite, hard to very hard, predominantly sub blocky to blocky, rare sub fissile. |
| 3441 | 3444 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3444 | 3447 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3447 | 3450 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3450 | 3453 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, trace micro mica, trace nodular pyrite, trace gypsum, hard to very hard, sub blocky to sub fissile. |
| 3453 | 3456 | 100  Trace | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile.  SANDSTONE: white, very light grey, very fine grained, well sorted, sub angular to sub rounded, strong calcareous cement / matrix, moderately hard, tight visual porosity, no fluorescence. |
| 3456 | 3459 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3459 | 3462 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3462 | 3465 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3465 | 3468 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile, trace fissile. |
| 3468 | 3471 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace to locally common micro mica, hard to very hard, sub blocky to sub fissile. |
| 3471 | 3474 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, trace to locally common micro mica, hard to very hard, sub blocky to sub fissile. |
| 3474 | 3477 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, trace mica, hard to very hard, sub blocky to sub fissile. |
| 3477 | 3480 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3480 | 3483 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3483 | 3486 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3486 | 3489 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3489 | 3492 | 100 | CLAYSTONE: dark greyish black to very dark grey, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3492 | 3495 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3495 | 3498 | 100 | CLAYSTONE: dark greyish black to very dark grey, trace brownish black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3498 | 3501 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3501 | 3504 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3504 | 3507 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3507 | 3510 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace calcite veining, hard to very hard, sub blocky to sub fissile. |
| 3510 | 3513 | 100 | CLAYSTONE: very dark grey black, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3513 | 3516 | 100 | CLAYSTONE: very dark grey black, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3516 | 3519 | 100 | CLAYSTONE: very dark grey black, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3519 | 3522 | 100 | CLAYSTONE: very dark grey black, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3522 | 3525 | 100 | CLAYSTONE: very dark grey black, trace very dark brownish grey, trace silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3525 | 3528 | 100 | CLAYSTONE: very dark grey black, locally slightly silty, occasional trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3528 | 3531 | 100 | CLAYSTONE: very dark grey black, locally slightly silty, occasional trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3531 | 3534 | 100 | CLAYSTONE: very dark grey black, locally slightly silty, occasional trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3534 | 3537 | 100 | CLAYSTONE: very dark grey black, locally slightly silty, occasional trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3537 | 3540 | 100 | CLAYSTONE: very dark grey black, locally slightly silty, occasional trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3540 | 3543 | 100 | CLAYSTONE: very dark grey black, locally slightly silty, occasional trace micro mica, minor disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3543 | 3546 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, minor nodular and disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3546 | 3549 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, minor nodular and disseminated pyrite, trace loose clear medium quartz grains, hard to very hard, sub blocky to sub fissile. |
| 3549 | 3552 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3552 | 3555 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, rare nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3555 | 3558 | 100 | CLAYSTONE: very dark grey black, black, slightly silty, trace micro mica, rare nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3558 | 3561 | 100 | CLAYSTONE: very dark grey black, black, slightly silty, trace micro mica, rare nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3561 | 3564 | 100 | CLAYSTONE: very dark grey black, black, silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3564 | 3567 | 100 | CLAYSTONE: very dark grey black, black, silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3567 | 3570 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3570 | 3573 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3573 | 3576 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3576 | 3579 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3579 | 3582 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3582 | 3585 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3585 | 3588 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3588 | 3591 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3591 | 3594 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3594 | 3597 | 100 | CLAYSTONE: very dark greyish black, brownish black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3597 | 3600 | 100 | CLAYSTONE: very dark greyish black, trace brownish black, slightly silty, trace to locally common micro mica, rare nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3600 | 3603 | 100 | CLAYSTONE: very dark greyish black, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3603 | 3606 | 100 | CLAYSTONE: very dark greyish black, slightly silty, trace micro mica, trace calcite, hard to very hard, sub blocky to sub fissile. |
| 3606 | 3609 | 100 | CLAYSTONE: very dark greyish black, trace brownish black, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3609 | 3612 | 100 | CLAYSTONE: very dark greyish black, trace brownish black, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3612 | 3615 | 100 | CLAYSTONE: very dark greyish black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3615 | 3618 | 100 | CLAYSTONE: very dark greyish black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3618 | 3621 | 100 | CLAYSTONE: very dark greyish black, slightly silty, trace micro mica, trace nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3621 | 3624 | 100 | CLAYSTONE: very dark greyish black, slightly silty, trace micro mica, trace disseminated pyrite, hard to very hard, sub blocky to sub fissile. |
| 3624 | 3627 | 100 | CLAYSTONE: very dark greyish black, trace brownish black, slightly silty, trace micro mica, trace calcite, hard to very hard, sub blocky to sub fissile. |
| 3627 | 3630 | 100 | CLAYSTONE: very dark greyish black, trace brownish black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3630 | 3633 | 100 | CLAYSTONE: very dark greyish black, slightly silty, trace micro mica, trace pyrite, hard to very hard, sub blocky to sub fissile. |
| 3633 | 3636 | 100 | CLAYSTONE: very dark greyish black, trace brownish black, slightly silty, trace micro mica, hard to very hard, sub blocky to sub fissile. |
| 3636 | 3639 | 100 | CLAYSTONE: very dark greyish black, slightly silty, trace micro mica, trace pyrite, hard to very hard, sub blocky to sub fissile. |
| 3639 | 3642 | 100 | CLAYSTONE: very dark greyish black, slightly silty, trace to commonly micro mica, common nodular pyrite, hard to very hard, sub blocky to sub fissile. |
| 3642 | 3645 | 100 | CLAYSTONE: very dark greyish black, slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3645 | 3648 | 100 | CLAYSTONE: very dark greyish black, slightly silty, rare micro mica, trace pyrite, hard to very hard, sub blocky to sub fissile. |
| 3648 | 3651 | 100 | CLAYSTONE: very dark greyish black, slightly silty, rare micro mica, trace pyrite, hard to very hard, sub blocky to sub fissile |
| 3651 | 3654 | 100 | CLAYSTONE: very dark greyish black, slightly silty, rare micro mica, trace pyrite, trace calcite, hard to very hard, sub blocky to sub fissile. |
| 3654 | 3657 | 100 | CLAYSTONE: very dark greyish black, slightly silty, rare micro mica, trace pyrite, hard to very hard, sub blocky to sub fissile. |
| 3657 | 3660 | 100 | CLAYSTONE: very dark greyish black, slightly silty, rare micro mica, trace pyrite, hard to very hard, sub blocky to sub fissile. |
| 3660 | 3663 | 100 | CLAYSTONE: very dark greyish black, slightly silty, rare micro mica, hard to very hard, sub blocky to sub fissile. |
| 3663 | 3669 | 100 | CLAYSTONE: very dark greyish black, slightly silty, rare micro mica, trace calcite, hard to very hard, sub blocky to sub fissile. |
| 3669 | 3672 | 100 | CLAYSTONE: very dark greyish black, slightly silty, rare micro mica, trace nodular pyrite, trace calcite, hard to very hard, sub blocky to sub fissile. |
| 3672 | 3675 | 100 | CLAYSTONE: dark grey to very dark grey, slightly silty, locally with trace micro mica, hard, blocky to sub fissile. |
| 3675 | 3678 | 100 | CLAYSTONE: dark grey to very dark grey, slightly silty, locally with trace micro mica, trace nodular pyrite, hard, blocky to sub fissile. |
| 3678 | 3681 | 100 | CLAYSTONE: very dark grey black, slightly silty, rare micro mica, hard, blocky to sub fissile. |
| 3681 | 3684 | 100 | CLAYSTONE: very dark grey black, slightly silty, rare micro mica, hard, blocky to sub fissile. |
| 3684 | 3687 | 100 | CLAYSTONE: very dark grey black, slightly silty, rare micro mica, hard, blocky to sub fissile. |
| 3687 | 3690 | 100 | CLAYSTONE: very dark grey black, slightly silty, rare micro mica, hard, blocky to sub fissile. |
| 3690 | 3693 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace loose clear medium quartz grains, hard, blocky to sub fissile. |
| 3693 | 3696 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace nodular pyrite, hard, blocky to sub fissile. |
| 3696 | 3699 | 100 | CLAYSTONE: very dark grey black, minor silty, trace micro mica, trace nodular pyrite, hard, blocky to sub fissile. |
| 3699 | 3702 | 100 | CLAYSTONE: very dark grey black, minor silty, trace micro mica, hard, blocky to sub fissile. |
| 3702 | 3705 | 100 | CLAYSTONE: very dark grey black, minor silty, trace micro mica, hard, blocky to sub fissile. |
| 3705 | 3708 | 100 | CLAYSTONE: very dark grey black, minor silty, trace micro mica, hard, blocky to sub fissile. |
| 3708 | 3711 | 100 | CLAYSTONE: very dark grey black, minor silty, minor micro mica, hard, blocky to sub fissile. |
| 3711 | 3714 | 100 | CLAYSTONE: very dark grey black, rare silty, minor micro mica, trace loose clear medium quartz grains, trace nodular pyrite, hard, blocky to sub fissile. |
| 3714 | 3717 | 100 | CLAYSTONE: very dark grey black, trace micro mica, hard, blocky to sub fissile. |
| 3717 | 3720 | 100 | CLAYSTONE: very dark grey black, trace micro mica, rare nodular pyrite, hard, blocky to sub fissile. |
| 3720 | 3723 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace nodular pyrite, hard, blocky to sub fissile. |
| 3723 | 3726 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace nodular pyrite, hard, blocky to sub fissile. |
| 3726 | 3729 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard, blocky to sub fissile. |
| 3729 | 3732 | 100 | CLAYSTONE: very dark grey black, trace micro mica, hard, blocky to sub fissile. |
| 3732 | 3735 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace nodular pyrite, hard, blocky to sub fissile. |
| 3735 | 3738 | 100 | CLAYSTONE: very dark grey black, trace micro mica, trace nodular pyrite, hard, blocky to sub fissile. |
| 3738 | 3741 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, trace calcite veining, trace fine grained quartz, hard, blocky to sub fissile. |
| 3741 | 3744 | 100 | CLAYSTONE: very dark grey black, trace micro mica, minor nodular pyrite, hard, blocky to sub fissile. |
| 3744 | 3747 | 100 | CLAYSTONE: very dark grey black, slightly silty, trace micro mica, hard, blocky to sub fissile. |
| 3747 | 3750 | 100 | CLAYSTONE: very dark grey black, trace micro mica, rare nodular pyrite, minor calcite veining, hard, blocky to sub fissile. |
| 3750 | 3753 | 100 | CLAYSTONE: very dark grey black, trace micro mica, trace nodular pyrite, hard, blocky to sub fissile. |
| 3753 | 3756 | 100 | CLAYSTONE: very dark grey black, trace micro mica, trace nodular pyrite, trace calcite, hard to very hard, blocky to sub fissile. |
| 3756 | 3759 | 100 | CLAYSTONE: very dark grey black, trace micro mica, trace nodular pyrite, trace calcite, hard to very hard, blocky to sub fissile. |
| 3759 | 3762 | 100 | CLAYSTONE: very dark grey black, trace micro mica, trace nodular pyrite, trace calcite, hard to very hard, blocky to sub fissile. |
| 3762 | 3765 | 100 | CLAYSTONE: very dark grey black, trace micro mica, hard to very hard, blocky to sub fissile. |
| 3765 | 3768 | 100 | CLAYSTONE: very dark grey black, trace micro mica, trace pyrite, trace calcite veining, hard to very hard, blocky to sub fissile. |
| 3768 | 3771 | 100 | CLAYSTONE: very dark grey black, trace micro mica, trace nodular pyrite, minor calcite veining, hard to very hard, blocky to sub fissile. |
| 3771 | 3774 | 100 | CLAYSTONE: very dark grey black, trace micro mica, minor calcite veining, hard to very hard, blocky to sub fissile. |
| 3774 | 3777 | 100 | CLAYSTONE: very dark grey black, trace micro mica, rare pyrite, minor calcite veining, hard to very hard, blocky to sub fissile. |
| 3777 | 3780 | 100 | CLAYSTONE: very dark grey black, trace micro mica, trace pyrite, hard to very hard, blocky to sub fissile. |
| 3780 | 3783 | 100 | CLAYSTONE: very dark grey black, hard to very hard, blocky to sub fissile. |
| 3783 | 3786 | 100 | CLAYSTONE: very dark grey black, trace micro mica, trace pyrite, hard to very hard, blocky to sub fissile. |
| 3786 | 3789 | 100 | CLAYSTONE: very dark grey black, trace dark grey, trace micro mica, trace pyrite, hard to very hard, blocky to sub fissile. |
| 3789 | 3792 | 100 | CLAYSTONE: very dark grey black, trace dark grey, trace micro mica, trace pyrite, hard to very hard, blocky to sub fissile. |
| 3792 | 3795 | 100 | CLAYSTONE: very dark grey black, trace dark grey, trace micro mica, trace pyrite, hard to very hard, blocky to sub fissile. |
| 3795 | 3798 | 100 | CLAYSTONE: very dark grey black, trace dark grey, trace micro mica, rare calcite, hard to very hard, blocky to sub fissile. |
| 3798 | 3801 | 100 | CLAYSTONE: very dark grey black, trace dark grey, trace micro mica, trace pyrite, hard to very hard, blocky to sub fissile. |
| 3801 | 3804 | 100 | CLAYSTONE: very dark grey black, trace dark grey, trace micro mica, trace pyrite, hard to very hard, blocky to sub fissile. |
| 3804 | 3807 | 100 | CLAYSTONE: very dark grey black, trace dark grey, trace micro mica, rare pyrite, hard to very hard, blocky to sub fissile. |
| 3807 | 3808  TD | 100 | CLAYSTONE: very dark grey black, trace dark grey, trace micro mica, rare pyrite, hard to very hard, blocky to sub fissile. |